



April 4, 2024

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

RE: Notice of Exempt Modification for Verizon Wireless

Crown #876355

474-480 Main Street, Monroe, CT 06468

Latitude: 41° 19′ 31.99″ / Longitude: -73° 15′ 57.05″

Dear Ms. Bachman:

Verizon Wireless currently maintains fifteen (15) antennas at the 162-foot mount on the existing 196-foot monopole tower located at 474-480 Main Street, Monroe, CT. The property and the tower are owned by Crown Castle. Verizon now intends to add four (4) interference mitigation filters at the 162-foot level. This modification/proposal includes hardware that is both 4G (LTE) and 5G capable through remote software configuration and either or both services may be turned on or off at various times.

#### **Planned Modification:**

#### Tower:

#### Install New:

(4) Kaelus BSF0020F3V1- Interference Mitigation Filters

The facility was approved by the Town of Monroe on October 17, 2000 (No. 10461). Please see attached.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to First Selectman Terry Rooney on behalf of the municipality and to John J. Morris, Jr., Chief Building Official. Crown Castle is both the property and the tower owner.

- 1. The proposed modifications will not result in an increase in the height of the existing tower.
- 2. The proposed modifications will not require the extension of the site boundary.
- 3. The proposed modification will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.

The Foundation for a Wireless World.

CrownCastle.com

#### Page 2

- 4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communication Commission safety standard.
- 5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.
- 6. The existing structure and its foundation can support the proposed loading.

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

Sincerely Jeff Barbadora

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

#### Attachments

cc:

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

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

Crown Castle, Property & Tower Owner

### Town of Monroe



OFFICE OF THE TOWN ENGINEERING DEPARTMENT

Town Hall 7 Fan Hill Road Monroe, Connecticut 06468 Phone: (203) 452-5437 (203) 452-5438

July 10,2000

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

2386

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

Dear Mr. Tusch:

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

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

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

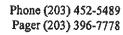
If you have any questions, please contact my office at (203) 452-5438.

Very Truly Yours.

Director of Public Works

Town Engineer

SL/fjm CMS & JUL,





## TOWN OF MONROE OFFICE OF THE FIRE MARSHAL

June 27, 2000

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

RE: Sprint PCS Tower, 474-480 Main Street

Dear Attorney Tusch,

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

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

If you have any questions, please call me.

Sincerely,

Anthony Carpenter

Fire Marshal

# TOWN OF MONROE, CONNECTICUT PROVISIONAL CERTIFICATE

ZONING COMPLIANCE



COMPOSERC	(Street Bots Defai		Zoning Regulations of	
inguisition Turser - echiovent amound	(structure, gadrigo, ase)	Andrew Schaffe	oposal conforms to the	
clion Towner	Jain (struc		application the pro	[]
Communic	M	Joy a made by	n contained in said	7-31-10
the proposed	(Lot No.	117	ed on the informatio	
This is to certify that the proposed	located at No. 480	Application dated //	has been examined and based on the information contained in said application the proposal conforms to the Zoning Regulations of	the Town of Monroe, dated_

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

No 10461

By: (Zoding Erifdcennent Officer) (Planning Add

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

TOWN HALL 7 Fan Hill Road Monroe, Connecticut 06468

Phone (203) 452-5467 Fax (203) 261-6197

£3 4.

November 16, 2000

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

Sprint PCS 1 International Blvd Suite 800 Mahwah, NJ 07495

#### CONDITIONAL APPROVAL Inland Wetlands Permit No. 00-23

Applicant:

Sprint PCS

**Property Owner** 

Property Location: 474-480 Main Street Assessor's Map No. 45 Parcel No. 21A &

Plans & Preparer: URS Corporation AES 500 Enterprise Drive, Rocky Hill CT

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

PERMIT EXPIRES: October 25, 2005

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

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

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

Condapp-00-23

Page 2

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

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

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

#### MODIFICATIONS AND CONDITIONS:

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

#### STANDARD CONDITIONS:

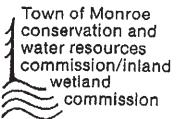
- 1) Regulated activities herein shall be implemented by the permittee in accordance with the timing, location, duration and intent proposed and approved by the Commission.
- 2) Notice of assignment or transfer of the permit must be given to the Commission immediately. Failure to do so may invalidate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

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

cc: Dean Gustafson, Applicants Agent

arres P. White, Jr.

Chairman of the Commission



TOWN HALL
7 Fan Hill Boad
Monroe: Connectat 06±55
Phone (203) 452-5467
Fax (203) 251-6197

July 11, 2000

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

RE: Sprint PCS Upper Stepney

Dear Mr. Clyde:

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

Please contact me if you have any questions.

Yours truly,

Richard B. Jacobson Wetland Consultant

gw

cc: Planning and Zoning

#### **474 MAIN ST**

Location 474 MAIN ST

Map/Lot 045/022/0Z//

Acct# 0450220Z

Owner SPRINT PCS

Assessment \$714,000

Appraisal \$1,020,000

PID 16240 **Building Count** 1

Survey 1676 B

**Affordable** 

#### **Current Value**

	Appraisal		
Valuation Year	Improvements	Land	Total
2023	\$840,000	\$180,000	\$1,020,000
	Assessment	render menner - Angelen min den projekt in de gelek die St. A. i. h. i.	and a summer me menter with an entire to see of a record to see of the see of the see of the see of the see of
Valuation Year	Improvements	Land	Total
2023	\$588,000	\$126,000	\$714,000

#### **Owner of Record**

Owner

SPRINT PCS

Co-Owner GLOBAL SIGNAL ACQ II LLC

Address

PMB 331 4017 WASHINGTON RD

MCMURRAY, PA 15317

Sale Price

\$0

Certificate

Book & Page 0943/0187

Sale Date

04/27/2001

Instrument

#### **Ownership History**

		Owners	hip History		· · · · · · · · · · · · · ·
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
SPRINT PCS	\$0	1	0943/0187		04/27/2001

#### **Building Information**

**Building 1 : Section 1** 

Year Built:

Living Area:

0

**Building Attributes** 

Field	Description
ityle:	Vacant Land
lodel	
Grade:	
Stories:	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure:	
Roof Cover	
nterior Wall 1	
nterior Wall 2	
nterior Flr 1	
nterior FIr 2	
leat Fuel	
leat Type:	· ·
С Туре:	
otal Bedrooms:	
otal Bthrms:	
otal Half Baths:	
otal Xtra Fixtrs:	
otal Rooms:	
eath Style:	
ütchen Style:	
ireplace(s)	
cndtn	
Vdstv Flues	
Basement Gar.	
lum Park	
ïreplaces	
ttic	
NS_USRFLD_102	
Accessory Apt	
ndtn Cndtn	
Basement	
srfld 706	

#### **Building Photo**



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

#### **Building Layout**

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

Building Sub-Areas (sq ft)	<u>Legend</u>
No Data for Building Sub-Areas	

#### **Extra Features**

#### No Data for Extra Features

#### **Parcel Information**

Use Code

431

Description

TEL REL TW

Deeded Acres 0.06

#### Land

#### Land Use

431

Use Code Description

TEL REL TW

Zone

В1

Neighborhood

Alt Land Approved No

Category

#### **Land Line Valuation**

Size (Acres)

0.06

Appraised Value \$180,000

#### Outbuildings

	Outbuildings <u>Legen</u>			Legend		
Code	Description	Sub Code	Sub Description	Size	Value	Bldg#
CELL	Cell Tower Unit			4.00 UNIT	\$840,000	1

#### Valuation History

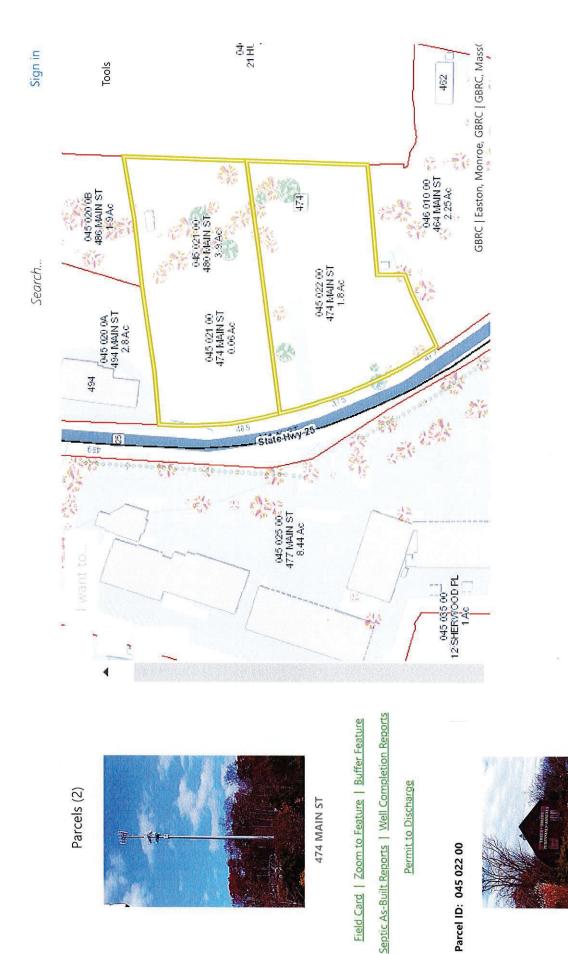
Appraisal			
Valuation Year	Improvements	Land	Total
2022	\$840,000	\$180,000	\$1,020,000

Assessment			
Valuation Year	Improvements	Land	Total
2022	\$588,000	\$126,000	

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metrocog.mapxpress.net/Monroe/

Parcels (2)



☆ Parcel ID: 045 022 00

Permit to Discharge

474 MAIN ST

Displaying 1 - 2 (Total: 2)



₹





TOPO M...

Home

200ft

100



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

MECHANICAL			
Dimensions H x D x W	269 x 277 x 80mm   10.60 x 10.90 x 3,15in (Excluding brackets and connectors)		
Weight	8.0 kg   17.6 lbs (no bracket)		
Finish Powder coated, light grey (RAL7035)			
Connectors RF: 4.3-10 (F) x 4			
Mounting	Optional pole/wall bracket supplied with two metal clamps 45-178mm diameter poles or custom bracket. See ordering information.		

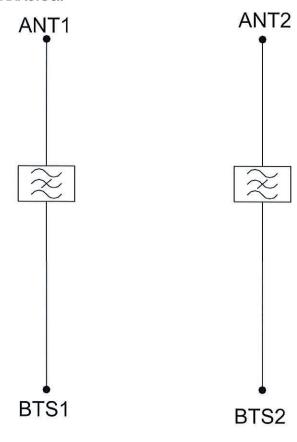


#### **ORDERING INFORMATION**

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

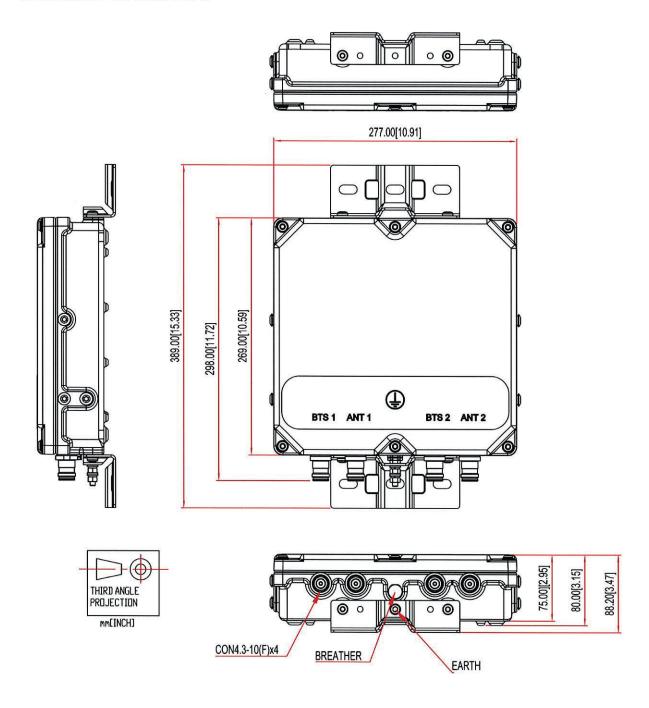


#### **ELECTRICAL BLOCK DIAGRAM**





#### MECHANICAL BLOCK DIAGRAM



#### Barbadora, Jeff

From: TrackingUpdates@fedex.com
Sent: Friday, April 5, 2024 11:21 AM

**To:** Barbadora, Jeff

**Subject:** FedEx Shipment 775825811609: Your package has been delivered

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.



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



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

**OBTAIN PROOF OF DELIVERY** 

#### How was your delivery?











TRACKING NUMBER

775825811609

FROM

Crown Castle

1800 W. Park Drive

WESTBOROUGH, MA, US, 01581

TO

Town of Monroe

Terry Rooney, First Selectman

7 Fan Hill Road

MONROE, CT, US, 06468

REFERENCE

799001.7680

SHIPPER REFERENCE

799001.7680

SHIP DATE

Thu 4/04/2024 05:12 PM

DELIVERED TO

Receptionist/Front Desk

PACKAGING TYPE

FedEx Envelope

ORIGIN

WESTBOROUGH, MA, US, 01581

DESTINATION

MONROE, CT, US, 06468

SPECIAL HANDLING

Deliver Weekday

NUMBER OF PIECES

TOTAL SHIPMENT WEIGHT

0.50 LB

SERVICE TYPE FedEx Standard Overnight

#### Barbadora, Jeff

From:

TrackingUpdates@fedex.com

Sent:

Friday, April 5, 2024 11:21 AM

To:

Barbadora, Jeff

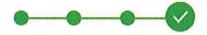
Subject:

FedEx Shipment 775825835823: Your package has been delivered

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.



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



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

**OBTAIN PROOF OF DELIVERY** 

#### How was your delivery?



TRACKING NUMBER 775825835823

FROM Crown Castle

1800 W. Park Drive

WESTBOROUGH, MA, US, 01581

TO Town of Monroe

John J. Morris, Jr, CBO

7 Fan Hill Road

MONROE, CT, US, 06468

**REFERENCE** 799001.7680

SHIPPER REFERENCE 799001.7680

SHIP DATE Thu 4/04/2024 05:12 PM

DELIVERED TO Receptionist/Front Desk

PACKAGING TYPE FedEx Envelope

ORIGIN WESTBOROUGH, MA, US, 01581

DESTINATION MONROE, CT, US, 06468

SPECIAL HANDLING Deliver Weekday

NUMBER OF PIECES 1

TOTAL SHIPMENT WEIGHT 0.50 LB

SERVICE TYPE FedEx Standard Overnight





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

#### **Antenna Mount Analysis Report and PMI Requirements**

Mount ReAnalysis

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

July 11, 2023

Site Information Site ID: 5000386928-VZW / MONROE WEST CT

Site Name: MONROE WEST CT
Carrier Name: Verizon Wireless
Address: 474 Main St.

Monroe, Connecticut 06468

Fairfield County 41.325553°

 Latitude:
 41.325553°

 Longitude:
 -73.265847°

<u>Structure Information</u>

Tower Type: 190-Ft Monopole

Mount Type: 12.50-Ft Platform

**FUZE ID # 17123811** 

**Analysis Results** 

Platform: 58.5% Pass\*

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

\*\*\*Contractor PMI Requirements:

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

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

Report Prepared By: Carol Luengas



N/A

0.984

#### **Executive Summary:**

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

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

#### **Sources of Information:**

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

#### **Analysis Criteria:**

Codes and Standards:	ANSI/TIA-222-H
----------------------	----------------

2022 Connecticut State Building Code (CSBC), Effective October 1, 2022

Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), VULT:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	В
	Topographic Category:	1
	Topographic Feature Considered:	N/A

Seismic Parameters:  $S_S$ : 0.208 g  $S_1$ : 0.055 g

Ground Elevation Factor, Ke:

Topographic Method:

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
		3	Samsung	MT6407-77A	
		3	Commscope	CBC78T-DS-43-2X	
		1	RFS	DB-C1-12C-24AB-0Z	
	160.00	3	Samsung	B2/B66A RRH-BR049	
159.40		3	Samsung	B5/B13 RRH-BR04C	Retained
159.40		2	Amphenol Antel	LPA-80063-6CF-EDIN-2	
		6	Commscope	JAHH-65B-R3B	
		2	Amphenol Antel	LPA-80080/4CF	
		2	Amphenol Antel	LPA-80063-6CF-EDIN-4	
		4	Kaelus	BSF0020F3V1-1	Added

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

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

#### **Standard Conditions:**

- 1. All engineering services are performed on the basis that the information provided to Colliers Engineering & Design and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Colliers Engineering & Design to verify deviation will not adversely impact the analysis.
- 2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

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

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

- 3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.
- 4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.

- 5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.
- 6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Colliers Engineering & Design is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.
- 7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:

Channel, Solid Round, Angle, Plate
 HSS (Rectangular)
 Pipe
 Threaded Rod
 Bolts
 ASTM A36 (Gr. 36)
 ASTM 500 (Gr. B-46)
 ASTM A53 (Gr. B-35)
 F1554 (Gr. 36)
 ASTM A325

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

#### **Analysis Results:**

Component	Utilization %	Pass/Fail
Face Horizontal	17.4 %	Pass
Standoff Horizontal	38.8 %	Pass
Platform Crossmember	20.6 %	Pass
Corner Plate	24.6 %	Pass
Grating Support	29.5 %	Pass
Cross Arm Plate	42.0 %	Pass
Support Rail	20.5 %	Pass
Mount Pipe	28.2 %	Pass
Dual Mount Pipe	27.1 %	Pass
Mount Connection	58.5 %	Pass

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

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

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

#### Notes:

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

July 11, 2023 Site ID: 5000386928-VZW / MONROE WEST CT Page | 5

#### **Requirements:**

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

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

#### **Attachments:**

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

#### Mount Desktop - Post Modification Inspection (PMI) Report Requirements

#### **Documents & Photos Required from Contractor – Passing Mount Analysis**

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

Electronic pdf version of this can be downloaded at <a href="https://pmi.vzwsmart.com">https://pmi.vzwsmart.com</a>.

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

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

<u>Purpose</u> – 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
  - o 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.
  - o 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.
- o 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.
	$\Box$ 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
	$\Box$ 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.
	I Instructions / Validation as required from the MA or any other information the contractor
<u>deems</u>	necessary to share that was identified:
lssue:	
Respo	nse:
<u>Specia</u>	I Instruction Confirmation:
	$\hfill\Box$ The contractor has read and acknowledges the above special instructions.
	$\Box$ 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
	$\Box$ 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:		
<b>Contractor certifies that</b>	the climbing facility / safety clim	nb was not damaged prior to starting work:
□ Yes □	No	
Contractor certifies no n	ew damage created during the c	urrent installation:
□ Yes □	No	
Contractor to certify the	condition of the safety climb an	d verify no damage when leaving the site:
Cafata Climata in	Cond Condition	Cofety Clinck Democrat
☐ Safety Climb in	Good Condition	☐ Safety Climb Damaged
<b>Certifying Individual:</b>		
Company:		
Employee Name:		
Contact Phone:		
Email:		
Date:		

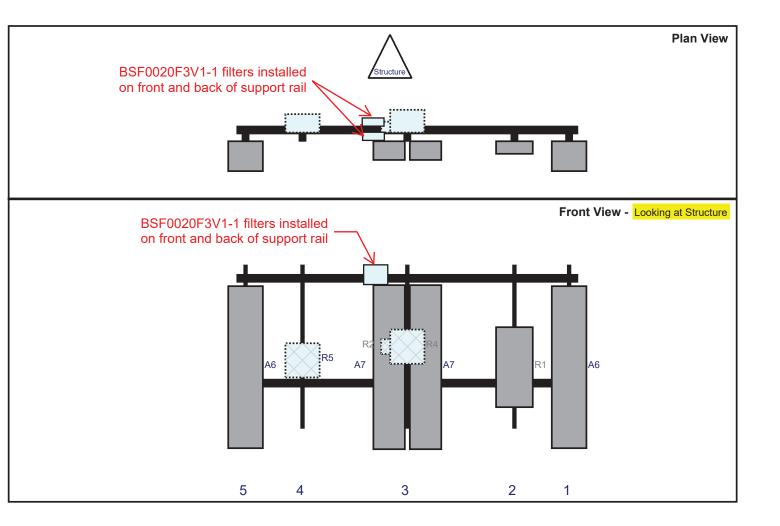
Structure: 5000386928-VZW - MONROE WEST CT

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

Structure Type: Monopole 10206808

Mount Elev: 159.40 Page: 1





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

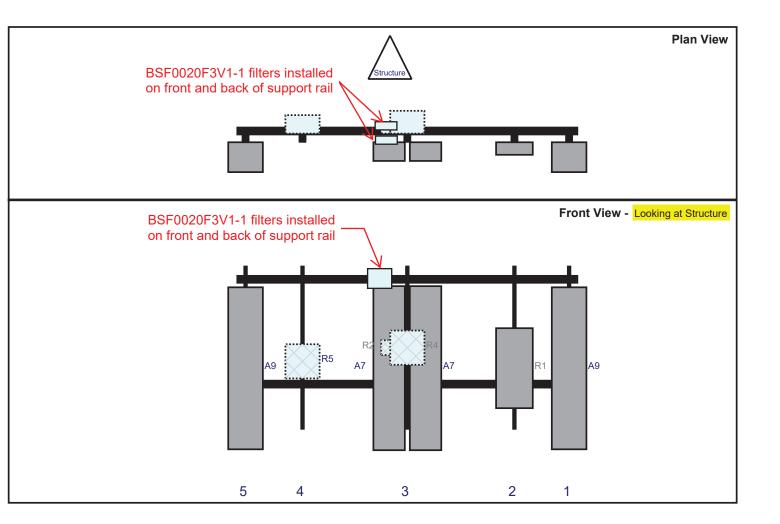
#### Structure: 5000386928-VZW - MONROE WEST CT

Sector: **B** 7/10/2023

Structure Type: Monopole 10206808

Mount Elev: 159.40 Page: 2





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

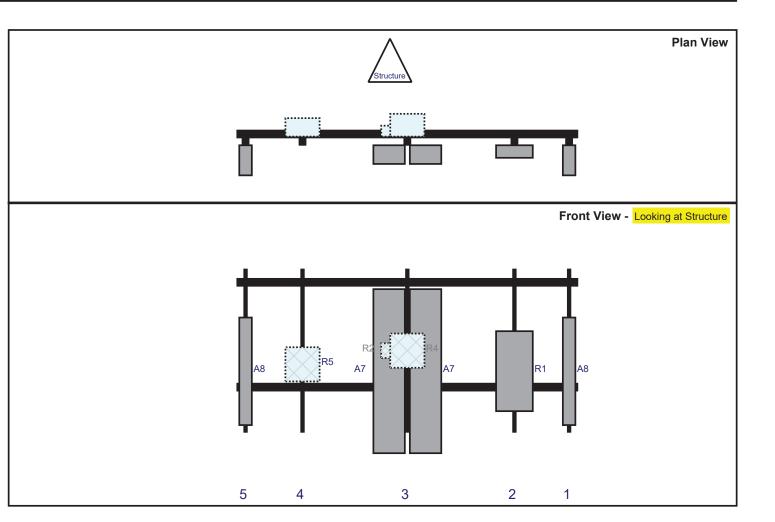
#### Structure: 5000386928-VZW - MONROE WEST CT

Sector: **C** 7/10/2023

Structure Type: Monopole 10206808

Mount Elev: 159.40 Page: 3





		Height	Width	H Dist	Pipe	Pipe	Ant	C. Ant	Ant		
Ref#	Model	(in)	(in)	Frm L.	#	Pos V	Pos	Frm T.	H Off	Status	Validation
A8	LPA-80080/4CF	47.2	5.5	146	1	а	Front	45.06	0	Retained	06/23/2022
R1	MT6407-77A	35.1	16.1	122	2	а	Front	45	0	Retained	06/23/2022
A7	JAHH-65B-R3B	72	13.8	75	3	а	Front	45	8	Retained	06/23/2022
A7	JAHH-65B-R3B	72	13.8	75	3	b	Front	45	-8	Retained	06/23/2022
R2	CBC78T-DS-43-2X	6.4	6.9	75	3	а	Behind	36	-8	Retained	06/23/2022
R4	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	75	3	а	Behind	36	0	Retained	06/23/2022
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	29	4	а	Behind	42	0	Retained	06/23/2022
A8	LPA-80080/4CF	47.2	5.5	4	5	а	Front	45.06	0	Retained	06/23/2022

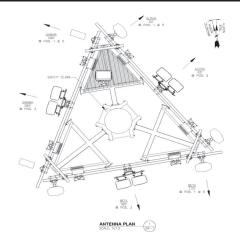






	Antenna Mount Mapping Form (PATEN	T PENDING)		FCC#
Tower Owner:	CROWN CASTLE	Mapping Date:	3/9/2	021
Site Name:	MONROE WEST CT	Tower Type:	Mono	pole
Site Number or ID:	469337	Tower Height (Ft.):	19	0
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	Mount Elevation (Ft.):	160.	.16

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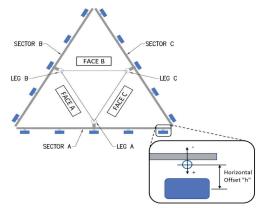


					eometries [Unit = Inches]		
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	here you go rob per your comments	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2"STD. PIPE X 72" LONG	52.00	4.00	C1	2"STD. PIPE X 72" LONG	52.00	4.00
A2	2"STD. PIPE X 72" LONG	52.00	29.00	C2	2"STD. PIPE X 72" LONG	52.00	29.00
A3	2-1/2"Ø X 3/16" THK. PIPE X 150	59.00	75.00	C3	2-1/2"Ø X 3/16" THK. PIPE X 150" LONG	59.00	75.00
A4	2"STD. PIPE X 72" LONG	52.00	122.00	C4	2"STD. PIPE X 72" LONG	52.00	122.00
A5	2"STD. PIPE X 72" LONG	52.00	146.00	C5	2"STD. PIPE X 72" LONG	52.00	146.00
A6				C6			
B1	2"STD. PIPE X 72" LONG	52.00	4.00	D1			
B2	2"STD. PIPE X 72" LONG	52.00	29.00	D2			
В3	2-1/2"Ø X 3/16" THK. PIPE X 150	59.00	75.00	D3			
B4	2"STD. PIPE X 72" LONG	52.00	122.00	D4			
B5	2"STD. PIPE X 72" LONG	52.00	146.00	D5			
B6				D6			
	Distance between bottom rai	and moun	t CL elevati	on (dim d	). Unit is inches. See 'Mount Elev Ref' tab f	or details. :	24.00
	Distance from to	p of botto	m support r	ail to low	est tip of ant./eqpt. of Carrier above. (N/A	if > 10 ft.):	
	Distance from to	p of botton	n support ra	il to highe	est tip of ant./eqpt. of Carrier below. (N/A	if > 10 ft.):	4
		Please ente	er additiona	l infomat	ion or comments below.		

20

MONOPOLE WALL THK.: .329, .333, .336

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



	Enter antenna	a model.	If not label	ed, enter "	'.	Mountin [Units are incl		Photos of antennas				
Ants. Items	Antenna Models if Known Width (in.) Depth (in.)		Height (in.)	Coax Size and Qty	Antenna Center- line (Ft.)	Vertical Distances"b <sub>1a</sub> , b <sub>2a</sub> , b <sub>3a</sub> , b <sub>1b</sub> " (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers			
					Sector A							
Ant <sub>1a</sub>	int <sub>1a</sub>											
Ant <sub>1b</sub>												
Ant <sub>1c</sub>	LPA-80063-6CF-EDIN-	15.00	9.60	72.00		158.743	45.00	15.00	50.00	6, 12		
Ant <sub>2a</sub>												
Ant <sub>2b</sub>	B66a RRH 4X45	12.00	7.00	25.50		160.493	24.00	-6.50		13, 32		
Ant <sub>2c</sub>												
Ant <sub>3a</sub>												
Ant <sub>3b</sub>												
Ant <sub>3c</sub>	(2) JAHH-65B-R3B	14.00	8.50	72.00		158.077	60.00	14.00	45.00	10, 14		
Ant <sub>4a</sub>												
Ant <sub>4b</sub>	B13 RRH 4X30	12.00	7.50	20.50		160.66	22.00	-6.50		17, 35		
Ant <sub>4c</sub>												
Ant <sub>5a</sub>												
Ant <sub>5b</sub>												
Ant <sub>5c</sub>	LPA-80063-6CF-EDIN-	15.00	9.60	72.00		158.743	45.00	15.00	50.00	6, 15		
Ant on Standoff	RHSDC-3315-PF-48	15.00	10.00	28.00			44.00			38, 40		
Ant on												
Standoff Ant on												
Tower												
Ant on												
Tower												

b1e b1b	Antia R	Antza R	Antso #	Ant46	Antso						
<u>C1</u>	Antic C2	Antzo 5 C4	LAntse	∐Ant4c	Antsc						
	Antenna Layout (Looking Out From Tower)										

Mou	nt Azimuth	(Degree	e)	Tower Leg Azin	nuth (Degree)						Sector B	1				
	for Each Se			for Each		Ant <sub>1a</sub>										
Sector A:	50.00	Deg	Leg A:		Deg	Ant <sub>1b</sub>										
Sector B:	170.00		Leg B:		Deg	Ant <sub>1c</sub>	LPA-80063-6CF-EDIN-	15.00	9.60	72.00		158.743	45.00	15.00	170.00	6, 15
Sector C:	290.00		Leg C:		Deg	Ant <sub>2a</sub>										
Sector D:		-	Leg D:	12	Deg	Ant <sub>2b</sub>	B66a RRH 4X45	12.00	7.00	25.50		160.493	24.00	-6.50		15, 32
Location:	320.00	Deg	ing Fac	ility Information N/A		Ant <sub>2c</sub> Ant <sub>3a</sub>										
LOCATION.		sion Typ	ie.	Good condition.		Ant <sub>3b</sub>										
Climbing		ccess:		Climbing path was ur	nobstructed.	Ant <sub>3c</sub>	(2) JAHH-65B-R3B	14.00	8.50	72.00		158.077	60.00	14.00	165.00	10, 16
Facility Condition: Good condition.				Ant <sub>4a</sub>										-, -		
		M	$\Box$			Ant <sub>4b</sub>	B13 RRH 4X30	12.00	7.50	20.50		160.66	22.00	-6.50		17, 35
1	4	41111	1114			Ant <sub>4c</sub>										
						Ant <sub>5a</sub>										
9			<del>                                      </del>			Ant <sub>5b</sub>										
	ר ה	- IIII		TIP OF EQUIPMENT	-	Ant <sub>5c</sub>	LPA-80063-6CF-EDIN-	15.00	9.60	72.00		158.743	45.00	15.00	170.00	6, 17
Г		,		, ,	DISTANCE FROM TOP OF MAIN	Standoff										
-					DISTANCE FROM TOP OF MAIN PLATFORM MEMBER TO LOWEST TP OF ANT./EQPT. OF CARRIER ABOVE. (N/A IF > 10 FT.)	Ant on										
					-	Standoff Ant on										
EXISTING PLATFORM—		-			DISTANCE FROM TOP OF MAIN PLATFORM MEMBER TO HIGHEST TIP OF ANT./EQPT. OF CARRIER BELOW. (N/A IF > 10 FT.)	Tower										
	п п		П	TIP OF EQUIPMENTS		Ant on Tower										
	") ["	1111	1111	] [		Tower					Sector C					
9						Ant <sub>1b</sub>										
L	<u> </u>	<u>'</u>	∭"			Ant <sub>1c</sub>	AMPHENOL	6.00	14.00	48.00		159.243	39.00	15.00	290.00	30, 18
	л Ґ	ጎ		ñ		Ant <sub>2a</sub>										
c	-			1 ,		Ant <sub>2b</sub>	B66a RRH 4X45	12.00	7.00	25.50		160.493	24.00	-6.50		18, 32
						Ant <sub>2c</sub> Ant <sub>3a</sub>										
Ĺ	T TIP OF EQUIPMENT					Ant <sub>3b</sub>										
						Ant <sub>3c</sub>	(2) JAHH-65B-R3B	14.00	8.50	72.00		158.077	60.00	14.00	285.00	10, 19
Г	7 [	7	$\leftarrow$	1 -	DISTANCE FROM TOP OF BOTTOM SUPPORT RAIL TO LOWEST TIP OF ANT./EOPT. OF CARRIER ABOVE. (N/A IF > 10 FT.)	Ant <sub>4a</sub>										
_			=	<u> </u>	(N/A IF > 10 FT.)	Ant <sub>4b</sub>	B13 RRH 4X30	12.00	7.50	20.50		160.66	22.00	-6.50		20, 35
						Ant <sub>4c</sub>										
		7			DISTANCE FROM TOP OF BOTTOM SUPPORT RMI TO HIGHEST TIP OF	Ant <sub>5a</sub>										
EXISTING SECTOR FR	UNT	k			DISTANCE FROM TOP OF BOTTOM SUPPORT RAIL TO HIGHEST TIP OF ANT./ECPT. OF CARRIER BELOW. (N/A IF > 10 FT.)	Ant <sub>5b</sub> Ant <sub>5c</sub>	AMPHENOL	6.00	14.00	48.00		159.243	39.00	15.00	290.00	30, 20
Д	- r	η	TH.	TIP OF EQUIPMENT	<u>+</u>	Ant on	AWIFTILINOL	0.00	14.00	46.00		139.243	33.00	13.00	250.00	30, 20
c				<u> </u>		Standoff										
			[			Ant on Standoff										
Ĺ	J L			Ţ		Ant on										
						Tower Ant on										
						Tower										
											Sector D					
						Ant <sub>1a</sub>										
						Ant <sub>1b</sub>										
						Ant <sub>1c</sub> Ant <sub>2a</sub>										
						Ant <sub>2b</sub>										
						Ant <sub>2c</sub>										
						Ant <sub>3a</sub>										
						Ant <sub>3b</sub>										
						Ant <sub>3c</sub>										
						Ant <sub>4a</sub>										
						Ant <sub>4b</sub> Ant <sub>4c</sub>										
						Ant <sub>5a</sub>										
						Ant <sub>5b</sub>										
						Ant <sub>5c</sub>										
						Ant on										
						Standoff Ant on										
						Standoff										
						Ant on										
						Ant on										
						Tower										
						10.6	ety and Structural Issu									

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

1		
2	(12) 1-/8"Ø COAX, (1) 1-1/4"Ø HYBRID	32-37
3		
4		
5		
6		
7		
8		

#### **Mapping Notes**

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

#### **Standard Conditions**

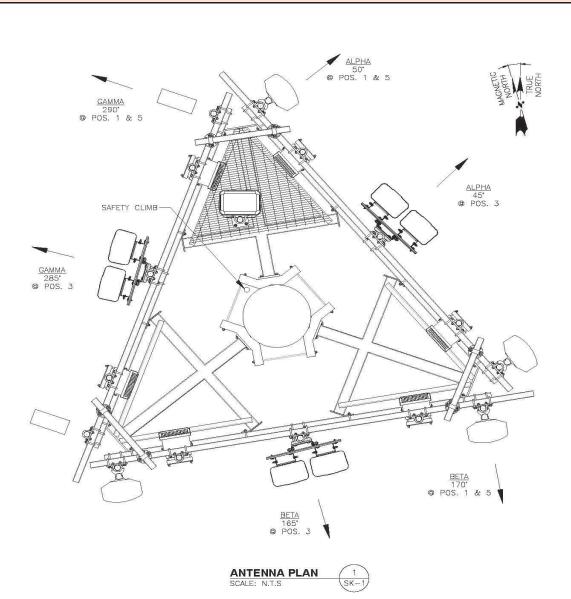
1. Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping are to be reported in this mapping. However, this mount mapping is not a condition assessment of the mount.



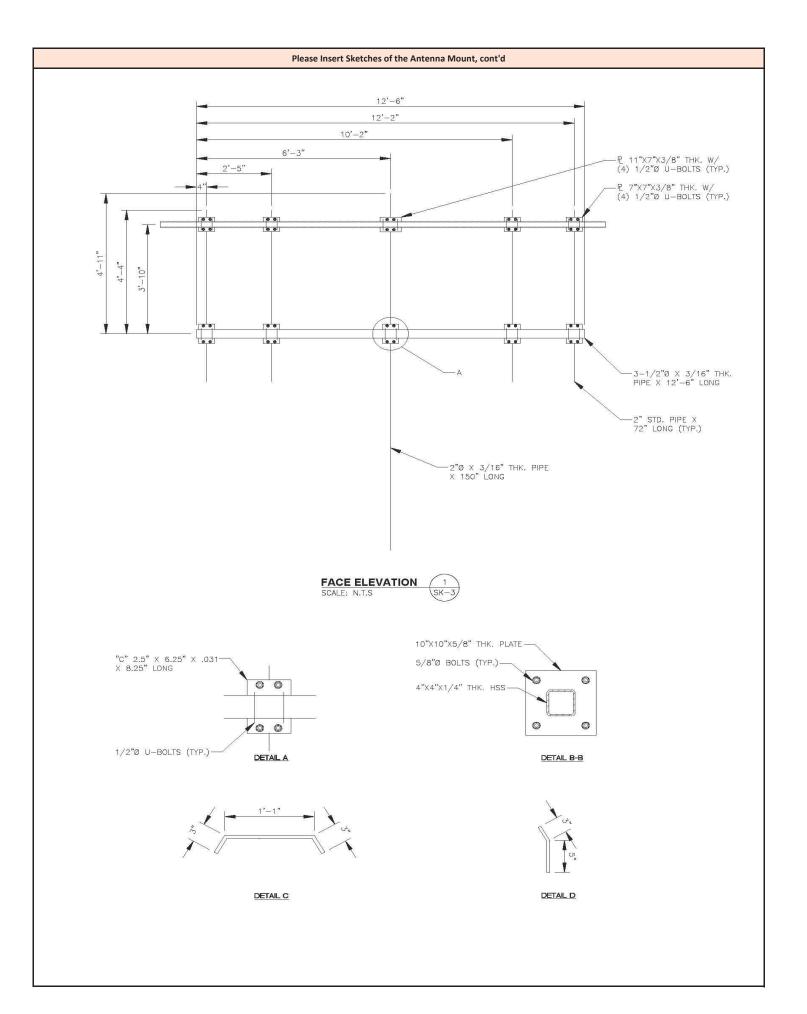
		V3.0	Updated on 8-31	-2020
	Antenna Mount Mapping Form (PATEN	T PENDING)		FCC#
Tower Owner:	CROWN CASTLE	Mapping Date:	3/9/2	2021
Site Name:	MONROE WEST CT	Tower Type:	Mono	pole
Site Number or ID:	469337	Tower Height (Ft.):	19	90
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	Mount Elevation (Ft.):	160	.16

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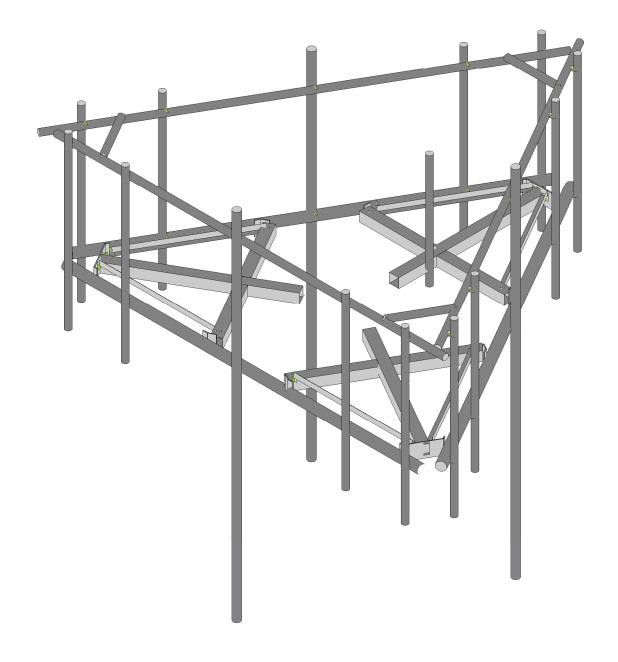
#### Please Insert Sketches of the Antenna Mount



# Please Insert Sketches of the Antenna Mount, cont'd BENT PLATE 5-1/2"X3-1/2"X3/8" THK.-X 6" TALL W/ (1) 1/2" U-BOLT (TYP.) -3-1/2"Ø X 1/4" THK. X 12'-6" LONG (TYP.) 10"X10"X5/8" THK. PLATE W/ (4) 5/8"Ø BOLTS (TYP.) -10"X5/16" COLLAR MOUNT W/ (2) 5/8" T.R. (TYP.) 2"Ø X 3/8" THK. PIPE X 24" LONG-ON GRATING FLANGE EXISTING TOWER GRATING (TYP.)--2-1/2"Ø X 3/16" THK. PIPE X 150" LONG ூ POS. 3 (TYP.) -HSS 4"X4"X1/4" THK. (TYP.) ∠ 2"X2"X1/8" (TYP.) 2" STD. PIPE X 72" LONG (TYP.) D MOUNT PLAN SCALE: N.T.S





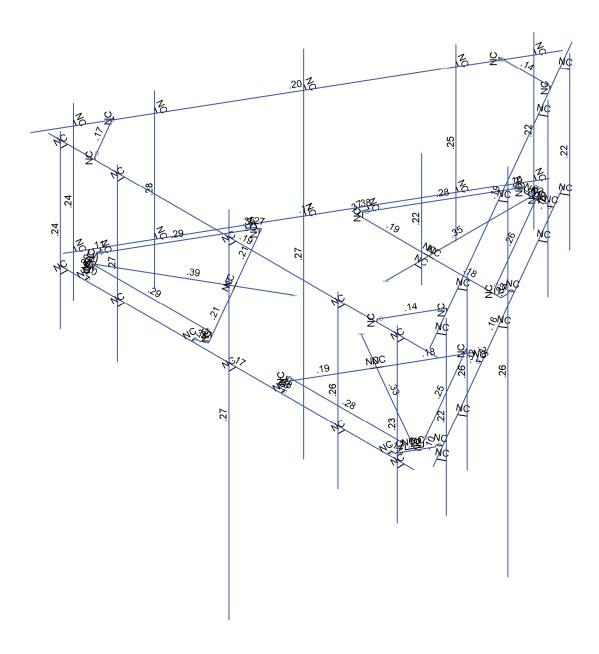


Envelope Only Solution

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





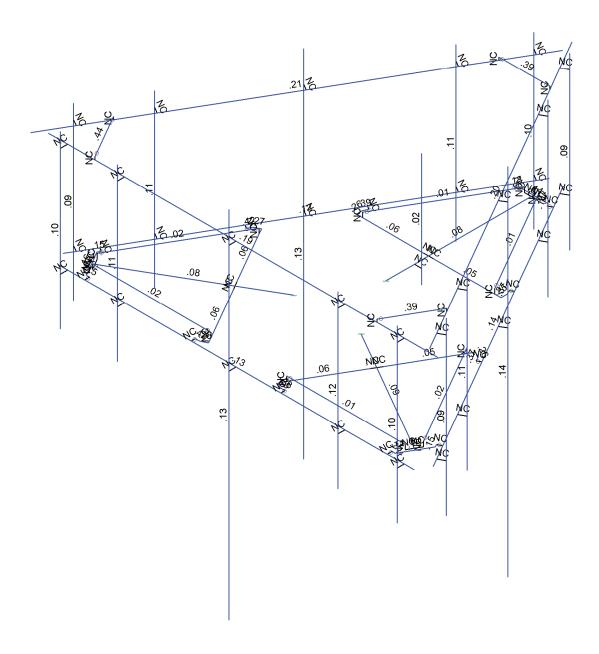


Member Code Checks Displayed (Enveloped) Envelope Only Solution

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







Member Shear Checks Displayed (Enveloped) Envelope Only Solution

	SK - 3
	July 10, 2023 at 5:21 PM
	5000386928-VZW_MT_LO_H.r3d

# Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me	Surface(P
1	Antenna D	None					132			
2	Antenna Di	None					132			
3	Antenna Wo (0 Deg)	None					132			
4	Antenna Wo (30 Deg)	None					132			
5	Antenna Wo (60 Deg)	None					132			
6	Antenna Wo (90 Deg)	None					132			
7	Antenna Wo (120 Deg)	None					132			
8	Antenna Wo (150 Deg)	None					132			
9	Antenna Wo (180 Deg)	None					132			
10	Antenna Wo (210 Deg)	None					132			
11	Antenna Wo (240 Deg)	None					132			
12	Antenna Wo (270 Deg)	None					132			
13	Antenna Wo (300 Deg)	None					132			
14	Antenna Wo (330 Deg)	None					132			
15	Antenna Wi (0 Deg)	None					132			
16	Antenna Wi (30 Deg)	None					132			
17	Antenna Wi (60 Deg)	None					132			
18	Antenna Wi (90 Deg)	None					132			
19	Antenna Wi (120 Deg)	None					132			
20	Antenna Wi (150 Deg)	None					132			
21	Antenna Wi (180 Deg)	None					132			
22	Antenna Wi (210 Deg)	None					132			
23	Antenna Wi (240 Deg)	None					132			
24	Antenna Wi (270 Deg)	None					132			
25	Antenna Wi (300 Deg)	None					132			
26	Antenna Wi (330 Deg)	None					132			
27	Antenna Wm (0 Deg)	None					132			
28	Antenna Wm (30 Deg)	None					132			
29	Antenna Wm (60 Deg)	None					132			
30	Antenna Wm (90 Deg)	None					132			
31	Antenna Wm (120 Deg)	None					132			
32	Antenna Wm (150 Deg)	None					132			
33	Antenna Wm (180 Deg)	None					132			
34	Antenna Wm (210 Deg)	None					132			
35	Antenna Wm (240 Deg)	None					132			
36	Antenna Wm (270 Deg)	None					132			
37	Antenna Wm (300 Deg)	None					132			
38	Antenna Wm (330 Deg)	None					132			
39	Structure D	None		-1					3	
40	Structure Di	None						61	3	
41	Structure Wo (0 Deg)	None						122		
42	Structure Wo (30 Deg)	None						122		
43	Structure Wo (60 Deg)	None						122		
44	Structure Wo (90 Deg)	None						122		
45	Structure Wo (120 D	None						122		
46	Structure Wo (150 D	None						122		
47	Structure Wo (180 D	None						122		
48	Structure Wo (210 D	None						122		
49	Structure Wo (240 D	None						122		
50	Structure Wo (270 D	None						122		
51	Structure Wo (300 D	None						122		
52	Structure Wo (330 D	None						122		
53	Structure Wi (0 Deg)	None						122		

### **Basic Load Cases (Continued)**

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

### **Load Combinations**

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



### **Load Combinations (Continued)**

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

### **Load Combinations (Continued)**

	Description	S	<b>PDelta</b>	S	В	Fa	В	Fa	В	Fa	В	Fa	В	Fa	В	Fa	В	Fa	В	Fa	В	Fa	В	Fa
72	0.9D - 1.0Ev + 1.0Eh (2	Yes	Υ		1	.9	39	.9	81	-1	E	-1	82	5	83	866	ELZ	5	E	866	6			
73	0.9D - 1.0Ev + 1.0Eh (2	Yes	Υ		1	.9	39	.9	81	-1	E	-1	82		83	-1	ELZ		E	-1				
74	0.9D - 1.0Ev + 1.0Eh (3	Yes	Υ		1	.9	39	.9	81	-1	E	-1	82	.5	83	866	ELZ	.5	E	866	6			
75	0.9D - 1.0Ev + 1.0Eh (3	Yes	Υ		1	.9	39	.9	81	-1	E	-1	82	.866	83	5	ELZ	.866	E	5				

**Joint Coordinates and Temperatures** 

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap
1	N1	6.25	0	3.893857	0	
2	N2	-6.25	0	3.893857	0	
3	N3	0	0	-1.375	0	
4	N5	-2.541667	0	-2.875	0	
5	N6	2.315104	0.166667	-2.875	0	
6	N7	-2.315104	0.166667	-2.875	0	
7	N24	0	0	-2.875	0	
8	N27	0	0	-6.5625	0	
9	CP	0	0	0	0	
10	N29	2.315104	0	-2.875	0	
11	N30	-2.315104	0	-2.875	0	
12	N101	2.541667	0	-2.875	0	
13	N102	-0.166667	0	-2.875	0	
14	N103A	0.166667	0	-2.875	0	
15	N104A	-2.541667	0	-3.09375	0	
16	N105	2.541667	0	-3.09375	0	
17	N131	2.458333	0	-3.238088	0	
18	N135	0.571615	0	-6.465523	0	
19	N144	-2.458333	0	-3.238088	0	
20	N148	-0.571615	0	-6.465523	0	
21	N86A	2.584629	0	-3.311004	0	
22	N86B	-2.584629	0	-3.311004	0	
23	N86C	-0.515625	0	-6.5625	0	
24	N87A	0.515625	0	-6.5625	0	
25	N86D	0.715429	0	-6.548554	0	
26	N86E	-0.715429	0	-6.548554	0	
27	N88A	0	0	-6.479167	0	
28	N87C	0.234238	0.166667	-6.479167	0	
29	N86G	0.234238	0	-6.479167	0	
30	N87B	-0.234238	0.166667	-6.479167	0	
31	N88C	-0.234238	0	-6.479167	0	
32	N32	-1.190785	0	0.6875	0	
33	N33	-1.21899	0	3.638648	0	
34	N34	-3.647375	0.166667	-0.567439	0	
35	N35	-1.332271	0.166667	3.442439	0	
36	N36	-2.489823	0	1.4375	0	
37	N37	-5.683292	0	3.28125	0	
38	N39	-3.647375	0	-0.567439	0	
39	N40	-1.332271	0	3.442439	0	
40	N41	-3.760656	0	-0.763648	0	
41	N42	-2.40649	0	1.581838	0	
42	N43	-2.573156	0	1.293162	0	
43	N44	-1.408433	0	3.748023	0	
44	N45	-3.950099	0	-0.654273	Ö	
45	N46	-4.033433	0	-0.509935	0	
46	N47	-5.885115	0	2.737729	0	
47	N48	-1.575099	0	3.748023	0	
48	N49	-5.3135	0	3.727794	0	

Joint Coordinates and Temperatures (Continued)

JUIII	<u>t Coordinates and Tem</u>	peratures (CO	iitiiiueu)			
	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap
49	N50	-4.159728	0	-0.582852	0	Botaon From Blap
50	N51	-1.575099	0	3.893857	0	
51	N52	-5.425479	0	3.727794	0	
52	N53	-5.941104	0	2.834706	0	
53	N54	-6.028929	0	2.654698	0	
54	N55	-5.3135	0	3.893857	0	
55	N56	-5.611123	0	3.239583	0	
56	N57	-5.728242	0.166667	3.036728	0	
57	N58	-5.728242	0	3.036728	0	
58	N59	-5.494004	0.166667	3.442439	0	
59	N60	-5.494004	0	3.442439	0	
60	N61	1.190785	0	0.6875	0	
61	N62	3.760656	0	-0.763648	0	
62	N63	1.332271	0.166667	3.442439	0	
63	N64	3.647375	0.166667	-0.567439	0	
64	N65	2.489823	0	1.4375	0	
65	N66	5.683292	0	3.28125	0	
66	N68	1.332271	0	3.442439	0	
67	N69	3.647375	0	-0.567439	0	
68	N70		0		0	
		1.21899		3.638648		
69	N71	2.573156	0	1.293162	0	
70	N72	2.40649	0	1.581838	0	
71	N73	3.950099	0	-0.654273	0	
72	N74	1.408433	0	3.748023	0	
73	N75	1.575099	0	3.748023	0	
74	N76	5.3135	0	3.727794	0	
75	N77	4.033433	0	-0.509935	0	
76	N78	5.885115	0	2.737729	0	
77	N79	1.575099	0	3.893857	0	
78	N80	4.159728	0	-0.582852	0	
79	N81	5.941104	0	2.834706	0	
80	N82	5.425479	0	3.727794	0	
81	N83	5.3135	0	3.893857	0	
82	N84	6.028929	0	2.654698	0	
83	N85	5.611123	0	3.239583	0	
84	N86	5.494004	0.166667	3.442439	0	
85	N87	5.494004	0	3.442439	0	
86	N88	5.728242	0.166667	3.036728	0	
87	N89	5.728242	0	3.036728	0	
88	N88B	0.247179	0	-7.359587	0	
89	N89A	6.497179	0	3.46573	0	
90	N91	-6.497179	0	3.46573	0	
91	N92	-0.247179	0	-7.359587	0	
92	N98	7.083333	3.833333	3.893857	0	
93	N99	-6.583333	3.833333	3.893857	0	
94	N95	-0.169488	3.833333	-8.081275	0	
95	N96	6.663845	3.833333	3.754406	0	
96	N98A	-6.913845	3.833333	4.187418	0	
97	N99A	-0.080512	3.833333	-7.648262	0	
98	N98B	5.916667	0.00000	3.893857	0	
99	N99B	3.833333	0	3.893857	0	
100	N100	0	0	3.893857	0	
101	N101A	-3.916667	0	3.893857	0	
102	N102A	-5.916667	0	3.893857	0	
103	N103	5.916667	3.833333	3.893857	0	
104	N104	3.833333	3.833333	3.893857	0	
105	N105A	0	3.833333	3.893857	0	

### Joint Coordinates and Temperatures (Continued)

	condinates and Ten		патава,			
	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap
106	N106	-3.916667	3.833333	3.893857	0	
107	N107	-5.916667	3.833333	3.893857	0	
108	N108	5.916667	0	4.143857	0	
			-			
109	N109	3.833333	0	4.143857	0	
110	N110	0	0	4.143857	0	
111	N111	-3.916667	0	4.143857	0	
112	N112	-5.916667	0	4.143857	0	
113	N113	5.916667	3.833333	4.143857	0	
114	N114	3.833333	3.833333	4.143857	0	
115	N115	0	3.833333	4.143857	0	
116	N116	-3.916667	3.833333	4.143857	0	
117	N117	-5.916667	3.833333	4.143857	0	
118	N118	5.916667	4.333333	4.143857	0	
119	N119	3.833333	4.333333	4.143857	0	
120	N120	-3.916667	4.333333	4.143857	0	
121	N121	-5.916667	4.333333	4.143857	0	
122	N122	5.916667	-1.666667	4.143857	0	
123	N123	3.833333	-1.666667	4.143857	0	
124	N124	-3.916667	-1.666667	4.143857	0	
125	N125	-5.916667	-1.666667	4.143857	0	
126	N126	0	4.916667	4.143857	0	
127	N127	0	-7.583333	4.143857	0	
128	N129	0.413845	0	-7.070912	0	
129	N130	1.455512	0	-5.266692	0	
130	N131A	3.372179	0	-1.946928	0	
131	N132	5.330512	0	1.445005	0	
132	N133	6.330512	0	3.177055	0	
133	N134	0.413845	3.833333	-7.070912	0	
134	N135A	1.455512	3.833333	-5.266692	0	
135	N136	3.372179	3.833333	-1.946928	0	
136	N137	5.330512	3.833333	1.445005	0	
137	N138	6.330512	3.833333	3.177055	0	
138	N139	0.630352	0	-7.195912	0	
	N140	1.672018	0			
139				-5.391692	0	
140	N141	3.588685	0	-2.071928	0	
141	N142	5.547018	0	1.320005	0	
142	N143	6.547018	0	3.052055	0	
143	N144A	0.630352	3.833333	-7.195912	0	
144	N145	1.672018	3.833333	-5.391692	0	
145	N146	3.588685	3.833333	-2.071928	0	
146	N147	5.547018	3.833333	1.320005	0	
147	N148A	6.547018	3.833333	3.052055	0	
148	N149	0.630352	4.333333	-7.195912	0	
149	N150	1.672018	4.333333	-5.391692	0	
150	N151	5.547018	4.333333	1.320005	0	
151	N152	6.547018	4.333333	3.052055	0	
152	N153	0.630352	-1.666667	-7.195912	0	
153	N154	1.672018	-1.666667	-5.391692	0	
154	N155	5.547018	-1.666667	1.320005	0	
155						
	N156	6.547018	-1.666667	3.052055	0	
156	N157	3.588685	4.916667	-2.071928	0	
157	N158	3.588685	-7.583333	-2.071928	0	
158	N160	-6.330512	0	3.177055	0	
159	N161	-5.288845	0	1.372836	0	
160	N162	-3.372179	0	-1.946928	0	
161	N163	-1.413845	0	-5.338861	0	
162	N164	-0.413845	0	-7.070912	0	
102	11104	-0.413043	U	-1.010912	U	

### Joint Coordinates and Temperatures (Continued)

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

#### **Hot Rolled Steel Section Sets**

	Label	Shape	Туре	Design List	Material	Design	A [in2]	lyy [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 Rec	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL3/8x6	Beam	BAR	A36 Gr.36	Typical	2.25	.026	6.75	.101
4	Platform Crossmember	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rec	Typical	3.37	7.8	7.8	12.8



### Hot Rolled Steel Section Sets (Continued)

	Label	Shape	Type	Design List	Material	Design	A [in2]	lyy [in4]	Izz [in4]	_J [in4]_
5	Grating Support	L2x2x2	Beam	Pipe	A53 Gr.B	Typical	.491	.189	.189	.003
6	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Dual Mount Pipe	PIPE 2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89

**Hot Rolled Steel Properties** 

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

**Member Primary Data** 

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Туре	Design List	Material	Design Rules
1	M1	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz	Beam	SquareTube		Typical
3	M10	N101	N103A			Platform Cross	Beam	SquareTube		Typical
4	M43	N102	N5			Platform Cross	Beam	SquareTube	A500 Gr.B	Typical
5	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
6	M35A	N7	N30			RIGID	None	None	RIGID	Typical
7	M36A	N6	N29			RIGID	None	None	RIGID	Typical
8	M51B	N87C	N6			<b>Grating Support</b>		Pipe	A53 Gr.B	Typical
9	M52B	N7	N87B			<b>Grating Support</b>	Beam	Pipe	A53 Gr.B	Typical
10	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
11	M58	N102	N24			RIGID	None	None	RIGID	Typical
12	M59	N24	N103A			RIGID	None	None	RIGID	Typical
13	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
15	M79	N131	N86A			RIGID	None	None	RIGID	Typical
16	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
17	M83	N135	N86D			RIGID	None	None	RIGID	Typical
18	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
20	M88	N144	N86B			RIGID	None	None	RIGID	Typical
21	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
22	M92	N148	N86E			RIGID	None	None	RIGID	Typical
23	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
24	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
25	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
26	M26	N32	N37			Standoff Horiz	Beam	SquareTube		Typical
27	M27	N41	N43			Platform Cross	Beam	SquareTube	A500 Gr.B	Typical
28	M28	N42	N33			Platform Cross	Beam	SquareTube	A500 Gr.B	Typical
29	M29	N52	N53			Corner Plate	Beam	BAR	A36 Gr.36	Typical
30	M30	N35	N40			RIGID	None	None	RIGID	Typical
31	M31	N34	N39			RIGID	None	None	RIGID	Typical
32	M32	N57	N34			<b>Grating Support</b>		Pipe	A53 Gr.B	Typical
33	M33	N35	N59			<b>Grating Support</b>	Beam	Pipe	A53 Gr.B	Typical
34	M34	N59	N60			RIGID	None	None	RIGID	Typical
35	M35	N42	N36			RIGID	None	None	RIGID	Typical

### **Member Primary Data (Continued)**

	oci i iiiiiai	, D a.ta.   C	Ziii.iii.c.ic	<u>,</u>						
	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
36	M36	N36	N43			RIGID	None	None	RIGID	Typical
37	M37	N41	N45			Cross Arm Plate	Column		A36 Gr.36	Typical
38	M38	N45	N46			Cross Arm Plate		RECT	A36 Gr.36	Typical
39	M39	N46	N50			RIGID	None	None	RIGID	Typical
40	M40	N53	N47			Corner Plate		BAR	A36 Gr.36	Typical
41	M41	N47	N54			RIGID	None	None	RIGID	Typical
42	M42	N33	N44			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
43	M43A	N44	N48			Cross Arm Plate		RECT	A36 Gr.36	Typical
44	M44	N48	N51			RIGID	None	None	RIGID	Typical
45	M45	N52	N49			Corner Plate		BAR	A36 Gr.36	Typical
46	M46A	N49	N55			RIGID	None	None	RIGID	Typical
47	M47	N60	N56			RIGID	None	None	RIGID	Typical
48	M48	N56	N58			RIGID	None	None	RIGID	Typical
49	M49	N57	N58			RIGID	None	None	RIGID	Typical
50	M50A	N61	N66			Standoff Horiz	Beam	SquareTube	A500 Gr.B	Typical
51	M51C	N70	N72			Platform Cross		SquareTube	A500 Gr.B	Typical
52	M52A	N71	N62			Platform Cross		SquareTube	A500 Gr.B	Typical
53	M53	N81	N82			Corner Plate		BAR	A36 Gr.36	Typical
54	M54	N64	N69			RIGID	None	None	RIGID	Typical
55	M55	N63	N68			RIGID	None	None	RIGID	Typical
56	M56	N86	N63			Grating Support		Pipe	A53 Gr.B	Typical
57	M57	N64	N88			Grating Support		Pipe	A53 Gr.B	Typical
58	M58A	N88	N89			RIGID	None	None	RIGID	Typical
59	M59A	N71	N65			RIGID	None	None	RIGID	Typical
60	M60	N65	N72			RIGID	None	None	RIGID	Typical
61	M61	N70	N74			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
62	M62	N74	N75			Cross Arm Plate		RECT	A36 Gr.36	Typical
63	M63	N75	N79			RIGID	None	None	RIGID	Typical
64	M64	N82	N76			Corner Plate		BAR	A36 Gr.36	Typical
65	M65	N76	N83			RIGID	None	None	RIGID	Typical
66	M66	N62	N73			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
67	M67	N73	N77			Cross Arm Plate		RECT	A36 Gr.36	Typical
68	M68	N77	N80			RIGID	None	None	RIGID	Typical
69	M69	N81	N78			Corner Plate		BAR	A36 Gr.36	Typical
70	M70 M71	N78	N84			RIGID	None	None	RIGID	Typical
71	M72	N89	N85			RIGID RIGID	None	None	RIGID	Typical
		N85	N87			RIGID	None	None	RIGID RIGID	Typical
73 74	M73	N86 N88B	N87 N89A			Face Horizontal	None Beam	None Pipe	A53 Gr.B	Typical
75	M74 M75	N91	N92			Face Horizontal		Pipe		
76	M79B	N98	N92 N99			Support Rail	Beam	Pipe	A53 Gr.B A53 Gr.B	Typical
77	M77A	N95	N96			Support Rail		Pipe Pipe	A53 Gr.B	Typical
78	M78	N98A	N99A			Support Rail		Pipe	A53 Gr.B	
79	M79A	N117	N107			RIGID	None	None	RIGID	Typical
80	M80A	N117	N107			RIGID	None	None	RIGID	Typical
81	M81	N112 N111	N102A N101A			RIGID	None	None	RIGID	Typical
82	M82	N116	N106			RIGID	None	None	RIGID	Typical
83	M83A	N115	N105A			RIGID	None	None	RIGID	Typical
84	M84A	N110	N100A			RIGID	None	None	RIGID	Typical
85	M85A	N114	N104			RIGID	None	None	RIGID	Typical
86	M86	N109	N99B			RIGID	None	None	RIGID	Typical
87	M87	N113	N103			RIGID	None	None	RIGID	Typical
88	M88A	N108	N98B			RIGID	None	None	RIGID	Typical
89	MP5A	N121	N125			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	MP4A	N121	N124			Mount Pipe		Pipe	A53 Gr.B	Typical
91	MP2A	N119	N123			Mount Pipe		Pipe	A53 Gr.B	Typical
92	MP1A	N118	N123			Mount Pipe		Pipe	A53 Gr.B	
32	IVIT I/A	11110	IVIZZ			I Modifice Pipe	Columni	Tipe	LUO GI.D	Турісаі

### **Member Primary Data (Continued)**

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

#### Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat	Analysis	Inactive	Seismic
1	M1					·	Yes	Default	ı ,		None
2	M4						Yes				None
3	M10						Yes	Default			None
4	M43						Yes	Default			None
5	M46						Yes	Default			None
6	M35A						Yes	** NA **	:		None
7	M36A						Yes	** NA **	:		None
8	M51B	00000X	00000X				Yes	Default			None
9	M52B	00000X	00000X				Yes	Default			None
10	M52						Yes	** NA **			None

Member Advanced Data (Continued)

		arreca Ba								
	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only		Defl RatAnalysis	Inactive	Seismic
11	<u>M58</u>						Yes	** NA **		None
12	M59						Yes	** NA **		None
13	M76						Yes	** NA **		None
14	M77						Yes	** NA **		None
15	M79		BenPIN				Yes	** NA **		None
16	M80						Yes			None
17	M83		BenPIN				Yes	** NA **		None
18	M84						Yes	** NA **		None
19	M85						Yes	** NA **		None
20	M88		BenPIN				Yes	** NA **		None
21	<u>M91</u>						Yes			None
22	M92		BenPIN				Yes	** NA **		None
23	M50						Yes	** NA **		None
24	M51						Yes	** NA **		None
25	M51A						Yes	** NA **		None
26	M26						Yes			None
27	M27						Yes	Default		None
28	M28						Yes	Default		None
29	M29						Yes	Default		None
30	M30						Yes	** NA **		None
31	M31						Yes	** NA **		None
32	M32	00000X	00000X				Yes	Default		None
33	M33	00000X	00000X				Yes	Default		None
34	M34						Yes	** NA **		None
35	M35						Yes	** NA **		None
36	M36						Yes	** NA **		None
37	M37						Yes	** NA **		None
38	M38						Yes	** NA **		None
39	M39		BenPIN				Yes	** NA **		None
40	M40						Yes			None
41	M41		BenPIN				Yes	** NA **		None
42	M42						Yes	** NA **		None
43	M43A						Yes	** NA **		None
44	M44		BenPIN				Yes	** NA **		None
45	M45						Yes			None
46	M46A		BenPIN				Yes	** NA **		None
47	M47						Yes	** NA **		None
48	M48						Yes	** NA **		None
49	M49						Yes	** NA **		None
50	M50A						Yes			None
51	M51C						Yes	Default	<u> </u>	None
52	M52A						Yes	Default		None
53	M53						Yes	Default		None
54	M54						Yes	** NA **		None
55	M55						Yes	** NA **		None
56	M56	00000X	00000X				Yes	Default		None
57	M57		00000X				Yes	Default		None
58	M58A						Yes	** NA **		None
59	M59A						Yes	** NA **		None
60	M60						Yes	** NA **		None
61	M61						Yes	** NA **		None
62	M62						Yes	** NA **		None
63	M63		BenPIN				Yes	** NA **		None
64	M64						Yes			None
65	M65		BenPIN				Yes	** NA **		None
66	M66		20				Yes	** NA **		None
67	M67						Yes	** NA **		None
_ J1	14107	1					. 00	1 17 1		110110

Member Advanced Data (Continued)

wem	<u>per Aav</u>	<u>anced Da</u>	<u>ta (Contii</u>	<u>nuea) </u>						
	Label	l Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl RatAnalysis	Inactive	Seismic
68	M68		BenPIN			.,	Yes	** NA **		None
69	M69						Yes			None
70	M70		BenPIN				Yes	** NA **		None
71	M71		DOM: N				Yes	** NA **		None
72	M72						Yes	** NA **		None
73	M73						Yes	** NA **		None
74	M74						Yes	Default		None
75	M75						Yes	Default		None
76	M79B						Yes	Default		None
77	M77A						Yes	Default		None
78	M78						Yes	Default		
										None
79	M79A						Yes	** NA ** ** NA **		None
80	M80A						Yes			None
81	M81						Yes	** NA **		None
82	M82						Yes	** NA **		None
83	M83A						Yes	** NA **		None
84	M84A						Yes	** NA **		None
85	M85A						Yes	** NA **		None
86	M86						Yes	** NA **		None
87	M87						Yes	** NA **		None
88	M88A						Yes	** NA **		None
89	MP5A						Yes	** NA **		None
90	MP4A						Yes	** NA **		None
91	MP2A						Yes	** NA **		None
92	MP1A						Yes	** NA **		None
93	MP3A						Yes	** NA **		None
94	M94						Yes	** NA **		None
95	M95						Yes	** NA **		None
96	M96						Yes	** NA **		None
97	M97						Yes	** NA **		None
98	M98						Yes	** NA **		None
99	M99						Yes	** NA **		None
100	M100						Yes	** NA **		None
101	M101						Yes	** NA **		None
102	M102						Yes	** NA **		None
103	M103						Yes	** NA **		None
104	MP5C						Yes	** NA **		None
105	MP4C						Yes	** NA **		None
106	MP2C						Yes	** NA **		None
107	MP1C						Yes	** NA **		None
108	MP3C						Yes	** NA **		None
109	M109						Yes	** NA **		None
110	M110						Yes	** NA **		None
111	M111						Yes	** NA **		None
112	M112						Yes	** NA **		None
113	M113						Yes	** NA **		None
114	M114						Yes	** NA **		None
115	M115						Yes	** NA **		None
116	M116						Yes	** NA **		None
117	M117						Yes	** NA **		None
118	M118						Yes	** NA **		None
119	MP5B						Yes	** NA **		None
120	MP4B						Yes	** NA **		None
121	MP2B						Yes	** NA **		None
122	MP1B						Yes	** NA **		None
123	MP3B						Yes	** NA **		None
124	M130	BenPIN	BenPIN				Yes	** NA **		None
124	W 130	DeliPliN	DenPiN				168	INA		INOTIE



Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl RatAnalysis	Inactive	Seismic
125	M130A					_	Yes	** NA **		None
126	M130B						Yes	** NA **		None
127	M131	BenPIN	BenPIN				Yes	** NA **		None
128	M132						Yes	** NA **		None
129	M133						Yes	** NA **		None
130	M134	BenPIN	BenPIN				Yes	** NA **		None
131	M135						Yes	** NA **		None
132	M136						Yes	** NA **		None
133	M133A						Yes	** NA **		None
134	OVP						Yes	** NA **		None

Member Point Loads (BLC 1 : Antenna D)

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

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

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



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

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

# Member Point Loads (BLC 2 : Antenna Di)

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

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

04	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP3A	Mz Y	007	3
22	MP3B	· · · · · · · · · · · · · · · · · · ·	-10.937	3
23	MP3B	My	.004	3
24	MP3B	Mz	.008	3
25	MP3C	Y	-10.937	3
26	MP3C	My	009	3
27	MP3C	Mz	001	3
28	OVP	Y	-89.297	1
29	OVP	My	0	1
30	OVP	Mz	0	1
31	MP3A	Y	-45.63	3
32	MP3A	My	.023	3
33	MP3A	Mz	0	3
34	MP3B	Y	-45.63	3
35	MP3B	My	011	3
36	MP3B	Mz	.02	3
37	MP3C	Y	-45.63	3
38	MP3C	My	011	3
39	MP3C	Mz	02	3
40	MP4A	Y	-41.04	3.5
41	MP4A	My	.021	3.5
42	MP4A	Mz Y	0	3.5
43	MP4B	-	-41.04	3.5
44	MP4B	My	01 .018	3.5
45	MP4B	Mz Y		3.5
46	MP4C MP4C	My	-41.04 01	3.5
	MP4C MP4C		01 018	3.5
48		Mz Y		
49 50	MP1A MP1A		-90.926	1.75 1.75
	MP1A	My	068 0	1.75
51 52	MP1A	Mz Y	-90.926	5.75
53	MP1A	My		5.75
54	MP1A	Mz	068 0	5.75
55	MP5A	Y	-90.926	1.75
56	MP5A	My	-90.920	1.75
57	MP5A	Mz	008	1.75
58	MP5A	Y	-90.926	5.75
59	MP5A	My	068	5.75
60	MP5A	Mz	0	5.75
61	MP3A	Y	-71.048	1.75
62	MP3A	My	053	1.75
63	MP3A	Mz	.047	1.75
64	MP3A	Y	-71.048	5.75
65	MP3A	My	053	5.75
66	MP3A	Mz	.047	5.75
67	MP3B	Y	-71.048	1.75
68	MP3B	My	014	1.75
69	MP3B	Mz	07	1.75
70	MP3B	Y	-71.048	5.75
71	MP3B	My	014	5.75
72	MP3B	Mz	07	5.75
73	MP3C	Y	-71.048	1.75
74	MP3C	My	.068	1.75
75	MP3C	Mz	.022	1.75
76	MP3C	Y	-71.048	5.75
77	MP3C	My	.068	5.75

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

	Fornt Loads (BLC 2		-	
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP3C	Mz	.022	5.75
79	MP3A	Y	-71.048	1.75
80	MP3A	My	053	1.75
81	MP3A	Mz	047	1.75
82	MP3A	Υ	-71.048	5.75
83	MP3A	My	053	5.75
84	MP3A	Mz	047	5.75
85	MP3B	Y	-71.048	1.75
86	MP3B	My	.068	1.75
87	MP3B	Mz	022	1.75
88	MP3B	Y	-71.048	5.75
89	MP3B	My	.068	5.75
90	MP3B	Mz	022	5.75
91	MP3C	Y	-71.048	1.75
92	MP3C	My	014	1.75
93	MP3C	Mz	.07	1.75
94	MP3C	Y	-71.048	5.75
95	MP3C	My	014	5.75
96	MP3C	Mz	.07	5.75
97	MP1C	Y	-40.943	1.63
98	MP1C	My	.015	1.63
99	MP1C	Mz	.027	1.63
100	MP1C	Y	-40.943	5.88
101	MP1C	My	.015	5.88
102	MP1C	Mz	.027	5.88
103	MP5C	Y	-40.943	1.63
104	MP5C	My	.015	1.63
105	MP5C	Mz	.027	1.63
106	MP5C	Y	-40.943	5.88
107	MP5C	My	.015	5.88
108	MP5C	Mz	.027	5.88
109	MP1B	Y	-90.926	1.63
110	MP1B	My	.034	1.63
111	MP1B	Mz	059	1.63
112	MP1B	Y	-90.926	5.88
113	MP1B	My	.034	5.88
114	MP1B	Mz	059	5.88
115	MP5B	Y	-90.926	1.63
116	MP5B	My	.034	1.63
117	MP5B	Mz	059	1.63
118	MP5B	Y	-90.926	5.88
119	MP5B	My	.034	5.88
120	MP5B	Mz	059	5.88
121	M79B	Y	-17.649	7.75
122	M79B	My	.003	7.75
123	M79B	Mz	0	7.75
124	M78	Y	-17.649	7.75
125	M78	My	001	7.75
126	M78	Mz	.003	7.75
127	M79B	Y	-17.649	7.75
128	M79B	My	.003	7.75
129	M79B	Mz	<u>.003</u> 0	7.75
	N78	Y	<u> </u>	7.75
130	N78 M78		-17.649 001	7.75
131		My		
132	M78	Mz	.003	7.75

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

	DCI I OIIIL EOUUS (DEO U			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2.75
2	MP2A	Z	-68.632	2.75
3	MP2A	Mx	0	2.75
4	MP2A	X	0	4.75
		Z		
5	MP2A		-68.632	4.75
6	MP2A	Mx	0	4.75
7	MP2B	X	0	2.75
8	MP2B	Z	-34.885	2.75
9	MP2B	Mx	.023	2.75
10	MP2B	X	0	4.75
11	MP2B	Z	-34.885	4.75
12	MP2B	Mx	.023	4.75
13	MP2C	X	0	2.75
14	MP2C	Z	-34.885	2.75
15				
	MP2C	Mx	023	2.75
16	MP2C	X	0	4.75
17	MP2C	Z	-34.885	4.75
18	MP2C	Mx	023	4.75
19	MP3A	X	0	3
20	MP3A	Z	-12.956	3
21	MP3A	Mx	.009	3
22	MP3B	X	0	3
23	MP3B	Z	-9.962	3
24	MP3B	Mx	008	3
25	MP3C	X	0	3
		Z		
26	MP3C		-9.962	3
27	MP3C	Mx	.000993	3
28	OVP	X	0	1
29	OVP	Z	-133.741	1
30	OVP	Mx	0	1
31	MP3A	X	0	3
32	MP3A	Z	-54.275	3
33	MP3A	Mx	0	3
34	MP3B	X	0	3
35	MP3B	Z	-40.882	3
	MP3B			3
36		Mx	018	
37	MP3C	X	0	3
38	MP3C	Z	-40.882	3
39	MP3C	Mx	.018	3
40	MP4A	X	0	3.5
41	MP4A	Z	-54.275	3.5
42	MP4A	Mx	0	3.5
43	MP4B	X	0	3.5
44	MP4B	Z	-35.892	3.5
45	MP4B	Mx	016	3.5
46	MP4C	X	0	3.5
47	MP4C	Z	-35.892	3.5
48	MP4C	Mx	.016	3.5
49	MP1A	X	0	1.75
50	MP1A		-170.88	1.75
51	MP1A	Mx	0	1.75
52	MP1A	X	0	5.75
53	MP1A	Z	-170.88	5.75
54	MP1A	Mx	0	5.75
55	MP5A	X	0	1.75
56	MP5A	Z	-170.88	1.75
57	MP5A	Mx	0	1.75
J1	IVIFOA	IVIA	U	1.10

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

	er Point Loads (BLC 3	-		
EO	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5A MP5A	X Z	0 -170.88	5.75 5.75
59				5.75
60	MP5A MP3A	Mx X	<u> </u>	1.75
61	MP3A	Z	-159.499	1.75
63	MP3A	Mx		1.75
64	MP3A	X	106 0	5.75
65	MP3A	Z	-159.499	5.75
66	MP3A	Mx	106	5.75
67	MP3B	X	0	1.75
68	MP3B	Z	-118.443	1.75
69	MP3B	Mx	.116	1.75
70	MP3B	X	0	5.75
71	MP3B	Z	-118.443	5.75
72	MP3B	Mx	.116	5.75
73	MP3C	X	0	1.75
74	MP3C	Z	-118.443	1.75
75	MP3C	Mx	037	1.75
76	MP3C	X	0	5.75
77	MP3C	Z	-118.443	5.75
78	MP3C	Mx	037	5.75
79	MP3A	X	0	1.75
80	MP3A	Z	-159.499	1.75
81	MP3A	Mx	.106	1.75
82	MP3A	X	0	5.75
83	MP3A	Z	-159.499	5.75
84	MP3A	Mx	.106	5.75
85	MP3B	X	0	1.75
86	MP3B	Z	-118.443	1.75
87	MP3B	Mx	.037	1.75
88	MP3B	Х	0	5.75
89	MP3B	Z	-118.443	5.75
90	MP3B	Mx	.037	5.75
91	MP3C	X	0	1.75
92	MP3C	Z	-118.443	1.75
93	MP3C	Mx	116	1.75
94	MP3C	X	0	5.75
95	MP3C	Z	-118.443	5.75
96	MP3C	Mx	116	5.75
97	MP1C	X	0	1.63
98	MP1C	Z	-82.317	1.63
99	MP1C	Mx	053	1.63
100	MP1C	X	0	5.88
101	MP1C	Z	-82.317	5.88
102	MP1C	Mx	053	5.88
103	MP5C	X	0	1.63
104	MP5C		-82.317	1.63
105	MP5C	Mx	053	1.63
106	MP5C	X	0	5.88
107	MP5C	Z	-82.317	5.88
108	MP5C	Mx	053	5.88
109	MP1B	X	0	1.63
110	MP1B	Z	-155.691	1.63
111	MP1B	Mx	.101	1.63
112	MP1B	X	0	5.88
113	MP1B	Z	-155.691	5.88
114	MP1B	Mx	.101	5.88

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

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

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

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

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

	ber Form Loads (BLC 4	-		
26	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36 37	MP3B MP3C	Mx X	018 24.905	3 3
		Z	-43.137	3
38	MP3C MP3C		-43.13 <i>1</i> .012	3
39 40	MP4A	Mx X	24.074	3.5
	MP4A	Z		
41	MP4A MP4A	Mx	-41.697 .012	3.5
43	MP4B	X	14.882	3.5
44	MP4B	Z	-25.776	3.5
45	MP4B	Mx	-23.776 015	3.5
46	MP4C	X	24.074	3.5
47	MP4C	Z	-41.697	3.5
48	MP4C	Mx	.012	3.5
49	MP1A	X	82.908	1.75
50	MP1A	Z	-143.602	1.75
51	MP1A	Mx	062	1.75
52	MP1A	X	82.908	5.75
53	MP1A	Z	-143.602	5.75
54	MP1A	Mx	062	5.75
55	MP5A	X	82.908	1.75
56	MP5A	Z	-143.602	1.75
57	MP5A	Mx	062	1.75
58	MP5A	X	82.908	5.75
59	MP5A MP5A	Z	-143.602	5.75
60	MP5A	Mx	062	5.75
61	MP3A	X	72.907	1.75
62	MP3A	Z	-126.279	1.75
63	MP3A	Mx	-120.279 139	1.75
64	MP3A	X	72.907	5.75
65	MP3A	Z	-126.279	5.75
66	MP3A	Mx	139	5.75
67	MP3B	X	52.379	1.75
68	MP3B	Z	-90.722	1.75
69	MP3B	Mx	.079	1.75
70	MP3B	X	52.379	5.75
71	MP3B	Z	-90.722	5.75
72	MP3B	Mx	.079	5.75
73	MP3C	X	72.907	1.75
74	MP3C	Z	-126.279	1.75
75	MP3C	Mx	.03	1.75
76	MP3C		72.907	5.75
77	MP3C	X Z	-126.279	5.75
78	MP3C	Mx	.03	5.75
79	MP3A	X	72.907	1.75
80	MP3A	Z	-126.279	1.75
81	MP3A	Mx	.03	1.75
82	MP3A	X	72.907	5.75
83	MP3A	Z	-126.279	5.75
84	MP3A	Mx	.03	5.75
85	MP3B	X	52.379	1.75
86	MP3B	Z	-90.722	1.75
87	MP3B	Mx	.079	1.75
88	MP3B	X	52.379	5.75
89	MP3B	Z	-90.722	5.75
90	MP3B	Mx	.079	5.75
91	MP3C	X	72.907	1.75
92	MP3C	Z	-126.279	1.75
92	IVIPOU	L	-120.279	1./3

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

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

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

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

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

mom	ber Form Loads (BLC 5	-		
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP2C	Z	-34.316	2.75
15	MP2C	Mx	0	2.75
16	MP2C	X	59.437	4.75
17	MP2C	Z	-34.316	4.75
18	MP2C	Mx	0	4.75
19	MP3A	X	8.627	3
20	MP3A	Z	-4.981	3
21	MP3A	Mx	.008	3
22	MP3B	X	8.627	3
23	MP3B	Z	-4.981	3
24	MP3B	Mx	000993	3
25	MP3C	X	11.22	3
26	MP3C	Z	-6.478	3
27	MP3C	Mx	009	3
28	OVP	X	93.932	1
29	OVP	Z	-54.232	1
30	OVP	Mx	0	1
31	MP3A	X	35.404	3
32	MP3A	Z	-20.441	3
33	MP3A	Mx	.018	3
34	MP3B	X	35.404	3
35	MP3B	Z	-20.441	3
36	MP3B	Mx	018	3
37	MP3C	X	47.004	3
38	MP3C	Z	-27.138	3
39	MP3C	Mx	0	3
40	MP4A		31.083	3.5
		X Z		
41	MP4A		<u>-17.946</u>	3.5
42	MP4A	Mx	.016	3.5
43	MP4B	X	31.083	3.5
44	MP4B	Z	-17.946	3.5
45	MP4B	Mx	016	3.5
46	MP4C	X	47.004	3.5
47	MP4C	Z	-27.138	3.5
48	MP4C	Mx	0	3.5
49	MP1A	X	134.833	1.75
50	MP1A	Z	-77.846	1.75
51	MP1A	Mx	101	1.75
52	MP1A	X	134.833	5.75
53	MP1A	Z	-77.846	5.75
54	MP1A	Mx	101	5.75
55	MP5A	X	134.833	1.75
56	MP5A	Z	-77.846	1.75
57	MP5A	Mx	101	1.75
58	MP5A	X	134.833	5.75
59	MP5A	Z	-77.846	5.75
60	MP5A	Mx	101	5.75
61	MP3A	X	102.574	1.75
62	MP3A	Z	-59.221	1.75
63	MP3A	Mx	116	1.75
64	MP3A	X	102.574	5.75
65	MP3A	Z	-59.221	5.75
66	MP3A	Mx	116	5.75
67	MP3B	X	102.574	1.75
68	MP3B	Z	-59.221	1.75
69	MP3B	Mx	.037	1.75
70	MP3B	X	102.574	5.75
	05		. 02101 1	5.1.0

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

	Mambaulahal			Leasting [# 0/1
71	Member Label MP3B	Direction Z	Magnitude[lb,k-ft] -59.221	Location[ft,%] 5.75
72	MP3B	Mx	.037	5.75
73	MP3C	X	138.131	1.75
74	MP3C	Z	-79.75	1.75
75	MP3C	Mx	.106	1.75
76	MP3C	X	138.131	5.75
77	MP3C	Z	-79.75	5.75
78	MP3C	Mx	.106	5.75
79	MP3A	X	102.574	1.75
80	MP3A	Z	-59.221	1.75
81	MP3A	Mx	037	1.75
82	MP3A	X	102.574	5.75
83	MP3A	Z	-59.221	5.75
84	MP3A	Mx	037	5.75
85	MP3B	X	102.574	1.75
86	MP3B	Z	-59.221	1.75
87	MP3B	Mx	.116	1.75
88	MP3B	X	102.574	5.75
89	MP3B	Z	-59.221	5.75
90	MP3B	Mx	.116	5.75
91	MP3C	X	138.131	1.75
92	MP3C	Z	-79.75	1.75
93	MP3C	Mx	106	1.75
94	MP3C	X	138.131	5.75
95	MP3C	Z	-79.75	5.75
96	MP3C	Mx	106	5.75
97	MP1C	X	39.574	1.63
98	MP1C	Z	-22.848	1.63
99	MP1C	Mx	0	1.63
100	MP1C	X	39.574	5.88
101	MP1C	Z	-22.848	5.88
102	MP1C	Mx	0	5.88
103	MP5C	X	39.574	1.63
104	MP5C	Z	-22.848	1.63
105	MP5C	Mx	0	1.63
106	MP5C	X	39.574	5.88
107	MP5C	Z	-22.848	5.88
108	MP5C	Mx	0	5.88
109	MP1B	X	134.833	1.63
110	MP1B	Z	-77.846	1.63
111	MP1B	Mx	.101	1.63
112	MP1B	X	134.833	5.88
113	MP1B	Z	-77.846	5.88
114	MP1B	Mx	.101	5.88
115	MP5B	X	134.833	1.63
116	MP5B	Z	-77.846	1.63
117	MP5B	Mx	.101	1.63
118	MP5B	X	134.833	5.88
119	MP5B	Z	-77.846	5.88
120	MP5B	Mx	.101	5.88
121	M79B	X	13.9	7.75
122	M79B	Z	-8.025	7.75
123	M79B	Mx	.002	7.75
124	M78	X	13.9	7.75
125	M78	Z	-8.025	7.75
126	M78	Mx	002	7.75
127	M79B	X	13.9	7.75



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

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

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

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

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

	Marshand abad	-		l #: Ff4 0/ 1
40	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49 50	MP1A MP1A	X	150.628 0	1.75 1.75
51	MP1A	Mx	113	1.75
52	MP1A	X	150.628	5.75
53	MP1A	Z	0	5.75
54	MP1A	Mx	113	5.75
55	MP5A	X	150.628	1.75
	MP5A	Z	0	1.75
56 57	MP5A	Mx	113	1.75
58	MP5A	X	150.628	5.75
59	MP5A	Z	0	5.75
60	MP5A	Mx	113	5.75
61	MP3A	X	104.757	1.75
62	MP3A	Z	0	1.75
63	MP3A	Mx	079	1.75
64	MP3A	X	104.757	5.75
65	MP3A	Z	0	5.75
66	MP3A	Mx	079	5.75
67	MP3B	X	145.814	1.75
68	MP3B	Z	0	1.75
69	MP3B	Mx	03	1.75
70	MP3B	X	145.814	5.75
71	MP3B	Z	0	5.75
72	MP3B	Mx	03	5.75
73	MP3C	X	145.814	1.75
74	MP3C	Z	0	1.75
75	MP3C	Mx	.139	1.75
76	MP3C	X	145.814	5.75
77	MP3C	Z	0	5.75
78	MP3C	Mx	.139	5.75
79	MP3A	X	104.757	1.75
80	MP3A	Z	0	1.75
81	MP3A	Mx	079	1.75
82	MP3A	X	104.757	5.75
83	MP3A	Z	0	5.75
84	MP3A	Mx	079	5.75
85	MP3B	X	145.814	1.75
86	MP3B	Z	0	1.75
87	MP3B	Mx	.139	1.75
88	MP3B	X	145.814	5.75
89	MP3B	Z	0	5.75
90	MP3B	Mx	.139	5.75
91	MP3C	X	145.814	1.75
92	MP3C	Z	0	1.75
93	MP3C	Mx	03	1.75
94	MP3C	X	145.814	5.75
95	MP3C	Z	0	5.75
96	MP3C	Mx	03	5.75
97	MP1C	X	57.903	1.63
98	MP1C		0	1.63
99	MP1C	Mx	.022	1.63
100	MP1C	X	57.903	5.88
101	MP1C	Z	0	5.88
102	MP1C	Mx	.022	5.88
103	MP5C	X	57.903	1.63
104	MP5C	Z	0	1.63
105	MP5C	Mx	.022	1.63

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

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

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP3C	Mx	008	3
28	OVP	X	115.823	1
29	OVP	Z	66.87	1
30	OVP	Mx	0	1
31	MP3A	X	35.404	3
32	MP3A	Z	20.441	3
33	MP3A	Mx	.018	3
34	MP3B	X	47.004	3
35	MP3B	Z	27.138	3
36	MP3B	Mx	0	3
37	MP3C	X	35.404	3
38	MP3C	Z	20.441	3
39	MP3C	Mx	018	3
40	MP4A	X	31.083	3.5
41	MP4A	Z	17.946	3.5
42	MP4A	Mx	.016	3.5
43	MP4B	X	47.004	3.5
44	MP4B	Z	27.138	3.5
45	MP4B	Mx	0	3.5
46	MP4C	X	31.083	3.5
47	MP4C	Z	17.946	3.5
48	MP4C	Mx	016	3.5
49	MP1A	X	134.833	1.75
50	MP1A	Z	77.846	1.75
51	MP1A	Mx	101	1.75
52	MP1A	X	134.833	5.75
53	MP1A	Z	77.846	5.75
54	MP1A	Mx	101	5.75
55	MP5A	X	134.833	1.75
56	MP5A	Z	77.846	1.75
57	MP5A	Mx	101	1.75
58	MP5A	X	134.833	5.75
59	MP5A	Z	77.846	5.75
60	MP5A	Mx	101	5.75
61	MP3A	X	102.574	1.75
62	MP3A	Z	59.221	1.75
63	MP3A	Mx	037	1.75
64	MP3A	X Z	102.574	5.75
65	MP3A		59.221	5.75
66 67	MP3A MP3B	Mx	037 138.131	5.75 1.75
68	MP3B MP3B	X Z	79.75	1.75
69	MP3B	Mx	106	1.75
70	MP3B MP3B	X	138.131	5.75
71	MP3B	Z	79.75	5.75
72	MP3B	Mx	106	5.75
73	MP3C	X	102.574	1.75
74	MP3C	Z	59.221	1.75
75	MP3C	Mx	.116	1.75
76	MP3C	X	102.574	5.75
77	MP3C	Z	59.221	5.75
78	MP3C	Mx	.116	5.75
79	MP3A	X	102.574	1.75
80	MP3A	Z	59.221	1.75
81	MP3A	Mx	116	1.75
82	MP3A	X	102.574	5.75
83	MP3A	Z	59.221	5.75
00	IVII JA		JJ.ZZ I	5.15

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

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

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

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

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

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

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

	Dei Politi Loaus (BLC o	-		
62	Member Label	Direction Z	Magnitude[lb,k-ft]	Location[ft,%]
63	MP3A MP3A	Mx	.03	1.75 1.75
		X	72.907	5.75
64	MP3A	Z		
65	MP3A		126.279	5.75
66	MP3A	Mx	.03	5.75
67	MP3B	X	72.907	1.75
68	MP3B		126.279	1.75
69	MP3B	Mx	139	1.75
70	MP3B	X	72.907	5.75
71	MP3B	Z	126.279	5.75
72	MP3B	Mx	139	5.75
73	MP3C	X	52.379	1.75
74 75	MP3C MP3C		90.722 .079	1.75 1.75
		Mx		
76 77	MP3C	X Z	52.379	5.75
	MP3C		90.722 .079	5.75
78	MP3C	Mx	72.907	5.75
79	MP3A MP3A	X Z		1.75
80			126.279	1.75
81	MP3A	Mx	139	1.75
82	MP3A	X Z	72.907	5.75
83	MP3A		126.279	5.75 5.75
84	MP3A	Mx	139 73.007	
85	MP3B MP3B	X Z	72.907	1.75 1.75
86			126.279	
87	MP3B	Mx	.03	1.75
88	MP3B	X Z	72.907	5.75
89	MP3B		126.279	5.75
90	MP3B	Mx	.03	5.75
91	MP3C	X Z	52.379	1.75
92	MP3C		90.722	1.75
93	MP3C	Mx	.079	1.75
94	MP3C	X Z	52.379	5.75
95	MP3C		90.722	5.75
96	MP3C	Mx	.079	5.75
97	MP1C MP1C	X Z	47.262	1.63
	MP1C		81.86	1.63
99	MP1C MP1C	Mx X	.071 47.262	1.63
101	MP1C	Z	81.86	5.88 5.88
101	MP1C MP1C	Mx	.071	5.88
102	MP5C	X	47.262	1.63
103	MP5C MP5C	Z	81.86	1.63
105	MP5C MP5C	Mx	.071	1.63
106	MP5C	X	47.262	5.88
107	MP5C MP5C	Z	81.86	5.88
107	MP5C MP5C	Mx	.071	5.88
108	MP1B	X	82.908	1.63
110	MP1B	Z	143.602	1.63
111	MP1B		062	1.63
112	MP1B	Mx	062 82.908	5.88
113		X Z		
	MP1B		143.602	5.88
114	MP1B MP6P	Mx	062	5.88
115	MP5B	X Z	82.908	1.63
116	MP5B		143.602	1.63
117	MP5B	Mx	062	1.63
118	MP5B	X	82.908	5.88



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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2.75
2	MP2A	Z	68.632	2.75
3	MP2A	Mx	0	2.75
4	MP2A	X	0	4.75
5	MP2A	Ζ	68.632	4.75
6	MP2A	Mx	0	4.75
7	MP2B	Χ	0	2.75
8	MP2B	Z	34.885	2.75
9	MP2B	Mx	023	2.75
10	MP2B	Х	0	4.75
11	MP2B	Z	34.885	4.75
12	MP2B	Mx	023	4.75
13	MP2C	Χ	0	2.75
14	MP2C	Z	34.885	2.75
15	MP2C	Mx	.023	2.75
16	MP2C	Х	0	4.75
17	MP2C	Z	34.885	4.75
18	MP2C	Mx	.023	4.75
19	MP3A	X	0	3
20	MP3A	Z	12.956	3
21	MP3A	Mx	009	3
22	MP3B	Х	0	3
23	MP3B	Z	9.962	3
24	MP3B	Mx	.008	3
25	MP3C	Χ	0	3
26	MP3C	Z	9.962	3
27	MP3C	Mx	000993	3
28	OVP	Х	0	1
29	OVP	Z	133.741	1
30	OVP	Mx	0	1
31	MP3A	Х	0	3
32	MP3A	Z	54.275	3
33	MP3A	Mx	0	3
34	MP3B	X	0	3
35	MP3B	Z	40.882	3
36	MP3B	Mx	.018	3
37	MP3C	Х	0	3
38	MP3C	Z	40.882	3
39	MP3C	Mx	018	3
	00			•

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

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

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

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

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

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

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

11101111	Der Point Loads (BLC 10	-		
40	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	.022	4.75
19	MP3A	X	-5.979	3
20	MP3A	Z	10.356	3
21	MP3A	Mx	01	3
22	MP3B	X	-4.482	3
23	MP3B	Z	7.763	3
24	MP3B	Mx	.004	3
25	MP3C	X	-5.979	3
26	MP3C	Z	10.356	3
27	MP3C	Mx	.004	3
28	OVP	X	-58.444	1
29	OVP	Z	101.229	1
30	OVP	Mx	0	1
31	MP3A	X	-24.905	3
32	MP3A	Z	43.137	3
33	MP3A	Mx	012	3
34	MP3B	X	-18.209	3
35	MP3B	Z		
	MP3B	Mx	31.538 .018	3 3
36				
37	MP3C	X	-24.905	3
38	MP3C		43.137	3
39	MP3C	Mx	012	3
40	MP4A	X	-24.074	3.5
41	MP4A	Z	41.697	3.5
42	MP4A	Mx	012	3.5
43	MP4B	X	-14.882	3.5
44	MP4B	Z	25.776	3.5
45	MP4B	Mx	.015	3.5
46	MP4C	X	-24.074	3.5
47	MP4C	Z	41.697	3.5
48	MP4C	Mx	012	3.5
49	MP1A	X	-82.908	1.75
50	MP1A	Z	143.602	1.75
51	MP1A	Mx	.062	1.75
52	MP1A	X	-82.908	5.75
53	MP1A	Z	143.602	5.75
54	MP1A	Mx	.062	5.75
55	MP5A	X	-82.908	1.75
56	MP5A	Z	143.602	1.75
57	MP5A	Mx	.062	1.75
58	MP5A		-82.908	5.75
59	MP5A	X Z	-62.906 143.602	5.75
60	MP5A	Mx	.062	5.75
61	MP3A	X	-72.907	1.75
62	MP3A	Z	126.279	1.75
63	MP3A	Mx	.139	1.75
64	MP3A	X	-72.907	5.75
65	MP3A	Z	126.279	5.75
66	MP3A	Mx	.139	5.75
67	MP3B	X	-52.379	1.75
68	MP3B	Z	90.722	1.75
69	MP3B	Mx	079	1.75
70	MP3B	X	-52.379	5.75
71	MP3B	Z	90.722	5.75
72	MP3B	Mx	079	5.75
73	MP3C	X	-72.907	1.75
74	MP3C	Z	126.279	1.75
	55	_		0

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

	Mambaulabal			Landing [ft 0/]
75	Member Label MP3C	Direction Mx	Magnitude[lb,k-ft] 03	Location[ft,%] 1.75
76	MP3C	X	-:.03 -72.907	5.75
77	MP3C	Z	126.279	5.75
78	MP3C	Mx	03	5.75
79	MP3A	X	03 -72.907	1.75
	MP3A	Z		1.75
80			126.279	1.75
81	MP3A	Mx	03	
82	MP3A	X	-72.907	5.75
83	MP3A	Z	126.279	5.75
84	MP3A	Mx	03 -52.379	5.75
85	MP3B	X Z	90.722	1.75
86	MP3B			1.75
87	MP3B	Mx	079	1.75
88	MP3B	X	-52.379	5.75
89	MP3B	Z	90.722	5.75
90	MP3B	Mx	079	5.75
91	MP3C	X	-72.907	1.75
92	MP3C	Z	126.279	1.75
93	MP3C	Mx	.139	1.75
94	MP3C	X	-72.907	5.75
95	MP3C	Z	126.279	5.75
96	MP3C	Mx	.139	5.75
97	MP1C	X	-28.952	1.63
98	MP1C	Z	50.146	1.63
99	MP1C	Mx	.022	1.63
100	MP1C	X	-28.952	5.88
101	MP1C	Z	50.146	5.88
102	MP1C	Mx	.022	5.88
103	MP5C	X	-28.952	1.63
104	MP5C	Z	50.146	1.63
105	MP5C	Mx	.022	1.63
106	MP5C	X	-28.952	5.88
107	MP5C	Z	50.146	5.88
108	MP5C	Mx	.022	5.88
109	MP1B	X	-75.314	1.63
110	MP1B	Z	130.448	1.63
111	MP1B	Mx	113	1.63
112	MP1B	X	-75.314	5.88
113	MP1B	Z	130.448	5.88
114	MP1B	Mx	113	5.88
115	MP5B	X	-75.314	1.63
116	MP5B	Z	130.448	1.63
117	MP5B	Mx	113	1.63
118	MP5B	X	-75.314	5.88
119	MP5B	Z	130.448	5.88
120	MP5B	Mx	113	5.88
121	M79B	X	-13.88	7.75
122	M79B	Z	24.041	7.75
123	M79B	Mx	002	7.75
124	M78	X	-5.098	7.75
125	M78	Z	8.83	7.75
126	M78	Mx	.002	7.75
127	M79B	X	-13.88	7.75
128	M79B	Z	24.041	7.75
129	M79B	Mx	002	7.75
130	M78	X	-5.098	7.75
131	M78	Z	8.83	7.75



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

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

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

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

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

WEITIDE	<u>r Point Loads (BLC 1</u>	-		
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP1A	Z	77.846	5.75
54	MP1A	Mx	.101	5.75
55	MP5A	X	-134.833	1.75
56	MP5A	Z	77.846	1.75
57	MP5A	Mx	.101	1.75
58	MP5A	X	-134.833	5.75
59	MP5A	Z	77.846	5.75
60	MP5A	Mx	.101	5.75
61	MP3A	X	-102.574	1.75
62	MP3A	Z	59.221	1.75
63	MP3A	Mx	.116	1.75
64	MP3A	X	-102.574	5.75
65	MP3A	Z	59.221	5.75
66	MP3A	Mx	.116	5.75
67	MP3B	X	-102.574	1.75
68	MP3B	Z	59.221	1.75
69	MP3B	Mx	037	1.75
70	MP3B	X	-102.574	5.75
71	MP3B	Z	59.221	5.75
72	MP3B	Mx	037	5.75
73	MP3C	X	-138.131	1.75
74	MP3C	Z	79.75	1.75
75	MP3C	Mx	106	1.75
76	MP3C	X	-138.131	5.75
77	MP3C	Z	79.75	5.75
78	MP3C	Mx	106	5.75
79	MP3A	X	-102.574	1.75
80	MP3A	Z	59.221	1.75
81	MP3A	Mx	.037	1.75
82	MP3A	X	-102.574	5.75
83	MP3A	Z	59.221	5.75
84	MP3A	Mx	.037	5.75
85	MP3B	X	-102.574	1.75
86	MP3B	Z	59.221	1.75
87	MP3B	Mx	116	1.75
88	MP3B	X	-102.574	5.75
89	MP3B	Z	59.221	5.75
90	MP3B	Mx	116	5.75
91	MP3C	X	-138.131	1.75
92	MP3C	Z	79.75	1.75
93	MP3C	Mx	.106	1.75
94	MP3C	X	-138.131	5.75
95	MP3C	Z	79.75	5.75
96	MP3C	Mx	.106	5.75
97	MP1C	X	-39.574	1.63
98	MP1C	Z	22.848	1.63
99	MP1C	Mx	0	1.63
100	MP1C	X	-39.574	5.88
101	MP1C	Z	22.848	5.88
102	MP1C	Mx	0	5.88
103	MP5C	X	-39.574	1.63
104	MP5C	Z	22.848	1.63
105	MP5C	Mx	0	1.63
106	MP5C	X	-39.574	5.88
107	MP5C	Z	22.848	5.88
107	MP5C	Mx	0	5.88
109	MP1B	X	-134.833	1.63
109	IVIT ID		-104.000	1.03

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

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

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

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

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

	r Point Loads (BLC 1)	-		
0.4	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3A	X	-36.417	3
32	MP3A	Z	0	3
33	MP3A	Mx	018	3
34	MP3B	X	<u>-49.811</u>	3
35	MP3B	Z	0	3
36	MP3B	Mx	.012	3
37	MP3C	X	-49.811	3
38	MP3C	Z	0	3
39	MP3C	Mx	.012	3
40	MP4A	X Z	-29.764	3.5
41 42	MP4A		0 015	3.5
	MP4A MP4B	Mx V		3.5
43	MP4B	X	-48.147 0	3.5 3.5
45	MP4B	Mx	.012	3.5
46	MP4C	X	-48.147	3.5
47	MP4C	Z		
48	MP4C MP4C	Mx	.012	3.5 3.5
49	MP1A	X	-150.628	1.75
50	MP1A	Z	-150.028	1.75
51	MP1A	Mx	 .113	1.75
52	MP1A	X	-150.628	5.75
53	MP1A	Z	0	5.75
54	MP1A	Mx	.113	5.75
55	MP5A	X	-150.628	1.75
56	MP5A	Z	0	1.75
57	MP5A	Mx	 .113	1.75
58	MP5A	X	-150.628	5.75
59	MP5A	Z	0	5.75
60	MP5A	Mx	.113	5.75
61	MP3A	X	-104.757	1.75
62	MP3A	Z	0	1.75
63	MP3A	Mx	.079	1.75
64	MP3A	X	-104.757	5.75
65	MP3A	Z	0	5.75
66	MP3A	Mx	.079	5.75
67	MP3B	X	-145.814	1.75
68	MP3B	Z	0	1.75
69	MP3B	Mx	.03	1.75
70	MP3B	X	-145.814	5.75
71	MP3B	Z	0	5.75
72	MP3B	Mx	.03	5.75
73	MP3C		-145.814	1.75
74	MP3C	X Z	0	1.75
75	MP3C	Mx	139	1.75
76	MP3C	X	-145.814	5.75
77	MP3C	Z	0	5.75
78	MP3C	Mx	139	5.75
79	MP3A	X	-104.757	1.75
80	MP3A	Z	0	1.75
81	MP3A	Mx	.079	1.75
82	MP3A	X	-104.757	5.75
83	MP3A	Z	0	5.75
84	MP3A	Mx	.079	5.75
85	MP3B	X	-145.814	1.75
86	MP3B	Z	0	1.75
87	MP3B	Mx	139	1.75

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

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

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

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

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

Weilibe	er Point Loads (BLC 1	<u>3 . Amemia vvo (30</u>	o Deg)) (Continued)	
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	0	2.75
10	MP2B	X	-59.437	4.75
11	MP2B	Z	-34.316	4.75
12	MP2B	Mx	0	4.75
13	MP2C	X	-30.211	2.75
14	MP2C	Z	-17.443	2.75
15	MP2C	Mx	023	2.75
16	MP2C	X	-30.211	4.75
17	MP2C	Z	-17.443	4.75
18	MP2C	Mx	023	4.75
19	MP3A	X	-8.627	3
20	MP3A	Z	-4.981	3
21	MP3A	Mx	000993	3
22	MP3B	X	-11.22	3
23	MP3B	Z	-6.478	3
			009	3
24	MP3B MP3C	Mx	009 -8.627	
25		X		3
26	MP3C	Z	<u>-4.981</u>	3
27	MP3C	Mx	.008	3
28	OVP	X	-115.823	1
29	OVP	Z	-66.87	1
30	OVP	Mx	0	1
31	MP3A	X	-35.404	3
32	MP3A	Z	-20.441	3
33	MP3A	Mx	018	3
34	MP3B	X	-47.004	3
35	MP3B	Z	-27.138	3
36	MP3B	Mx	0	3
37	MP3C	X	-35.404	3
38	MP3C	Z	-20.441	3
39	MP3C	Mx	.018	3
40	MP4A	X	-31.083	3.5
41	MP4A	Z	-17.946	3.5
42	MP4A	Mx	016	3.5
43	MP4B	X	-47.004	3.5
44	MP4B	Z	-27.138	3.5
45	MP4B	Mx	0	3.5
46	MP4C	X	-31.083	3.5
47	MP4C	Z	-17.946	3.5
48	MP4C	Mx	.016	3.5
49	MP1A	X	-134.833	1.75
50	MP1A	Z	-77.846	1.75
51	MP1A	Mx	.101	1.75
52	MP1A	X	-134.833	5.75
53	MP1A	Z	-77.846	5.75
54	MP1A	Mx	.101	5.75
55	MP5A	X	-134.833	1.75
56	MP5A	Z	-77.846	1.75
57	MP5A	Mx	.101	1.75
58	MP5A	X	-134.833	5.75
59	MP5A	Z	-77.846	5.75
60	MP5A	Mx	.101	5.75
61	MP3A	Y	-102.574	1.75
62	MP3A	X	-59.221	1.75
63	MP3A	Mx	.037	1.75
64	MP3A	X	-102.574	5.75
65	MP3A	Z	-102.574 -59.221	
00	IVIP3A		-39.221	5.75

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

Wellibe	r Point Loads (BLC 13	3. Antenna VVO (30	o Degij (Continueu)	
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3A	Mx	.037	5.75
67	MP3B	X	-138.131	1.75
68	MP3B	Z	-79.75	1.75
69	MP3B	Mx	.106	1.75
70	MP3B	X	-138.131	5.75
71	MP3B	Z	-79.75	5.75
72	MP3B	Mx	.106	5.75
73	MP3C	X	-102.574	1.75
74	MP3C	Z	-59.221	1.75
75	MP3C	Mx	116	1.75
76	MP3C	X	-102.574	5.75
77	MP3C	Z	-59.221	5.75
78	MP3C	Mx	116	5.75
79	MP3A	X	-102.574	1.75
80	MP3A	Z	-59.221	1.75
81	MP3A	Mx	.116	1.75
82	MP3A	X	-102.574	5.75
83	MP3A	Z	-59.221	5.75
84	MP3A	Mx	.116	5.75
85	MP3B	X	-138.131	1.75
86	MP3B	Z	-79.75	1.75
87	MP3B	Mx	106	1.75
88	MP3B	X	-138.131	5.75
89	MP3B	Z	-79.75	5.75
90	MP3B	Mx	106	5.75
91	MP3C	X	-102.574	1.75
92	MP3C	Z	-59.221	1.75
93	MP3C	Mx	037	1.75
94	MP3C	X	-102.574	5.75
95	MP3C	Z	-59.221	5.75
96	MP3C	Mx	037	5.75
97	MP1C	X	-71.289	1.63
98	MP1C	Z	-41.159	1.63
99	MP1C	Mx	053	1.63
100	MP1C	X	-71.289	5.88
101	MP1C	Z	-41.159	5.88
102	MP1C	Mx	053	5.88
103	MP5C	X	-71.289	1.63
104	MP5C	Z	-41.159	1.63
105	MP5C	Mx	053	1.63
106	MP5C	X	-71.289	5.88
107	MP5C	Z	-41.159	5.88
108	MP5C	Mx	053	5.88
109	MP1B	X	-147.986	1.63
110	MP1B	Z	-85.44	1.63
111	MP1B	Mx	0	1.63
112	MP1B	X	-147.986	5.88
113	MP1B	Z	-85.44	5.88
114	MP1B	Mx	0	5.88
115	MP5B	X	-147.986	1.63
116	MP5B	Z	-85.44	1.63
117	MP5B	Mx	0	1.63
118	MP5B	X	-147.986	5.88
119	MP5B	Z	-85.44	5.88
120	MP5B	Mx	0	5.88
121	M79B	X	-13.9	7.75
122	M79B	Z	-8.025	7.75
				- · · · · · · · · · · · · · · · · · · ·

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

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

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

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

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

	Manharlahal	-		L 4: [£4 0/ ]
44	Member Label MP4B	Direction Z	Magnitude[lb,k-ft] -41.697	Location[ft,%]
45	MP4B	Mx	41.09 <i>1</i> 012	3.5
46	MP4C	X	-14.882	3.5
47	MP4C	Z	-14.002 -25.776	3.5
48	MP4C	Mx	.015	3.5
49	MP1A	X	-82.908	1.75
50	MP1A	Z	-143.602	1.75
51	MP1A	Mx	.062	1.75
52	MP1A	X	-82.908	5.75
53	MP1A	Z	-143.602	5.75
54	MP1A	Mx	.062	5.75
55	MP5A	X	-82.908	1.75
56	MP5A	Z	-143.602	1.75
57	MP5A	Mx	.062	1.75
58	MP5A	X	-82.908	5.75
59	MP5A	Z	-143.602	5.75
60	MP5A	Mx	.062	5.75
61	MP3A	X	-72.907	1.75
62	MP3A	Z	-126.279	1.75
63	MP3A	Mx	03	1.75
64	MP3A	X	-72.907	5.75
65	MP3A	Z	-126.279	5.75
66	MP3A	Mx	03	5.75
67	MP3B	X	-72.907	1.75
68	MP3B	Z	-126.279	1.75
69	MP3B	Mx	.139	1.75
70	MP3B	X	-72.907	5.75
71	MP3B	Z	-126.279	5.75
72	MP3B	Mx	.139	5.75
73	MP3C	X	-52.379	1.75
74	MP3C	Z	-90.722	1.75
75	MP3C	Mx	079	1.75
76	MP3C	X	-52.379	5.75
77	MP3C	Z	-90.722	5.75
78	MP3C	Mx	079	5.75
79	MP3A	X	-72.907	1.75
80	MP3A	Z	-126.279	1.75
81	MP3A	Mx	.139	1.75
82	MP3A	X	-72.907	5.75
83	MP3A	Z	-126.279	5.75
84	MP3A	Mx	.139	5.75
85	MP3B	X	-72.907	1.75
86	MP3B	Z	-126.279	1.75
87	MP3B	Mx	03	1.75
88	MP3B	X	-72.907	5.75
89	MP3B	Z	-126.279	5.75
90	MP3B	Mx	03	5.75
91	MP3C	X	-52.379	1.75
92	MP3C	Z	-90.722	1.75
93	MP3C	Mx	079	1.75
94	MP3C	X	-52.379	5.75
95	MP3C	Z	-90.722	5.75
96	MP3C	Mx	079	5.75
97	MP1C	X	-47.262	1.63
98	MP1C	Z	-81.86	1.63
99	MP1C	Mx	071	1.63
100	MP1C	X	-47.262	5.88

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

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

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

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

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

22		Mambar label		Magnitude[lb,k-ft]	Location[ft 0/1
24	22	Member Label	Direction		Location[ft,%]
24			7		3
Zef					
Zef					
27					
28					
29					
30					1
31		OVP			1
32					3
33				-13.636	
34         MP3B         X         0         3           36         MP3B         Z         -10.527         3           36         MP3B         Mx         -005         3           37         MP3C         X         0         3           38         MP3C         Z         -10.527         3           39         MP3C         Mx         005         3           40         MP4A         X         0         3.5           41         MP4A         X         0         3.5           41         MP4A         X         0         3.5           42         MP4A         Mx         0         3.5           43         MP4B         X         0         3.5           44         MP4B         Mx         0         3.5           45         MP4B         Mx         0         3.5           47         MP4C         X         0         3.5			Mx		
35					
Section   Sect				-10.527	
37         MP3C         X         0         3           38         MP3C         Z         -10.527         3           39         MP3C         Mx         .005         3           40         MP4A         X         0         3.5           41         MP4A         X         0         3.5           42         MP4A         Mx         0         3.5           43         MP4B         X         0         3.5           44         MP4B         X         0         3.5           44         MP4B         X         0         3.5           45         MP4B         Mx        004         3.5           45         MP4B         Mx        004         3.5           46         MP4C         X         0         3.5           47         MP4C         X         0         3.5           47         MP4C         Mx         .004         3.5           49         MP1A         X         0         1.75           50         MP1A         X         0         1.75           51         MP1A         Mx         0         1		MP3B	Mx	005	
38         MP3C         X         -10.527         3           39         MP3C         Mx         .005         3           40         MP4A         X         0         3.5           41         MP4A         X         0         3.5           42         MP4A         Mx         0         3.5           43         MP4B         X         0         3.5           44         MP4B         X         0         3.5           45         MP4B         MX         -004         3.5           46         MP4C         X         0         3.5           47         MP4B         MX         -004         3.5           48         MP4C         X         0         3.5           48         MP4C         MX         004         3.5           49         MP1A         X         0         1.75           50         MP1A         X         0         1.75           50         MP1A         X         0         1.75           51         MP1A         MX         0         1.75           52         MP1A         X         0	37	MP3C	X		3
40         MP4A         X         0         3.5           41         MP4A         Z         -13.636         3.5           42         MP4A         Mx         0         3.5           43         MP4B         X         0         3.5           44         MP4B         Z         -9.346         3.5           45         MP4B         Mx        004         3.5           46         MP4C         X         0         3.5           47         MP4C         Z         -9.346         3.5           48         MP4C         Mx         .004         3.5           48         MP4C         Mx         .004         3.5           49         MP1A         X         0         1.75           50         MP1A         X         0         1.75           50         MP1A         X         0         1.75           51         MP1A         Mx         0         1.75           52         MP1A         X         0         5.75           53         MP1A         X         0         5.75           53         MP1A         X         0 <td>38</td> <td>MP3C</td> <td>Z</td> <td>-10.527</td> <td>3</td>	38	MP3C	Z	-10.527	3
41         MP4A         Z         -13.636         3.5           42         MP4A         MX         0         3.5           43         MP4B         X         0         3.5           44         MP4B         X         0         3.5           45         MP4B         MX        004         3.5           46         MP4C         X         0         3.5           46         MP4C         X         0         3.5           47         MP4C         Z         -9.346         3.5           47         MP4C         X         0         3.5           49         MP4C         Mx         0         1.75           50         MP1A         X         0         1.75           51         MP1A         X         0         1.75           51         MP1A         X         0         5.75           51         MP1A         X         0         5.75           54         MP1A         X         0         5.75           54         MP1A         X         0         1.75           55         MP5A         X         0 <t< td=""><td>39</td><td></td><td></td><td>.005</td><td></td></t<>	39			.005	
42         MP4B         X         0         3.5           43         MP4B         X         0         3.5           44         MP4B         Z         -9.346         3.5           45         MP4B         Mx         -004         3.5           46         MP4C         X         0         3.5           47         MP4C         X         0         3.5           48         MP4C         Mx         .004         3.5           48         MP4C         Mx         .004         3.5           48         MP4C         Mx         .004         3.5           49         MP1A         X         0         1.75           50         MP1A         X         0         1.75           50         MP1A         X         0         1.75           51         MP1A         Mx         0         5.75           52         MP1A         X         0         5.75           53         MP1A         X         0         5.75           54         MP1A         Mx         0         1.75           55         MP5A         X         0	40	MP4A		-	
43         MP4B         X         0         3.5           44         MP4B         Z         -9.346         3.5           46         MP4C         X         0         3.5           47         MP4C         X         0         3.5           48         MP4C         Mx         .004         3.5           49         MP1A         X         0         1.75           50         MP1A         Z         -32.315         1.75           51         MP1A         X         0         1.75           51         MP1A         X         0         1.75           52         MP1A         X         0         5.75           53         MP1A         X         0         5.75           54         MP1A         X         0         5.75           54         MP1A         X         0         1.75           56         MP5A         X         0         1.75           56         MP5A         X         0         1.75           57         MP5A         MX         0         1.75           58         MP5A         X         0				-13.636	
44         MP4B         Z         -9.346         3.5           45         MP4B         MX        004         3.5           46         MP4C         X         0         3.5           47         MP4C         Z         -9.346         3.5           48         MP4C         Mx         .004         3.5           49         MP1A         X         .00         1.75           50         MP1A         X         .0         1.75           50         MP1A         X         .0         1.75           51         MP1A         Mx         .0         5.75           53         MP1A         X         .0         5.75           54         MP1A         Mx         .0         5.75           55         MP5A         X         .0         1.75           55         MP5A         X					
45         MP4B         Mx        004         3.5           46         MP4C         X         0         3.5           47         MP4C         Z         -9.346         3.5           48         MP4C         Mx         .004         3.5           49         MP1A         X         0         1.75           50         MP1A         Z         -32.315         1.75           51         MP1A         X         0         1.75           51         MP1A         X         0         5.75           52         MP1A         X         0         5.75           53         MP1A         X         0         5.75           54         MP1A         X         0         5.75           54         MP1A         X         0         1.75           55         MP5A         X         0         1.75           56         MP5A         X         0         1.75           57         MP5A         MX         0         1.75           58         MP5A         X         0         5.75           60         MP5A         X         0			X		
46         MP4C         X         0         3.5           47         MP4C         Z         -9.346         3.5           48         MP4C         Mx         004         3.5           49         MP1A         X         0         1.75           50         MP1A         Z         -32.315         1.75           51         MP1A         Mx         0         5.75           51         MP1A         X         0         5.75           52         MP1A         X         0         5.75           53         MP1A         X         0         5.75           54         MP1A         Mx         0         5.75           54         MP1A         Mx         0         1.75           54         MP1A         Mx         0         1.75           55         MP5A         X         0         1.75           56         MP5A         X         0         1.75           57         MP5A         X         0         5.75           59         MP5A         X         0         5.75           60         MP5A         X         0					
47         MP4C         Z         -9.346         3.5           48         MP4C         Mx         .004         3.5           49         MP1A         X         0         1.75           50         MP1A         Z         -32.315         1.75           50         MP1A         X         0         1.75           51         MP1A         MX         0         5.75           52         MP1A         X         0         5.75           53         MP1A         X         0         5.75           54         MP1A         Mx         0         5.75           54         MP1A         Mx         0         5.75           55         MP5A         X         0         1.75           56         MP5A         X         0         1.75           57         MP5A         Mx         0         1.75           58         MP5A         X         0         5.75           59         MP5A         X         0         5.75           60         MP5A         X         0         5.75           61         MP3A         X         0					
48         MP4C         Mx         .004         3.5           49         MP1A         X         0         1.75           50         MP1A         Z         -32.315         1.75           51         MP1A         MX         0         1.75           52         MP1A         X         0         5.75           53         MP1A         X         0         5.75           54         MP1A         Mx         0         1.75           55         MP5A         X         0         1.75           56         MP5A         Z         -32.315         1.75           57         MP5A         Mx         0         5.75           59         MP5A         X         0         5.75           60         MP5A         X         0         5.75           61         MP3A         X         0         1.75           62         MP3A         X         0 <td></td> <td></td> <td></td> <td></td> <td></td>					
49         MP1A         X         0         1.75           50         MP1A         Z         -32.315         1.75           51         MP1A         Mx         0         1.75           52         MP1A         X         0         5.75           53         MP1A         Z         -32.315         5.75           54         MP1A         Mx         0         5.75           55         MP5A         X         0         1.75           56         MP5A         Z         -32.315         1.75           57         MP5A         X         0         1.75           58         MP5A         X         0         1.75           58         MP5A         X         0         5.75           59         MP5A         X         0         5.75           60         MP5A         X         0         5.75           60         MP5A         X         0         1.75           61         MP3A         X         0         1.75           62         MP3A         X         0         1.75           63         MP3A         X         0					
50         MP1A         Z         -32.315         1.75           51         MP1A         Mx         0         1.75           52         MP1A         X         0         5.75           53         MP1A         Z         -32.315         5.75           54         MP1A         Mx         0         5.75           54         MP1A         Mx         0         5.75           55         MP5A         X         0         1.75           56         MP5A         X         0         1.75           57         MP5A         X         0         1.75           58         MP5A         X         0         5.75           59         MP5A         X         0         5.75           60         MP5A         X         0         5.75           60         MP5A         X         0         1.75           61         MP3A         X         0         1.75           62         MP3A         X         0         1.75           63         MP3A         X         0         5.75           64         MP3A         X         0					
51         MP1A         Mx         0         1.75           52         MP1A         X         0         5.75           53         MP1A         Z         -32.315         5.75           54         MP1A         Mx         0         5.75           55         MP5A         X         0         1.75           56         MP5A         Z         -32.315         1.75           57         MP5A         Mx         0         1.75           58         MP5A         X         0         5.75           59         MP5A         X         0         5.75           60         MP5A         Mx         0         5.75           61         MP3A         X         0         1.75           62         MP3A         X         0         1.75           63         MP3A         X         0         1.75           64         MP3A         X         0         5.75           66         MP3A         X         0         1.75           67         MP3B         X         0         1.75           68         MP3B         X         0			X		
52         MP1A         X         0         5.75           53         MP1A         Z         -32.315         5.75           54         MP1A         Mx         0         5.75           55         MP5A         X         0         1.75           56         MP5A         Z         -32.315         1.75           57         MP5A         MX         0         5.75           58         MP5A         X         0         5.75           59         MP5A         Z         -32.315         5.75           60         MP5A         X         0         5.75           61         MP3A         X         0         5.75           61         MP3A         X         0         1.75           63         MP3A         X         0         1.75           63         MP3A         X         0         5.75           64         MP3A         X         0         5.75           65         MP3A         X         0         5.75           66         MP3A         X         0         1.75           68         MP3B         X         0					
53         MP1A         Z         -32.315         5.75           54         MP1A         Mx         0         5.75           55         MP5A         X         0         1.75           56         MP5A         Z         -32.315         1.75           57         MP5A         MX         0         5.75           58         MP5A         X         0         5.75           59         MP5A         Z         -32.315         5.75           60         MP5A         X         0         5.75           60         MP5A         X         0         5.75           61         MP3A         X         0         1.75           61         MP3A         X         0         1.75           62         MP3A         X         0         1.75           63         MP3A         X         0         5.75           64         MP3A         X         0         5.75           65         MP3A         X         0         1.75           66         MP3A         Mx        02         5.75           67         MP3B         X         0<					
54         MP1A         Mx         0         5.75           55         MP5A         X         0         1.75           56         MP5A         Z         -32.315         1.75           57         MP5A         Mx         0         1.75           58         MP5A         X         0         5.75           59         MP5A         Z         -32.315         5.75           60         MP5A         MX         0         5.75           61         MP3A         X         0         1.75           61         MP3A         X         0         1.75           63         MP3A         X         0         1.75           63         MP3A         X         0         5.75           64         MP3A         X         0         5.75           65         MP3A         X         0         5.75           66         MP3A         X         0         1.75           68         MP3B         X         0         1.75           69         MP3B         X         0         5.75           70         MP3B         X         0			X	•	
55         MP5A         X         0         1.75           56         MP5A         Z         -32.315         1.75           57         MP5A         MX         0         1.75           58         MP5A         X         0         5.75           59         MP5A         Z         -32.315         5.75           60         MP5A         MX         0         5.75           61         MP3A         X         0         1.75           61         MP3A         X         0         1.75           63         MP3A         X         0         1.75           64         MP3A         X         0         5.75           65         MP3A         X         0         5.75           66         MP3A         X         0         1.75           68         MP3B         X         0         1.75           69         MP3B         X         0         5.75           70         MP3B         X         0         5.75           71         MP3B         X         0         5.75           72         MP3B         X         0					
56         MP5A         Z         -32.315         1.75           57         MP5A         Mx         0         1.75           58         MP5A         X         0         5.75           59         MP5A         Z         -32.315         5.75           60         MP5A         Mx         0         5.75           61         MP3A         X         0         1.75           62         MP3A         X         0         1.75           63         MP3A         Mx        02         1.75           64         MP3A         X         0         5.75           64         MP3A         X         0         5.75           66         MP3A         X        02         5.75           67         MP3B         X         0         1.75           68         MP3B         X         0         1.75           69         MP3B         X         0         5.75           71         MP3B         X         0         5.75           72         MP3B         X         0         1.75           72         MP3B         X         0 <td></td> <td></td> <td></td> <td></td> <td></td>					
57         MP5A         Mx         0         1.75           58         MP5A         X         0         5.75           59         MP5A         Z         -32.315         5.75           60         MP5A         Mx         0         5.75           61         MP3A         X         0         1.75           62         MP3A         Z         -30.384         1.75           63         MP3A         Mx        02         1.75           64         MP3A         X         0         5.75           65         MP3A         X         0         5.75           66         MP3A         X         0         1.75           67         MP3B         X         0         1.75           68         MP3B         X         0         1.75           69         MP3B         X         0         5.75           70         MP3B         X         0         5.75           72         MP3B         X         0         5.75           72         MP3B         X         0         1.75           74         MP3C         X         0				<u> </u>	
58         MP5A         X         0         5.75           59         MP5A         Z         -32.315         5.75           60         MP5A         Mx         0         5.75           61         MP3A         X         0         1.75           62         MP3A         Z         -30.384         1.75           63         MP3A         Mx        02         1.75           64         MP3A         X         0         5.75           65         MP3A         Z         -30.384         5.75           66         MP3A         X         0         1.75           67         MP3B         X         0         1.75           68         MP3B         X         0         1.75           69         MP3B         X         0         5.75           70         MP3B         X         0         5.75           71         MP3B         X         0         5.75           72         MP3B         X         0         1.75           73         MP3C         X         0         1.75           74         MP3C         X         0 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
59         MP5A         Z         -32.315         5.75           60         MP5A         Mx         0         5.75           61         MP3A         X         0         1.75           62         MP3A         Z         -30.384         1.75           63         MP3A         Mx        02         1.75           64         MP3A         X         0         5.75           65         MP3A         Z         -30.384         5.75           66         MP3A         X         0         1.75           67         MP3B         X         0         1.75           68         MP3B         X         0         1.75           69         MP3B         X         0         5.75           70         MP3B         X         0         5.75           71         MP3B         X         0         5.75           72         MP3B         X         0         1.75           73         MP3C         X         0         1.75           75         MP3C         X         0         1.75           76         MP3C         X         0 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
60         MP5A         Mx         0         5.75           61         MP3A         X         0         1.75           62         MP3A         Z         -30.384         1.75           63         MP3A         Mx        02         1.75           64         MP3A         X         0         5.75           65         MP3A         Z         -30.384         5.75           66         MP3A         Mx        02         5.75           67         MP3B         X         0         1.75           68         MP3B         X         0         1.75           69         MP3B         X         0         5.75           70         MP3B         X         0         5.75           71         MP3B         X         0         5.75           72         MP3B         X         0         1.75           73         MP3C         X         0         1.75           75         MP3C         X         0         1.75           76         MP3C         X         0         5.75           77         MP3C         X         0 <td></td> <td></td> <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td>				· · · · · · · · · · · · · · · · · · ·	
61         MP3A         X         0         1.75           62         MP3A         Z         -30.384         1.75           63         MP3A         Mx        02         1.75           64         MP3A         X         0         5.75           65         MP3A         Z         -30.384         5.75           66         MP3A         Mx        02         5.75           67         MP3B         X         0         1.75           68         MP3B         Z         -23.149         1.75           69         MP3B         Mx         .023         1.75           70         MP3B         X         0         5.75           71         MP3B         X         0         5.75           72         MP3B         Mx         .023         5.75           73         MP3C         X         0         1.75           74         MP3C         X         0         1.75           75         MP3C         X         0         5.75           76         MP3C         X         0         5.75           77         MP3C         X					
62         MP3A         Z         -30.384         1.75           63         MP3A         Mx        02         1.75           64         MP3A         X         0         5.75           65         MP3A         Z         -30.384         5.75           66         MP3A         Mx        02         5.75           67         MP3B         X         0         1.75           68         MP3B         Z         -23.149         1.75           69         MP3B         X         0         5.75           70         MP3B         X         0         5.75           71         MP3B         X         0         5.75           72         MP3B         X         0         1.75           73         MP3C         X         0         1.75           74         MP3C         X         0         1.75           75         MP3C         X         0         5.75           76         MP3C         X         0         5.75           77         MP3C         X         0         5.75           77         MP3C         X					
63         MP3A         Mx        02         1.75           64         MP3A         X         0         5.75           65         MP3A         Z         -30.384         5.75           66         MP3A         Mx        02         5.75           67         MP3B         X         0         1.75           68         MP3B         Z         -23.149         1.75           69         MP3B         Mx         .023         1.75           70         MP3B         X         0         5.75           71         MP3B         Z         -23.149         5.75           72         MP3B         Mx         .023         5.75           73         MP3C         X         0         1.75           74         MP3C         X         0         1.75           75         MP3C         Mx        007         1.75           76         MP3C         X         0         5.75           77         MP3C         Z         -23.149         5.75					
64       MP3A       X       0       5.75         65       MP3A       Z       -30.384       5.75         66       MP3A       Mx      02       5.75         67       MP3B       X       0       1.75         68       MP3B       Z       -23.149       1.75         69       MP3B       X       0       5.75         70       MP3B       X       0       5.75         71       MP3B       Z       -23.149       5.75         72       MP3B       Mx       .023       5.75         73       MP3C       X       0       1.75         74       MP3C       Z       -23.149       1.75         75       MP3C       Mx      007       1.75         76       MP3C       X       0       5.75         77       MP3C       Z       -23.149       5.75		MP3A		- 02	1.75
65         MP3A         Z         -30.384         5.75           66         MP3A         Mx        02         5.75           67         MP3B         X         0         1.75           68         MP3B         Z         -23.149         1.75           69         MP3B         X         0         5.75           70         MP3B         X         0         5.75           71         MP3B         Z         -23.149         5.75           72         MP3B         Mx         .023         5.75           73         MP3C         X         0         1.75           74         MP3C         Z         -23.149         1.75           75         MP3C         Mx        007         1.75           76         MP3C         X         0         5.75           77         MP3C         Z         -23.149         5.75			X		5.75
66         MP3A         Mx        02         5.75           67         MP3B         X         0         1.75           68         MP3B         Z         -23.149         1.75           69         MP3B         Mx         .023         1.75           70         MP3B         X         0         5.75           71         MP3B         Z         -23.149         5.75           72         MP3B         Mx         .023         5.75           73         MP3C         X         0         1.75           74         MP3C         Z         -23.149         1.75           75         MP3C         Mx        007         1.75           76         MP3C         X         0         5.75           77         MP3C         Z         -23.149         5.75			7	· · · · · · · · · · · · · · · · · · ·	
67         MP3B         X         0         1.75           68         MP3B         Z         -23.149         1.75           69         MP3B         Mx         .023         1.75           70         MP3B         X         0         5.75           71         MP3B         Z         -23.149         5.75           72         MP3B         Mx         .023         5.75           73         MP3C         X         0         1.75           74         MP3C         Z         -23.149         1.75           75         MP3C         Mx        007         1.75           76         MP3C         X         0         5.75           77         MP3C         Z         -23.149         5.75					
69         MP3B         Mx         .023         1.75           70         MP3B         X         0         5.75           71         MP3B         Z         -23.149         5.75           72         MP3B         Mx         .023         5.75           73         MP3C         X         0         1.75           74         MP3C         Z         -23.149         1.75           75         MP3C         Mx        007         1.75           76         MP3C         X         0         5.75           77         MP3C         Z         -23.149         5.75			X		
69         MP3B         Mx         .023         1.75           70         MP3B         X         0         5.75           71         MP3B         Z         -23.149         5.75           72         MP3B         Mx         .023         5.75           73         MP3C         X         0         1.75           74         MP3C         Z         -23.149         1.75           75         MP3C         Mx        007         1.75           76         MP3C         X         0         5.75           77         MP3C         Z         -23.149         5.75			Z		
70         MP3B         X         0         5.75           71         MP3B         Z         -23.149         5.75           72         MP3B         Mx         .023         5.75           73         MP3C         X         0         1.75           74         MP3C         Z         -23.149         1.75           75         MP3C         Mx        007         1.75           76         MP3C         X         0         5.75           77         MP3C         Z         -23.149         5.75					
71         MP3B         Z         -23.149         5.75           72         MP3B         Mx         .023         5.75           73         MP3C         X         0         1.75           74         MP3C         Z         -23.149         1.75           75         MP3C         Mx        007         1.75           76         MP3C         X         0         5.75           77         MP3C         Z         -23.149         5.75			X		
72         MP3B         Mx         .023         5.75           73         MP3C         X         0         1.75           74         MP3C         Z         -23.149         1.75           75         MP3C         Mx        007         1.75           76         MP3C         X         0         5.75           77         MP3C         Z         -23.149         5.75				-23.149	
73         MP3C         X         0         1.75           74         MP3C         Z         -23.149         1.75           75         MP3C         Mx        007         1.75           76         MP3C         X         0         5.75           77         MP3C         Z         -23.149         5.75			Mx		5.75
74     MP3C     Z     -23.149     1.75       75     MP3C     Mx    007     1.75       76     MP3C     X     0     5.75       77     MP3C     Z     -23.149     5.75			Χ	0	1.75
75         MP3C         Mx        007         1.75           76         MP3C         X         0         5.75           77         MP3C         Z         -23.149         5.75	74	MP3C	Z	-23.149	1.75
76         MP3C         X         0         5.75           77         MP3C         Z         -23.149         5.75	75	MP3C			1.75
	76		X	0	5.75
70 MD00					
78 MP3C MX007 5.75	78	MP3C	Mx	007	5.75



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

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

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

Mambar Labal	Direction	Magnituda[]h k ft1	Location[ft %]

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

1110111	iber Point Loads (BLC 16			
4	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X Z	6.924	2.75
2	MP2A		-11.993	2.75
3	MP2A	Mx X	005 6.924	2.75
4	MP2A	Z		4.75
5	MP2A		-11.993	4.75
7	MP2A	Mx	005	4.75
	MP2B	X	3.447	2.75
9	MP2B MP2B		<u>-5.971</u> .005	2.75 2.75
10	MP2B	Mx X	3.447	4.75
11	MP2B	Z	-5.971	4.75
12	MP2B	Mx	.005	4.75
13	MP2C	X	6.924	2.75
14	MP2C	Z	-11.993	2.75
15	MP2C	Mx	005	2.75
16	MP2C	X	6.924	4.75
17	MP2C	Z	-11.993	4.75
18	MP2C	Mx	005	4.75
19	MP3A	X	1.556	3
20	MP3A	Z	-2.696	3
21	MP3A	Mx	.003	3
22	MP3B	X	1.247	3
23	MP3B	Z	-2.159	3
24	MP3B	Mx	001	3
25	MP3C	X	1.556	3
26	MP3C	Z	-2.696	3
27	MP3C	Mx	001	3
28	OVP	X	11.715	1
29	OVP	Z	-20.291	1
30	OVP	Mx	0	1
31	MP3A	X	6.3	3
32	MP3A	Z	-10.912	3
33	MP3A	Mx	.003	3
34	MP3B	X	4.745	3
35	MP3B	Z	-8.219	3
36	MP3B	Mx	005	3
37	MP3C	X	6.3	3
38	MP3C	Z	-10.912	3
39	MP3C	Mx	.003	3
40	MP4A	X	6.103	3.5
41	MP4A	Z	-10.571	3.5
42	MP4A	Mx	.003	3.5
43	MP4B	X	3.958	3.5
44	MP4B	Z	-6.855	3.5
45	MP4B	Mx	004	3.5
46	MP4C	X	6.103	3.5
47	MP4C	Z	-10.571	3.5
48	MP4C	Mx	.003	3.5
49	MP1A	X	15.715	1.75
50	MP1A	Z	-27.219	1.75
51	MP1A	Mx	012	1.75
52	MP1A	X	15.715	5.75
53	MP1A	Z	-27.219	5.75
54	MP1A	Mx	012	5.75
55	MP5A	X	15.715	1.75
56	MP5A	Z	-27.219	1.75
57	MP5A	Mx	012	1.75

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

WEITIDE	r Point Loads (BLC 1	-		
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5A	X	15.715	5.75
59	MP5A	Z	-27.219	5.75
60	MP5A	Mx	012	5.75
61	MP3A	X	13.986	1.75
62	MP3A	Z	-24.224	1.75
63	MP3A	Mx	027	1.75
64	MP3A	X	13.986	5.75
65	MP3A	Z	-24.224	5.75
66	MP3A	Mx	027	5.75
67	MP3B	X	10.369	1.75
68	MP3B	Z	-17.959	1.75
69	MP3B	Mx	.016	1.75
70	MP3B	X	10.369	5.75
71	MP3B	Z	-17.959	5.75
72	MP3B	Mx	.016	5.75
73	MP3C	X	13.986	1.75
74	MP3C	Z	-24.224	1.75
75	MP3C	Mx	.006	1.75
76	MP3C	X	13.986	5.75
77	MP3C	Z	-24.224	5.75
78	MP3C	Mx	.006	5.75
79	MP3A	X	13.986	1.75
80	MP3A	Z	-24.224	1.75
81	MP3A	Mx	.006	1.75
82	MP3A	X	13.986	5.75
83	MP3A	Z	-24.224	5.75
84	MP3A	Mx	.006	5.75
85	MP3B	X	10.369	1.75
86	MP3B	Z	-17.959	1.75
87	MP3B	Mx	.016	1.75
88	MP3B	X	10.369	5.75
89	MP3B	Z	-17.959	5.75
90	MP3B	Mx	.016	5.75
91	MP3C	X	13.986	1.75
92	MP3C	Z	-24.224	1.75
93	MP3C	Mx	027	1.75
94	MP3C	X	13.986	5.75
95	MP3C	Z	-24.224	5.75
96	MP3C	Mx	027	5.75
97	MP1C	X	5.915	1.63
98	MP1C	Z	-10.246	1.63
99	MP1C	Mx	004	1.63
100	MP1C	X	5.915	5.88
101	MP1C	Z	-10.246	5.88
102	MP1C	Mx	004	5.88
103	MP5C	X	5.915	1.63
104	MP5C	Z	-10.246	1.63
105	MP5C	Mx	004	1.63
106	MP5C	X	5.915	5.88
107	MP5C	Z	-10.246	5.88
108	MP5C	Mx	004	5.88
109	MP1B	X	14.386	1.63
110	MP1B	Z	-24.918	1.63
111	MP1B	Mx	.022	1.63
112	MP1B	X	14.386	5.88
113	MP1B	Z	-24.918	5.88
114	MP1B	Mx	.022	5.88
114	IVIT I D	IVIX	.022	J.00

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

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

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

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

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

	ber Form Loads (BLC 17	-		
26	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36 37	MP3B MP3C	Mx X	005 11.809	3 3
		Z		3
38	MP3C MP3C		-6.818 0	3
39 40	MP4A	Mx X	8.093	3.5
	MP4A	Z	-4.673	
41	MP4A	Mx	-4.073	3.5
43	MP4B	X	8.093	3.5
44	MP4B	Z	-4.673	3.5
45	MP4B	Mx	004	3.5
46	MP4C	X	11.809	3.5
47	MP4C	Z	-6.818	3.5
48	MP4C	Mx	-0.010	3.5
49	MP1A	X	25.685	1.75
50	MP1A	Z	-14.829	1.75
51	MP1A	Mx	019	1.75
52	MP1A	X	25.685	5.75
53	MP1A	Z	-14.829	5.75
54	MP1A	Mx	019	5.75
55	MP5A	X	25.685	1.75
56	MP5A	Z	-14.829	1.75
57	MP5A	Mx	019	1.75
58	MP5A	X	25.685	5.75
59	MP5A	Z	-14.829	5.75
60	MP5A	Mx	019	5.75
61	MP3A	X	20.047	1.75
62	MP3A	Z	-11.574	1.75
63	MP3A	Mx	-11.574	1.75
64	MP3A MP3A	X	20.047	5.75
65	MP3A	Z	-11.574	5.75
		Mx		
66 67	MP3A	X	023 20.047	5.75 1.75
68	MP3B MP3B	Z	-11.574	1.75
	MP3B		.007	1.75
69		Mx	20.047	
70	MP3B	X Z		5.75
72	MP3B MP3B		-11.574 .007	5.75 5.75
73	MP3C	Mx X	26.313	1.75
74	MP3C	Z	-15.192	1.75
75	MP3C		.02	1.75
76	MP3C	Mx	26.313	5.75
77	MP3C	X Z	-15.192	5.75
78	MP3C	Mx	.02	5.75
79	MP3A	X	20.047	1.75
80	MP3A	Z	-11.574	1.75
81	MP3A	Mx	-11.574	1.75
82	MP3A	X	20.047	5.75
83	MP3A MP3A	Z	-11.574	5.75
84	MP3A MP3A	Mx	-11.574	5.75
85	MP3B	X	20.047	1.75
86	MP3B	Z	-11.574	1.75
87	MP3B	Mx	.023	1.75
88	MP3B	X	20.047	5.75
89	MP3B	Z	-11.574	5.75
90	MP3B		.023	5.75
	MP3C	Mx		
91	MP3C MP3C	X Z	26.313	1.75 1.75
92	IVIP3C	L	-15.192	1./5

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

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

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

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

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

Wembe	Member Point Loads (BLC 18 : Antenna Wi (90 Deg)) (Continued)					
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]		
14	MP2C	Z	0	2.75		
15	MP2C	Mx	.005	2.75		
16	MP2C	X	13.848	4.75		
17	MP2C	Z	0	4.75		
18	MP2C	Mx	.005	4.75		
19	MP3A	X	2.493	3		
20	MP3A	Z	0	3		
21	MP3A	Mx	.001	3		
22	MP3B	X	3.113	3		
23	MP3B	Z	0	3		
24	MP3B	Mx	.001	3		
25	MP3C	X	3.113	3		
26	MP3C	Z	0	3		
27	MP3C	Mx	003	3		
28	OVP	X	23.43	1		
29	OVP	Z	0	1		
30	OVP		0	1		
		Mx V	9.491	•		
31	MP3A	X		3		
32	MP3A MP3A		.005	3 3		
		Mx				
34	MP3B	X	12.6	3		
35	MP3B	Z	0	3		
36	MP3B	Mx	003	3		
37	MP3C	X	12.6	3		
38	MP3C	Z	0	3		
39	MP3C	Mx	003	3		
40	MP4A	X	7.915	3.5		
41	MP4A	Z	0	3.5		
42	MP4A	Mx	.004	3.5		
43	MP4B	X	12.206	3.5		
44	MP4B	Z	0	3.5		
45	MP4B	Mx	003	3.5		
46	MP4C	X	12.206	3.5		
47	MP4C	Z	0	3.5		
48	MP4C	Mx	003	3.5		
49	MP1A	X	28.772	1.75		
50	MP1A	Z	0	1.75		
51	MP1A	Mx	022	1.75		
52	MP1A	X	28.772	5.75		
53	MP1A	Z	0	5.75		
54	MP1A	Mx	022	5.75		
55	MP5A	X	28.772	1.75		
56	MP5A	Z	0	1.75		
57	MP5A	Mx	022	1.75		
58	MP5A	X	28.772	5.75		
59	MP5A	Z	0	5.75		
60	MP5A	Mx	022	5.75		
61	MP3A	X	20.737	1.75		
62	MP3A	Z	0	1.75		
63	MP3A	Mx	016	1.75		
64	MP3A	X	20.737	5.75		
65	MP3A	Z	0	5.75		
66	MP3A	Mx	016	5.75		
67	MP3B	X	27.972	1.75		
68	MP3B	Z	0	1.75		
69	MP3B	Mx	006	1.75		
70	MP3B	X	27.972	5.75		
	IVII OD		LIIVIL	0.10		

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

	oer Point Loads (BLC 1)			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP3B	Z	0	5.75
72	MP3B	Mx	006	5.75
73	MP3C	X	27.972	1.75
74	MP3C	Z	0	1.75
75	MP3C	Mx	.027	1.75
76	MP3C	X	27.972	5.75
77	MP3C	Z	0	5.75
78	MP3C	Mx	.027	5.75
79	MP3A	X	20.737	1.75
80	MP3A	Z	0	1.75
81	MP3A	Mx	016	1.75
82	MP3A	X	20.737	5.75
83	MP3A	Z	0	5.75
84	MP3A	Mx	016	5.75
85	MP3B	X	27.972	1.75
86	MP3B	Z	0	1.75
87	MP3B	Mx	.027	1.75
88	MP3B	X	27.972	5.75
89	MP3B	Z	0	5.75
90	MP3B	Mx	.027	5.75
91	MP3C	X	27.972	1.75
92	MP3C	Z	0	1.75
93	MP3C	Mx	006	1.75
94	MP3C	X	27.972	5.75
95	MP3C	Z	0	5.75
96	MP3C	Mx	006	5.75
97	MP1C	X	11.831	1.63
98	MP1C	Z	0	1.63
99	MP1C	Mx	.004	1.63
100	MP1C	X	11.831	5.88
101	MP1C	Z	0	5.88
102	MP1C	Mx	.004	5.88
103	MP5C	X	11.831	1.63
104	MP5C	Z	0	1.63
105	MP5C	Mx	.004	1.63
106	MP5C	X	11.831	5.88
107	MP5C	Z	0	5.88
108	MP5C	Mx	.004	5.88
109	MP1B	X	31.43	1.63
110	MP1B	Z	0	1.63
111	MP1B	Mx	.012	1.63
112	MP1B	X	31.43	5.88
113	MP1B	Z	0	5.88
114	MP1B	Mx	.012	5.88
115	MP5B	X	31.43	1.63
116	MP5B	Z	0	1.63
117	MP5B	Mx	.012	1.63
118	MP5B	X	31.43	5.88
119	MP5B	Z	0	5.88
120	MP5B	Mx	.012	5.88
121	M79B	X	2.835	7.75
122	M79B	Z	0	7.75
123	M79B	Mx	.000472	7.75
124	M78	X	6.336	7.75
125	M78	Z	0	7.75
126	M78	Mx	000528	7.75
127	M79B	X	2.835	7.75

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

	oci i omi Loddo (DLO Li	-		
40	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP4A	X Z	<u>-6.103</u>	3.5
41	MP4A		10.571	3.5
42	MP4A	Mx	003	3.5
43	MP4B	X	-3.958	3.5
44	MP4B	Z	6.855	3.5
45	MP4B	Mx	.004	3.5
46	MP4C	X	-6.103	3.5
47	MP4C	Z	10.571	3.5
48	MP4C	Mx	003	3.5
49	MP1A	X	-15.715	1.75
50	MP1A	Z	27.219	1.75
51	MP1A	Mx	.012	1.75
52	MP1A	X	-15.715	5.75
53	MP1A	Z	27.219	5.75
54	MP1A	Mx	.012	5.75
55	MP5A	X	-15.715	1.75
56	MP5A	Z	27.219	1.75
57	MP5A	Mx	.012	1.75
58	MP5A	X	-15.715	5.75
59	MP5A	Z	27.219	5.75
60	MP5A	Mx	.012	5.75
61	MP3A	X	-13.986	1.75
62	MP3A	Z	24.224	1.75
63	MP3A	Mx	.027	1.75
64	MP3A	X	-13.986	5.75
65	MP3A	Z	24.224	5.75
66	MP3A	Mx	.027	5.75
67	MP3B	X	-10.369	1.75
68	MP3B	Z	17.959	1.75
69	MP3B	Mx	016	1.75
70	MP3B	X	-10.369	5.75
71	MP3B	Z	17.959	5.75
72	MP3B	Mx	016	5.75
73	MP3C	X	-13.986	1.75
74	MP3C	Z	24.224	1.75
75	MP3C	Mx	006	1.75
76	MP3C	X	-13.986	5.75
77	MP3C	Z	24.224	5.75
78	MP3C	Mx	006	5.75
79	MP3A	X	-13.986	1.75
80	MP3A	Z	24.224	1.75
81	MP3A	Mx	006	1.75
82	MP3A	X	-13.986	5.75
83	MP3A	Z	24.224	5.75
84	MP3A	Mx	006	5.75
85	MP3B	X	-10.369	1.75
86	MP3B	Z	17.959	1.75
87	MP3B	Mx	016	1.75
88	MP3B	X	-10.369	5.75
89	MP3B	Z	17.959	5.75
90	MP3B	Mx	016	5.75
91	MP3C	X	-13.986	1.75
92	MP3C	Z	24.224	1.75
93	MP3C	Mx	.027	1.75
94	MP3C	X	-13.986	5.75
95	MP3C	Z	24.224	5.75
96	MP3C	Mx	.027	5.75
	00			511 0

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

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

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

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

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

	CONTROLL COURT (DEC 2)			
40	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	0	4.75
19	MP3A	X	-2.338	3
20	MP3A	Z	1.35	3
21	MP3A	Mx	002	3
22	MP3B	X	-2.338	3
23	MP3B	Z	1.35	3
24	MP3B	Mx	.000269	3
25	MP3C	X	-2.875	3
26	MP3C	Z	1.66	3
27	MP3C	Mx	.002	3
28	OVP	X	-18.97	1
29	OVP	Z	10.953	1
30	OVP	Mx	0	1
31	MP3A	X	-9.117	3
32	MP3A	Z	5.263	3
33	MP3A	Mx	005	3
34	MP3B	X	-9.117	3
35	MP3B	Z	5.263	3
36	MP3B	Mx	.005	3
37	MP3C	X	-11.809	3
38	MP3C	Z	6.818	3
39	MP3C	Mx	0	3
40	MP4A	X	-8.093	3.5
41	MP4A	Z	4.673	3.5
42	MP4A	Mx	004	3.5
43	MP4B	X	-8.093	3.5
44	MP4B	Z	4.673	3.5
45	MP4B	Mx	.004	3.5
46	MP4C	X	-11.809	3.5
47	MP4C	Z	6.818	3.5
48	MP4C MP4C	Mx	0.010	3.5
			-25.685	
49	MP1A	X		1.75
50	MP1A		14.829	1.75
51	MP1A	Mx	.019	1.75
52	MP1A	X	-25.685	5.75
53	MP1A	Z	14.829	5.75
54	MP1A	Mx	.019	5.75
55	MP5A	X	-25.685	1.75
56	MP5A	Z	14.829	1.75
57	MP5A	Mx	.019	1.75
58	MP5A	X	-25.685	5.75
59	MP5A	Z	14.829	5.75
60	MP5A	Mx	.019	5.75
61	MP3A	X	-20.047	1.75
62	MP3A		11.574	1.75
63	MP3A	Mx	.023	1.75
64	MP3A	X	-20.047	5.75
65	MP3A	Z	11.574	5.75
66	MP3A	Mx	.023	5.75
67	MP3B	X	-20.047	1.75
68	MP3B	Z	11.574	1.75
69	MP3B	Mx	007	1.75
70	MP3B	X	-20.047	5.75
71	MP3B	Z	11.574	5.75
72	MP3B	Mx	007	5.75
73	MP3C	X	-26.313	1.75
74	MP3C	Z	15.192	1.75

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

	<u>ber Point Loads (BLC 23</u>			
75	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3C	Mx	02	1.75
76	MP3C	X	-26.313	5.75
77	MP3C	Z	15.192	5.75
78	MP3C	Mx	02	5.75
79	MP3A	X	-20.047	1.75
80	MP3A	Z	11.574	1.75
81	MP3A	Mx	.007	1.75
82	MP3A	X	-20.047	5.75
83	MP3A	Z	11.574	5.75
84	MP3A	Mx	.007	5.75
85	MP3B	X	-20.047	1.75
86	MP3B	Z	11.574	1.75
87	MP3B	Mx	023	1.75
88	MP3B	X	-20.047	5.75
89	MP3B	Z	11.574	5.75
90	MP3B	Mx	023	5.75
91	MP3C	X	-26.313	1.75
92	MP3C	Z	15.192	1.75
93	MP3C	Mx	.02	1.75
94	MP3C	X	-26.313	5.75
95	MP3C	Z	15.192	5.75
96	MP3C	Mx	.02	5.75
97	MP1C	X	-8.349	1.63
98	MP1C	Z	4.82	1.63
99	MP1C	Mx	0	1.63
100	MP1C	X	-8.349	5.88
101	MP1C	Z	4.82	5.88
102	MP1C	Mx	0	5.88
103	MP5C	X	-8.349	1.63
104	MP5C	Z	4.82	1.63
105	MP5C	Mx	0	1.63
106	MP5C	X	-8.349	5.88
107	MP5C	Z	4.82	5.88
108	MP5C	Mx	0	5.88
109	MP1B	X	-25.685	1.63
110	MP1B	Z	14.829	1.63
111	MP1B	Mx	019	1.63
112	MP1B	X	-25.685	5.88
113	MP1B	Z	14.829	5.88
114	MP1B	Mx	019	5.88
115	MP5B	X	-25.685	1.63
116	MP5B	Z	14.829	1.63
117	MP5B	Mx	019	1.63
118	MP5B	X	-25.685	5.88
119	MP5B	Z	14.829	5.88
120	MP5B	Mx	019	5.88
121	M79B	X	-3.466	7.75
122	M79B	Z	2.001	7.75
123	M79B	Mx	000578	7.75
124	M78	X	-3.466	7.75
125	M78	Z	2.001	7.75
126	M78	Mx	.000578	7.75
127		X		
	<u>M79B</u> M79B	Z	<u>-3.466</u> 2.001	7.75 7.75
128				
129	M79B	Mx	000578	7.75
130	M78	X	-3.466	7.75
131	M78	Z	2.001	7.75



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

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

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

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

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

	Marshan Labal			1 4: F#4 0/ 1
53	Member Label MP1A	Direction Z	Magnitude[lb,k-ft] 0	Location[ft,%] 5.75
54	MP1A	Mx	.022	5.75
	MP5A	X	-28.772	1.75
55 56	MP5A	Z		1.75
57	MP5A	Mx	.022	1.75
58	MP5A		-28.772	5.75
	MP5A	X Z	- <u>-28.772</u> 0	5.75
59	MP5A		.022	5.75
60	MP3A	Mx	-20.737	1.75
62	MP3A	X	0	1.75
	MP3A		.016	1.75
63	MP3A	Mx X	-20.737	5.75
64	MP3A	Z	- <u>20.737</u> 0	5.75
65	MP3A	Mx	.016	
66	MP3B	X	-27.972	5.75 1.75
68	MP3B	Z	0	1.75
69	MP3B	Mx	.006	1.75
70 71	MP3B MP3B	X Z	<u>-27.972</u> 0	5.75 5.75
72	MP3B	Mx	.006	5.75
73	MP3C	X	-27.972	1.75
74	MP3C	Z	-27.972 0	1.75
75	MP3C		027	1.75
76	MP3C	Mx X	027 -27.972	5.75
77	MP3C	Z	0	5.75
78	MP3C	Mx	027	5.75
79	MP3A	X	02 <i>1</i> -20.737	1.75
80	MP3A	Z	- <u>20.737</u> 0	1.75
81	MP3A		.016	1.75
82	MP3A	Mx X	-20.737	5.75
83	MP3A	Z	0	5.75
84	MP3A	Mx	.016	5.75
85	MP3B	X	-27.972	1.75
86	MP3B	Z	-21.912 0	1.75
87	MP3B	Mx	027	1.75
88	MP3B	X	-27.972	5.75
89	MP3B	Z	0	5.75
90	MP3B	Mx	027	5.75
91	MP3C	X	-27.972	1.75
92	MP3C	Z	0	1.75
93	MP3C	Mx	.006	1.75
94	MP3C	X	-27.972	5.75
95	MP3C	Z	0	5.75
96	MP3C	Mx	.006	5.75
97	MP1C	X	-11.831	1.63
98	MP1C	Z	0	1.63
99	MP1C	Mx	004	1.63
100	MP1C	X	-11.831	5.88
101	MP1C	Z	0	5.88
102	MP1C	Mx	004	5.88
103	MP5C	X	-11.831	1.63
104	MP5C	Z	0	1.63
105	MP5C	Mx	004	1.63
106	MP5C	X	-11.831	5.88
107	MP5C	Z	0	5.88
108	MP5C	Mx	004	5.88
109	MP1B	X	-31.43	1.63
108	IVIE ID		-J 1.4J	1.00

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

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

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

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

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

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

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

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

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

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

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

mon	iber Point Loads (BLC 26			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	.005	2.75
10	MP2B	X	-6.924	4.75
_11	MP2B	Z	-11.993	4.75
12	MP2B	Mx	.005	4.75
13	MP2C	X	-3.447	2.75
14	MP2C	Z	-5.971	2.75
15	MP2C	Mx	005	2.75
16	MP2C	X	-3.447	4.75
17	MP2C	Z	-5.971	4.75
18	MP2C	Mx	005	4.75
19	MP3A	X	-1.556	3
20	MP3A	Z	-2.696	3
21	MP3A	Mx	.001	3
22	MP3B	X	-1.556	3
23	MP3B	Z	-2.696	3
24	MP3B	Mx	003	3
25	MP3C	X	003 -1.247	3
	MP3C MP3C	Z		3
26			-2.159 -001	
27	MP3C	Mx	.001	3
28	OVP	X	-14.002	
29	OVP	Z	-24.252	1
30	OVP	Mx	0	1
31	MP3A	X	-6.3	3
32	MP3A	Z	-10.912	3
33	MP3A	Mx	003	3
34	MP3B	X	-6.3	3
35	MP3B	Z	-10.912	3
36	MP3B	Mx	003	3
37	MP3C	X	-4.745	3
38	MP3C	Z	-8.219	3
39	MP3C	Mx	.005	3
40	MP4A	X	-6.103	3.5
41	MP4A	Z	-10.571	3.5
42	MP4A	Mx	003	3.5
43	MP4B	X	-6.103	3.5
44	MP4B	Z	-10.571	3.5
45	MP4B	Mx	003	3.5
46	MP4C	X	-3.958	3.5
47	MP4C	Z	-6.855	3.5
48	MP4C	Mx	.004	3.5
49	MP1A	X	-15.715	1.75
50	MP1A	Z	-27.219	1.75
51	MP1A	Mx	.012	1.75
52	MP1A	X	-15.715	5.75
53	MP1A	Z	-27.219	5.75
54	MP1A	Mx	.012	5.75
55	MP5A	X	-15.715	1.75
	MP5A	Z		
<u>56</u> 57		Mx	<u>-27.219</u> .012	1.75 1.75
	MP5A MP5A	X	-15.715	5.75
58				
59	MP5A	Z	-27.219	5.75
60	MP5A	Mx	.012	5.75
61	MP3A	X	-13.986	1.75
62	MP3A	Z	-24.224	1.75
63	MP3A	Mx	006	1.75
64	MP3A	X	-13.986	5.75
65	MP3A	Z	-24.224	5.75

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

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

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

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

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

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

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

Mellibe	er Point Loads (BLC 2)	. Antenna vvin (U	Deg)) (Continued)	
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP4B	Z	-2.243	3.5
45	MP4B	Mx	000971	3.5
46	MP4C	X	0	3.5
47	MP4C	Z	-2.243	3.5
48	MP4C	Mx	.000971	3.5
49	MP1A	X	0	1.75
50	MP1A	Z	-10.68	1.75
51	MP1A	Mx	0	1.75
52	MP1A	X	0	5.75
53	MP1A	Z	-10.68	5.75
54	MP1A	Mx	0	5.75
55	MP5A	X	0	1.75
56	MP5A	Z	-10.68	1.75
57	MP5A	Mx	0	1.75
58	MP5A	X	0	5.75
59	MP5A	Z	-10.68	5.75
60	MP5A	Mx	0	5.75
61	MP3A	X	0	1.75
62	MP3A	Z	-9.969	1.75
63	MP3A	Mx	007	1.75
64	MP3A	X	0	5.75
65	MP3A	Z	-9.969	5.75
66	MP3A	Mx	007	5.75
67	MP3B	X	0	1.75
68	MP3B	Z	-7.403	1.75
69	MP3B	Mx	.007	1.75
70	MP3B	X	0	5.75
71	MP3B	Z	-7.403	5.75
72	MP3B	Mx	.007	5.75
73	MP3C	X	0	1.75
74	MP3C	Z	-7.403	1.75
75	MP3C	Mx	002	1.75
76	MP3C	X	0	5.75
77	MP3C	Z	-7.403	5.75
78	MP3C	Mx	002	5.75
79	MP3A	X	0	1.75
80	MP3A	Z	-9.969	1.75
81	MP3A	Mx	.007	1.75
82	MP3A	X	0	5.75
83	MP3A	Z	-9.969	5.75
84	MP3A MD2P	Mx V	.007	5.75
85	MP3B	X	0 7.402	1.75
86	MP3B	Z	-7.403 .002	1.75
87 88	MP3B MP3B	Mx X	.002 0	1.75 5.75
89	MP3B	Z	-7.403	5.75
90	MP3B		.002	5.75
		Mx V		
91	MP3C MP3C	X	0 -7.403	1.75 1.75
93	MP3C	Mx	-7.403 007	1.75
93	MP3C	X	007 0	5.75
	MP3C MP3C	Z	-7.403	
95				5.75
96	MP3C MP1C	Mx V	007 0	5.75
97	MP1C MP1C	X		1.63
		_		1.63
99	MP1C	Mx	003	1.63
100	MP1C	X	0	5.88

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

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

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

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

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

	Manuland abab			L
22	Member Label MP3B	Direction	Magnitude[lb,k-ft] .28	Location[ft,%]
23	MP3B	X Z	485	3 3
24	MP3B	Mx	00028	3
25	MP3C	X	.374	3
26	MP3C	Z	647	3
27	MP3C	Mx	00245	3
28	OVP	X	3.653	1
29	OVP	Z	-6.327	1
30	OVP	Mx	0	1
31	MP3A	X	 1.557	3
32	MP3A	Z	-2.696	3
33	MP3A	Mx	.000778	3
34	MP3B	X	1.138	3
35	MP3B	Z	-1.971	3
36	MP3B	Mx	001	3
37	MP3C	X	1.557	3
38	MP3C	Z	-2.696	3
39	MP3C	Mx	.000778	3
40	MP4A	X	1.505	3.5
41	MP4A	Z	-2.606	3.5
42	MP4A	Mx	.000752	3.5
43	MP4B	X	.93	3.5
44	MP4B	Z	-1.611	3.5
45	MP4B	Mx	00093	3.5
46	MP4C	X	1.505	3.5
47	MP4C	Z	-2.606	3.5
48	MP4C	Mx	.000752	3.5
49	MP1A	X	5.182	1.75
50	MP1A	Z	-8.975	1.75
51	MP1A	Mx	004	1.75
52	MP1A	X	5.182	5.75
53	MP1A	Z	-8.975	5.75
54	MP1A	Mx	004	5.75
55	MP5A	X	5.182	1.75
56	MP5A	Z	-8.975	1.75
57	MP5A	Mx	004	1.75
58	MP5A	X	5.182	5.75
59	MP5A	Z	-8.975	5.75
60	MP5A	Mx	004	5.75
61	MP3A	X	4.557	1.75
62	MP3A	Z	-7.892	1.75
63	MP3A	Mx	009	1.75
64	MP3A	X	4.557	5.75
65	MP3A	Z	-7.892	5.75
66	MP3A	Mx	009	5.75
67	MP3B	X	3.274	1.75
68	MP3B	X	-5.67	1.75
69	MP3B	Mx	.005	1.75
70	MP3B	X	3.274	5.75
71	MP3B	Z	-5.67	5.75
72	MP3B	Mx	.005	5.75
73	MP3C	X	4.557	1.75
74	MP3C	Z	-7.892	1.75
75	MP3C	Mx	.002	1.75
76	MP3C	X	4.557	5.75
77	MP3C	Z	-7.892	5.75
78	MP3C	Mx	.002	5.75
10	IVII OO	IVIA	.002	0.10



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

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

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

Member Label Direction Magnitudelle k ftl Location[ft.%]

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

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

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

	er Politi Loaus (BLC 2			
<b>F</b> 0	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5A	X Z	8.427	5.75
59	MP5A		-4.865	5.75
60	MP5A	Mx	006	5.75
61	MP3A	X	6.411	1.75
62	MP3A	Z	-3.701	1.75
63	MP3A	Mx	007	1.75
64	MP3A	X	6.411	5.75
65	MP3A	Z	-3.701	5.75
66	MP3A	Mx	007	5.75
67	MP3B	X	6.411	1.75
68	MP3B	Z	-3.701	1.75
69	MP3B	Mx	.002	1.75
70	MP3B	X	6.411	5.75
71	MP3B	Z	-3.701	5.75
72	MP3B	Mx	.002	5.75
73	MP3C	X	8.633	1.75
74	MP3C	Z	-4.984	1.75
75	MP3C	Mx	.007	1.75
76	MP3C	X	8.633	5.75
77	MP3C	Z	-4.984	5.75
78	MP3C	Mx	.007	5.75
79	MP3A	X	6.411	1.75
80	MP3A	Z	-3.701	1.75
81	MP3A	Mx	002	1.75
82	MP3A	X	6.411	5.75
		Z		
83	MP3A		-3.701	5.75
84	MP3A	Mx	002	5.75
85	MP3B	X	6.411	1.75
86	MP3B	Z	-3.701	1.75
87	MP3B	Mx	.007	1.75
88	MP3B	X	6.411	5.75
89	MP3B	Z	-3.701	5.75
90	MP3B	Mx	.007	5.75
91	MP3C	X	8.633	1.75
92	MP3C	Z	-4.984	1.75
93	MP3C	Mx	007	1.75
94	MP3C	X	8.633	5.75
95	MP3C	Z	-4.984	5.75
96	MP3C	Mx	007	5.75
97	MP1C	X	2.473	1.63
98	MP1C	Z	-1.428	1.63
99	MP1C	Mx	0	1.63
100	MP1C	X	2.473	5.88
101	MP1C	Z	-1.428	5.88
102	MP1C	Mx	0	5.88
103	MP5C	X	2.473	1.63
104	MP5C	X	-1.428	1.63
105	MP5C	Mx	0	1.63
106	MP5C	X	2.473	5.88
107	MP5C	Z	-1.428	5.88
108	MP5C	Mx	0	5.88
109	MP1B	X	8.427	1.63
110	MP1B	Z	-4.865	1.63
111	MP1B	Mx	.006	1.63
112	MP1B	X	8.427	5.88
113	MP1B	Z	-4.865	5.88
114	MP1B	Mx	.006	5.88
114	IVIT ID	IVIX	.000	0.00

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

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

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

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

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

	oci i dini Eduas (BEO di	-		
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3B	Mx	000778	3
37	MP3C	X	3.113	3
38	MP3C	Z	0	3
39	MP3C	Mx	000778	3
40	MP4A	X	1.86	3.5
41	MP4A	Z	0	3.5
42	MP4A	Mx	.00093	3.5
43	MP4B	X	3.009	3.5
44	MP4B	Z	0	3.5
45	MP4B	Mx	000752	3.5
	MP4C			3.5
46		X Z	3.009	
	MP4C			3.5
48	MP4C	Mx	000752	3.5
49	MP1A	X	9.414	1.75
50	MP1A	Z	0	1.75
51	MP1A	Mx	007	1.75
52	MP1A	X	9.414	5.75
53	MP1A	Z	0	5.75
54	MP1A	Mx	007	5.75
55	MP5A	X	9.414	1.75
56	MP5A	Z	0	1.75
57	MP5A	Mx	007	1.75
58	MP5A	X	9.414	5.75
59	MP5A	Z	0	5.75
60	MP5A	Mx	007	5.75
61	MP3A	X	6.547	1.75
62	MP3A	Z	0	1.75
63	MP3A	Mx	005	1.75
64	MP3A	X	6.547	5.75
65	MP3A	Z	0	5.75
66	MP3A	Mx	005	5.75
67	MP3B	X	9.113	1.75
68		Z	0	
	MP3B			1.75
69	MP3B	Mx	002	1.75
70	MP3B	X	9.113	5.75
71	MP3B	Z	0	5.75
72	MP3B	Mx	002	5.75
73	MP3C	X	9.113	1.75
74	MP3C	Z	0	1.75
75	MP3C	Mx	.009	1.75
76	MP3C	X	9.113	5.75
77	MP3C	Z	0	5.75
78	MP3C	Mx	.009	5.75
79	MP3A	X	6.547	1.75
80	MP3A		0	1.75
81	MP3A	Mx	005	1.75
82	MP3A	X	6.547	5.75
83	MP3A	Z	0	5.75
84	MP3A	Mx	005	5.75
85	MP3B	X	9.113	1.75
86	MP3B	Z	0	1.75
87	MP3B	Mx	.009	1.75
88	MP3B	X	9.113	5.75
89	MP3B	Z	0	5.75
90	MP3B	Mx	.009	5.75
91	MP3C	X	9.113	1.75
92	MP3C MP3C	Z		1.75
92	IVIP3C		0	1./5

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

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

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

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

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

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

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

Wich	iber Point Loads (BLC 31			
74	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP3B	Z	4.984	5.75
72	MP3B	Mx	007	5.75
73	MP3C	X Z	6.411	1.75
74	MP3C		3.701	1.75
75	MP3C	Mx	.007	1.75
76	MP3C	X	6.411	5.75
77	MP3C	Z	3.701	5.75
78	MP3C	Mx	.007	5.75
79	MP3A	X Z	6.411	1.75
80	MP3A		3.701	1.75
81	MP3A	Mx	007	1.75
82	MP3A	X Z	6.411	5.75
83	MP3A		3.701	5.75
84 85	MP3A MP3B	Mx X	007	5.75 1.75
		Z	8.633	
86 87	MP3B MP3B	Mx	<u>4.984</u> .007	1.75 1.75
88	MP3B	X		5.75
89	MP3B	Z	4.984	5.75
90	MP3B	Mx	.007	5.75
91	MP3C	X	6.411	1.75
92	MP3C	Z	3.701	1.75
93	MP3C	Mx	.002	1.75
94	MP3C	X	6.411	5.75
95	MP3C	Z	3.701	5.75
96	MP3C	Mx	.002	5.75
97	MP1C	X	4.456	1.63
98	MP1C	Z	2.572	1.63
99	MP1C	Mx	.003	1.63
100	MP1C	X	4.456	5.88
101	MP1C	Z	2.572	5.88
102	MP1C	Mx	.003	5.88
103	MP5C	X	4.456	1.63
104	MP5C	Z	2.572	1.63
105	MP5C	Mx	.003	1.63
106	MP5C	X	4.456	5.88
107	MP5C	Z	2.572	5.88
108	MP5C	Mx	.003	5.88
109	MP1B	X	9.249	1.63
110	MP1B	Z	5.34	1.63
111	MP1B	Mx	0	1.63
112	MP1B	X	9.249	5.88
113	MP1B	Z	5.34	5.88
114	MP1B	Mx	0	5.88
115	MP5B	X	9.249	1.63
116	MP5B	Z	5.34	1.63
117	MP5B	Mx	0	1.63
118	MP5B	X	9.249	5.88
119	MP5B	Z	5.34	5.88
120	MP5B	Mx	0	5.88
121	M79B	X	.869	7.75
122	M79B	Z	.502	7.75
123	M79B	Mx	.000145	7.75
124	M78	X	1.82	7.75
125	M78	Z	1.05	7.75
126	M78	Mx	0	7.75
127	M79B	X	.869	7.75



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

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

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

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

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

	r Point Loads (BLC 3			1 (1 150.0/1
40	Member Label MP1A	Direction	Magnitude[lb,k-ft] 5.182	Location[ft,%]
49 50	MP1A	X Z	8.975	1.75 1.75
51	MP1A	Mx	004	1.75
52	MP1A	X	5.182	5.75
53	MP1A	Z	8.975	5.75
54	MP1A	Mx	004	5.75
55	MP5A	X	5.182	1.75
56	MP5A	7	8.975	1.75
57	MP5A	Mx	004	1.75
58	MP5A	X	5.182	5.75
59	MP5A	Z	8.975	5.75
60	MP5A	Mx	004	5.75
61	MP3A	X	4.557	1.75
62	MP3A	Z	7.892	1.75
63	MP3A	Mx	.002	1.75
64	MP3A	X	4.557	5.75
65	MP3A	Z	7.892	5.75
66	MP3A	Mx	.002	5.75
67	MP3B	X	4.557	1.75
68	MP3B	Z	7.892	1.75
69	MP3B	Mx	009	1.75
70	MP3B	X	4.557	5.75
71	MP3B	Z	7.892	5.75
72	MP3B	Mx	009	5.75
73	MP3C	X	3.274	1.75
74	MP3C	Z	5.67	1.75
75	MP3C	Mx	.005	1.75
76	MP3C	X	3.274	5.75
77	MP3C	Z	5.67	5.75
78	MP3C	Mx	.005	5.75
79	MP3A	X	4.557	1.75
80	MP3A	Z	7.892	1.75
81	MP3A	Mx	009	1.75
82	MP3A	X	4.557	5.75
83	MP3A	Z	7.892	5.75
84	MP3A	Mx	009	5.75
85	MP3B	X	4.557	1.75
86	MP3B	Z	7.892	1.75
87	MP3B	Mx	.002	1.75
88	MP3B	X	4.557	5.75
89	MP3B	Z	7.892	5.75
90	MP3B	Mx	.002	5.75
91	MP3C	X	3.274	1.75
92	MP3C	Z	5.67	1.75
93	MP3C	Mx	.005	1.75
94	MP3C	X	3.274	5.75
95	MP3C	Z	5.67	5.75
96	MP3C	Mx	.005	5.75
97	MP1C	X	2.954	1.63
98	MP1C		5.116	1.63
99	MP1C	Mx	.004	1.63
100	MP1C	X Z	2.954	5.88
101	MP1C MP1C		<u>5.116</u> .004	5.88
102	MP1C MP5C	Mx X	004 2.954	5.88 1.63
	MP5C	Z	<u>2.954</u> 5.116	1.63
104	MP5C	Mx	.004	1.63
CUI	IVIPOU	IVIX	.004	1.03

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

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

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

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

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP3A	Mx	007	5.75
85	MP3B	X	0	1.75
86	MP3B	Z	7.403	1.75
87	MP3B	Mx	002	1.75
88	MP3B	X	0	5.75
89	MP3B	Z	7.403	5.75
90	MP3B	Mx	002	5.75
91	MP3C	X	0	1.75
92	MP3C	Ž	7.403	1.75
93	MP3C	Mx	.007	1.75
94	MP3C	X	0	5.75
95	MP3C	Z	7.403	5.75
96	MP3C	Mx	.007	5.75
97	MP1C	X	0	1.63
98	MP1C	Z	5.145	1.63
99	MP1C	Mx	.003	1.63
100	MP1C	X	0	5.88
101	MP1C	Z	5.145	5.88
102	MP1C	Mx	.003	5.88
103	MP5C	X	0	1.63
104	MP5C	Z	5.145	1.63
105	MP5C	Mx	.003	1.63
106	MP5C	X	0	5.88
107	MP5C	Z	5.145	5.88
108	MP5C	Mx	.003	5.88
109	MP1B	X	0	1.63
110	MP1B	Z	9.731	1.63
111	MP1B	Mx	006	1.63
112	MP1B	X	0	5.88
113	MP1B	Z	9.731	5.88
114	MP1B	Mx	006	5.88
115	MP5B	X	0	1.63
116	MP5B	Z	9.731	1.63
117	MP5B	Mx	006	1.63
118	MP5B	X	0	5.88
119	MP5B	Z	9.731	5.88
120	MP5B	Mx	006	5.88
121	M79B	X	000 0	7.75
122	M79B	Z	2.101	7.75
123	M79B	Mx	0	7.75
124	M78	X	0	7.75
125	M78	Z	1.003	7.75
126	M78	Mx	.000145	7.75
127	M79B	X	<u>.000145</u> 0	7.75
128	M79B	Z	2.101	7.75
129	M79B	Mx	0	7.75
	M78	X	0	
130		Z	1.003	7.75
131 132	M78 M78	Mx	.000145	7.75 7.75
132	IVI / O	IVIX	.000 140	1.13

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

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

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

Member Label   Direction   Magnitude[Ib.left]   Location[II.5]	mon	iber Point Loads (BLC 34	-		
6         MP2A         Mx         .001         4.75           7         MP2B         X         .739         2.75           8         MP2B         Z         1.279         2.75           9         MP2B         X         .001         2.75           10         MP2B         X         .739         4.75           11         MP2B         X         .001         4.75           12         MP2B         Mx         .001         4.75           12         MP2B         Mx         .001         4.75           14         MP2C         X         .1793         2.25           15         MP2C         Mx         .001         2.25           16         MP2C         X         .1793         4.75           16         MP2C         X         .1793         4.75           16         MP2C         X         .1793         4.75           17         MP2C         X         .1793         4.75           18         MP2C         X         .374         3           20         MP3A         X         .347         3           21         MP3A         <		Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
T	5				
8         MP2B         Z         1,279         2,75           10         MP2B         X         -,001         2,75           10         MP2B         X         -,739         4,75           11         MP2B         Z         1,279         4,75           12         MP2B         X         -,001         4,75           13         MP2C         X         -1,793         2,275           14         MP2C         X         -1,793         2,275           15         MP2C         Mx         .001         2,275           16         MP2C         X         -1,793         4,75           16         MP2C         X         -1,793         4,75           17         MP2C         X         -1,793         4,75           18         MP2C         Mx         .001         4,75           19         MP3A         X         -3,374         3           20         MP3A         X         -3,34         3           21         MP3A         X         -2,84         3           22         MP3B         X         -2,84         3           23         MP3B <td></td> <td></td> <td></td> <td></td> <td></td>					
9			X		
10					
11					
12					
13					
14         MP2C         Z         3.106         2.75           16         MP2C         X         -1.793         4.75           16         MP2C         X         -1.793         4.75           17         MP2C         Z         3.106         4.75           18         MP2C         Mx         .001         4.75           19         MP3A         X         -3.74         3           20         MP3A         X         -3.74         3           21         MP3A         Mx         -000618         3           21         MP3A         Mx         -000618         3           22         MP3B         X         -28         3           23         MP3B         X         -28         3           24         MP3B         Mx         00028         3           25         MP3C         X         -374         3           26         MP3C         X         -374         3           27         MP3C         Mx         -000245         3           28         OVP         X         -3.653         1           29         OVP         X					
15         MP2C         Mx         .001         2.75           16         MP2C         X         -1.793         4.75           17         MP2C         Z         3.106         4.75           18         MP2C         Mx         .001         4.75           19         MP3A         X         .374         3           20         MP3A         X         .374         3           20         MP3A         X         .374         3           21         MP3A         Mx         .000618         3           22         MP3B         X         .28         3           23         MP3B         X         .28         3           24         MP3B         X         .28         3           24         MP3B         Mx         .00028         3           25         MP3C         X         .374         3           26         MP3C         X         .3653         1           27         MP3C         Mx         .000245         3           27         MP3C         Mx         .000245         3           29         OVP         Z         <			X		
16					
17					
18         MP2C         Mx         .001         4.75           19         MP3A         X         .374         3           20         MP3A         Z         .647         3           21         MP3A         Mx         .000618         3           21         MP3B         X         .28         3           23         MP3B         X         .28         3           24         MP3B         Mx         .00028         3           25         MP3B         Mx         .00028         3           26         MP3C         Z         .647         3           27         MP3C         X         .3653         1           28         OVP         X         .3.653         1           29         OVP         Z         .6327         1           30         OVP         Mx         .0         1           31         MP3A         X         .1.557         3           32         MP3A         X         .1.557         3           33         MP3A         X         .1.158         3           33         MP3A         X         .1.138 </td <td></td> <td></td> <td>X</td> <td></td> <td></td>			X		
19					
20         MP3A         Z         647         3           21         MP3B         X        000618         3           22         MP3B         X        28         3           23         MP3B         X        00028         3           24         MP3B         Mx         00028         3           25         MP3C         X        374         3           26         MP3G         Z         647         3           27         MP3C         Mx         .000245         3           28         OVP         X         -3.653         1           29         OVP         Z         6.327         1           30         OVP         MX         -1.557         3           31         MP3A         X         -1.557         3           32         MP3A         X         -1.557         3           33         MP3A         X         -1.138         3           34         MP3B         X         -1.138         3           35         MP3B         Z         1.971         3           36         MP3B         MX         -					
21         MP3A         Mx        00618         3           22         MP3B         X        28         3           23         MP3B         Z         .485         3           24         MP3B         Mx         .00028         3           25         MP3C         X         .374         3           26         MP3C         Z         .647         3           27         MP3C         MX         .000245         3           28         OVP         X         -3.653         1           29         OVP         X         -3.653         1           29         OVP         X         -3.653         1           30         OVP         Mx         0         1           31         MP3A         X         -1.557         3           32         MP3A         X         -1.557         3           33         MP3A         MX         -000778         3           34         MP3B         X         -1.138         3           35         MP3B         X         -1.557         3           38         MP3B         Mx         -0					
22         MP3B         X         -28         3           24         MP3B         X         .00028         3           25         MP3C         X         -374         3           26         MP3C         Z         647         3           27         MP3C         Mx         .000245         3           28         OVP         X         3.653         1           29         OVP         X         3.653         1           29         OVP         X         3.653         1           30         OVP         Mx         0         1           31         MP3A         X         -1.557         3           32         MP3A         X         -1.557         3           32         MP3A         X         -0.00778         3           34         MP3B         X         -1.138         3           35         MP3B         X         -1.557         3           36         MP3B         X         -1.557         3           38         MP3C         X         -1.557         3           39         MP3B         X         -1.557 <td></td> <td></td> <td></td> <td></td> <td></td>					
23         MP3B         Z         485         3           24         MP3B         Mx         .00028         3           25         MP3C         X         -,374         3           26         MP3C         Z         .647         3           27         MP3C         Mx         .000245         3           28         OVP         X         -3.653         1           29         OVP         Z         6.327         1           30         OVP         MX         0         1           31         MP3A         X         -1,557         3           32         MP3A         X         -1,557         3           33         MP3A         X         -1,138         3           34         MP3B         X         -1,138         3           35         MP3B         X         -1,138         3           36         MP3B         X         -1,557         3           38         MP3C         X         -1,557         3           38         MP3C         X         -1,557         3           38         MP3C         X         -1,55					3
24         MP3B         Mx         .00028         3           25         MP3C         X        374         3           26         MP3C         Z         647         3           27         MP3C         Mx         .000245         3           28         OVP         X         3.653         1           29         OVP         Z         6.327         1           30         OVP         MX         0         1           31         MP3A         X         -1.557         3           32         MP3A         X         -1.557         3           32         MP3A         X         -1.138         3           34         MP3B         X         -1.138         3           35         MP3B         X         -1.138         3           36         MP3B         X         -1.557         3           38         MP3C         X         -1.557         3           38         MP3B         X         -1.557         3           39         MP3C         X         -1.557         3           40         MP4A         X         -1.5			X	28	
25         MP3C         X         -374         3           26         MP3C         Z         647         3           27         MP3C         Mx         .000245         3           28         OVP         X         -3.653         1           29         OVP         Z         6.327         1           30         OVP         Mx         0         1           31         MP3A         X         -1.557         3           32         MP3A         X         -1.557         3           33         MP3A         X         -1.38         3           34         MP3B         X         -1.38         3           35         MP3B         X         -1.557         3           36         MP3B         X         -1.38         3           37         MP3B         X         -1.557         3           38         MP3B         X         -1.557         3           39         MP3C         X         -1.557         3           39         MP3C         X         -1.557         3           39         MP3C         MX         -0.0077					3
26         MP3C         Z         647         3           27         MP3C         Mx         .000245         3           28         OVP         X         -3.653         1           29         OVP         Z         6.327         1           30         OVP         Mx         0         1           31         MP3A         X         -1.557         3           32         MP3A         X         -1.557         3           33         MP3A         X         -000778         3           34         MP3B         X         -1.138         3           35         MP3B         X         -1.1557         3           36         MP3B         X         -1.557         3           37         MP3C         X         -1.557         3           38         MP3B         Mx         -0.01         3           37         MP3C         X         -1.557         3           38         MP3C         X         -1.557         3           39         MP3C         X         -1.557         3           39         MP3C         X         -					
27         MP3C         Mx         .000245         3           28         OVP         X         -3.653         1           29         OVP         Z         6.327         1           30         OVP         Mx         0         1           31         MP3A         X         -1.557         3           32         MP3A         X         -1.557         3           33         MP3A         X         -1.138         3           34         MP3B         X         -1.138         3           35         MP3B         X         -1.138         3           36         MP3B         MX         .001         3           37         MP3G         X         -1.557         3           38         MP3C         X         -1.557         3           38         MP3C         X         -1.557         3           39         MP3C         X         -1.557         3           39         MP3C         MX         -0.00778         3           41         MP4A         X         -1.505         3.5           41         MP4A         X			X		
28         OVP         X         -3.653         1           30         OVP         Mx         0         1           31         MP3A         X         -1.557         3           32         MP3A         Z         2.696         3           33         MP3A         MX         -0.00778         3           34         MP3B         X         -1.138         3           35         MP3B         X         -1.138         3           36         MP3B         MX         .001         3           37         MP3C         X         -1.557         3           38         MP3C         X         -1.557         3           39         MP3C         X         -1.557         3           39         MP3C         Mx         -0.00778         3           39         MP3C         Mx         -0.00778         3           40         MP4A         X         -1.505         3.5           41         MP4A         X         -1.505         3.5           41         MP4A         X         -93         3.5           43         MP4B         X					
29         OVP         Z         6.327         1           30         OVP         Mx         0         1           31         MP3A         X         -1.557         3           32         MP3A         X         -1.557         3           33         MP3A         Mx        000778         3           34         MP3B         X         -1.138         3           35         MP3B         X         -1.1971         3           36         MP3B         Mx         .001         3           37         MP3C         X         -1.557         3           38         MP3C         X         -1.557         3           39         MP3C         Mx         -000778         3           40         MP4A         X         -1.505         3.5           41         MP4A         X         -1.505         3.5           41         MP4A         X         -2.606         3.5           42         MP4A         Mx        000752         3.5           43         MP4B         X         -1.505         3.5           44         MP4B         X<					
30         OVP         Mx         0         1           31         MP3A         X         -1.557         3           32         MP3A         Z         2.696         3           33         MP3A         MX         -000778         3           34         MP3B         X         -1.138         3           35         MP3B         Z         1.971         3           36         MP3B         MX         .001         3           37         MP3C         X         -1.557         3           38         MP3C         X         -1.557         3           39         MP3C         MX         -1.557         3           39         MP3C         MX         -1.557         3           40         MP4A         X         -1.505         3.5           41         MP4A         X         -1.505         3.5           42         MP4A         X         -1.505         3.5           42         MP4A         MX        93         3.5           43         MP4B         X        93         3.5           44         MP4B         X					
31         MP3A         Z         2.696         3           32         MP3A         Z         2.696         3           33         MP3B         Mx         -000778         3           34         MP3B         X         -1.138         3           35         MP3B         X         -1.971         3           36         MP3B         Mx         .001         3           37         MP3C         X         -1.557         3           38         MP3C         X         -1.557         3           39         MP3C         X         -1.5078         3           40         MP4A         X         -1.505         3.5           41         MP4A         X         -1.505         3.5           42         MP4A         X         -000752         3.5           42         MP4A         Mx         -000752         3.5           44         MP4B         X         -93         3.5           44         MP4B         X         -93         3.5           45         MP4B         Mx         .00093         3.5           47         MP4C         X					·
32         MP3A         Z         2.696         3           33         MP3A         Mx        000778         3           34         MP3B         X         -1.138         3           35         MP3B         Z         1.971         3           36         MP3B         Mx         .001         3           37         MP3C         X         -1.557         3           38         MP3C         Z         2.696         3           39         MP3C         Mx        000778         3           40         MP4A         X         -1.505         3.5           41         MP4A         X         -1.505         3.5           41         MP4A         X         -1.505         3.5           42         MP4A         Mx        000752         3.5           43         MP4B         X        93         3.5           44         MP4B         X        93         3.5           44         MP4B         X        93         3.5           45         MP4B         Mx         .00093         3.5           47         MP4C         <					-
33         MP3A         Mx        000778         3           34         MP3B         X         -1.138         3           35         MP3B         Z         1.971         3           36         MP3B         Mx         .001         3           37         MP3C         X         -1.557         3           38         MP3C         Z         2.696         3           39         MP3C         Mx        000778         3           40         MP4A         X         -1.505         3.5           41         MP4A         Z         2.606         3.5           41         MP4A         X         -000752         3.5           43         MP4B         X        93         3.5           44         MP4B         Z         1.611         3.5           45         MP4B         X         -1.505         3.5           47         MP4B         X         -1.505         3.5           47         MP4C         X         -1.505         3.5           47         MP4C         X         -1.505         3.5           47         MP4C			X		3
34         MP3B         Z         1.971         3           36         MP3B         MX         .001         3           37         MP3C         X         -1.557         3           38         MP3C         Z         2.696         3           39         MP3C         MX        000778         3           40         MP4A         X         -1.505         3.5           41         MP4A         X         -1.505         3.5           41         MP4A         X         -1.505         3.5           42         MP4A         MX        000752         3.5           43         MP4B         X        93         3.5           44         MP4B         X        1.505         3.5           47         MP4C         X         -1.505         3.5           47         MP4C         <					
35         MP3B         Z         1.971         3           36         MP3B         Mx         .001         3           37         MP3C         X         -1.557         3           38         MP3C         Z         2.696         3           39         MP3C         Mx        000778         3           40         MP4A         X         -1.505         3.5           41         MP4A         X         -1.505         3.5           42         MP4A         Mx        000752         3.5           43         MP4B         X        93         3.5           44         MP4B         X        93         3.5           44         MP4B         X        93         3.5           46         MP4B         X        1505         3.5           47         MP4B         X         -1.505         3.5           47         MP4C         X         -1.505         3.5           48         MP4C         X         -1.505         3.5           49         MP4A         X         -5.182         1.75           50         MP1A					3
36         MP3B         Mx         .001         3           37         MP3C         X         -1.557         3           38         MP3C         Z         2.696         3           39         MP3C         Mx        000778         3           40         MP4A         X         -1.505         3.5           41         MP4A         X         -1.505         3.5           42         MP4A         Mx         -000752         3.5           43         MP4B         X        93         3.5           44         MP4B         X        93         3.5           44         MP4B         X        93         3.5           45         MP4B         Mx         .00093         3.5           46         MP4C         X         -1.505         3.5           47         MP4C         X         -1.505         3.5           48         MP4C         Mx         -0.0093         3.5           49         MP1A         X         -5.182         1.75           50         MP1A         X         -5.182         1.75           51         MP1A					
37         MP3C         X         -1.557         3           38         MP3C         Z         2.696         3           39         MP3C         Mx        000778         3           40         MP4A         X         -1.505         3.5           41         MP4A         Z         2.606         3.5           42         MP4A         Mx        000752         3.5           43         MP4B         X        93         3.5           44         MP4B         Z         1.611         3.5           45         MP4B         Mx         .00093         3.5           46         MP4C         X         -1.505         3.5           47         MP4C         X         -1.505         3.5           48         MP4C         Mx        000752         3.5           49         MP1A         X         -5.182         1.75           50         MP1A         X         -5.182         1.75           51         MP1A         X         -5.182         5.75           53         MP1A         X         -5.182         5.75           54					
38         MP3C         Z         2.696         3           39         MP3C         Mx        000778         3           40         MP4A         X         -1.505         3.5           41         MP4A         Z         2.606         3.5           42         MP4A         Mx        000752         3.5           43         MP4B         X        93         3.5           44         MP4B         Z         1.611         3.5           45         MP4B         Mx         .00093         3.5           46         MP4C         X         -1.505         3.5           47         MP4B         Mx         .00093         3.5           47         MP4C         X         -1.505         3.5           47         MP4C         X         -1.505         3.5           49         MP4C         Mx        000752         3.5           49         MP1A         X         -5.182         1.75           50         MP1A         X         -5.182         1.75           51         MP1A         X         -5.182         5.75           53 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
39         MP3C         Mx        000778         3           40         MP4A         X         -1.505         3.5           41         MP4A         Z         2.606         3.5           42         MP4A         Mx        000752         3.5           43         MP4B         X        93         3.5           44         MP4B         X        93         3.5           45         MP4B         Mx         .00093         3.5           46         MP4C         X         -1.505         3.5           47         MP4C         X         -1.505         3.5           47         MP4C         X         -000752         3.5           49         MP1A         X         -5.182         1.75           50         MP1A         X         -5.182         1.75           51         MP1A         X         -5.182         5.75           51         MP1A         X         -5.182         5.75           53         MP1A         X         -5.182         5.75           54         MP1A         Mx         .004         5.75           55         <			X		3
40         MP4A         X         -1.505         3.5           41         MP4A         Z         2.606         3.5           42         MP4A         Mx        000752         3.5           43         MP4B         X        93         3.5           44         MP4B         Z         1.611         3.5           45         MP4B         Mx         .00093         3.5           46         MP4C         X         -1.505         3.5           47         MP4C         Z         2.606         3.5           48         MP4C         Mx         -5.182         1.75           49         MP1A         X         -5.182         1.75           50         MP1A         X         -5.182         1.75           51         MP1A         X         -5.182         5.75           51         MP1A         X         -5.182         5.75           53         MP1A         X         -5.182         5.75           54         MP1A         X         -5.182         1.75           54         MP1A         X         -5.182         1.75           55					
41         MP4A         Z         2.606         3.5           42         MP4A         Mx        000752         3.5           43         MP4B         X        93         3.5           44         MP4B         Z         1.611         3.5           45         MP4B         Mx         .00093         3.5           46         MP4B         Mx         .00093         3.5           46         MP4B         Mx         .00093         3.5           47         MP4B         Mx         .1.505         3.5           47         MP4C         X         -1.505         3.5           47         MP4C         X         -1.505         3.5           48         MP4C         Mx        000752         3.5           49         MP4C         Mx        5.182         1.75           50         MP1A         X         -5.182         1.75           51         MP1A         X         -5.182         5.75           53         MP1A         X         -5.182         5.75           54         MP1A         Mx         .004         5.75           55					
42         MP4A         Mx        000752         3.5           43         MP4B         X        93         3.5           44         MP4B         Z         1.611         3.5           45         MP4B         Mx         .00093         3.5           46         MP4C         X         -1.505         3.5           47         MP4C         Z         2.606         3.5           48         MP4C         Mx         -000752         3.5           49         MP4C         Mx         -5.182         1.75           50         MP1A         X         -5.182         1.75           51         MP1A         X         -5.182         5.75           51         MP1A         X         -5.182         5.75           53         MP1A         X         -5.182         5.75           53         MP1A         X         -5.182         5.75           54         MP1A         X         -5.182         1.75           55         MP5A         X         -5.182         1.75           56         MP5A         X         -5.182         5.75           59					
43         MP4B         X        93         3.5           44         MP4B         Z         1.611         3.5           45         MP4B         Mx         .00093         3.5           46         MP4C         X         -1.505         3.5           47         MP4C         Z         2.606         3.5           48         MP4C         Mx        000752         3.5           49         MP1A         X         -5.182         1.75           50         MP1A         X         -5.182         1.75           51         MP1A         X         -5.182         5.75           51         MP1A         X         -5.182         5.75           53         MP1A         X         -5.182         5.75           53         MP1A         X         -5.182         5.75           54         MP1A         X         -5.182         1.75           55         MP5A         X         -5.182         1.75           56         MP5A         X         -5.182         1.75           58         MP5A         X         -5.182         5.75           59					
44         MP4B         Z         1.611         3.5           45         MP4B         Mx         .00093         3.5           46         MP4C         X         -1.505         3.5           47         MP4C         Z         2.606         3.5           48         MP4C         Mx        000752         3.5           49         MP4A         X         -5.182         1.75           50         MP1A         Z         8.975         1.75           51         MP1A         Mx         .004         1.75           52         MP1A         X         -5.182         5.75           53         MP1A         X         -5.182         5.75           54         MP1A         Mx         .004         5.75           54         MP1A         Mx         .004         5.75           55         MP5A         X         -5.182         1.75           56         MP5A         X         -5.182         5.75           57         MP5A         X         -5.182         5.75           59         MP5A         X         -5.182         5.75           60					
45         MP4B         Mx         .00093         3.5           46         MP4C         X         -1.505         3.5           47         MP4C         Z         2.606         3.5           48         MP4C         Mx        000752         3.5           49         MP1A         X         -5.182         1.75           50         MP1A         Z         8.975         1.75           51         MP1A         Mx         .004         1.75           52         MP1A         X         -5.182         5.75           53         MP1A         Z         8.975         5.75           54         MP1A         Mx         .004         5.75           54         MP1A         Mx         .004         5.75           55         MP5A         X         -5.182         1.75           56         MP5A         X         -5.182         1.75           57         MP5A         Mx         .004         1.75           58         MP5A         X         -5.182         5.75           59         MP5A         X         -5.182         5.75           60			X		
46         MP4C         X         -1.505         3.5           47         MP4C         Z         2.606         3.5           48         MP4C         Mx        000752         3.5           49         MP1A         X         -5.182         1.75           50         MP1A         Z         8.975         1.75           51         MP1A         Mx         .004         1.75           52         MP1A         X         -5.182         5.75           53         MP1A         Z         8.975         5.75           54         MP1A         Mx         .004         5.75           55         MP5A         X         -5.182         1.75           56         MP5A         Z         8.975         1.75           57         MP5A         Mx         .004         1.75           58         MP5A         X         -5.182         5.75           59         MP5A         X         -5.182         5.75           60         MP5A         Mx         .004         5.75					
47       MP4C       Z       2.606       3.5         48       MP4C       Mx      000752       3.5         49       MP1A       X       -5.182       1.75         50       MP1A       Z       8.975       1.75         51       MP1A       Mx       .004       1.75         52       MP1A       X       -5.182       5.75         53       MP1A       Z       8.975       5.75         54       MP1A       Mx       .004       5.75         55       MP5A       X       -5.182       1.75         56       MP5A       Z       8.975       1.75         57       MP5A       Mx       .004       1.75         58       MP5A       X       -5.182       5.75         59       MP5A       Z       8.975       5.75         60       MP5A       Mx       .004       5.75					
48         MP4C         Mx        000752         3.5           49         MP1A         X         -5.182         1.75           50         MP1A         Z         8.975         1.75           51         MP1A         Mx         .004         1.75           52         MP1A         X         -5.182         5.75           53         MP1A         Z         8.975         5.75           54         MP1A         Mx         .004         5.75           55         MP5A         X         -5.182         1.75           56         MP5A         Z         8.975         1.75           57         MP5A         Mx         .004         1.75           58         MP5A         X         -5.182         5.75           59         MP5A         X         -5.182         5.75           60         MP5A         Mx         .004         5.75			X		
49       MP1A       X       -5.182       1.75         50       MP1A       Z       8.975       1.75         51       MP1A       Mx       .004       1.75         52       MP1A       X       -5.182       5.75         53       MP1A       Z       8.975       5.75         54       MP1A       Mx       .004       5.75         55       MP5A       X       -5.182       1.75         56       MP5A       Z       8.975       1.75         57       MP5A       Mx       .004       1.75         58       MP5A       X       -5.182       5.75         59       MP5A       Z       8.975       5.75         60       MP5A       Mx       .004       5.75					
50         MP1A         Z         8.975         1.75           51         MP1A         Mx         .004         1.75           52         MP1A         X         -5.182         5.75           53         MP1A         Z         8.975         5.75           54         MP1A         Mx         .004         5.75           55         MP5A         X         -5.182         1.75           56         MP5A         Z         8.975         1.75           57         MP5A         Mx         .004         1.75           58         MP5A         X         -5.182         5.75           59         MP5A         Z         8.975         5.75           60         MP5A         Mx         .004         5.75					
51         MP1A         Mx         .004         1.75           52         MP1A         X         -5.182         5.75           53         MP1A         Z         8.975         5.75           54         MP1A         Mx         .004         5.75           55         MP5A         X         -5.182         1.75           56         MP5A         Z         8.975         1.75           57         MP5A         Mx         .004         1.75           58         MP5A         X         -5.182         5.75           59         MP5A         Z         8.975         5.75           60         MP5A         Mx         .004         5.75			X		
52         MP1A         X         -5.182         5.75           53         MP1A         Z         8.975         5.75           54         MP1A         Mx         .004         5.75           55         MP5A         X         -5.182         1.75           56         MP5A         Z         8.975         1.75           57         MP5A         Mx         .004         1.75           58         MP5A         X         -5.182         5.75           59         MP5A         Z         8.975         5.75           60         MP5A         Mx         .004         5.75					
53         MP1A         Z         8.975         5.75           54         MP1A         Mx         .004         5.75           55         MP5A         X         -5.182         1.75           56         MP5A         Z         8.975         1.75           57         MP5A         Mx         .004         1.75           58         MP5A         X         -5.182         5.75           59         MP5A         Z         8.975         5.75           60         MP5A         Mx         .004         5.75					
54         MP1A         Mx         .004         5.75           55         MP5A         X         -5.182         1.75           56         MP5A         Z         8.975         1.75           57         MP5A         Mx         .004         1.75           58         MP5A         X         -5.182         5.75           59         MP5A         Z         8.975         5.75           60         MP5A         Mx         .004         5.75			X		
55     MP5A     X     -5.182     1.75       56     MP5A     Z     8.975     1.75       57     MP5A     Mx     .004     1.75       58     MP5A     X     -5.182     5.75       59     MP5A     Z     8.975     5.75       60     MP5A     Mx     .004     5.75					
56         MP5A         Z         8.975         1.75           57         MP5A         Mx         .004         1.75           58         MP5A         X         -5.182         5.75           59         MP5A         Z         8.975         5.75           60         MP5A         Mx         .004         5.75					
56         MP5A         Z         8.975         1.75           57         MP5A         Mx         .004         1.75           58         MP5A         X         -5.182         5.75           59         MP5A         Z         8.975         5.75           60         MP5A         Mx         .004         5.75			X		
57         MP5A         Mx         .004         1.75           58         MP5A         X         -5.182         5.75           59         MP5A         Z         8.975         5.75           60         MP5A         Mx         .004         5.75			Z		
59         MP5A         Z         8.975         5.75           60         MP5A         Mx         .004         5.75	57		Mx		
60 MP5A Mx .004 5.75	58		X		
60 MP5A Mx .004 5.75					
	60			.004	
	61	MP3A		-4.557	1.75

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

MEILIDE	r Point Loads (BLC 3	4 . Alitellila Will (2)	o Degiji (Continued)	
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3A	Z	7.892	1.75
63	MP3A	Mx	.009	1.75
64	MP3A	X	-4.557	5.75
65	MP3A	Z	7.892	5.75
66	MP3A	Mx	.009	5.75
67	MP3B	X	-3.274	1.75
68	MP3B	Z	5.67	1.75
69	MP3B	Mx	005	1.75
70	MP3B	X	-3.274	5.75
71	MP3B	Z	5.67	5.75
72	MP3B	Mx	005	5.75
73	MP3C	X	-4.557	1.75
74	MP3C	Z	7.892	1.75
75	MP3C	Mx	002	1.75
76	MP3C	X	-4.557	5.75
77	MP3C	Z	7.892	5.75
78	MP3C	Mx	002	5.75
79	MP3A	X	-4.557	1.75
80	MP3A	Z	7.892	1.75
81	MP3A	Mx	002	1.75
82	MP3A	X	-4.557	5.75
83	MP3A	Z	7.892	5.75
84	MP3A	Mx	002	5.75
85	MP3B	X	-3.274	1.75
86	MP3B	Z	5.67	1.75
87	MP3B	Mx	005	1.75
88	MP3B	X	-3.274	5.75
89	MP3B	Z	5.67	5.75
90	MP3B	Mx	005	5.75
91	MP3C	X	-4.557	1.75
92	MP3C	Z	7.892	1.75
93	MP3C	Mx	.009	1.75
94	MP3C	X	-4.557	5.75
95	MP3C	Z	7.892	5.75
96	MP3C	Mx	.009	5.75
97	MP1C	X	-1.809	1.63
98	MP1C	Z	3.134	1.63
99	MP1C	Mx	.001	1.63
100	MP1C	X	-1.809	5.88
101	MP1C	Z	3.134	5.88
102	MP1C	Mx	.001	5.88
103	MP5C	X	-1.809	1.63
104	MP5C	Z	3.134	1.63
105	MP5C	Mx	.001	1.63
106	MP5C	X	-1.809	5.88
107	MP5C	Z	3.134	5.88
108	MP5C	Mx	.001	5.88
109	MP1B	X	-4.707	1.63
110	MP1B	Z	8.153	1.63
111	MP1B	Mx	007	1.63
112	MP1B	X	-4.707	5.88
113	MP1B	Z	8.153	5.88
114	MP1B	Mx	007	5.88
115	MP5B	X	-4.707	1.63
116	MP5B	Z	8.153	1.63
117	MP5B	Mx	007	1.63
118	MP5B	X	-4.707	5.88

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

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

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP4A		-1.943	3.5
41	MP4A	X Z	1.122	3.5
42	MP4A	Mx	000972	3.5
43	MP4B	X	-1.943	3.5
44	MP4B	Z	1.122	3.5
45	MP4B	Mx	.000972	3.5
46	MP4C	X	-2.938	3.5
47	MP4C	Z	1.696	3.5
48	MP4C	Mx	0	3.5
49	MP1A	X	-8.427	1.75
50	MP1A	Z	4.865	1.75
51	MP1A	Mx	.006	1.75
52	MP1A	X	-8.427	5.75
53	MP1A	Z	4.865	5.75
54	MP1A	Mx	.006	5.75
55	MP5A	X	-8.427	1.75
56	MP5A	Z	4.865	1.75
57	MP5A	Mx	.006	1.75
58	MP5A	X	-8.427	5.75
59	MP5A	Z	4.865	5.75
60	MP5A	Mx	.006	5.75
61	MP3A	X	-6.411	1.75
62	MP3A	Z	3.701	1.75
63	MP3A	Mx	.007	1.75
64	MP3A	X	-6.411	5.75
65	MP3A	Z	3.701	5.75
66	MP3A	Mx	.007	5.75
67	MP3B	X	-6.411	1.75
68	MP3B	Z	3.701	1.75
69	MP3B	Mx	002	1.75
70	MP3B	X	-6.411	5.75
71	MP3B	Z	3.701	5.75
72	MP3B	Mx	002	5.75
73	MP3C	X	-8.633	1.75
74	MP3C	Z	4.984	1.75
75	MP3C	Mx	007	1.75
76	MP3C	X	-8.633	5.75
77	MP3C	Z	4.984	5.75
78	MP3C	Mx	007	5.75
79	MP3A	X	-6.411	1.75
80	MP3A	Z	3.701	1.75
81	MP3A	Mx	.002	1.75
82	MP3A	X	-6.411 2.701	5.75
83	MP3A	Mx	3.701 .002	5.75
84	MP3A MP3B		-6.411	5.75
85 86	MP3B	X	3.701	1.75 1.75
87	MP3B	Mx	007	1.75
88	MP3B	X	00 <i>7</i> -6.411	5.75
89	MP3B	Z	3.701	5.75
90	MP3B	Mx	007	5.75
91	MP3C	X	-8.633	1.75
92	MP3C	Z	4.984	1.75
93	MP3C	Mx	.007	1.75
94	MP3C	X	-8.633	5.75
95	MP3C	Z	4.984	5.75
96	MP3C	Mx	.007	5.75
	IVII OO	IVIA	.001	0.10

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

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

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

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

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

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

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

Wichin	Der Point Loads (BLC 30	. Antenia viii	(Ero Deg)) (Continued)	
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3C	Mx	009	1.75
76	MP3C	X	-9.113	5.75
77	MP3C	Z	0	5.75
78	MP3C	Mx	009	5.75
79	MP3A	X	-6.547	1.75
80	MP3A	Z	0	1.75
81	MP3A	Mx	.005	1.75
82	MP3A	X	-6.547	5.75
83	MP3A	Z	0	5.75
84	MP3A	Mx	.005	5.75
85	MP3B	X	-9.113	1.75
86	MP3B	Z	0	1.75
87	MP3B	Mx	009	1.75
88	MP3B	X	-9.113	5.75
89	MP3B	Z	0	5.75
90	MP3B	Mx	009	5.75
91	MP3C	X	-9.113	1.75
92	MP3C MP3C	Z	-9.113	1.75
93	MP3C MP3C	Mx	.002	1.75
94	MP3C	X Z	-9.113	5.75
95	MP3C		.002	5.75
96	MP3C	Mx		5.75
97	MP1C	X Z	-3.619	1.63
98	MP1C		0	1.63
99	MP1C	Mx	001	1.63
100	MP1C	X Z	-3.619	5.88
101	MP1C		0	5.88
102	MP1C	Mx	001	5.88
103	MP5C	X Z	-3.619	1.63
104	MP5C		0	1.63
105	MP5C	Mx	001	1.63
106	MP5C	X	-3.619	5.88
107	MP5C	Z	0	5.88
108	MP5C	Mx	001	5.88
109	MP1B	X	-10.364	1.63
110	MP1B	Z	0	1.63
111	MP1B	Mx	004	1.63
112	MP1B MP1B	X Z	-10.364	5.88
113	MP1B MP1B	1	004	5.88 5.88
		Mx		
115	MP5B	X Z	-10.364	1.63
116	MP5B		004	1.63
	MP5B	Mx		1.63
118	MP5B	Z	-10.364	5.88
119	MP5B		004	5.88
120	MP5B	Mx		5.88
121	M79B	X	637	7.75
122	M79B		0	7.75
123	M79B	Mx	000106	7.75
124	M78	X Z	-1.735 0	7.75
125	M78 M78		.000145	7.75
126		Mx		7.75
127	M79B M79B	X Z	637 0	7.75
128			-	7.75
129	M79B	Mx	000106	7.75
130	M78	X Z	-1.735	7.75
131	M78		0	7.75



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

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

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

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

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

	TT OME LOUIS (BLO )	-		1 (: [[( 0/]
F2	Member Label	Direction Z	Magnitude[lb,k-ft]	Location[ft,%]
53	MP1A		<u>-4.865</u>	5.75
54	MP1A	Mx	.006	5.75
55	MP5A	X	-8.427	1.75
56	MP5A	Z	<u>-4.865</u>	1.75
57	MP5A	Mx	.006	1.75
58	MP5A	X	-8.427	5.75
59	MP5A	Z	<u>-4.865</u>	5.75
60	MP5A	Mx	.006	5.75
61	MP3A	X	-6.411	1.75
62	MP3A		-3.701	1.75
63	MP3A	Mx	.002	1.75
64	MP3A	X	-6.411	5.75
65	MP3A	Z	-3.701	5.75
66	MP3A	Mx	.002	5.75
67	MP3B	X	-8.633	1.75
68	MP3B		<u>-4.984</u>	1.75
69	MP3B	Mx	.007	1.75
70	MP3B	X	-8.633	5.75
71	MP3B	Z	-4.984	5.75
72	MP3B	Mx	.007	5.75
73	MP3C	X	-6.411	1.75
74	MP3C		-3.701	1.75
75	MP3C	Mx V	007	1.75
76	MP3C	X Z	<u>-6.411</u>	5.75
77	MP3C		-3.701	5.75
78	MP3C	Mx	007	5.75
79	MP3A	X	-6.411	1.75
80	MP3A		-3.701	1.75
81	MP3A	Mx	.007	1.75
82	MP3A	X Z	<u>-6.411</u> -3.701	5.75
83	MP3A		.007	5.75 5.75
84	MP3A	Mx		
85	MP3B	X Z	-8.633	1.75
86 87	MP3B MP3B	Mx	-4.984 007	1.75 1.75
88	MP3B	X	-8.633	5.75
89	MP3B	Z	-6.633 -4.984	5.75
90	MP3B	Mx	007	5.75
91	MP3C	X	-6.411	1.75
92	MP3C	Z	-3.701	1.75
93	MP3C	Mx	002	1.75
94	MP3C	X	002 -6.411	5.75
95	MP3C	Z	-3.701	5.75
96	MP3C	Mx	002	5.75
97	MP1C	X		1.63
98	MP1C	Z	-2.572	1.63
99	MP1C	Mx	-2.372	1.63
100	MP1C	X	-4.456	5.88
101	MP1C	Z	-2.572	5.88
102	MP1C	Mx	003	5.88
103	MP5C	X		1.63
104	MP5C	Z	-2.572	1.63
105	MP5C	Mx	-2.372	1.63
106	MP5C	X	-4.456	5.88
107	MP5C	Z	-2.572	5.88
108	MP5C	Mx	003	5.88
109	MP1B	X	-9.249	1.63
100	MILID	^	-3.443	1.00



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

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

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

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

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

111011	iber Point Loads (BLC 38			
0.4	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3A	X Z	-1.557	3
32	MP3A		-2.696	3
33	MP3A	Mx	000778	3
34	MP3B	X	-1.557	3
35	MP3B	Z	-2.696	3
36	MP3B	Mx	000778	3
37	MP3C	X	-1.138	3
38	MP3C	Z	-1.971	3
39	MP3C	Mx	.001	3
40	MP4A	X	-1.505	3.5
41	MP4A	Z	-2.606	3.5
42	MP4A	Mx	000752	3.5
43	MP4B	X	-1.505	3.5
44	MP4B	Z	-2.606	3.5
45	MP4B	Mx	000752	3.5
46	MP4C	X	93	3.5
47	MP4C	Z	-1.611	3.5
48	MP4C	Mx	.00093	3.5
49	MP1A	X	-5.182	1.75
50	MP1A	Z	-8.975	1.75
51	MP1A	Mx	.004	1.75
52	MP1A	X	-5.182	5.75
53	MP1A	Z	-8.975	5.75
54	MP1A	Mx	.004	5.75
55	MP5A	X	-5.182	1.75
56	MP5A	Z	-8.975	1.75
57	MP5A	Mx	.004	1.75
58	MP5A	X	-5.182	5.75
59	MP5A	Z	-8.975	5.75
60	MP5A	Mx	.004	5.75
61	MP3A	X	-4.557	1.75
62	MP3A	Z	-7.892	1.75
63	MP3A	Mx	002	1.75
64	MP3A	X	-4.557	5.75
65	MP3A	Z	-7.892	5.75
66	MP3A	Mx	002	5.75
67	MP3B	X	-4.557	1.75
68	MP3B	Z	-7.892	1.75
69	MP3B	Mx	.009	1.75
70	MP3B	X	-4.557	5.75
71	MP3B	Z	-7.892	5.75
72	MP3B	Mx	.009	5.75
73	MP3C	X	-3.274	1.75
74	MP3C	Z	-5.67	1.75
75	MP3C	Mx	005	1.75
76	MP3C	X	-3.274	5.75
77	MP3C	Z	-5.67	5.75
78	MP3C	Mx	005	5.75
79	MP3A	X	-4.557	1.75
80	MP3A	Z	-7.892	1.75
81	MP3A	Mx	.009	1.75
82	MP3A	X	-4.557	5.75
83	MP3A	Z	-7.892	5.75
84	MP3A	Mx	.009	5.75
85	MP3B	X	-4.557	1.75
86	MP3B	Z	-7.892	1.75
87	MP3B	Mx	002	1.75



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP3B	X	-4.557	5.75
89	MP3B	Z	-7.892	5.75
90	MP3B	Mx	002	5.75
91	MP3C	X	-3.274	1.75
92	MP3C	Z	-5.67	1.75
93	MP3C	Mx	005	1.75
94	MP3C	X	-3.274	5.75
95	MP3C	Z	-5.67	5.75
96	MP3C	Mx	005	5.75
97	MP1C	X	-2.954	1.63
98	MP1C	Z	<u>-5</u> .116	1.63
99	MP1C	Mx	004	1.63
100	MP1C	X	-2.954	5.88
101	MP1C	Z	-5.116	5.88
102	MP1C	Mx	004	5.88
103	MP5C	X	-2.954	1.63
104	MP5C	Z	-5.116	1.63
105	MP5C	Mx	004	1.63
106	MP5C	X	-2.954	5.88
107	MP5C	Z	-5.116	5.88
108	MP5C	Mx	004	5.88
109	MP1B	X	-5.182	1.63
110	MP1B	Z	-8.975	1.63
111	MP1B	Mx	.004	1.63
112	MP1B	X	-5.182	5.88
113	MP1B	Z	-8.975	5.88
114	MP1B	Mx	.004	5.88
115	MP5B	X	-5.182	1.63
116	MP5B	Z	-8.975	1.63
117	MP5B	Mx	.004	1.63
118	MP5B	X	-5.182	5.88
119	MP5B	Z	-8.975	5.88
120	MP5B	Mx	.004	5.88
121	M79B	X	868	7.75
122	M79B	Z	-1.503	7.75
123	M79B	Mx	000145	7.75
124	M78	X	868	7.75
125	M78	Z	-1.503	7.75
126	M78	Mx	000145	7.75
127	M79B	X	868	7.75
128	M79B	Z	-1.503	7.75
129	M79B	Mx	000145	7.75
130	M78	X	868	7.75
131	M78	Z	-1.503	7.75
132	M78	Mx	000145	7.75

# Member Point Loads (BLC 77 : Lm1)

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

#### Member Point Loads (BLC 78 : Lm2)

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

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

Member Label	Direction	Magnitude[]h k-ft]	Location[ft %]
		1915(4):1115(5):111(1):111(1)	



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

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

# Member Point Loads (BLC 80 : Lv2)

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

# Member Point Loads (BLC 81 : Antenna Ev)

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP1A	Y	599	1.75
50	MP1A	My	000449	1.75
51	MP1A	Mz	0	1.75
52	MP1A	Y	599	5.75
53	MP1A	My	000449	5.75
54	MP1A	Mz	0	5.75
55	MP5A	Y	599	1.75
56	MP5A	My	000449	1.75
57	MP5A	Mz	0	1.75
58	MP5A	Y	599	5.75
59	MP5A	My	000449	5.75
60	MP5A	Mz	0	5.75
61	MP3A	Y	-1.404	1.75
62	MP3A	My	001	1.75
63	MP3A	Mz	.000936	1.75
64	MP3A	Y	-1.404	5.75
65	MP3A	My	001	5.75
66	MP3A	Mz	.000936	5.75
67	MP3B	Υ	-1.404	1.75
68	MP3B	My	000284	1.75
69	MP3B	Mz	001	1.75
70	MP3B	Y	-1.404	5.75
71	MP3B	My	000284	5.75
72	MP3B	Mz	001	5.75
73	MP3C	Y	-1.404	1.75
74	MP3C	My	.001	1.75
75	MP3C	Mz	.000444	1.75
76	MP3C	Y	-1.404	5.75
77	MP3C	My	.001	5.75
78	MP3C	Mz	.000444	5.75
79	MP3A	Y	-1.404	1.75
80	MP3A	My	001	1.75
81	MP3A	Mz	000936	1.75
82	MP3A	Y	-1.404	5.75
83	MP3A	My	001	5.75
84	MP3A	Mz	000936	5.75
85	MP3B	Y	-1.404	1.75
86	MP3B	My	.001 000444	1.75 1.75
87	MP3B MP3B	Mz Y	000444 -1.404	5.75
	MP3B		.001	5.75
89 90	MP3B MP3B	My Mz	000444	5.75
91	MP3C	Y	000444 -1.404	1.75
92	MP3C MP3C	My	-1.404	1.75
93	MP3C	Mz	.001	1.75
94	MP3C	Y	-1.404	5.75
95	MP3C	My	000284	5.75
96	MP3C	Mz	.001	5.75
97	MP1C	Y	266	1.63
98	MP1C	My	.0001	1.63
99	MP1C	Mz	.00017	1.63
100	MP1C	Y	266	5.88
101	MP1C	My	.0001	5.88
102	MP1C	Mz	.0001	5.88
103	MP5C	Y	266	1.63
104	MP5C	My	.0001	1.63
105	MP5C	Mz	.00017	1.63
100	IVII JO	IVIZ	.000173	1.00

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

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

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

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

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

	iber Point Loads (BLC 82			
0.7	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP4A	Z	<u>-7.799</u>	3.5
28	MP4A	Mx Z	0 7 700	3.5
29	MP4B		<u>-7.799</u>	3.5
30	MP4B	Mx	003	3.5
31	MP4C	Z	<u>-7.799</u>	3.5
32	MP4C	Mx	.003	3.5
33	MP1A	Z	-1.498	1.75
34	MP1A	Mx	0	1.75
35	MP1A MP1A	Z	-1.498	5.75
36		Mx Z	1 400	5.75
37	MP5A		-1.498	1.75
38 39	MP5A MP5A	Mx Z	1 400	1.75 5.75
40	MP5A	Mx	<u>-1.498</u> 0	5.75
41	MP3A	Z	-3.511	1.75
42	MP3A		002	1.75
43	MP3A	Mx Z	002 -3.511	5.75
44	MP3A	Mx	002	5.75
45	MP3B	Z	-3.511	1.75
46	MP3B	Mx	.003	1.75
47	MP3B	Z	-3.511	5.75
48	MP3B	Mx	.003	5.75
49	MP3C	Z	-3.511	1.75
50	MP3C	Mx	001	1.75
51	MP3C	Z	-3.511	5.75
52	MP3C	Mx	001	5.75
53	MP3A	Z	-3.511	1.75
54	MP3A	Mx	.002	1.75
55	MP3A	Z	-3.511	5.75
56	MP3A	Mx	.002	5.75
57	MP3B	Z	-3.511	1.75
58	MP3B	Mx	.001	1.75
59	MP3B	Z	-3.511	5.75
60	MP3B	Mx	.001	5.75
61	MP3C	Z	-3.511	1.75
62	MP3C	Mx	003	1.75
63	MP3C	Z	-3.511	5.75
64	MP3C	Mx	003	5.75
65	MP1C	Z	666	1.63
66	MP1C	Mx	000432	1.63
67	MP1C	Z	666	5.88
68	MP1C	Mx	000432	5.88
69	MP5C	Z	666	1.63
70	MP5C	Mx	000432	1.63
71	MP5C	Z	666	5.88
72	MP5C	Mx	000432	5.88
73	MP1B	Z	-1.498	1.63
74	MP1B	Mx	.000973	1.63
75	MP1B	Z	-1.498	5.88
76	MP1B	Mx	.000973	5.88
77	MP5B	Z	-1.498	1.63
78	MP5B	Mx	.000973	1.63
79	MP5B	Z	-1.498	5.88
80	MP5B	Mx	.000973	5.88
81	M79B	Z	-1.952	7.75
82	M79B	Mx	0	7.75
83	M78	Z	-1.952	7.75



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

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

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

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

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

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

#### Joint Loads and Enforced Displacements

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

# Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	Υ	-6.679	-6.679	0	%100
2	M4	Υ	-9.764	-9.764	0	%100
3	M10	Υ	-9.764	-9.764	0	%100
4	M43	Υ	-9.764	-9.764	0	%100
5	M46	Υ	-10.272	-10.272	0	%100
6	M51B	Υ	-5.719	-5.719	0	%100
7	M52B	Υ	-5.719	-5.719	0	%100



## Member Distributed Loads (BLC 40 : Structure Di) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
8	M76	Υ	-10.272	-10.272	0	%100
9	M77	Υ	-10.272	-10.272	0	%100
10	M80	Υ	-10.272	-10.272	0	%100
11	M84	Υ	-10.272	-10.272	0	%100
12	M85	Υ	-10.272	-10.272	0	%100
13	M91	Ý	-10.272	-10.272	0	%100
14	M26	Ý	-9.764	-9.764	0	%100
15	M27	Ý	-9.764	-9.764	0	%100
16	M28	Ý	-9.764	-9.764	0	%100 %100
17	M29	Ý	-10.272	-10.272	0	%100 %100
18	M32	Y	-5.719	-5.719	0	%100 %100
19	M33	Y	-5.719	-5.719	0	%100 %400
20	M37	Y	-10.272	-10.272	0	%100
21	M38	Y	-10.272	-10.272	0	%100
22	M40	Y	-10.272	-10.272	0	%100
23	M42	Υ	-10.272	-10.272	0	%100
24	M43A	Υ	-10.272	-10.272	0	%100
25	M45	Υ	-10.272	-10.272	0	%100
26	M50A	Υ	-9.764	-9.764	0	%100
27	M51C	Υ	-9.764	-9.764	0	%100
28	M52A	Υ	-9.764	-9.764	0	%100
29	M53	Υ	-10.272	-10.272	0	%100
30	M56	Υ	-5.719	-5.719	0	%100
31	M57	Y	-5.719	-5.719	0	%100
32	M61	Ϋ́	-10.272	-10.272	0	%100
33	M62	Ý	-10.272	-10.272	0	%100
34	M64	Y	-10.272	-10.272	0	%100 %100
35	M66	Ý	-10.272	-10.272	0	%100 %100
36	M67	Y	-10.272	-10.272	0	%100 %100
37	M69	Y	-10.272	-10.272	0	%100 %100
38	M74	Y		-6.679	0	%100 %100
			-6.679			
39	M75	Y	-6.679	-6.679	0	%100
40	M79B	Y	-5.071	-5.071	0	%100
41	M77A	Y	-5.071	-5.071	0	%100
42	M78	Y	-5.071	-5.071	0	%100
43	MP5A	Y	-5.071	-5.071	0	%100
44	MP4A	Υ	-5.071	-5.071	0	%100
45	MP2A	Y	-5.071	-5.071	0	%100
46	MP1A	Y	-5.071	-5.071	0	%100
47	MP3A	Υ	-5.786	-5.786	0	%100
48	MP5C	Υ	-5.071	-5.071	0	%100
49	MP4C	Υ	-5.071	-5.071	0	%100
50	MP2C	Υ	-5.071	-5.071	0	%100
51	MP1C	Υ	-5.071	-5.071	0	%100
52	MP3C	Υ	-5.786	-5.786	0	%100
53	MP5B	Y	-5.071	-5.071	0	%100
54	MP4B	Y	-5.071	-5.071	0	%100
55	MP2B	Y	-5.071	-5.071	0	%100
56	MP1B	Ý	-5.071	-5.071	0	%100
57	MP3B	Ý	-5.786	-5.786	0	%100
58	M130	Y	-5.071	-5.071	0	%100 %100
59	M131	Y	-5.071	-5.071	0	%100 %100
60	M134	Y	-5.071	-5.071	0	%100 %100
61	OVP	Y	-5.071 -5.071	-5.071 -5.071	0	%100 %100
101	OVE	I	-J.U <i>I</i> I	-J.U/ I	ı	/0 1 0 0

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

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

		<del></del>	C			
	Member Label	Direction	Start Magnitude[lb/ft,			End Location[ft,%]
1	<u>M1</u>	X	0	0	0	%100
2	M1	Z	-12.256	-12.256	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	Χ	0	0	0	%100
6	M10	Z	-10.533	-10.533	0	%100
7	M43	Χ	0	0	0	%100
8	M43	Z	-10.533	-10.533	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-21.01	-21.01	0	%100
11	M51B	Χ	0	0	0	%100
12	M51B	Z	-2.917	-2.917	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-2.917	-2.917	0	%100
15	M76	Χ	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	Χ	0	0	0	%100
18	M77	Z	-5.35	-5.35	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-5.635	-5.635	0	%100
21	M84	Χ	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-5.35	-5.35	0	%100
25	M91	Χ	0	0	0	%100
26	M91	Z	-5.635	-5.635	0	%100
27	M26	Χ	0	0	0	%100
28	M26	Z	-9.336	-9.336	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-2.633	-2.633	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-2.633	-2.633	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	-5.252	-5.252	0	%100
35	M32	Χ	0	0	0	%100
36	M32	Z	-2.917	-2.917	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	-11.666	-11.666	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	-15.757	-15.757	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	-5.35	-5.35	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-5.635	-5.635	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	-15.757	-15.757	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	-21.399	-21.399	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	-22.539	-22.539	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	-9.336	-9.336	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	-2.633	-2.633	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	-2.633	-2.633	0	%100
57	M53	X	0	0	0	%100

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

	Manaharilahal			End Magnitude Ub/ft E		Final Location [ft 0/1
58	Member Label M53	Direction Z	-5.252	.End Magnitude[lb/ft,F	0	End Location[ft,%] %100
59	M56	X	0	0	0	%100 %100
60	M56	Z	-11.666	-11.666	0	%100 %100
61	M57	X	0	0	0	%100 %100
62	M57	Z	-2.917	-2.917	0	%100 %100
63	M61	X	0	0	0	%100 %100
64	M61	Z	-15.757	-15.757	0	%100 %100
65	M62	X	0	0	0	%100 %100
66	M62	Z	-21.399	-21.399	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-22.539	-22.539	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	-15.757	-15.757	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	-5.35	-5.35	0	%100
73	M69	Х	0	0	0	%100
74	M69	Z	-5.635	-5.635	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	-3.064	-3.064	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	-3.064	-3.064	0	%100
79	M79B	X	0	0	0	%100
80	M79B	Z	-8.316	-8.316	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-2.079	-2.079	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	-2.079	-2.079	0	%100
85	MP5A	X	0	0	0	%100
86	MP5A	Z	-8.316	-8.316	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	-8.316	-8.316	0	%100
89	MP2A	X	0	0	0	%100
90	MP2A	Z	-8.316	-8.316	0	%100 %400
91	MP1A	X	0	0	0	%100 %400
92	MP1A	Z	-8.316	-8.316	0	%100 %400
93	MP3A	X Z	0	0 -10.067	0	%100 %400
94	MP3A		-10.067 0	-10.067	0	%100 %100
95 96	MP5C MP5C	X Z	-8.316	-8.316	0	%100 %100
97	MP4C	X	-0.310	-0.310	0	%100 %100
98	MP4C MP4C	Z	-8.316	-8.316	0	%100 %100
99	MP2C	X	-0.310	-0.310	0	%100 %100
100	MP2C	Z	-8.316	-8.316	0	%100 %100
101	MP1C	X	0	0	0	%100 %100
102	MP1C	Z	-8.316	-8.316	0	%100 %100
103	MP3C	X	0	0	0	%100 %100
104	MP3C	Z	-10.067	-10.067	0	%100 %100
105	MP5B	X	0	0	0	%100
106	MP5B	Z	-8.316	-8.316	0	%100
107	MP4B	Х	0	0	0	%100
108	MP4B	Z	-8.316	-8.316	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	-8.316	-8.316	0	%100
111	MP1B	X	0	0	0	%100
112	MP1B	Z	-8.316	-8.316	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-10.067	-10.067	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
115	M130	X	0	0	0	%100
116	M130	Z	-5.859	-5.859	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	-1.465	-1.465	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	-1.465	-1.465	0	%100
121	OVP	Х	0	0	0	%100
122	OVP	Z	-7.579	-7.579	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.596	4.596	0	%100
2	M1	Z	-7.96	-7.96	0	%100
3	M4	Х	1.556	1.556	0	%100
4	M4	Z	-2.695	-2.695	0	%100
5	M10	X	3.95	3.95	0	%100
6	M10	Z	-6.842	-6.842	0	%100
7	M43	X	3.95	3.95	0	%100
8	M43	Z	-6.842	-6.842	0	%100
9	M46	X	7.879	7.879	0	%100
10	M46	Z	-13.646	-13.646	0	%100
11	M51B	X	4.375	4.375	0	%100
12	M51B	Z	-7.578	-7.578	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	2.626	2.626	0	%100
16	M76	Z	-4.549	-4.549	0	%100 %100
17	M77	X	8.025	8.025	0	%100
18	M77	Z	-13.899	-13.899	0	%100 %100
19	M80	X	8.452	8.452	0	%100 %100
20	M80	Z	-14.639	-14.639	0	%100 %100
21	M84	X	2.626	2.626	0	%100 %100
22	M84	Z	-4.549	-4.549	0	%100 %100
23	M85	X	0	0	0	%100 %100
24	M85	Z	0	0	0	%100 %100
25	M91	X	0	0	0	%100 %100
26	M91	Z	0	0	0	%100 %100
27	M26	X	1.556	1.556	0	%100 %100
28	M26	Z	-2.695	-2.695	0	%100 %100
29	M27	X	3.95	3.95	0	%100 %100
30	M27	^	-6.842	-6.842	0	%100 %100
31	M28	X	3.95	3.95	0	%100 %100
32	M28	Z	-6.842	-6.842	0	%100 %100
33	M29	X	7.879	7.879	0	%100 %100
34	M29	Z	-13.646	-13.646	0	%100 %100
35	M32	X	-13.040	-13.040	0	%100 %100
36	M32	X	0	0	0	%100 %100
37	M33	X	4.375	4.375	0	%100 %100
38	M33	Z	-7.578	-7.578	0	%100 %100
39 40	M37	X Z	2.626	2.626	0	%100 %400
40	M37		-4.549	-4.549	<u> </u>	%100 %100
41	M38	X Z	0	0	0	%100 %400
	M38		0		0	%100 %400
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M42	X	2.626	2.626	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
46	M42	Z	-4.549	-4.549	0	%100
47	M43A	X	8.025	8.025	0	%100
48	M43A	Z	-13.899	-13.899	0	%100
49	M45	X	8.452	8.452	0	%100
50	M45	Z	-14.639	-14.639	0	%100
51	M50A	X	6.224	6.224	0	%100
52	M50A	Z	-10.78	-10.78	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M56	X	4.375	4.375	0	%100
60	M56	Z	-7.578	-7.578	0	%100
61	M57	X	4.375	4.375	0	%100
62	M57	Z	-7.578	-7.578	0	%100
63	M61	X	10.505	10.505	0	%100
64	M61	Z	-18.195	-18.195	0	%100
65	M62	X	8.025	8.025	0	%100
66	M62	Z	-13.899	-13.899	0	%100
67	M64	X	8.452	8.452	0	%100
68	M64	Z	-14.639	-14.639	0	%100
69	M66	X	10.505	10.505	0	%100
70	M66	Z	-18.195	-18.195	0	%100
71	M67	X	8.025	8.025	0	%100
72	M67	Z	-13.899	-13.899	0	%100
73	M69	X	8.452	8.452	0	%100
74	M69	Z	-14.639	-14.639	0	%100
75	M74	X	4.596	4.596	0	%100
76	M74	Z	-7.96	-7.96	0	%100
77	<u>M75</u>	X	0	0	0	%100
78	<u>M75</u>	Z	0	0	0	%100
79	M79B	X	3.119	3.119	0	%100
80	<u>M79B</u>	Z	-5.402	-5.402	0	%100
81	<u>M77A</u>	X	3.119	3.119	0	%100
82	<u>M77A</u>	Z	-5.402	-5.402	0	%100
83	<u>M78</u>	X	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	4.158	4.158	0	%100
86	MP5A	Z	-7.202	-7.202	0	%100
87	MP4A	X	4.158	4.158	0	%100
88	MP4A	Z	-7.202	-7.202	0	%100
89	MP2A	X	4.158	4.158	0	%100
90	MP2A	Z	-7.202	-7.202	0	%100
91	MP1A	X	4.158	4.158	0	%100
92	MP1A	Z	-7.202	-7.202	0	%100 %400
93	MP3A	X Z	5.034	5.034	0	%100 %400
94	MP3A		-8.718	-8.718	0	%100 %100
95	MP5C	X Z	4.158	4.158 -7.202	0	%100 %100
96	MP5C		-7.202 4.459			%100 %100
97	MP4C	X	4.158	4.158	0	%100 %100
98	MP4C	Z	-7.202 4.159	-7.202 4.159	0	%100 %100
99	MP2C	X Z	4.158	4.158	0	%100 %100
100	MP2C MP1C		-7.202 4.159	-7.202 4.159	0	%100 %100
		X	4.158	4.158		%100 %100
102	MP1C	Z	-7.202	-7.202	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
103	MP3C	X	5.034	5.034	0	%100
104	MP3C	Z	-8.718	-8.718	0	%100
105	MP5B	X	4.158	4.158	0	%100
106	MP5B	Z	-7.202	-7.202	0	%100
107	MP4B	X	4.158	4.158	0	%100
108	MP4B	Z	-7.202	-7.202	0	%100
109	MP2B	X	4.158	4.158	0	%100
110	MP2B	Z	-7.202	-7.202	0	%100
111	MP1B	X	4.158	4.158	0	%100
112	MP1B	Z	-7.202	-7.202	0	%100
113	MP3B	X	5.034	5.034	0	%100
114	MP3B	Z	-8.718	-8.718	0	%100
115	M130	X	2.197	2.197	0	%100
116	M130	Z	-3.806	-3.806	0	%100
117	M131	X	2.197	2.197	0	%100
118	M131	Z	-3.806	-3.806	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	OVP	X	3.789	3.789	0	%100
122	OVP	Z	-6.563	-6.563	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft	.End Magnitude[lb/ft,F	. Start Location[ft.%]	End Location[ft,%]
1	M1	X	2.653	2.653	0	%100
2	M1	Z	-1.532	-1.532	0	%100
3	M4	Χ	8.085	8.085	0	%100
4	M4	Z	-4.668	-4.668	0	%100
5	M10	Х	2.281	2.281	0	%100
6	M10	Z	-1.317	-1.317	0	%100
7	M43	Х	2.281	2.281	0	%100
8	M43	Z	-1.317	-1.317	0	%100
9	M46	Х	4.549	4.549	0	%100
10	M46	Z	-2.626	-2.626	0	%100
11	M51B	Х	10.103	10.103	0	%100
12	M51B	Z	-5.833	-5.833	0	%100
13	M52B	X	2.526	2.526	0	%100
14	M52B	Z	-1.458	-1.458	0	%100
15	M76	X	13.646	13.646	0	%100
16	M76	Z	-7.879	-7.879	0	%100
17	M77	X	18.532	18.532	0	%100
18	M77	Z	-10.699	-10.699	0	%100
19	M80	X	19.519	19.519	0	%100
20	M80	Z	-11.269	-11.269	0	%100
21	M84	X	13.646	13.646	0	%100
22	M84	Z	-7.879	-7.879	0	%100
23	M85	X	4.633	4.633	0	%100
24	M85	Z	-2.675	-2.675	0	%100
25	M91	X	4.88	4.88	0	%100
26	M91	Z	-2.817	-2.817	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	9.122	9.122	0	%100
30	M27	Z	-5.267	-5.267	0	%100
31	M28	X	9.122	9.122	0	%100
32	M28	Z	-5.267	-5.267	0	%100
33	M29	X	18.195	18.195	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
34	M29	Z	-10.505	-10.505	0	%100
35	M32	X	2.526	2.526	0	%100
36	M32	Z	-1.458	-1.458	0	%100
37	M33	X	2.526	2.526	0	%100
38	M33	Z	-1.458	-1.458	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	4.633	4.633	0	%100
42	M38	Z	-2.675	-2.675	0	%100
43	M40	X	4.88	4.88	0	%100
44	M40	Z	-2.817	-2.817	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M43A	X	4.633	4.633	0	%100
48	M43A	Z	-2.675	-2.675	0	%100
49	M45	X	4.88	4.88	0	%100
50	M45	Z	-2.817	-2.817	0	%100
51	M50A	X	8.085	8.085	0	%100
52	M50A	Z	-4.668	-4.668	0	%100
53	M51C	X	2.281	2.281	0	%100
54	M51C	Z	-1.317	-1.317	0	%100
55	M52A	X	2.281	2.281	0	%100
56	M52A	Z	-1.317	-1.317	0	%100
57	M53	X	4.549	4.549	0	%100
58	M53	Z	-2.626	-2.626	0	%100
59	M56	X	2.526	2.526	0	%100
60	<u>M56</u>	Z	-1.458	-1.458	0	%100
61	<u>M57</u>	X	10.103	10.103	0	%100
62	M57	Z	-5.833	-5.833	0	%100
63	M61	X	13.646	13.646	0	%100
64	M61	Z	-7.879	-7.879	0	%100
65	M62	X	4.633	4.633	0	%100
66	M62	Z	-2.675	-2.675	0	%100
67	M64	X	4.88	4.88	0	%100
68	M64	Z	-2.817	-2.817	0	%100
69	M66	X	13.646	13.646	0	%100
70	M66	Z	-7.879	-7.879	0	%100
71	M67	X	18.532	18.532	0	%100
72	M67	Z	-10.699	-10.699	0	%100
73	M69	X	19.519	19.519	0	%100 %100
74	M69	Z	-11.269	-11.269	0	%100 %100
75	M74	X Z	10.614	10.614	0	%100 %100
76 77	M74 M75	X	-6.128 2.653	-6.128 2.653	0	%100 %100
78	M75	Z	-1.532	-1.532	0	%100 %100
79	M79B	X	1.801	1.801	0	%100 %100
80	M79B	Z	-1.04	-1.04	0	%100 %100
81	M77A	X	7.202	7.202	0	%100 %100
82	M77A	Z	-4.158	-4.158	0	%100 %100
83	M78	X	1.801	1.801	0	%100 %100
84	M78	Z	-1.04	-1.04	0	%100 %100
85	MP5A	X	7.202	7.202	0	%100 %100
86	MP5A	Z	-4.158	-4.158	0	%100 %100
87	MP4A	X	7.202	7.202	0	%100 %100
88	MP4A	Z	-4.158	-4.158	0	%100 %100
89	MP2A	X	7.202	7.202	0	%100 %100
90	MP2A	Z	-4.158	-4.158	0	%100 %100
90	IVIT ZA		-4.100	<del>-4</del> .100	U	/0100

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

	Member Label	Direction		.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
91	MP1A	X	7.202	7.202	0	%100
92	MP1A	Z	-4.158	-4.158	0	%100
93	MP3A	X	8.718	8.718	0	%100
94	MP3A	Z	-5.034	-5.034	0	%100
95	MP5C	X	7.202	7.202	0	%100
96	MP5C	Z	-4.158	-4.158	0	%100
97	MP4C	X	7.202	7.202	0	%100
98	MP4C	Z	-4.158	-4.158	0	%100
99	MP2C	Χ	7.202	7.202	0	%100
100	MP2C	Z	-4.158	-4.158	0	%100
101	MP1C	Х	7.202	7.202	0	%100
102	MP1C	Z	-4.158	-4.158	0	%100
103	MP3C	Χ	8.718	8.718	0	%100
104	MP3C	Z	-5.034	-5.034	0	%100
105	MP5B	Х	7.202	7.202	0	%100
106	MP5B	Z	-4.158	-4.158	0	%100
107	MP4B	Х	7.202	7.202	0	%100
108	MP4B	Z	-4.158	-4.158	0	%100
109	MP2B	Х	7.202	7.202	0	%100
110	MP2B	Z	-4.158	-4.158	0	%100
111	MP1B	Х	7.202	7.202	0	%100
112	MP1B	Z	-4.158	-4.158	0	%100
113	MP3B	Χ	8.718	8.718	0	%100
114	MP3B	Z	-5.034	-5.034	0	%100
115	M130	Х	1.269	1.269	0	%100
116	M130	Z	732	732	0	%100
117	M131	Х	5.074	5.074	0	%100
118	M131	Z	-2.93	-2.93	0	%100
119	M134	Χ	1.269	1.269	0	%100
120	M134	Z	732	732	0	%100
121	OVP	Х	6.563	6.563	0	%100
122	OVP	Z	-3.789	-3.789	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	12.448	12.448	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Ζ	0	0	0	%100
7	M43	Χ	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	8.75	8.75	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	8.75	8.75	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	21.01	21.01	0	%100
16	M76	Ζ	0	0	0	%100
17	M77	Χ	16.049	16.049	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	16.904	16.904	0	%100
20	M80	Z	0	0	0	%100
21	M84	Χ	21.01	21.01	0	%100

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

22		Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
24		M84		•	· ·	0	
Z5			X	16.049	16.049		
Zef							
27			X	16.904			
28							
29				3.112	3.112	0	
30							
31			X	7.9	7.9		
Signature							
33				7.9		0	
34	32	M28	Z	•		0	%100
35	33	M29	X	15.757	15.757	0	%100
36	34					0	
37			X	8.75	8.75		
38	36	M32	Z	0		0	%100
39	37	M33	X	0	0	0	%100
40	38	M33				0	%100
41         M38         X         16.049         16.049         0         %100           42         M38         Z         0         0         0         %100           43         M40         X         16.904         16.904         0         %100           44         M40         Z         0         0         0         %100           45         M42         X         5.252         5.252         0         %100           46         M42         Z         0         0         0         %100           47         M43A         X         0         0         0         %100           49         M45         X         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         0         %100           51         M50A         X         3.112         3.112         0         %100           52         M50A         Z         0         0         0         %100           52         M50A         Z         0         0	39		X	5.252	5.252	0	
42         M38         Z         0         0         %100           43         M40         X         16.904         16.904         0         %100           44         M40         Z         0         0         0         %100           45         M42         X         5.252         5.252         0         %100           46         M42         Z         0         0         0         %100           47         M43A         X         0         0         0         %100           48         M43A         Z         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         0         %100           50         M45         Z         0         0         0         %100           51         M50A         X         3.112         3.112         0         %100           52         M50A         Z         0         0         0         %100           52         M50A         Z         0         0         0 <t< td=""><td>40</td><td>M37</td><td>Z</td><td></td><td>0</td><td>0</td><td>%100</td></t<>	40	M37	Z		0	0	%100
43         M40         X         16.904         16.904         0         %100           44         M40         Z         0         0         0         %100           45         M42         X         5.252         5.252         0         %100           46         M42         Z         0         0         0         %100           47         M43A         X         0         0         0         %100           48         M43A         X         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         0         %100           51         M50A         X         3.112         3.112         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X         7.9         7.9         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         7.9         7.9	41	M38		16.049	16.049	0	%100
44         M40         Z         0         0         %100           45         M42         X         5.252         5.252         0         %100           46         M42         Z         0         0         0         %100           47         M43A         X         0         0         0         %100           48         M43A         Z         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         0         %100           51         M50A         X         3.112         3.112         0         %100           52         M50A         Z         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X         7.9         7.9         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         7.9         7.9         0         <	42	M38	Z	0	0	0	%100
44         M40         Z         0         0         %100           45         M42         X         5.252         5.252         0         %100           46         M42         Z         0         0         0         %100           47         M43A         X         0         0         0         %100           48         M43A         Z         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         0         %100           51         M50A         X         3.112         3.112         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X         7.9         7.9         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         7.9         7.9         0         %100           56         M52A         Z         0         0         0         <	43	M40	Х	16.904	16.904	0	%100
45         M42         X         5.252         5.252         0         %100           46         M42         Z         0         0         0         %100           47         M43A         X         0         0         0         %100           48         M43A         Z         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         0         %100           51         M50A         X         3.112         3.112         0         %100           52         M50A         Z         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X         7.9         7.9         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         7.9         7.9         0         %100           56         M52A         Z         0         0	44	M40	Z	0	0	0	%100
46         M42         Z         0         0         %100           47         M43A         X         0         0         0         %100           48         M43A         Z         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         0         %100           51         M50A         X         3.112         3.112         0         %6100           52         M50A         Z         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X         7.9         7.9         0         %100           54         M51C         Z         0         0         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         7.9         7.9         0         %100           56         M52A         X         7.9         7.9         0 <t< td=""><td>45</td><td></td><td>Х</td><td>5.252</td><td>5.252</td><td>0</td><td></td></t<>	45		Х	5.252	5.252	0	
48         M43A         Z         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         0         %100           51         M50A         X         3.112         3.112         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X         7.9         7.9         0         %100           54         M51C         Z         0         0         0         %100           54         M51C         Z         0         0         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         7.9         7.9         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X         15.757         15.757         0         %100           58         M53         Z         0         0	46	M42	Z	0	0	0	%100
48         M43A         Z         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         0         %100           51         M50A         X         3.112         3.112         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X         7.9         7.9         0         %100           54         M51C         Z         0         0         0         %100           54         M51C         Z         0         0         0         %100           54         M51C         Z         0         0         0         %100           54         M51C         X         7.9         7.9         0         %100           55         M52A         X         7.9         7.9         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X         15.757         15.757			X	0	0	0	
49         M45         X         0         0         0         %100           50         M45         Z         0         0         0         %100           51         M50A         X         3.112         3.112         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X         7.9         7.9         0         %100           54         M51C         Z         0         0         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         7.9         7.9         0         %100           55         M52A         X         7.9         7.9         0         %100           56         M52A         Z         0         0         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X         15.757         15.757         0         %100           59         M56         X         0         0				0			
50         M45         Z         0         0         %100           51         M50A         X         3.112         3.112         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X         7.9         7.9         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         7.9         7.9         0         %100           56         M52A         Z         0         0         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X         15.757         15.757         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         0         0         0         %100           61         M57         X         8.75         8.75         0				0	0		
52         M50A         Z         0         0         %100           53         M51C         X         7.9         7.9         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         7.9         7.9         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X         15.757         15.757         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         0         0         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         0         0         0         %100           61         M57         X         8.75         8.75         0         %100           62         M57         Z         0         0         0         %100           63         M61         X         5.252         5.252         0			Z	0	0	0	
52         M50A         Z         0         0         %100           53         M51C         X         7.9         7.9         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         7.9         7.9         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X         15.757         15.757         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         0         0         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         0         0         0         %100           61         M57         X         8.75         8.75         0         %100           62         M57         Z         0         0         0         %100           63         M61         X         5.252         5.252         0	51	M50A	Х	3.112	3.112	0	%100
54         M51C         Z         0         0         %100           55         M52A         X         7.9         7.9         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X         15.757         15.757         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         0         0         0         %100           60         M57         X         8.75         8.75         0         %100           61         M57         X         8.75         8.75         0         %100           62         M57         Z         0         0         0         %100           63         M61         X         5.252         5.252         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0	52	M50A		0	0	0	%100
54         M51C         Z         0         0         %100           55         M52A         X         7.9         7.9         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X         15.757         15.757         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         0         0         0         %100           60         M57         X         8.75         8.75         0         %100           61         M57         X         8.75         8.75         0         %100           62         M57         Z         0         0         0         %100           63         M61         X         5.252         5.252         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0	53	M51C	Х	7.9	7.9	0	%100
55         M52A         X         7.9         7.9         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X         15.757         15.757         0         %100           58         M53         Z         0         0         0         %4100           59         M56         X         0         0         0         %100           60         M56         Z         0         0         0         %100           61         M57         X         8.75         8.75         0         %100           61         M57         Z         0         0         0         %100           63         M61         X         5.252         5.252         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         Z         0         0         0         %100           68         M64         X         0         0 <t< td=""><td></td><td>M51C</td><td>Z</td><td></td><td></td><td>0</td><td></td></t<>		M51C	Z			0	
56         M52A         Z         0         0         %100           57         M53         X         15.757         15.757         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         0         0         0         %100           61         M57         X         8.75         8.75         0         %100           62         M57         Z         0         0         0         %100           63         M61         X         5.252         5.252         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         Z         0         0         0         %100           67         M64         X         0         0         0         %100           69         M66         X         5.252         5.252         0				7.9	7.9	0	
58         M53         Z         0         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         0         0         0         %100           61         M57         X         8.75         8.75         0         %100           62         M57         Z         0         0         0         %100           63         M61         X         5.252         5.252         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         Z         0         0         0         %100           67         M64         X         0         0         0         %100           69         M66         X         5.252         5.252         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         16.049         16.049         0         <	56	M52A	Z	0	0	0	%100
58         M53         Z         0         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         0         0         0         %100           61         M57         X         8.75         8.75         0         %100           62         M57         Z         0         0         0         %100           63         M61         X         5.252         5.252         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         Z         0         0         0         %100           67         M64         X         0         0         0         %100           69         M66         X         5.252         5.252         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         16.049         16.049         0         <			X	15.757	15.757	0	
59         M56         X         0         0         0         %100           60         M56         Z         0         0         0         %100           61         M57         X         8.75         8.75         0         %100           62         M57         Z         0         0         0         %100           63         M61         X         5.252         5.252         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         X         0         0         0         %100           67         M64         X         0         0         0         %100           68         M64         Z         0         0         0         %100           69         M66         X         5.252         5.252         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         16.049         16.049         <	58	M53	Z	0	0	0	%100
60         M56         Z         0         0         %100           61         M57         X         8.75         8.75         0         %100           62         M57         Z         0         0         0         %100           63         M61         X         5.252         5.252         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         X         0         0         0         %100           67         M64         X         0         0         0         %100           67         M64         X         0         0         0         %100           68         M64         Z         0         0         %100         %100           69         M66         X         5.252         5.252         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         16.049         16.049         0	59	M56	X	0	0	0	%100
62         M57         Z         0         0         %100           63         M61         X         5.252         5.252         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         Z         0         0         0         %100           67         M64         X         0         0         0         %100           68         M64         Z         0         0         0         %100           69         M66         X         5.252         5.252         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         16.049         16.049         0         %100           72         M67         Z         0         0         0         %100           74         M69         X         16.904         16.904         0         %100           75         M74         X         9.192         9.192         0 <td></td> <td>M56</td> <td>Z</td> <td>0</td> <td>0</td> <td>0</td> <td>%100</td>		M56	Z	0	0	0	%100
62         M57         Z         0         0         %100           63         M61         X         5.252         5.252         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         Z         0         0         0         %100           67         M64         X         0         0         0         %100           68         M64         Z         0         0         0         %100           69         M66         X         5.252         5.252         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         16.049         16.049         0         %100           72         M67         Z         0         0         0         %100           74         M69         X         16.904         16.904         0         %100           75         M74         X         9.192         9.192         0 <td></td> <td>M57</td> <td>X</td> <td>8.75</td> <td>8.75</td> <td>0</td> <td></td>		M57	X	8.75	8.75	0	
63         M61         X         5.252         5.252         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         Z         0         0         0         %100           67         M64         X         0         0         0         %100           68         M64         Z         0         0         0         %100           69         M66         X         5.252         5.252         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         16.049         16.049         0         %100           72         M67         Z         0         0         %100           73         M69         X         16.904         16.904         0         %100           74         M69         Z         0         0         %100           75         M74         X         9.192         9.192         0         %100						0	
64         M61         Z         0         0         %100           65         M62         X         0         0         %100           66         M62         Z         0         0         %100           67         M64         X         0         0         %100           68         M64         Z         0         0         %100           69         M66         X         5.252         5.252         0         %100           70         M66         Z         0         0         %100           71         M67         X         16.049         16.049         0         %100           72         M67         Z         0         0         %100           73         M69         X         16.904         16.904         0         %100           74         M69         Z         0         0         %100           75         M74         X         9.192         9.192         0         %100           76         M74         Z         0         0         0         %100           77         M75         X         9.192         9.			X	5.252	5.252	0	%100
65         M62         X         0         0         %100           66         M62         Z         0         0         0         %100           67         M64         X         0         0         0         %100           68         M64         Z         0         0         0         %100           69         M66         X         5.252         5.252         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         16.049         16.049         0         %100           72         M67         Z         0         0         %100           73         M69         X         16.904         16.904         0         %100           74         M69         Z         0         0         %100           75         M74         X         9.192         9.192         0         %100           76         M74         Z         0         0         %100         %100           77         M75         X         9.192         9.192         0         %100			Z				
66         M62         Z         0         0         0         %100           67         M64         X         0         0         0         %100           68         M64         Z         0         0         0         %100           69         M66         X         5.252         5.252         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         16.049         16.049         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         16.904         16.904         0         %100           74         M69         Z         0         0         %100           75         M74         X         9.192         9.192         0         %100           76         M74         Z         0         0         %100           77         M75         X         9.192         9.192         0         %100			X				
67         M64         X         0         0         0         %100           68         M64         Z         0         0         0         %100           69         M66         X         5.252         5.252         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         16.049         16.049         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         16.904         16.904         0         %100           74         M69         Z         0         0         %100           75         M74         X         9.192         9.192         0         %100           76         M74         Z         0         0         %100           77         M75         X         9.192         9.192         0         %100			Z				%100
68         M64         Z         0         0         %100           69         M66         X         5.252         5.252         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         16.049         0         %100           72         M67         Z         0         0         %100           73         M69         X         16.904         0         %100           74         M69         Z         0         0         %100           75         M74         X         9.192         9.192         0         %100           76         M74         Z         0         0         0         %100           77         M75         X         9.192         9.192         0         %100				0	0	0	%100
69         M66         X         5.252         5.252         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         16.049         0         %100           72         M67         Z         0         0         %100           73         M69         X         16.904         0         %100           74         M69         Z         0         0         %100           75         M74         X         9.192         9.192         0         %100           76         M74         Z         0         0         %100           77         M75         X         9.192         9.192         0         %100			Z	0			
70         M66         Z         0         0         %100           71         M67         X         16.049         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         16.904         0         %100           74         M69         Z         0         0         %100           75         M74         X         9.192         9.192         0         %100           76         M74         Z         0         0         %100           77         M75         X         9.192         9.192         0         %100			X	5.252	5.252		
71         M67         X         16.049         16.049         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         16.904         0         %100           74         M69         Z         0         0         %100           75         M74         X         9.192         9.192         0         %100           76         M74         Z         0         0         %100           77         M75         X         9.192         9.192         0         %100			Z				
72     M67     Z     0     0     0     %100       73     M69     X     16.904     16.904     0     %100       74     M69     Z     0     0     0     %100       75     M74     X     9.192     9.192     0     %100       76     M74     Z     0     0     0     %100       77     M75     X     9.192     9.192     0     %100				16.049	16.049		
73         M69         X         16.904         16.904         0         %100           74         M69         Z         0         0         0         %100           75         M74         X         9.192         9.192         0         %100           76         M74         Z         0         0         0         %100           77         M75         X         9.192         9.192         0         %100			Z				
74         M69         Z         0         0         0         %100           75         M74         X         9.192         9.192         0         %100           76         M74         Z         0         0         0         %100           77         M75         X         9.192         9.192         0         %100				16.904	16.904		
75         M74         X         9.192         9.192         0         %100           76         M74         Z         0         0         0         %100           77         M75         X         9.192         9.192         0         %100			Z				
76         M74         Z         0         0         0         %100           77         M75         X         9.192         9.192         0         %100			X				
77 M75 X 9.192 9.192 0 %100			Z				
					•		

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
79	M79B	X	0	0	0	%100
80	M79B	Z	0	0	0	%100
81	M77A	X	6.237	6.237	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	6.237	6.237	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	8.316	8.316	0	%100
86	MP5A	Z	0	0	0	%100
87	MP4A	X	8.316	8.316	0	%100
88	MP4A	Z	0	0	0	%100
89	MP2A	X	8.316	8.316	0	%100
90	MP2A	Z	0	0	0	%100
91	MP1A	X	8.316	8.316	0	%100
92	MP1A	Z	0	0	0	%100
93	MP3A	X	10.067	10.067	0	%100
94	MP3A	Z	0	0	0	%100
95	MP5C	X	8.316	8.316	0	%100
96	MP5C	Z	0	0	0	%100
97	MP4C	X	8.316	8.316	0	%100
98	MP4C	Z	0	0	0	%100
99	MP2C	X	8.316	8.316	0	%100
100	MP2C	Z	0	0	0	%100
101	MP1C	X	8.316	8.316	0	%100
102	MP1C	Z	0	0	0	%100
103	MP3C	X	10.067	10.067	0	%100
104	MP3C	Z	0	0	0	%100
105	MP5B	X	8.316	8.316	0	%100
106	MP5B	Z	0	0	0	%100
107	MP4B	X	8.316	8.316	0	%100
108	MP4B	Z	0	0	0	%100
109	MP2B	X	8.316	8.316	0	%100
110	MP2B	Z	0	0	0	%100
111	MP1B	X	8.316	8.316	0	%100
112	MP1B	Z	0	0	0	%100
113	MP3B	X	10.067	10.067	0	%100
114	MP3B	Z	0	0	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	4.394	4.394	0	%100
118	M131	Z	0	0	0	%100
119	M134	X	4.394	4.394	0	%100
120	M134	Z	0	0	0	%100
121	OVP	X	7.579	7.579	0	%100
122	OVP	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.653	2.653	0	%100
2	M1	Z	1.532	1.532	0	%100
3	M4	X	8.085	8.085	0	%100
4	M4	Z	4.668	4.668	0	%100
5	M10	X	2.281	2.281	0	%100
6	M10	Z	1.317	1.317	0	%100
7	M43	X	2.281	2.281	0	%100
8	M43	Z	1.317	1.317	0	%100
9	M46	X	4.549	4.549	0	%100



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

		•	o : otractare vic			
40	Member Label	Direction		.End Magnitude[lb/ft,F	_	End Location[ft,%]
10	M46	Z	2.626	2.626	0	%100 %400
11	M51B	X	2.526	2.526	0	%100
12	M51B	Z	1.458	1.458	0	%100
13	M52B	X	10.103	10.103	0	%100
14	M52B	Z	5.833	5.833	0	%100
15	M76	X	13.646	13.646	0	%100
16	M76	Z	7.879	7.879	0	%100
17	M77	X	4.633	4.633	0	%100
18	M77	Z	2.675	2.675	0	%100
19	M80	X	4.88	4.88	0	%100
20	M80	Z	2.817	2.817	0	%100
21	M84	X	13.646	13.646	0	%100
22	<u>M84</u>	Z	7.879	7.879	0	%100
23	M85	X	18.532	18.532	0	%100
24	M85	Z	10.699	10.699	0	%100
25	<u>M91</u>	X	19.519	19.519	0	%100
26	M91	Z	11.269	11.269	0	%100
27	<u>M26</u>	X	8.085	8.085	0	%100
28	<u>M26</u>	Z	4.668	4.668	0	%100
29	M27	X	2.281	2.281	0	%100
30	M27	Z	1.317	1.317	0	%100
31	M28	X	2.281	2.281	0	%100
32	M28	Z	1.317	1.317	0	%100
33	M29	X	4.549	4.549	0	%100
34	M29	Z	2.626	2.626	0	%100
35	M32	X	10.103	10.103	0	%100
36	M32	Z	5.833	5.833	0	%100
37	M33	X	2.526	2.526	0	%100
38	M33	Z	1.458	1.458	0	%100
39	M37	X	13.646	13.646	0	%100
40	M37	Z	7.879	7.879	0	%100
41	M38	X	18.532	18.532	0	%100
42	M38	Z	10.699	10.699	0	%100
43	M40	X	19.519	19.519	0	%100
44	M40	Z	11.269	11.269	0	%100
45	M42	X	13.646	13.646	0	%100
46	M42	Z	7.879	7.879	0	%100
47	M43A	X	4.633	4.633	0	%100
48	M43A	Z	2.675	2.675	0	%100
49	M45	X	4.88	4.88	0	%100
50	M45	Z	2.817	2.817	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X Z	9.122	9.122	0	%100
54	M51C		5.267	5.267	0	%100
55	M52A	X	9.122	9.122	0	%100
56	M52A	Z	5.267	5.267	0	%100
57	M53	X	18.195	18.195	0	%100
58	M53	Z	10.505	10.505	0	%100
59	M56	X	2.526	2.526	0	%100
60	M56	Z	1.458	1.458	0	%100
61	M57	X	2.526	2.526	0	%100
62	M57	Z	1.458	1.458	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M62	X	4.633	4.633	0	%100
66	M62	Z	2.675	2.675	0	%100
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# Member Distributed Loads (BLC 45 : Structure Wo (120 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft,F	Start Location[ft %]	End Location[ft,%]
67	M64	X	4.88	4.88	0	%100
68	M64	Z	2.817	2.817	0	%100
69	M66	Х	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	4.633	4.633	0	%100
72	M67	Z	2.675	2.675	0	%100
73	M69	Χ	4.88	4.88	0	%100
74	M69	Z	2.817	2.817	0	%100
75	M74	X	2.653	2.653	0	%100
76	M74	Z	1.532	1.532	0	%100
77	M75	X	10.614	10.614	0	%100
78	M75	Z	6.128	6.128	0	%100
79	M79B	X	1.801	1.801	0	%100
80	M79B	Z	1.04	1.04	0	%100
81	M77A	X	1.801	1.801	0	%100
82	M77A	Z	1.04	1.04	0	%100
83	M78	X	7.202	7.202	0	%100
84	M78	Z	4.158	4.158	0	%100
85	MP5A	<u>X</u>	7.202	7.202	0	%100
86	MP5A	Z	4.158	4.158	0	%100
87	MP4A	X	7.202	7.202	0	%100
88	MP4A	Z	4.158	4.158	0	%100
89	MP2A	X	7.202	7.202	0	%100
90	MP2A	Z	4.158	4.158	0	%100
91	MP1A	X Z	7.202	7.202	0	%100
92	MP1A		4.158	4.158	0	%100 %100
93	MP3A	X 7	8.718	8.718	0	%100 %400
94 95	MP3A MP5C	<u>Z</u>	5.034 7.202	5.034 7.202	0	%100 %100
96	MP5C	X 	4.158	4.158	0	%100 %100
97	MP4C	X	7.202	7.202	0	%100 %100
98	MP4C MP4C	Z	4.158	4.158	0	%100 %100
99	MP2C	X	7.202	7.202	0	%100 %100
100	MP2C	Z	4.158	4.158	0	%100 %100
101	MP1C	X	7.202	7.202	0	%100 %100
102	MP1C	Z	4.158	4.158	0	%100 %100
103	MP3C	X	8.718	8.718	0	%100 %100
104	MP3C	Z	5.034	5.034	0	%100 %100
105	MP5B	X	7.202	7.202	0	%100 %100
106	MP5B	Z	4.158	4.158	0	%100 %100
107	MP4B	X	7.202	7.202	0	%100 %100
108	MP4B	Z	4.158	4.158	0	%100
109	MP2B	X	7.202	7.202	0	%100 %100
110	MP2B	Z	4.158	4.158	0	%100
111	MP1B	X	7.202	7.202	0	%100
112	MP1B	Z	4.158	4.158	0	%100
113	MP3B	Χ	8.718	8.718	0	%100
114	MP3B	Z	5.034	5.034	0	%100
115	M130	Χ	1.269	1.269	0	%100
116	M130	Z	.732	.732	0	%100
117	M131	Χ	1.269	1.269	0	%100
118	M131	Z	.732	.732	0	%100
119	M134	Χ	5.074	5.074	0	%100
120	M134	Z	2.93	2.93	0	%100
121	OVP	X	6.563	6.563	0	%100
122	OVP	Z	3.789	3.789	0	%100

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

			or otractare we			
	Member Label	Direction		.End Magnitude[lb/ft,F		End Location[ft,%]
1	<u>M1</u>	X	4.596	4.596	0	%100
2	<u>M1</u>	Z	7.96	7.96	0	%100
3	<u>M4</u>	X	1.556	1.556	0	%100
4	M4	Z	2.695	2.695	0	%100
5	M10	X	3.95	3.95	0	%100
6	M10	Z	6.842	6.842	0	%100
7	M43	X	3.95	3.95	0	%100
8	M43	Z	6.842	6.842	0	%100
9	M46	X	7.879	7.879	0	%100
10	M46	Z	13.646	13.646	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	4.375	4.375	0	%100
14	M52B	Z	7.578	7.578	0	%100
15	M76	X	2.626	2.626	0	%100
16	M76	Z	4.549	4.549	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	2.626	2.626	0	%100 %100
22	M84	Z	4.549	4.549	0	%100 %100
23	M85	X	8.025	8.025	0	%100 %100
24	M85	Z	13.899	13.899	0	%100 %100
25	M91	X	8.452	8.452	0	%100
26	M91	Z	14.639	14.639	0	%100
27	M26	X	6.224	6.224	0	%100
28	M26	Z	10.78	10.78	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M32	X	4.375	4.375	0	%100
36	M32	Z	7.578	7.578	0	%100
37	M33	X	4.375	4.375	0	%100
38	M33	Z	7.578	7.578	0	%100
39	M37	X	10.505	10.505	0	%100
40	M37	Z	18.195	18.195	0	%100
41	M38	X	8.025	8.025	0	%100
42	M38	Z	13.899	13.899	0	%100
43	M40	X	8.452	8.452	0	%100
44	M40	Z	14.639	14.639	0	%100
45	M42	X	10.505	10.505	0	%100
46	M42	Z	18.195	18.195	0	%100
47	M43A	X	8.025	8.025	0	%100
48	M43A	Z	13.899	13.899	0	%100
49	M45	X	8.452	8.452	0	%100
50	M45	Z	14.639	14.639	0	%100
51	M50A	X	1.556	1.556	0	%100
52	M50A	Z	2.695	2.695	0	%100 %100
53	M51C	X	3.95	3.95	0	%100 %100
54	M51C	Z	6.842	6.842	0	%100 %100
55	M52A	X	3.95	3.95	0	%100 %100
56	M52A	Z	6.842	6.842	0	%100 %100
57	M53	X	7.879	7.879	0	%100 %100
IJ1	IVIOO		1.019	1.019	U	/0 100



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

			Ot and Manuscritor of a fills /ft			F
58	Member Label M53	Direction Z		.End Magnitude[lb/ft,F 13.646	Start Location[π,%]	End Location[ft,%] %100
	M56	X	13.646 4.375	4.375	0	%100 %100
59						
60	M56	Z	7.578	7.578	0	%100 %100
61	M57	X Z	0	0	0	%100 %400
62	M57		•		0	%100 %400
63	M61	X Z	2.626	2.626	0	%100 %100
64	M61		4.549	4.549	0	
65	M62	X	8.025	8.025	0	%100 %400
66	M62	Z	13.899	13.899	0	%100 %100
67	M64	X Z	8.452	8.452	0	%100 %100
68	M64	X	14.639	14.639	0	%100 %100
69	M66		2.626	2.626	0	%100 %100
70	M66	Z	4.549	4.549	0	%100 %100
71 72	M67 M67	X Z	0	0	0	%100 %100
		X	-			%100 %100
73	M69	Z	0	0	0	%100 %100
74	M69		0		0	
75	M74	X Z	0	0	0	%100 %100
76 77	M74	X			0	%100 %100
	M75 M75	Z	4.596	4.596	0	%100 %100
78		X	7.96	7.96	0	
79	M79B		3.119 5.402	3.119	0	%100 %100
80	M79B	Z		5.402	0	%100 %100
81	M77A	X Z	0	0	0	%100 %100
	<u>M77A</u> M78	X	3.119	3.119	0	%100 %100
83		Z				%100 %100
84	M78		5.402	5.402	0	%100 %100
85	MP5A	X	4.158	4.158	0	
86	MP5A MP4A	Z X	7.202	7.202	0	%100 %100
87		Z	4.158 7.202	4.158 7.202		%100 %100
88	MP4A MP2A	X		4.158	0	%100 %100
89	MP2A MP2A	Z	4.158 7.202	7.202	0	%100 %100
90	MP1A	X	4.158	4.158	0	%100 %100
92	MP1A	Z	7.202	7.202	0	%100 %100
93	MP3A	X	5.034	5.034	0	%100 %100
94	MP3A	Z	8.718	8.718	0	%100 %100
95	MP5C	X	4.158	4.158	0	%100 %100
96	MP5C	Z	7.202	7.202	0	%100 %100
97	MP4C	X	4.158	4.158	0	%100 %100
98	MP4C	Z	7.202	7.202	0	%100 %100
99	MP2C	X	4.158	4.158	0	%100 %100
100	MP2C	Z	7.202	7.202	0	%100 %100
101	MP1C		4.158	4.158	0	%100 %100
102	MP1C	X Z	7.202	7.202	0	%100 %100
103	MP3C	X	5.034	5.034	0	%100 %100
104	MP3C	Z	8.718	8.718	0	%100 %100
105	MP5B	X	4.158	4.158	0	%100 %100
106	MP5B	Z	7.202	7.202	0	%100 %100
107	MP4B	X	4.158	4.158	0	%100 %100
107	MP4B	Z	7.202	7.202	0	%100 %100
109	MP2B	X	4.158	4.158	0	%100 %100
110	MP2B	Z	7.202	7.202	0	%100 %100
111	MP1B	X	4.158	4.158	0	%100 %100
112	MP1B	Z	7.202	7.202	0	%100 %100
113	MP3B	X	5.034	5.034	0	%100 %100
114	MP3B	Z	8.718	8.718	0	%100 %100
114	IVIE OD	_	0.710	0.7 10	U	/0100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
115	M130	X	2.197	2.197	0	%100
116	M130	Ζ	3.806	3.806	0	%100
117	M131	Χ	0	0	0	%100
118	M131	Ζ	0	0	0	%100
119	M134	X	2.197	2.197	0	%100
120	M134	Ζ	3.806	3.806	0	%100
121	OVP	X	3.789	3.789	0	%100
122	OVP	Z	6.563	6.563	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	12.256	12.256	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	10.533	10.533	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	10.533	10.533	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	21.01	21.01	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	2.917	2.917	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	2.917	2.917	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	5.35	5.35	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	5.635	5.635	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	5.35	5.35	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	5.635	5.635	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	9.336	9.336	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	2.633	2.633	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	2.633	2.633	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	5.252	5.252	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	2.917	2.917	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	11.666	11.666	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	15.757	15.757	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	5.35	5.35	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	5.635	5.635	0	%100
45	M42	X	0	0	0	%100

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

		•		- 1100 Bcg// 100		
40	Member Label	Direction		.End Magnitude[lb/ft,F	_	End Location[ft,%]
46	M42	Z	15.757	15.757	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	21.399	21.399	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	22.539	22.539	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	9.336	9.336	0	%100
53	M51C	X	0	0	0	%100 %400
54	M51C	Z	2.633	2.633	0	%100 %100
55	M52A	X Z	0	0	0	%100 %400
56	M52A		2.633	2.633	0	%100 %400
57	M53	X	0	0	0	%100 %100
58	M53	Z	5.252	5.252	0	%100 %100
59 60	M56 M56	X Z	0 11.666	0 11.666	0	%100 %100
61	M57	X	0	0	0	%100 %100
62	M57	Z	2.917	2.917	0	%100 %100
63	M61	X	0	0	0	%100 %100
64	M61	Z	15.757	15.757	0	%100 %100
65	M62	X	0	0	0	%100 %100
66	M62	Z	21.399	21.399	0	%100 %100
67	M64	X	0	0	0	%100 %100
68	M64	Z	22.539	22.539	0	%100 %100
69	M66	X	0	0	0	%100 %100
70	M66	Z	15.757	15.757	0	%100 %100
71	M67	X	0	0	0	%100 %100
72	M67	Z	5.35	5.35	0	%100 %100
73	M69	X	0	0	0	%100 %100
74	M69	Z	5.635	5.635	0	%100
75	M74	X	0	0.000	0	%100 %100
76	M74	Z	3.064	3.064	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	3.064	3.064	0	%100
79	M79B	X	0	0	0	%100
80	M79B	Z	8.316	8.316	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	2.079	2.079	0	%100
83	M78	Х	0	0	0	%100
84	M78	Z	2.079	2.079	0	%100
85	MP5A	X	0	0	0	%100
86	MP5A	Z	8.316	8.316	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	8.316	8.316	0	%100
89	MP2A	X Z	0	0	0	%100
90	MP2A		8.316	8.316	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	8.316	8.316	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	10.067	10.067	0	%100
95	MP5C	X	0	0	0	%100
96	MP5C	Z	8.316	8.316	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	8.316	8.316	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	8.316	8.316	0	%100
101	MP1C	X	0	0	0	%100
102	MP1C	Z	8.316	8.316	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
103	MP3C	Χ	0	0	0	%100
104	MP3C	Z	10.067	10.067	0	%100
105	MP5B	X	0	0	0	%100
106	MP5B	Z	8.316	8.316	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	8.316	8.316	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	8.316	8.316	0	%100
111	MP1B	X	0	0	0	%100
112	MP1B	Z	8.316	8.316	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	10.067	10.067	0	%100
115	M130	X	0	0	0	%100
116	M130	Ζ	5.859	5.859	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	1.465	1.465	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	1.465	1.465	0	%100
121	OVP	X	0	0	0	%100
122	OVP	Z	7.579	7.579	0	%100

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

	Member Label	Direction		.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	Χ	-4.596	-4.596	0	%100
2	M1	Z	7.96	7.96	0	%100
3	M4	X	-1.556	-1.556	0	%100
4	M4	Z	2.695	2.695	0	%100
5	M10	X	-3.95	-3.95	0	%100
6	M10	Ζ	6.842	6.842	0	%100
7	M43	X	-3.95	-3.95	0	%100
8	M43	Ζ	6.842	6.842	0	%100
9	M46	X	-7.879	-7.879	0	%100
10	M46	Z	13.646	13.646	0	%100
11	M51B	Χ	-4.375	-4.375	0	%100
12	M51B	Z	7.578	7.578	0	%100
13	M52B	Χ	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	Х	-2.626	-2.626	0	%100
16	M76	Z	4.549	4.549	0	%100
17	M77	Χ	-8.025	-8.025	0	%100
18	M77	Z	13.899	13.899	0	%100
19	M80	Х	-8.452	-8.452	0	%100
20	M80	Z	14.639	14.639	0	%100
21	M84	Χ	-2.626	-2.626	0	%100
22	M84	Z	4.549	4.549	0	%100
23	M85	Χ	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	Х	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	Χ	-1.556	-1.556	0	%100
28	M26	Z	2.695	2.695	0	%100
29	M27	Χ	-3.95	-3.95	0	%100
30	M27	Z	6.842	6.842	0	%100
31	M28	X	-3.95	-3.95	0	%100
32	M28	Z	6.842	6.842	0	%100
33	M29	Χ	-7.879	-7.879	0	%100

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

	Manakantakat	Dinastian	Ot and Manusitured a File 16th	En al Maranita de Illa III.		F., .    +:: [# 0/1
34	Member Label M29	Direction Z	13.646	.End Magnitude[lb/ft,F 13.646	0	End Location[ft,%] %100
35	M32	X	0	0	0	%100 %100
36	M32	Z	0	0	0	%100 %100
37	M33	X	-4.375	-4.375	0	%100 %100
38	M33	Z	7.578	7.578	0	%100 %100
39	M37	X	-2.626	-2.626	0	%100 %100
40	M37	Z	4.549	4.549	0	%100 %100
41	M38	X	0	0	0	%100 %100
42	M38	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M42	X	-2.626	-2.626	0	%100
46	M42	Z	4.549	4.549	0	%100
47	M43A	X	-8.025	-8.025	0	%100
48	M43A	Z	13.899	13.899	0	%100
49	M45	Х	-8.452	-8.452	0	%100
50	M45	Z	14.639	14.639	0	%100
51	M50A	Х	-6.224	-6.224	0	%100
52	M50A	Z	10.78	10.78	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M56	X	-4.375	-4.375	0	%100
60	M56	Z	7.578	7.578	0	%100
61	M57	X	-4.375	-4.375	0	%100
62	M57	Z	7.578	7.578	0	%100
63	M61	X	-10.505	-10.505	0	%100
64	M61	Z	18.195	18.195	0	%100
65	M62	X	-8.025	-8.025	0	%100
66	M62	Z	13.899	13.899	0	%100
67	M64	X	-8.452	-8.452	0	%100
68	M64	Z	14.639	14.639	0	%100
69 70	M66	X Z	-10.505	-10.505	0	%100 %100
71	M66 M67		18.195 -8.025	18.195 -8.025	0	%100 %100
72	M67	X Z		13.899	0	%100 %100
73	M69	X	13.899 -8.452	-8.452	0	%100 %100
74	M69	Z	14.639	14.639	0	%100 %100
75	M74	X	-4.596	-4.596	0	%100 %100
76	M74	Z	7.96	7.96	0	%100 %100
77	M75		0	0	0	%100 %100
78	M75	X Z	0	0	0	%100 %100
79	M79B	X	-3.119	-3.119	0	%100 %100
80	M79B	Z	5.402	5.402	0	%100 %100
81	M77A	X	-3.119	-3.119	0	%100
82	M77A	Z	5.402	5.402	0	%100
83	M78	Х	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	-4.158	-4.158	0	%100
86	MP5A	Z	7.202	7.202	0	%100
87	MP4A	X	-4.158	-4.158	0	%100
88	MP4A	Z	7.202	7.202	0	%100
89	MP2A	X	-4.158	-4.158	0	%100
90	MP2A	Z	7.202	7.202	0	%100

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

	Member Label	Direction		.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
91	MP1A	Χ	-4.158	-4.158	0	%100
92	MP1A	Z	7.202	7.202	0	%100
93	MP3A	X	-5.034	-5.034	0	%100
94	MP3A	Z	8.718	8.718	0	%100
95	MP5C	X	-4.158	-4.158	0	%100
96	MP5C	Z	7.202	7.202	0	%100
97	MP4C	X	-4.158	-4.158	0	%100
98	MP4C	Z	7.202	7.202	0	%100
99	MP2C	X	-4.158	-4.158	0	%100
100	MP2C	Ζ	7.202	7.202	0	%100
101	MP1C	X	-4.158	-4.158	0	%100
102	MP1C	Ζ	7.202	7.202	0	%100
103	MP3C	X	-5.034	-5.034	0	%100
104	MP3C	Ζ	8.718	8.718	0	%100
105	MP5B	X	-4.158	-4.158	0	%100
106	MP5B	Z	7.202	7.202	0	%100
107	MP4B	Χ	-4.158	-4.158	0	%100
108	MP4B	Z	7.202	7.202	0	%100
109	MP2B	X	-4.158	-4.158	0	%100
110	MP2B	Ζ	7.202	7.202	0	%100
111	MP1B	Χ	-4.158	-4.158	0	%100
112	MP1B	Z	7.202	7.202	0	%100
113	MP3B	X	-5.034	-5.034	0	%100
114	MP3B	Ζ	8.718	8.718	0	%100
115	M130	X	-2.197	-2.197	0	%100
116	M130	Ζ	3.806	3.806	0	%100
117	M131	Χ	-2.197	-2.197	0	%100
118	M131	Z	3.806	3.806	0	%100
119	M134	Χ	0	0	0	%100
120	M134	Z	0	0	0	%100
121	OVP	Χ	-3.789	-3.789	0	%100
122	OVP	Z	6.563	6.563	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.653	-2.653	0	%100
2	M1	Z	1.532	1.532	0	%100
3	M4	X	-8.085	-8.085	0	%100
4	M4	Z	4.668	4.668	0	%100
5	M10	X	-2.281	-2.281	0	%100
6	M10	Z	1.317	1.317	0	%100
7	M43	X	-2.281	-2.281	0	%100
8	M43	Z	1.317	1.317	0	%100
9	M46	X	-4.549	-4.549	0	%100
10	M46	Z	2.626	2.626	0	%100
11	M51B	X	-10.103	-10.103	0	%100
12	M51B	Z	5.833	5.833	0	%100
13	M52B	X	-2.526	-2.526	0	%100
14	M52B	Z	1.458	1.458	0	%100
15	M76	X	-13.646	-13.646	0	%100
16	M76	Z	7.879	7.879	0	%100
17	M77	X	-18.532	-18.532	0	%100
18	M77	Z	10.699	10.699	0	%100
19	M80	Χ	-19.519	-19.519	0	%100
20	M80	Z	11.269	11.269	0	%100
21	M84	X	-13.646	-13.646	0	%100

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

			Ot and Manusitured a Ula 164			F., -1.1 +: [# 0/1
22	Member Label M84	Direction Z	7.879	End Magnitude[lb/ft,F 7.879	_	End Location[ft,%] %100
23	M85	X	-4.633	-4.633	0	%100 %100
24	M85	Z	2.675	2.675	0	%100 %100
25	M91	X Z	-4.88	-4.88	0	%100 %400
26	M91		2.817	2.817	0	%100 %400
27	M26	X Z	0	0	0	%100 %400
28	M26		0	0	0	%100 %400
29	M27	X	-9.122	-9.122	0	%100 %400
30	M27	Z	5.267	5.267	0	%100 %400
31	M28	X	-9.122	-9.122	0	%100
32	M28	Z	5.267	5.267	0	%100
33	M29	X	-18.195	-18.195	0	%100
34	M29	Z	10.505	10.505	0	%100
35	M32	X	-2.526	-2.526	0	%100
36	M32	Z	1.458	1.458	0	%100
37	M33	X	-2.526	-2.526	0	%100
38	M33	Z	1.458	1.458	0	%100
39	<u>M37</u>	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	-4.633	-4.633	0	%100
42	M38	Z	2.675	2.675	0	%100
43	M40	X	-4.88	-4.88	0	%100
44	M40	Z	2.817	2.817	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M43A	X	-4.633	-4.633	0	%100
48	M43A	Z	2.675	2.675	0	%100
49	M45	X	-4.88	-4.88	0	%100
50	M45	Z	2.817	2.817	0	%100
51	M50A	X	-8.085	-8.085	0	%100
52	M50A	Z	4.668	4.668	0	%100
53	M51C	X	-2.281	-2.281	0	%100
54	M51C	Z	1.317	1.317	0	%100
55	M52A	X	-2.281	-2.281	0	%100
56	M52A	Z	1.317	1.317	0	%100
57	M53	X	-4.549	-4.549	0	%100
58	M53	Z	2.626	2.626	0	%100
59	M56	X	-2.526	-2.526	0	%100
60	M56	Z	1.458	1.458	0	%100
61	M57	X	-10.103	-10.103	0	%100
62	M57	Z	5.833	5.833	0	%100
63	M61	Х	-13.646	-13.646	0	%100
64	M61	Z	7.879	7.879	0	%100
65	M62		-4.633	-4.633	0	%100
66	M62	X Z	2.675	2.675	0	%100
67	M64	X	-4.88	-4.88	0	%100
68	M64	Z	2.817	2.817	0	%100
69	M66	X	-13.646	-13.646	0	%100
70	M66	Ž	7.879	7.879	0	%100
71	M67	X	-18.532	-18.532	0	%100
72	M67	Z	10.699	10.699	0	%100
73	M69	X	-19.519	-19.519	0	%100 %100
74	M69	Z	11.269	11.269	0	%100 %100
75	M74	X	-10.614	-10.614	0	%100
76	M74	Z	6.128	6.128	0	%100 %100
77	M75	X	-2.653	-2.653	0	%100 %100
78	M75	Z	1.532	1.532	0	%100 %100
70	IVITU		1.002	1.002	U	70 100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
79	M79B	X	-1.801	-1.801	0	%100
80	M79B	Z	1.04	1.04	0	%100
81	M77A	X	-7.202	-7.202	0	%100
82	M77A	Z	4.158	4.158	0	%100
83	M78	X	-1.801	-1.801	0	%100
84	M78	Z	1.04	1.04	0	%100
85	MP5A	X	-7.202	-7.202	0	%100
86	MP5A	Z	4.158	4.158	0	%100
87	MP4A	X	-7.202	-7.202	0	%100
88	MP4A	Z	4.158	4.158	0	%100
89	MP2A	X	-7.202	-7.202	0	%100
90	MP2A	Z	4.158	4.158	0	%100
91	MP1A	X	-7.202	-7.202	0	%100
92	MP1A	Z	4.158	4.158	0	%100
93	MP3A	X	-8.718	-8.718	0	%100
94	MP3A	Z	5.034	5.034	0	%100
95	MP5C	X	-7.202	-7.202	0	%100
96	MP5C	Z	4.158	4.158	0	%100
97	MP4C	X	-7.202	-7.202	0	%100
98	MP4C	Z	4.158	4.158	0	%100
99	MP2C	X	-7.202	-7.202	0	%100
100	MP2C	Z	4.158	4.158	0	%100
101	MP1C	X	-7.202	-7.202	0	%100
102	MP1C	Z	4.158	4.158	0	%100
103	MP3C	X	-8.718	-8.718	0	%100
104	MP3C	Z	5.034	5.034	0	%100
105	MP5B	X	-7.202	-7.202	0	%100
106	MP5B	Z	4.158	4.158	0	%100
107	MP4B	X	-7.202	-7.202	0	%100
108	MP4B	Z	4.158	4.158	0	%100
109	MP2B	X	-7.202	-7.202	0	%100
110	MP2B	Z	4.158	4.158	0	%100
111	MP1B	X	-7.202	-7.202	0	%100
112	MP1B	Z	4.158	4.158	0	%100
113	MP3B	X	-8.718	-8.718	0	%100
114	MP3B	Z	5.034	5.034	0	%100
115	M130	X	-1.269	-1.269	0	%100
116	M130	Z	.732	.732	0	%100
117	M131	X	-5.074	-5.074	0	%100
118	M131	Z	2.93	2.93	0	%100
119	M134	X	-1.269	-1.269	0	%100
120	M134	Z	.732	.732	0	%100
121	OVP	X	-6.563	-6.563	0	%100
122	OVP	Z	3.789	3.789	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-12.448	-12.448	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100

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

			. Otractare Wo			
	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
10	M46	Z	0	0	0	%100
11	M51B	X	-8.75	-8.75	0	%100
12	M51B	Z	0	0	0	%100 %100
			•	•	-	
13	M52B	X	-8.75	-8.75	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-21.01	-21.01	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-16.049	-16.049	0	%100
18	M77	Z	0	0	0	%100 %100
				-		
19	M80	X	-16.904	-16.904	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-21.01	-21.01	0	%100
22	M84	Z	0	0	0	%100
23	M85	Χ	-16.049	-16.049	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-16.904	-16.904	0	%100
		Z				
26	M91		0	0	0	%100
27	M26	X	-3.112	-3.112	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-7.9	-7.9	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-7.9	-7.9	0	%100
32	M28	Z	0	0	0	%100 %100
			•	•		
33	M29	X	-15.757	-15.757	0	%100
34	M29	Z	0	0	0	%100
35	M32	Χ	-8.75	-8.75	0	%100
36	M32	Ζ	0	0	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	0	0	0	%100
39	M37	X	-5.252	-5.252	0	%100
40	M37	Z	0	0.202	0	%100 %100
		X	-	-		
41	M38		-16.049	-16.049	0	%100
42	M38	Z	0	0	0	%100
43	M40	X	-16.904	-16.904	0	%100
44	M40	Z	0	0	0	%100
45	M42	X	-5.252	-5.252	0	%100
46	M42	Z	0	0	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100 %100
49	M45	X	0	0	0	%100 %100
			-		-	
50	M45	Z	0	0	0	%100
51	M50A	X	-3.112	-3.112	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	-7.9	-7.9	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	-7.9	-7.9	0	%100
56	M52A	Z	0	0	0	%100 %100
57	M53	X	-15.757	-15.757	0	%100 %100
			_	_		
58	M53	Z	0	0	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M57	X	-8.75	-8.75	0	%100
62	M57	Z	0	0	0	%100
63	M61	X	-5.252	-5.252	0	%100
64	M61	Z	0.202	0.202	0	%100 %100
65	M62	X	0	0	0	%100 %100
		^			0	
66	M62		0	0	U	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M66	X	-5.252	-5.252	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	-16.049	-16.049	0	%100
72	M67	Z	0	0	0	%100
73	M69	X	-16.904	-16.904	0	%100
74	M69	Z	0	0	0	%100
75	M74	X	-9.192	-9.192	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-9.192	-9.192	0	%100
78	M75	Z	0	0	0	%100
79	M79B	X	0	0	0	%100
80	M79B	Z	0	0	0	%100
81	M77A	X	-6.237	-6.237	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-6.237	-6.237	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	-8.316	-8.316	0	%100
86	MP5A	Z	0	0	0	%100
87	MP4A	X	-8.316	-8.316	0	%100
88	MP4A	Z	0	0	0	%100
89	MP2A	X	-8.316	-8.316	0	%100
90	MP2A	Ž	0.010	0.010	0	%100
91	MP1A	X	-8.316	-8.316	0	%100
92	MP1A	Z	0.010	0.010	0	%100
93	MP3A	X	-10.067	-10.067	0	%100
94	MP3A	Z	0	0	0	%100
95	MP5C	X	-8.316	-8.316	0	%100
96	MP5C	Z	0	0	0	%100
97	MP4C	X	-8.316	-8.316	0	%100
98	MP4C	Z	0	0	0	%100
99	MP2C	X	-8.316	-8.316	0	%100
100	MP2C	Z	0	0	0	%100
101	MP1C	X	-8.316	-8.316	0	%100
102	MP1C	Z	0	0	0	%100
103	MP3C	Χ	-10.067	-10.067	0	%100
104	MP3C	Z	0	0	0	%100
105	MP5B	Χ	-8.316	-8.316	0	%100
106	MP5B	Z	0	0	0	%100
107	MP4B	X	-8.316	-8.316	0	%100
108	MP4B	Z	0	0	0	%100
109	MP2B	Х	-8.316	-8.316	0	%100
110	MP2B	Z	0	0	0	%100
111	MP1B	X	-8.316	-8.316	0	%100
112	MP1B	Z	0	0	0	%100
113	MP3B	Χ	-10.067	-10.067	0	%100
114	MP3B	Z	0	0	0	%100
115	M130	Х	0	0	0	%100
116	M130	Z	0	0	0	%100
117	M131	Χ	-4.394	-4.394	0	%100
118	M131	Z	0	0	0	%100
119	M134	X	-4.394	-4.394	0	%100
120	M134	Z	0	0	0	%100
121	OVP	X	-7.579	-7.579	0	%100
122	OVP	Z	0	0	0	%100



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

Member Label   Direction   Start Magnitude  Diff. End Magnitude  Diff.   Start Location(ft.%)    End Location(ft.%)    2   M1				. Otractare Wo			
2							
3	_		X			-	
4         M4         Z         4.668         0         %100           5         M10         X         -2.281         -2.281         0         %100           6         M10         Z         -1.317         -1.317         0         %100           7         M43         X         -2.281         -2.281         0         %100           8         M43         Z         -1.317         -1.317         0         %100           19         M46         X         -4.549         -4.549         0         %100           10         M46         Z         -2.626         -2.626         0         %100           11         M51B         X         -2.526         -2.626         0         %100           12         M51B         Z         -1.488         -1.488         0         %100           12         M51B         Z         -1.488         -1.488         0         %100           14         M52B         Z         -5.833         -5.833         0         %100           15         M76         X         -1.643         -1.463         -1.463         0         %100           15							
5         M10         X         -2.281         -2.281         0         %100           7         M43         X         -2.281         -2.281         0         %1100           8         M43         X         -2.281         -2.281         0         %1100           9         M46         X         -4.549         -4.549         0         %1100           10         M46         X         -4.549         -4.549         0         9.4100           11         M51B         X         -2.526         -2.526         0         9.4100           11         M51B         X         -2.526         -2.526         0         9.4100           12         M51B         X         -1.0103         1.0103         0         9.4100           13         M52B         X         -10.103         1.0103         0         9.4100           14         M52B         Z         -1.488         1.458         0         9.4100           14         M52B         X         -1.3646         -13.646         0         9.4100           16         M76         X         -1.333         -5.833         0         9.6100							
6         M10         Z         -1.317         -0         %100           7         M43         X         -2.281         0         %100           8         M43         Z         -1.317         -1.317         0         9/100           9         M46         X         4.549         4.549         0         %100           10         M46         Z         -2.626         -2.626         0         %100           11         M51B         X         -2.526         -2.526         0         %100           12         M51B         Z         -1.458         -1.458         0         %100           13         M52B         X         -10.103         -10.103         0         %6100           13         M52B         X         -10.103         -10.103         0         %6100           15         M76         X         -13.646         -13.646         0         %6100           15         M76         X         -13.646         -13.646         0         %6100           17         M77         X         -4.633         -4.633         0         %6100           18         M77         Z							
T							
8         M43         Z         -1.317         0         %100           10         M46         X         -4.549         -4.549         0         %100           10         M46         Z         -2.626         -2.626         0         9.4100           11         MS1B         X         -2.526         -2.526         0         9.4100           12         MS1B         Z         -1.458         -1.458         0         9.4100           13         MS2B         Z         -5.833         -5.833         0         9.6100           15         M76         X         -13.846         -13.646         0         9.6100           16         M76         X         -13.846         -13.646         0         9.6100           17         M77         X         -4.633         -4.633         0         9.6100           18         M77         Z         -2.675         -2.675         0         9.6100           19         M80         X         -4.88         -4.88         0         9.6100           20         M80         Z         -2.817         -2.817         0         9.6100           21							
9	7	M43	X			0	%100
10			Z	-1.317		0	
11							
12	10	M46		-2.626	-2.626	0	%100
12	11	M51B	X	-2.526	-2.526	0	%100
14         MS2B         Z         -5.833         -5.833         0         %100           16         M76         Z         -7.879         -7.879         0         %100           17         M77         X         -4.633         -4.633         0         %100           18         M77         Z         -2.675         2.675         0         %100           19         M80         X         -4.88         -4.88         0         %100           20         M80         X         -2.2817         2.2817         0         %100           21         M84         X         -13.646         -13.646         0         %100           22         M84         Z         -7.879         -7.879         0         %100           23         M85         X         -18.532         -10.699         0         %100           24         M85         Z         -10.699         -10.699         0         %100           25         M91         X         -19.519         0         %100           26         M91         Z         -11.269         -11.269         0         %100           27         M26	12	M51B	Z	-1.458	-1.458	0	%100
14         MS2B         Z         -5.833         -5.833         0         %100           16         M76         Z         -7.879         -7.879         0         %100           17         M77         X         -4.633         -4.633         0         %100           18         M77         Z         -2.675         2.675         0         %100           19         M80         X         -4.88         -4.88         0         %100           20         M80         X         -2.2817         2.2817         0         %100           21         M84         X         -13.646         -13.646         0         %100           22         M84         Z         -7.879         -7.879         0         %100           23         M85         X         -18.532         -10.699         0         %100           24         M85         Z         -10.699         -10.699         0         %100           25         M91         X         -19.519         0         %100           26         M91         Z         -11.269         -11.269         0         %100           27         M26	13	M52B	Х	-10.103	-10.103	0	%100
15						0	
16			X			0	
17							
18         M77         Z         -2.675         -2.675         0         %100           19         M80         X         -4.88         -4.88         0         %100           20         M80         Z         -2.817         -2.817         0         %100           21         M84         X         -13.646         -13.646         0         %100           22         M84         Z         -7.879         -7.879         0         %100           23         M85         X         -18.532         -18.532         0         %100           24         M85         Z         -10.699         -10.699         0         %100           25         M91         X         -19.519         0         %100           26         M91         Z         -11.269         -11.269         0         %100           26         M91         Z         -11.269         -11.269         0         %100           28         M26         Z         -4.668         -4.668         0         %100           29         M27         X         -2.281         -2.281         0         %100           30         M2							
19							
20         M80         Z         -2.817         -2.817         0         %100           21         M84         X         -13.646         -13.646         0         %100           22         M84         Z         -7.879         -7.879         0         %100           23         M85         X         -18.532         -18.532         0         %100           24         M85         Z         -10.699         -10.699         0         %100           25         M91         X         -19.519         -19.519         0         %100           26         M91         Z         -11.269         -11.269         0         %100           26         M91         Z         -11.269         -11.269         0         %100           28         M26         Z         -4.668         -4.668         0         %100           29         M27         X         -2.281         -2.281         0         %100           31         M28         X         -2.281         -2.281         0         %100           31         M28         X         -1.317         -1.317         0         %100							
21         M84         X         -13.646         -13.646         0         %100           22         M84         Z         -7.879         -7.879         0         %100           23         M85         X         -18.532         -18.532         0         %100           24         M85         Z         -10.699         -10.699         0         %100           25         M91         X         -19.519         -19.519         0         %100           26         M91         Z         -11.269         -11.269         0         %100           26         M91         Z         -11.269         -11.269         0         %100           27         M26         X         -8.085         -8.085         0         %100           28         M26         Z         -4.668         -4.668         0         %100           29         M27         X         -2.281         -2.281         0         %100           30         M27         Z         -1.317         -1.317         0         %100           31         M28         X         -2.281         -2.281         0         %100							
22         M84         Z         -7.879         -7.879         0         %100           23         M85         X         -18.532         -18.532         0         %100           24         M85         Z         -10.699         -10.699         0         %100           25         M91         X         -19.519         -19.519         0         %100           26         M91         Z         -11.269         -11.269         0         %100           27         M26         X         -8.085         -8.085         0         %100           28         M26         Z         -4.668         -4.668         0         %100           29         M27         X         -2.281         -2.281         0         %100           30         M27         Z         -1.317         -1.317         0         %100           31         M28         X         -2.281         -2.281         0         %100           32         M28         Z         -1.317         -1.317         0         %100           33         M29         X         -4.549         -4.549         0         %100 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
23         M85         X         -18.532         -10.699         -0         %100           24         M85         Z         -10.699         -10.699         0         %100           25         M91         X         -19.519         -19.519         0         %100           26         M91         Z         -11.269         -11.269         0         %100           27         M26         X         -8.085         -8.085         0         %100           28         M26         Z         -4.668         -4.668         0         %100           29         M27         X         -2.281         -2.281         0         %100           30         M27         Z         -1.317         -1.317         0         %100           31         M28         X         -2.281         -2.281         0         %100           32         M28         Z         -1.317         -1.317         0         %100           34         M29         X         -4.549         -4.549         0         %100           34         M29         X         -10.103         0         %100           35         M			7				
24         M85         Z         -10,699         -10,699         0         %100           25         M91         X         -19,519         -19,519         0         %100           26         M91         Z         -11,269         -11,269         0         %100           27         M26         X         -8,085         -8,085         0         %100           28         M26         Z         -4,668         -4,668         0         %100           29         M27         X         -2,281         -2,281         0         %100           30         M27         Z         -1,317         -1,317         0         %100           31         M28         X         -2,281         -2,281         0         %100           32         M28         Z         -1,317         -1,317         0         %100           34         M29         X         -4,549         -4,549         0         %100           34         M29         Z         -2,626         -2,626         0         %100           35         M32         X         -1,103         -10,103         0         %100							
25         M91         X         -19.519         -19.519         0         %100           26         M91         Z         -11.269         -11.269         0         %100           27         M26         X         -8.085         -8.085         0         %100           28         M26         Z         -4.668         -4.668         0         %100           29         M27         X         -2.281         -2.281         0         %100           30         M27         Z         -1.317         -1.317         0         %100           31         M28         X         -2.281         -2.281         0         %100           32         M28         Z         -1.317         -1.317         0         %100           34         M29         X         -4.549         0         %100           34         M29         X         -4.549         0         %100           34         M29         X         -4.549         0         %100           35         M32         X         -10.103         -10.103         0         %100           36         M32         X         -10.103							
26         M91         Z         -11.269         -8.085         -8.085         0         %100           27         M26         X         -8.085         -8.085         0         %100           28         M26         Z         -4.668         4.668         0         %100           29         M27         X         -2.281         -2.281         0         %100           30         M27         Z         -1.317         -1.317         0         %100           31         M28         X         -2.281         2.281         0         %100           32         M28         Z         -1.317         -1.317         0         %100           33         M29         X         -4.549         -4.549         0         %100           34         M29         Z         -2.626         -2.626         0         %100           35         M32         X         -10.103         -10.103         0         %100           36         M32         Z         -5.833         -5.833         0         %100           38         M33         X         -2.526         0         %100           38 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
27         M26         X         -8.085         -8.085         0         %100           28         M26         Z         -4.668         -4.668         0         %100           29         M27         X         -2.281         -2.281         0         %100           30         M27         Z         -1.317         -1.317         0         %100           31         M28         X         -2.281         -2.281         0         %100           31         M28         X         -2.281         -2.281         0         %100           32         M28         Z         -1.317         -1.317         0         %100           33         M29         X         -4.549         -4.549         0         %100           34         M29         Z         -2.626         -2.626         0         %100           35         M32         X         -10.103         -10.103         0         %100           35         M32         X         -10.103         -10.103         0         %100           37         M33         X         -2.526         -2.526         0         %100           38<							
28         M26         Z         -4.668         -4.668         0         %100           29         M27         X         -2.281         -2.281         0         %100           30         M27         Z         -1.317         -1.317         0         %100           31         M28         X         -2.281         -2.281         0         %100           32         M28         Z         -1.317         -1.317         0         %100           34         M29         X         -4.549         4.549         0         %100           34         M29         Z         -2.626         -2.626         0         %100           35         M32         X         -10.103         -10.103         0         %100           36         M32         X         -10.103         -10.103         0         %100           37         M33         X         -2.526         -2.526         0         %100           38         M33         Z         -1.458         -1.458         0         %100           39         M37         X         -1.3646         -13.646         0         %100           40							
29         M27         X         -2.281         -2.281         0         %100           30         M27         Z         -1.317         -1.317         0         %100           31         M28         X         -2.281         0         %100           32         M28         Z         -1.317         -1.317         0         %100           33         M29         X         -4.549         -4.549         0         %100           34         M29         Z         -2.626         -2.626         0         %100           35         M32         X         -10.103         -10.103         0         %100           36         M32         X         -10.103         -10.103         0         %100           36         M32         X         -10.103         -10.003         0         %100           37         M33         X         -2.526         -2.526         0         %100           38         M33         Z         -1.458         -1.458         0         %100           39         M37         X         -13.646         -13.646         0         %100           41         M38							
30   M27							
31         M28         X         -2.281         -2.281         0         %100           32         M28         Z         -1.317         -1.317         0         %100           33         M29         X         -4.549         -4.549         0         %100           34         M29         Z         -2.626         -2.626         0         %100           35         M32         X         -10.103         -10.103         0         %100           36         M32         Z         -5.833         -5.833         0         %100           37         M33         X         -2.526         -2.526         0         %100           38         M33         Z         -1.458         -1.458         0         %100           39         M37         X         -13.646         -13.646         0         %100           40         M37         Z         -7.879         -7.879         0         %100           42         M38         X         -18.532         0         %100           42         M38         Z         -10.699         -10.699         0         %100           43         M40<							
32         M28         Z         -1.317         -1.317         0         %100           33         M29         X         -4.549         -4.549         0         %100           34         M29         Z         -2.626         -2.626         0         %100           35         M32         X         -10.103         0         %100           36         M32         Z         -5.833         -5.833         0         %100           37         M33         X         -2.526         -2.526         0         %100           38         M33         Z         -1.458         0         %100           39         M37         X         -13.646         -13.646         0         %100           40         M37         Z         -7.879         -7.879         0         %100           41         M38         X         -18.532         -18.532         0         %100           42         M38         Z         -10.699         -10.699         0         %100           43         M40         X         -19.519         0         %100           45         M42         X         -13.646 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
33         M29         X         -4.549         -4.549         0         %100           34         M29         Z         -2.626         -2.626         0         %100           35         M32         X         -10.103         -10.103         0         %100           36         M32         Z         -5.833         -5.833         0         %100           37         M33         X         -2.526         -2.526         0         %100           38         M33         Z         -1.458         -1.458         0         %100           39         M37         X         -13.646         -13.646         0         %100           40         M37         Z         -7.879         -7.879         0         %100           41         M38         X         -18.532         0         %100           42         M38         Z         -10.699         -10.699         0         %100           43         M40         X         -19.519         -19.519         0         %100           45         M42         X         -13.646         -13.646         0         %100           45							
34         M29         Z         -2.626         -2.626         0         %100           35         M32         X         -10.103         -10.103         0         %100           36         M32         Z         -5.833         -5.833         0         %100           37         M33         X         -2.526         -2.526         0         %100           38         M33         Z         -1.458         -1.458         0         %100           39         M37         X         -13.646         -13.646         0         %100           40         M37         Z         -7.879         -7.879         0         %100           41         M38         X         -18.532         -18.532         0         %100           42         M38         Z         -10.699         -10.699         0         %100           43         M40         X         -19.519         -19.519         0         %100           44         M40         Z         -13.646         -13.646         0         %100           45         M42         X         -13.646         -13.646         0         %100							
35         M32         X         -10.103         -10.103         0         %100           36         M32         Z         -5.833         -5.833         0         %100           37         M33         X         -2.526         -2.526         0         %100           38         M33         Z         -1.458         -1.458         0         %100           39         M37         X         -13.646         -13.646         0         %100           40         M37         Z         -7.879         -7.879         0         %100           41         M38         X         -18.532         -18.532         0         %100           42         M38         Z         -10.699         -10.699         0         %100           43         M40         X         -19.519         0         %100           43         M40         X         -19.519         0         %100           45         M42         X         -13.646         -13.646         0         %100           45         M42         X         -13.646         -13.646         0         %100           46         M42							
36         M32         Z         -5.833         -5.833         0         %100           37         M33         X         -2.526         -2.526         0         %100           38         M33         Z         -1.458         -1.458         0         %100           39         M37         X         -13.646         -13.646         0         %100           40         M37         Z         -7.879         -7.879         0         %100           41         M38         X         -18.532         -18.532         0         %100           42         M38         Z         -10.699         -10.699         0         %100           43         M40         X         -19.519         -19.519         0         %100           43         M40         X         -13.646         0         %100           45         M42         X         -13.646         -13.646         0         %100           46         M42         X         -13.646         -13.646         0         %100           47         M43A         X         -4.633         -4.633         0         %100           48         <							
37         M33         X         -2.526         -2.526         0         %100           38         M33         Z         -1.458         -1.458         0         %100           39         M37         X         -13.646         -13.646         0         %100           40         M37         Z         -7.879         -7.879         0         %100           40         M37         Z         -7.879         -7.879         0         %100           41         M38         X         -18.532         0         %100           42         M38         Z         -10.699         0         %100           43         M40         X         -19.519         -19.519         0         %100           43         M40         X         -19.519         -19.519         0         %100           44         M40         Z         -11.269         -11.269         0         %100           45         M42         X         -13.646         -13.646         0         %100           46         M42         Z         -7.879         -7.879         0         %100           48         M43A         X							
38         M33         Z         -1.458         -1.458         0         %100           39         M37         X         -13.646         -13.646         0         %100           40         M37         Z         -7.879         -7.879         0         %100           41         M38         X         -18.532         -18.532         0         %100           42         M38         Z         -10.699         -10.699         0         %100           43         M40         X         -19.519         -19.519         0         %100           43         M40         X         -19.519         -19.519         0         %100           45         M42         X         -13.646         -13.646         0         %100           45         M42         X         -13.646         -13.646         0         %100           46         M42         Z         -7.879         -7.879         0         %100           47         M43A         X         -4.633         -4.633         0         %100           48         M43A         Z         -2.675         -2.675         0         %100							
39         M37         X         -13.646         -13.646         0         %100           40         M37         Z         -7.879         -7.879         0         %100           41         M38         X         -18.532         -18.532         0         %100           42         M38         Z         -10.699         -10.699         0         %100           43         M40         X         -19.519         0         %100           44         M40         Z         -11.269         -19.519         0         %100           45         M42         X         -13.646         -13.646         0         %100           46         M42         X         -13.646         -13.646         0         %100           47         M43A         X         -4.633         -4.633         0         %100           48         M43A         X         -2.675         -2.675         0         %100           49         M45         X         -4.88         -4.88         0         %100           50         M45         Z         -2.817         -2.817         0         %100           51 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
40         M37         Z         -7.879         -7.879         0         %100           41         M38         X         -18.532         -18.532         0         %100           42         M38         Z         -10.699         -10.699         0         %100           43         M40         X         -19.519         -19.519         0         %100           44         M40         Z         -11.269         -11.269         0         %100           45         M42         X         -13.646         -13.646         0         %100           46         M42         Z         -7.879         -7.879         0         %100           47         M43A         X         -4.633         -4.633         0         %100           48         M43A         Z         -2.675         -2.675         0         %100           49         M45         X         -4.88         -4.88         0         %100           50         M45         Z         -2.817         0         %100           51         M50A         X         0         0         %100           52         M50A         Z							
41         M38         X         -18.532         -18.532         0         %100           42         M38         Z         -10.699         0         %100           43         M40         X         -19.519         0         %100           44         M40         Z         -11.269         -11.269         0         %100           45         M42         X         -13.646         -13.646         0         %100           46         M42         Z         -7.879         -7.879         0         %100           47         M43A         X         -4.633         -4.633         0         %100           48         M43A         Z         -2.675         -2.675         0         %100           49         M45         X         -4.88         -4.88         0         %100           50         M45         Z         -2.817         -2.817         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         %100           53         M51C         X         -9.122 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
42         M38         Z         -10.699         -10.699         0         %100           43         M40         X         -19.519         0         %100           44         M40         Z         -11.269         -11.269         0         %100           45         M42         X         -13.646         -13.646         0         %100           46         M42         Z         -7.879         -7.879         0         %100           47         M43A         X         -4.633         -4.633         0         %100           48         M43A         Z         -2.675         -2.675         0         %100           49         M45         X         -4.88         -4.88         0         %100           50         M45         Z         -2.817         -2.817         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         %100           53         M51C         X         -9.122         -9.122         0         %100           54         M51C         Z <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
43         M40         X         -19.519         -19.519         0         %100           44         M40         Z         -11.269         0         %100           45         M42         X         -13.646         -13.646         0         %100           46         M42         Z         -7.879         -7.879         0         %100           47         M43A         X         -4.633         -4.633         0         %100           48         M43A         Z         -2.675         -2.675         0         %100           49         M45         X         -4.88         -4.88         0         %100           50         M45         Z         -2.817         -2.817         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         %100           53         M51C         X         -9.122         -9.122         0         %100           54         M51C         Z         -5.267         -5.267         0         %100           55         M52A         X			X				
44         M40         Z         -11.269         -11.269         0         %100           45         M42         X         -13.646         -13.646         0         %100           46         M42         Z         -7.879         -7.879         0         %100           47         M43A         X         -4.633         -4.633         0         %100           48         M43A         Z         -2.675         -2.675         0         %100           49         M45         X         -4.88         -4.88         0         %100           50         M45         Z         -2.817         -2.817         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X         -9.122         -9.122         0         %100           54         M51C         Z         -5.267         -5.267         0         %100           55         M52A         X         -9.122         -9.122         0         %100           56 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
45         M42         X         -13.646         -13.646         0         %100           46         M42         Z         -7.879         -7.879         0         %100           47         M43A         X         -4.633         -4.633         0         %100           48         M43A         Z         -2.675         -2.675         0         %100           49         M45         X         -4.88         -4.88         0         %100           50         M45         Z         -2.817         0         %100           51         M50A         X         0         0         %100           52         M50A         Z         0         0         %100           53         M51C         X         -9.122         -9.122         0         %100           54         M51C         Z         -5.267         -5.267         0         %100           55         M52A         X         -9.122         -9.122         0         %100           56         M52A         Z         -5.267         -5.267         0         %100							
46         M42         Z         -7.879         -7.879         0         %100           47         M43A         X         -4.633         -4.633         0         %100           48         M43A         Z         -2.675         -2.675         0         %100           49         M45         X         -4.88         -4.88         0         %100           50         M45         Z         -2.817         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         %100           53         M51C         X         -9.122         -9.122         0         %100           54         M51C         Z         -5.267         -5.267         0         %100           55         M52A         X         -9.122         -9.122         0         %100           56         M52A         Z         -5.267         -5.267         0         %100							
47       M43A       X       -4.633       -4.633       0       %100         48       M43A       Z       -2.675       -2.675       0       %100         49       M45       X       -4.88       -4.88       0       %100         50       M45       Z       -2.817       0       %100         51       M50A       X       0       0       0       %100         52       M50A       Z       0       0       0       %100         53       M51C       X       -9.122       -9.122       0       %100         54       M51C       Z       -5.267       -5.267       0       %100         55       M52A       X       -9.122       -9.122       0       %100         56       M52A       Z       -5.267       -5.267       0       %100			X				
48         M43A         Z         -2.675         -2.675         0         %100           49         M45         X         -4.88         -4.88         0         %100           50         M45         Z         -2.817         -2.817         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         %100           53         M51C         X         -9.122         -9.122         0         %100           54         M51C         Z         -5.267         -5.267         0         %100           55         M52A         X         -9.122         -9.122         0         %100           56         M52A         Z         -5.267         -5.267         0         %100							
49       M45       X       -4.88       -4.88       0       %100         50       M45       Z       -2.817       0       %100         51       M50A       X       0       0       0       %100         52       M50A       Z       0       0       0       %100         53       M51C       X       -9.122       -9.122       0       %100         54       M51C       Z       -5.267       -5.267       0       %100         55       M52A       X       -9.122       -9.122       0       %100         56       M52A       Z       -5.267       -5.267       0       %100							
50         M45         Z         -2.817         -2.817         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X         -9.122         -9.122         0         %100           54         M51C         Z         -5.267         -5.267         0         %100           55         M52A         X         -9.122         -9.122         0         %100           56         M52A         Z         -5.267         -5.267         0         %100							
51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X         -9.122         -9.122         0         %100           54         M51C         Z         -5.267         -5.267         0         %100           55         M52A         X         -9.122         -9.122         0         %100           56         M52A         Z         -5.267         -5.267         0         %100			X				
52         M50A         Z         0         0         0         %100           53         M51C         X         -9.122         -9.122         0         %100           54         M51C         Z         -5.267         -5.267         0         %100           55         M52A         X         -9.122         -9.122         0         %100           56         M52A         Z         -5.267         -5.267         0         %100							
53         M51C         X         -9.122         -9.122         0         %100           54         M51C         Z         -5.267         -5.267         0         %100           55         M52A         X         -9.122         -9.122         0         %100           56         M52A         Z         -5.267         -5.267         0         %100			X				
54         M51C         Z         -5.267         -5.267         0         %100           55         M52A         X         -9.122         -9.122         0         %100           56         M52A         Z         -5.267         -5.267         0         %100				•	-		
55         M52A         X         -9.122         -9.122         0         %100           56         M52A         Z         -5.267         -5.267         0         %100							
56 M52A Z -5.267 -5.267 0 %100							
			X				
57 M53 X -18.195 -18.195 0 %100							
	57	<u>M53</u>	<u> </u>	-18.195	-18.195	0	<u>%100</u>

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

	Mambaulahal					Frallocation [ft 0/1
58	Member Label M53	Direction Z	-10.505	.End Magnitude[lb/ft,F -10.505	0	End Location[ft,%] %100
59	M56	X	-2.526	-2.526	0	%100 %100
60	M56	Z	-1.458	-1.458	0	%100 %100
61	M57	X	-2.526	-2.526	0	%100 %100
62	M57	Z	-1.458	-1.458	0	%100 %100
63	M61	X	0	0	0	%100 %100
64	M61	Z	0	0	0	%100 %100
65	M62	X	-4.633	-4.633	0	%100
66	M62	Z	-2.675	-2.675	0	%100
67	M64	X	-4.88	-4.88	0	%100
68	M64	Z	-2.817	-2.817	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	-4.633	-4.633	0	%100
72	M67	Z	-2.675	-2.675	0	%100
73	M69	X	-4.88	-4.88	0	%100
74	M69	Z	-2.817	-2.817	0	%100
75	M74	X	-2.653	-2.653	0	%100
76	M74	Z	-1.532	-1.532	0	%100
77	M75	Х	-10.614	-10.614	0	%100
78	M75	Z	-6.128	-6.128	0	%100
79	M79B	X	-1.801	-1.801	0	%100
80	M79B	Z	-1.04	-1.04	0	%100
81	M77A	X	-1.801	-1.801	0	%100
82	M77A	Z	-1.04	-1.04	0	%100
83	M78	X	-7.202	-7.202	0	%100
84	M78	Z	-4.158	-4.158	0	%100
85	MP5A	X	-7.202	-7.202	0	%100
86	MP5A	Z	-4.158	-4.158	0	%100
87	MP4A	X	-7.202	-7.202	0	%100
88	MP4A	Z	-4.158	-4.158	0	%100
89	MP2A	X	-7.202	-7.202	0	%100
90	MP2A	Z	-4.158	-4.158	0	%100
91	MP1A	X	-7.202	-7.202	0	%100
92	MP1A	Z	-4.158	-4.158	0	%100
93	MP3A	X	-8.718	-8.718	0	%100
94	MP3A	Z	-5.034	-5.034	0	%100
95	MP5C	X	-7.202	-7.202	0	%100
96	MP5C	Z	-4.158	-4.158	0	%100
97	MP4C	X	-7.202	-7.202	0	%100 %100
98	MP4C	Z	<u>-4.158</u>	<u>-4.158</u>	0	%100 %100
99	MP2C	X	-7.202 4.159	-7.202 4.459	0	%100 %100
100	MP2C MP1C	Z	-4.158 -7.202	-4.158 -7.202	0	%100 %100
101	MP1C MP1C	X Z	-7.202 -4.158	-4.158	0	%100 %100
102	MP3C	X	-8.718	-4.156 -8.718	0	%100 %100
103	MP3C MP3C	Z	-5.034	-5.034	0	%100 %100
105	MP5B	X	-5.034 -7.202	-7.202	0	%100 %100
106	MP5B	Z	-4.158	-7.202 -4.158	0	%100 %100
107	MP4B	X	-7.202	-7.202	0	%100 %100
108	MP4B	Z	-4.158	-4.158	0	%100 %100
109	MP2B	X	-7.202	-7.202	0	%100 %100
110	MP2B	Z	-4.158	-4.158	0	%100 %100
111	MP1B		-7.202	-7.202	0	%100 %100
112	MP1B	X Z	-4.158	-4.158	0	%100 %100
113	MP3B	X	-8.718	-8.718	0	%100 %100
114	MP3B	Z	-5.034	-5.034	0	%100 %100
	WII OD	_	0.004	U.UU T		70100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
115	M130	X	-1.269	-1.269	0	%100
116	M130	Ζ	732	732	0	%100
117	M131	Χ	-1.269	-1.269	0	%100
118	M131	Ζ	732	732	0	%100
119	M134	X	-5.074	-5.074	0	%100
120	M134	Ζ	-2.93	-2.93	0	%100
121	OVP	X	-6.563	-6.563	0	%100
122	OVP	Z	-3.789	-3.789	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.596	-4.596	0	%100
2	M1	Z	-7.96	-7.96	0	%100
3	M4	X	-1.556	-1.556	0	%100
4	M4	Z	-2.695	-2.695	0	%100
5	M10	X	-3.95	-3.95	0	%100
6	M10	Z	-6.842	-6.842	0	%100
7	M43	X	-3.95	-3.95	0	%100
8	M43	Z	-6.842	-6.842	0	%100
9	M46	X	-7.879	-7.879	0	%100
10	M46	Z	-13.646	-13.646	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-4.375	-4.375	0	%100
14	M52B	Z	-7.578	-7.578	0	%100
15	M76	X	-2.626	-2.626	0	%100
16	M76	Z	-4.549	-4.549	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-2.626	-2.626	0	%100
22	M84	Z	-4.549	-4.549	0	%100
23	M85	X	-8.025	-8.025	0	%100
24	M85	Z	-13.899	-13.899	0	%100
25	M91	X	-8.452	-8.452	0	%100
26	M91	Z	-14.639	-14.639	0	%100
27	M26	X	-6.224	-6.224	0	%100
28	M26	Z	-10.78	-10.78	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M32	X	-4.375	-4.375	0	%100
36	M32	Z	-7.578	-7.578	0	%100
37	M33	X	-4.375	-4.375	0	%100
38	M33	Z	-7.578	-7.578	0	%100
39	M37	X	-10.505	-10.505	0	%100
40	M37	Z	-18.195	-18.195	0	%100
41	M38	X	-8.025	-8.025	0	%100
42	M38	Z	-13.899	-13.899	0	%100
43	M40	X	-8.452	-8.452	0	%100
44	M40	Z	-14.639	-14.639	0	%100
45	M42	X	-10.505	-10.505	0	%100

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

Member Label         Direction         Start Magnitude[lb/ft, End Magnitude[lb/ft,F Start Location[ft,%]           46         M42         Z         -18.195         -18.195         0           47         M43A         X         -8.025         -8.025         0           48         M43A         Z         -13.899         -13.899         0           49         M45         X         -8.452         -8.452         0           50         M45         Z         -14.639         -14.639         0           51         M50A         X         -1.556         0         0           52         M50A         X         -1.556         0         0           52         M50A         Z         -2.695         -2.695         0           53         M51C         X         -3.95         0         0           54         M51C         Z         -6.842         -6.842         0         0           55         M52A         X         -3.95         0         0         0         0           56         M52A         Z         -6.842         -6.842         0         0         0           57 <t< th=""><th>End Location[ft,%]</th></t<>	End Location[ft,%]
47         M43A         X         -8.025         -8.025         0           48         M43A         Z         -13.899         -13.899         0           49         M45         X         -8.452         -8.452         0           50         M45         Z         -14.639         -14.639         0           51         M50A         X         -1.556         -1.556         0           52         M50A         Z         -2.695         -2.695         0           53         M51C         X         -3.95         -3.95         0           54         M51C         Z         -6.842         -6.842         0           55         M52A         X         -3.95         -3.95         0           56         M52A         Z         -6.842         -6.842         0           57         M53         X         -7.879         -7.879         0           58         M53         Z         -13.646         -13.646         0	
48         M43A         Z         -13.899         -13.899         0           49         M45         X         -8.452         -8.452         0           50         M45         Z         -14.639         -14.639         0           51         M50A         X         -1.556         -1.556         0           52         M50A         Z         -2.695         -2.695         0           53         M51C         X         -3.95         -3.95         0           54         M51C         Z         -6.842         -6.842         0           55         M52A         X         -3.95         -3.95         0           56         M52A         Z         -6.842         -6.842         0           57         M53         X         -7.879         -7.879         0           58         M53         Z         -13.646         -13.646         0	%100
49       M45       X       -8.452       -8.452       0         50       M45       Z       -14.639       -14.639       0         51       M50A       X       -1.556       -1.556       0         52       M50A       Z       -2.695       -2.695       0         53       M51C       X       -3.95       -3.95       0         54       M51C       Z       -6.842       -6.842       0         55       M52A       X       -3.95       -3.95       0         56       M52A       Z       -6.842       -6.842       0         57       M53       X       -7.879       -7.879       0         58       M53       Z       -13.646       -13.646       0	%100
50         M45         Z         -14.639         -14.639         0           51         M50A         X         -1.556         -1.556         0           52         M50A         Z         -2.695         -2.695         0           53         M51C         X         -3.95         -3.95         0           54         M51C         Z         -6.842         -6.842         0           55         M52A         X         -3.95         -3.95         0           56         M52A         Z         -6.842         -6.842         0           57         M53         X         -7.879         -7.879         0           58         M53         Z         -13.646         -13.646         0	%100
51         M50A         X         -1.556         -1.556         0           52         M50A         Z         -2.695         -2.695         0           53         M51C         X         -3.95         -3.95         0           54         M51C         Z         -6.842         -6.842         0           55         M52A         X         -3.95         -3.95         0           56         M52A         Z         -6.842         -6.842         0           57         M53         X         -7.879         -7.879         0           58         M53         Z         -13.646         -13.646         0	%100
52         M50A         Z         -2.695         -2.695         0           53         M51C         X         -3.95         -3.95         0           54         M51C         Z         -6.842         -6.842         0           55         M52A         X         -3.95         -3.95         0           56         M52A         Z         -6.842         -6.842         0           57         M53         X         -7.879         -7.879         0           58         M53         Z         -13.646         -13.646         0	%100
53         M51C         X         -3.95         -3.95         0           54         M51C         Z         -6.842         -6.842         0           55         M52A         X         -3.95         -3.95         0           56         M52A         Z         -6.842         -6.842         0           57         M53         X         -7.879         -7.879         0           58         M53         Z         -13.646         -13.646         0	%100
54         M51C         Z         -6.842         -6.842         0           55         M52A         X         -3.95         -3.95         0           56         M52A         Z         -6.842         -6.842         0           57         M53         X         -7.879         -7.879         0           58         M53         Z         -13.646         -13.646         0	%100
55     M52A     X     -3.95     -3.95     0       56     M52A     Z     -6.842     -6.842     0       57     M53     X     -7.879     -7.879     0       58     M53     Z     -13.646     -13.646     0	%100
56         M52A         Z         -6.842         -6.842         0           57         M53         X         -7.879         -7.879         0           58         M53         Z         -13.646         -13.646         0	%100
57         M53         X         -7.879         -7.879         0           58         M53         Z         -13.646         -13.646         0	%100
58 M53 Z -13.646 -13.646 0	%100
	%100
	%100
59 M56 X -4.375 -4.375 0	%100
60 M56 Z -7.578 -7.578 0	%100
61 M57 X 0 0 0	%100
62 M57 Z 0 0 0	%100
63 M61 X -2.626 -2.626 0	%100
64 M61 Z -4.549 0	%100
65 M62 X -8.025 -8.025 0	%100
66 M62 Z -13.899 -13.899 0	%100
67 M64 X -8.452 -8.452 0	%100 %100
68 M64 Z -14.639 -14.639 0	%100 %100
69 M66 X -2.626 -2.626 0	%100 %100
70 M66 Z -4.549 -4.549 0	%100 %100
70 M60 2 -4.549 0 0 0	%100 %100
71 N07 X 0 0 0 0 72 72 N67 Z 0 0 0 0	%100 %100
72 N67 2 0 0 0 0 73 M69 X 0 0 0	%100 %100
73 M69 X 0 0 0 0 74 M69 Z 0 0 0 0	%100 %100
74 M69 Z 0 0 0 0 75 M74 X 0 0 0	%100 %100
	%100 %100
	%100
78 M75 Z -7.96 0	%100 %100
79         M79B         X         -3.119         0           80         M79B         Z         -5.402         -5.402         0	%100
	%100
81 M77A X 0 0 0	%100
82 M77A Z 0 0 0	%100
83 M78 X -3.119 0	%100
84 M78 Z -5.402 -5.402 0	%100
85 MP5A X -4.158 -4.158 0	%100
86 MP5A Z -7.202 -7.202 0	%100
87 MP4A X -4.158 -4.158 0	%100
88 MP4A Z -7.202 -7.202 0	%100
89         MP2A         X         -4.158         -4.158         0           90         MP2A         Z         -7.202         -7.202         0	%100
	%100
91 MP1A X -4.158 -4.158 0	%100
92 MP1A Z -7.202 -7.202 0	%100
93 MP3A X -5.034 0	%100
94 MP3A Z -8.718 0	%100
95 MP5C X -4.158 -4.158 0	%100
96 MP5C Z -7.202 -7.202 0	%100
97 MP4C X -4.158 -4.158 0	%100
98 MP4C Z -7.202 -7.202 0	%100
99 MP2C X -4.158 -4.158 0	%100
100 MP2C Z -7.202 -7.202 0	%100
101 MP1C X -4.158 0	%100
102 MP1C Z -7.202 -7.202 0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
103	MP3C	X	-5.034	-5.034	0	%100
104	MP3C	Z	-8.718	-8.718	0	%100
105	MP5B	X	-4.158	-4.158	0	%100
106	MP5B	Z	-7.202	-7.202	0	%100
107	MP4B	X	-4.158	-4.158	0	%100
108	MP4B	Z	-7.202	-7.202	0	%100
109	MP2B	X	-4.158	-4.158	0	%100
110	MP2B	Z	-7.202	-7.202	0	%100
111	MP1B	X	-4.158	-4.158	0	%100
112	MP1B	Z	-7.202	-7.202	0	%100
113	MP3B	X	-5.034	-5.034	0	%100
114	MP3B	Z	-8.718	-8.718	0	%100
115	M130	X	-2.197	-2.197	0	%100
116	M130	Z	-3.806	-3.806	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	0	0	0	%100
119	M134	X	-2.197	-2.197	0	%100
120	M134	Z	-3.806	-3.806	0	%100
121	OVP	X	-3.789	-3.789	0	%100
122	OVP	Z	-6.563	-6.563	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-3.551	-3.551	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	Х	0	0	0	%100
6	M10	Z	-2.914	-2.914	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-2.914	-2.914	0	%100
9	M46	Х	0	0	0	%100
10	M46	Z	-4.551	-4.551	0	%100
11	M51B	Х	0	0	0	%100
12	M51B	Z	838	838	0	%100
13	M52B	Χ	0	0	0	%100
14	M52B	Z	838	838	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	Х	0	0	0	%100
18	M77	Z	-1.136	-1.136	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-1.186	-1.186	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-1.136	-1.136	0	%100
25	M91	Х	0	0	0	%100
26	M91	Z	-1.186	-1.186	0	%100
27	M26	Х	0	0	0	%100
28	M26	Z	-2.688	-2.688	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	728	728	0	%100
31	M28	Х	0	0	0	%100
32	M28	Z	728	728	0	%100
33	M29	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
34	M29	Z	-1.138	-1.138	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	838	838	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	-3.352	-3.352	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	-3.358	-3.358	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	-1.136	-1.136	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-1.186	-1.186	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	-3.358	-3.358	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	-4.545	-4.545	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	-4.743	-4.743	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	-2.688	-2.688	0	%100
53	M51C	X	0	0	0	%100
54	<u>M51C</u>	Z	728	728	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	728	728	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-1.138	-1.138	0	%100
59	M56	X	0	0	0	%100
60	<u>M56</u>	Z	-3.352	-3.352	0	%100
61	<u>M57</u>	X	0	0	0	%100
62	M57	Z	838	838	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	-3.358	-3.358	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	-4.545	-4.545	0	%100
67	M64	X Z	0	0 -4.743	0	%100 %100
68	M64		-4.743 0		0	
69	M66	X	-3.358	0	0	%100 %400
70	<u>M66</u> M67	Z X	-3.358	-3.358 0	0	%100 %100
72	M67	Z	-1.136	-1.136	0	%100 %100
73	M69	X	-1.130	-1.130	0	%100 %100
74	M69	Z	-1.186	-1.186	0	%100 %100
75	M74	X	-1.100	-1.100	0	%100 %100
76	M74	Z	888	888	0	%100 %100
77	M75	X	<del>000</del>	000	0	%100 %100
78	M75	Z	888	888	0	%100 %100
79	M79B	X	000	888	0	%100 %100
80	M79B	Z	-2.867	-2.867	0	%100 %100
81	M77A	X	0	0	0	%100 %100
82	M77A	Z	717	717	0	%100 %100
83	M78	X	0	0	0	%100 %100
84	M78	Z	717	717	0	%100 %100
85	MP5A	X	0	0	0	%100 %100
86	MP5A	Z	-2.867	-2.867	0	%100 %100
87	MP4A	X	0	0	0	%100 %100
88	MP4A	Z	-2.867	-2.867	0	%100 %100
89	MP2A	X	0	0	0	%100
90	MP2A	Z	-2.867	-2.867	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
91	MP1A	X	0	0	0	%100
92	MP1A	Z	-2.867	-2.867	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	-3.171	-3.171	0	%100
95	MP5C	X	0	0	0	%100
96	MP5C	Z	-2.867	-2.867	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	-2.867	-2.867	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	-2.867	-2.867	0	%100
101	MP1C	X	0	0	0	%100
102	MP1C	Z	-2.867	-2.867	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	-3.171	-3.171	0	%100
105	MP5B	X	0	0	0	%100
106	MP5B	Z	-2.867	-2.867	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	-2.867	-2.867	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	-2.867	-2.867	0	%100
111	MP1B	X	0	0	0	%100
112	MP1B	Z	-2.867	-2.867	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-3.171	-3.171	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	-2.023	-2.023	0	%100
117	M131	Х	0	0	0	%100
118	M131	Z	506	506	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	506	506	0	%100
121	OVP	Χ	0	0	0	%100
122	OVP	Z	-2.62	-2.62	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.332	1.332	0	%100
2	M1	Z	-2.306	-2.306	0	%100
3	M4	X	.448	.448	0	%100
4	M4	Z	776	776	0	%100
5	M10	X	1.093	1.093	0	%100
6	M10	Z	-1.893	-1.893	0	%100
7	M43	X	1.093	1.093	0	%100
8	M43	Z	-1.893	-1.893	0	%100
9	M46	X	1.707	1.707	0	%100
10	M46	Z	-2.956	-2.956	0	%100
11	M51B	X	1.257	1.257	0	%100
12	M51B	Z	-2.177	-2.177	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	.56	.56	0	%100
16	M76	Z	969	969	0	%100
17	M77	X	1.704	1.704	0	%100
18	M77	Z	-2.952	-2.952	0	%100
19	M80	X	1.779	1.779	0	%100
20	M80	Z	-3.081	-3.081	0	%100
21	M84	X	.56	.56	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
79	M79B	X	1.075	1.075	0	%100
80	M79B	Z	-1.862	-1.862	0	%100
81	M77A	Χ	1.075	1.075	0	%100
82	M77A	Z	-1.862	-1.862	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	1.434	1.434	0	%100
86	MP5A	Z	-2.483	-2.483	0	%100
87	MP4A	X	1.434	1.434	0	%100
88	MP4A	Z	-2.483	-2.483	0	%100
89	MP2A	X	1.434	1.434	0	%100
90	MP2A	Z	-2.483	-2.483	0	%100
91	MP1A	Χ	1.434	1.434	0	%100
92	MP1A	Z	-2.483	-2.483	0	%100
93	MP3A	X	1.586	1.586	0	%100
94	MP3A	Z	-2.746	-2.746	0	%100
95	MP5C	X	1.434	1.434	0	%100
96	MP5C	Z	-2.483	-2.483	0	%100
97	MP4C	X	1.434	1.434	0	%100
98	MP4C	Z	-2.483	-2.483	0	%100
99	MP2C	Χ	1.434	1.434	0	%100
100	MP2C	Z	-2.483	-2.483	0	%100
101	MP1C	Х	1.434	1.434	0	%100
102	MP1C	Z	-2.483	-2.483	0	%100
103	MP3C	Х	1.586	1.586	0	%100
104	MP3C	Z	-2.746	-2.746	0	%100
105	MP5B	Х	1.434	1.434	0	%100
106	MP5B	Z	-2.483	-2.483	0	%100
107	MP4B	X	1.434	1.434	0	%100
108	MP4B	Z	-2.483	-2.483	0	%100
109	MP2B	Х	1.434	1.434	0	%100
110	MP2B	Z	-2.483	-2.483	0	%100
111	MP1B	Х	1.434	1.434	0	%100
112	MP1B	Z	-2.483	-2.483	0	%100
113	MP3B	Χ	1.586	1.586	0	%100
114	MP3B	Z	-2.746	-2.746	0	%100
115	M130	Χ	.759	.759	0	%100
116	M130	Z	-1.314	-1.314	0	%100
117	M131	Χ	.759	.759	0	%100
118	M131	Z	-1.314	-1.314	0	%100
119	M134	Χ	0	0	0	%100
120	M134	Z	0	0	0	%100
121	OVP	Х	1.31	1.31	0	%100
122	OVP	Z	-2.269	-2.269	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	.769	.769	0	%100
2	M1	Z	444	444	0	%100
3	M4	X	2.328	2.328	0	%100
4	M4	Z	-1.344	-1.344	0	%100
5	M10	X	.631	.631	0	%100
6	M10	Z	364	364	0	%100
7	M43	X	.631	.631	0	%100
8	M43	Z	364	364	0	%100
9	M46	Χ	.985	.985	0	%100

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

		•	Ot the it to it.			
10	Member Label	Direction Z		.End Magnitude[lb/ft,F	_	End Location[ft,%]
10	<u>M46</u> M51B	X	569 2.903	569 2.903	0	%100 %100
12						
	M51B	Z	-1.676	-1.676	0	%100 %100
13	M52B M52B	X Z	.726	.726	0	%100 %400
14			419	419	0	%100
15	M76	X Z	2.908	2.908	0	%100
16	M76		-1.679	-1.679	0	%100 %400
17	M77	X	3.936	3.936	0	%100 %400
18	M77	Z	-2.273	-2.273	0	%100 %400
19	M80	X Z	4.108	4.108	0	%100 %100
20	M80	X	-2.372	-2.372	0	
22	M84		2.908	2.908	0	%100 %100
23	M84	Z	-1.679	-1.679	0	%100 %100
24	M85 M85	X Z	.984 568	.984 568	0	%100 %100
25	M91	X	1.027	1.027	0	%100 %100
26	M91	Z	593	593	0	%100 %100
						%100 %100
27 28	M26 M26	X Z	0	0	0	%100 %100
29	M27	X	2.523	2.523	0	%100 %100
30	M27	Z	-1.457	-1.457	0	%100 %100
31	M28	X	2.523	2.523	0	%100 %100
32	M28	Z	-1.457	-1.457	0	%100 %100
33	M29	X	3.941	3.941	0	%100 %100
34	M29	Z	-2.276	-2.276	0	%100 %100
35	M32	X	.726	.726	0	%100 %100
36	M32	Z	419	419	0	%100 %100
37	M33	X	.726	.726	0	%100 %100
38	M33	Z	419	419	0	%100 %100
39	M37	X	0	0	0	%100 %100
40	M37	Z	0	0	0	%100 %100
41	M38	X	.984	.984	0	%100 %100
42	M38	Z	568	568	0	%100 %100
43	M40	X	1.027	1.027	0	%100 %100
44	M40	Z	593	593	0	%100 %100
45	M42	X	0	0	0	%100 %100
46	M42	Z	0	0	0	%100 %100
47	M43A	X	.984	.984	0	%100 %100
48	M43A	Z	568	568	0	%100 %100
49	M45	X	1.027	1.027	0	%100 %100
50	M45	Z	593	593	0	%100 %100
51	M50A	X	2.328	2.328	0	%100 %100
52	M50A	Z	-1.344	-1.344	0	%100 %100
53	M51C	X	.631	.631	0	%100 %100
54	M51C	X Z	364	364	0	%100 %100
55	M52A	X	.631	.631	0	%100
56	M52A	Z	364	364	0	%100
57	M53	X	.985	.985	0	%100 %100
58	M53	Z	569	569	0	%100
59	M56	X	.726	.726	0	%100
60	M56	Z	419	419	0	%100
61	M57	X	2.903	2.903	0	%100
62	M57	Z	-1.676	-1.676	0	%100
63	M61	X	2.908	2.908	0	%100
64	M61	Z	-1.679	-1.679	0	%100
65	M62	X	.984	.984	0	%100
66	M62	Z	568	568	0	%100
			.500			

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

68         M64         Z         -593         -593         0         %100           70         M66         Z         -1.679         -1.679         0         %100           71         M67         Z         -2.273         -1.679         0         %100           72         M67         Z         -2.273         -2.273         0         %100           73         M69         X         4.108         4.108         0         %100           74         M69         Z         -2.372         -2.372         0         %100           75         M74         X         3.075         3.075         0         %100           75         M74         Z         -1.775         -1.775         0         %100           79         M765         X         .769         .769         0         %100           77         M75         X         .769         .769         0         %100           79         M78B         X         .621         .621         0         %100           80         M78B         X         .621         .621         0         %100           81         M77A <th></th> <th>Member Label</th> <th>Direction</th> <th></th> <th>.End Magnitude[lb/ft,F</th> <th>. Start Location[ft,%]</th> <th>End Location[ft,%]</th>		Member Label	Direction		.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
Fig.   M66	67	M64	X	1.027	1.027		%100
TO							
T1							
T2						-	
T3						0	
T4	72					0	
T5	73		X	4.108	4.108	0	%100
Tell		M69				0	
T7	75	M74	X	3.075	3.075	0	%100
78         M75         Z         -444         -444         0         %100           80         M79B         X         621         0         %100           81         M77A         X         2.483         2.483         0         %100           81         M77A         X         2.483         2.483         0         %100           82         M77A         Z         -1.434         -1.434         0         %100           83         M78         X         621         621         0         %100           84         M78         Z         -358         -358         0         %100           85         MP5A         X         2.483         2.483         0         %100           86         MP5A         Z         -1.434         -1.434         0         %100           87         MP4A         X         2.483         2.483         0         %100           89         MP2A         X         2.483         2.483         0         %100           89         MP2A         X         2.483         2.483         0         %100 <trr>         91         MP1A         X</trr>	76	M74	Z	-1.775	-1.775	0	%100
Top	77	M75	X	.769	.769	0	%100
Top	78	M75	Z	444	444	0	%100
80         M79B         Z         -358         -358         0         %100           81         M77A         X         2.483         2.483         0         %100           82         M77A         Z         -1.434         -1.434         0         %100           83         M78         X         621         .621         0         %100           84         M78         Z         -358         -358         0         %100           85         MP5A         X         2.483         2.483         0         %100           86         MP5A         X         2.483         2.483         0         %100           87         MP4A         X         2.483         2.483         0         %100           89         MP2A         X         2.483         2.483         0         %100           89         MP2A         X         2.483         2.483         0         %100           90         MP2A         X         2.483         2.483         0         %100           90         MP2A         Z         -1.434         -1.434         0         %100           92         MP1A	79		X	.621		0	
81         M77A         X         2.483         2.483         0         %100           82         M77A         Z         -1.434         -1.434         0         %100           83         M78         X         .621         .621         0         %100           84         M78         Z         -3.58         -3.58         0         %100           85         MP5A         X         2.483         2.483         0         %100           86         MP5A         Z         -1.434         -1.434         0         %100           87         MP4A         X         2.483         2.483         0         %100           88         MP4A         Z         -1.434         -1.434         0         %100           89         MP2A         X         2.483         2.483         0         %100           90         MP2A         Z         -1.434         -1.434         0         %100           91         MP1A         X         2.483         2.483         0         %100           92         MP1A         Z         -1.434         -1.434         0         %100           93							
82         M77A         Z         -1.434         -1.434         0         %100           84         M78         Z         -358         -358         0         %100           85         MP5A         X         2.483         2.483         0         %100           86         MP5A         Z         -1.434         -1.434         0         %100           87         MP4A         X         2.483         2.483         0         %100           88         MP4A         X         2.483         2.483         0         %100           89         MP2A         X         2.483         2.483         0         %100           90         MP2A         X         2.483         2.483         0         %100           90         MP2A         X         2.483         2.483         0         %100           90         MP2A         Z         -1.434         -1.434         0         %100           92         MP1A         X         2.483         2.483         0         %100           93         MP3A         X         2.746         2.746         0         %100           95							
83         M78         X         6621         621         0         %100           84         M78         Z         -358         -358         0         %100           85         MP5A         X         2.483         2.483         0         %100           86         MP5A         Z         -1.434         -1.434         0         %100           88         MP4A         X         2.483         2.483         0         %100           89         MP2A         X         2.483         2.483         0         %100           90         MP2A         X         2.483         2.483         0         %100           91         MP1A         X         2.483         2.483         0         %100           91         MP1A         X         2.483         2.483         0         %100           92         MP1A         X         2.483         2.483         0         %100           93         MP3A         X         2.746         2.746         0         %100           94         MP3A         Z         -1.586         -1.586         0         %100           96         MP							
84         M78         Z        358        358         0         %100           86         MP5A         X         2.483         2.483         0         %100           87         MP4A         X         2.483         2.483         0         %100           88         MP4A         Z         1.434         -1.434         0         %100           89         MP2A         X         2.483         2.483         0         %100           90         MP2A         Z         -1.434         -1.434         0         %100           90         MP2A         Z         -1.434         -1.434         0         %100           90         MP1A         X         2.483         2.483         0         %100           92         MP1A         X         2.483         2.483         0         %100           92         MP1A         Z         -1.434         -1.434         0         %100           93         MP3A         X         2.746         2.746         0         %100           94         MP3A         Z         -1.586         -1.586         0         %100           95							
85         MP5A         X         2.483         2.483         0         %100           86         MP5A         Z         -1.434         -1.434         0         %100           87         MP4A         X         2.483         2.483         0         %100           88         MP4A         Z         -1.434         -1.434         0         %100           90         MP2A         X         2.483         2.483         0         %100           90         MP2A         Z         -1.434         -1.434         0         %100           91         MP1A         X         2.483         2.483         0         %100           91         MP1A         X         2.483         2.483         0         %100           92         MP1A         Z         -1.434         -1.434         0         %100           93         MP3A         X         2.746         2.746         0         %100           94         MP3A         Z         -1.586         -1.586         0         %100           96         MP5C         X         2.483         2.483         0         %100           98			7				
86         MPSA         Z         -1.434         -1.434         0         %100           87         MP4A         X         2.483         2.483         0         %100           88         MPAA         Z         -1.434         -1.434         0         %100           89         MP2A         X         2.483         2.483         0         %100           90         MP2A         Z         -1.434         -1.434         0         %100           91         MP1A         X         2.483         2.483         0         %100           92         MP1A         Z         -1.434         -1.434         0         %100           92         MP1A         Z         -1.434         -1.434         0         %100           93         MP3A         X         2.746         2.746         0         %100           94         MP3A         Z         -1.586         -1.586         0         %100           95         MP5C         X         2.483         2.483         0         %100           97         MP4C         X         2.483         2.483         0         %100           98							
87         MPAA         X         2.483         2.483         0         %100           88         MP4A         Z         -1.434         -1.434         0         %100           89         MP2A         X         2.483         2.483         0         %100           90         MP2A         Z         -1.434         -1.434         0         %100           91         MP1A         X         2.483         2.483         0         %100           92         MP1A         Z         -1.434         -1.434         0         %100           93         MP3A         X         2.746         2.746         0         %100           94         MP3A         X         2.746         2.746         0         %100           95         MP5C         X         2.483         2.483         0         %100           96         MP5C         Z         -1.434         -1.434         0         %100           98         MP4C         X         2.483         2.483         0         %100           98         MP4C         Z         -1.434         -1.434         0         %100           100							
88         MP4A         Z         -1,434         -1,434         0         %100           89         MP2A         X         2,483         2,483         0         %100           90         MP2A         Z         -1,434         -1,434         0         %100           91         MP1A         X         2,483         2,483         0         %100           92         MP1A         Z         -1,434         -1,434         0         %100           93         MP3A         X         2,746         0         %100           94         MP3A         X         2,746         0         %100           95         MP5C         X         2,483         2,483         0         %100           96         MP5C         Z         -1,434         -1,434         0         %100           97         MP4C         X         2,483         2,483         0         %100           99         MP2C         X         2,483         2,483         0         %100           100         MP2C         X         2,483         2,483         0         %100           101         MP1C         X							
89         MP2A         X         2.483         2.483         0         %100           90         MP2A         Z         -1.434         -1.434         0         %6100           91         MP1A         X         2.483         2.483         0         %6100           92         MP1A         Z         -1.434         -1.434         0         %6100           93         MP3A         X         2.746         2.746         0         %6100           94         MP3A         Z         -1.586         -1.586         0         %6100           95         MP5C         X         2.483         2.483         0         %6100           96         MP5C         Z         -1.434         -1.434         0         %6100           98         MP4C         X         2.483         2.483         0         %6100           99         MP2C         X         2.483         2.483         0         %6100           100         MP2C         X         2.483         2.483         0         %6100           101         MP1C         X         2.483         2.483         0         %6100 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
90         MP2A         Z         -1,434         -1,434         0         %100           91         MP1A         X         2,483         2,483         0         %100           92         MP1A         Z         -1,434         -1,434         0         %100           93         MP3A         X         2,746         2,746         0         %100           94         MP3A         Z         -1,586         -1,586         0         %100           95         MP5C         X         2,483         2,483         0         %100           96         MP5C         Z         -1,434         -1,434         0         %100           97         MP4C         X         2,483         2,483         0         %100           98         MP4C         Z         -1,434         -1,434         0         %100           99         MP2C         X         2,483         2,483         0         %100           100         MP2C         Z         -1,434         -1,434         0         %100           101         MP1C         X         2,483         2,483         0         %100           102 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
91         MP1A         X         2.483         2.483         0         %100           92         MP1A         Z         -1.434         -1.434         0         %100           93         MP3A         X         2.746         0         %100           94         MP3A         Z         -1.586         -1.586         0         %100           95         MP5C         X         2.483         2.483         0         %100           96         MP5C         Z         -1.434         -1.434         0         %100           97         MP4C         X         2.483         2.483         0         %100           98         MP4C         Z         -1.434         -1.434         0         %100           99         MP2C         X         2.483         0         %100           100         MP2C         Z         -1.434         -1.434         0         %100           101         MP1C         X         2.483         2.483         0         %100           101         MP1C         X         2.483         2.483         0         %100           103         MP3C         X							
92         MP1A         Z         -1.434         -1.434         0         %100           93         MP3A         X         2.746         2.746         0         %100           94         MP3A         Z         -1.586         -1.586         0         %100           95         MP5C         X         2.483         2.483         0         %100           96         MP5C         Z         -1.434         -1.434         0         %100           97         MP4C         X         2.483         2.483         0         %100           98         MP4C         Z         -1.434         -1.434         0         %100           99         MP2C         X         2.483         2.483         0         %100           100         MP2C         Z         -1.434         -1.434         0         %100           101         MP1C         X         2.483         2.483         0         %100           102         MP1C         Z         -1.434         -1.434         0         %100           103         MP3C         X         2.746         2.746         0         %100           104						-	
93         MP3A         X         2.746         2.746         0         %100           94         MP3A         Z         -1.586         -1.586         0         %100           95         MP5C         X         2.483         2.483         0         %100           96         MP5C         Z         -1.434         -1.434         0         %100           97         MP4C         X         2.483         2.483         0         %100           98         MP4C         Z         -1.434         -1.434         0         %100           99         MP2C         X         2.483         2.483         0         %100           100         MP2C         Z         -1.434         -1.434         0         %100           101         MP1C         X         2.483         2.483         0         %100           101         MP1C         X         2.483         2.483         0         %100           102         MP1C         Z         -1.434         -1.434         0         %100           103         MP3C         X         2.746         2.746         0         %100           104<							
94         MP3A         Z         -1.586         -1.586         0         %100           95         MP5C         X         2.483         2.483         0         %100           96         MP5C         Z         -1.434         -1.434         0         %100           97         MP4C         X         2.483         2.483         0         %100           98         MP4C         Z         -1.434         -1.434         0         %100           99         MP2C         X         2.483         2.483         0         %100           100         MP2C         Z         -1.434         -1.434         0         %100           101         MP1C         X         2.483         2.483         0         %100           102         MP1C         Z         -1.434         -1.434         0         %100           102         MP1C         Z         -1.434         -1.434         0         %100           103         MP3C         X         2.746         0         %100           104         MP3C         Z         -1.586         -1.586         0         %100           105         M							
95         MP5C         X         2.483         2.483         0         %100           96         MP5C         Z         -1.434         -1.434         0         %100           97         MP4C         X         2.483         2.483         0         %100           98         MP4C         Z         -1.434         -1.434         0         %100           99         MP2C         X         2.483         2.483         0         %100           100         MP2C         Z         -1.434         -1.434         0         %100           101         MP1C         X         2.483         2.483         0         %100           101         MP1C         X         2.483         2.483         0         %100           102         MP1C         Z         -1.434         -1.434         0         %100           103         MP3C         X         2.746         2.746         0         %100           104         MP3C         Z         -1.586         -1.586         0         %100           105         MP5B         X         2.483         2.483         0         %100           10			7				
96         MP5C         Z         -1.434         -1.434         0         %100           97         MP4C         X         2.483         2.483         0         %100           98         MP4C         Z         -1.434         -1.434         0         %100           99         MP2C         X         2.483         0         %100           100         MP2C         Z         -1.434         -1.434         0         %100           101         MP1C         X         2.483         2.483         0         %100           101         MP1C         X         2.483         2.483         0         %100           102         MP1C         Z         -1.434         -1.434         0         %100           103         MP3C         X         2.746         2.746         0         %100           103         MP3C         X         2.746         2.746         0         %100           105         MP5B         X         2.483         2.483         0         %100           106         MP5B         Z         -1.434         -1.434         0         %100           107         MP4							
97         MP4C         X         2.483         2.483         0         %100           98         MP4C         Z         -1.434         -1.434         0         %100           99         MP2C         X         2.483         2.483         0         %100           100         MP2C         Z         -1.434         -1.434         0         %100           101         MP1C         X         2.483         2.483         0         %100           102         MP1C         X         2.483         2.483         0         %100           103         MP3C         X         2.746         2.746         0         %100           103         MP3C         X         2.746         2.746         0         %100           104         MP3C         Z         -1.586         -1.586         0         %100           105         MP5B         X         2.483         2.483         0         %100           106         MP5B         Z         -1.434         -1.434         0         %100           107         MP4B         X         2.483         2.483         0         %100           10							
98         MP4C         Z         -1.434         -1.434         0         %100           99         MP2C         X         2.483         2.483         0         %100           100         MP2C         Z         -1.434         -1.434         0         %100           101         MP1C         X         2.483         2.483         0         %100           102         MP1C         Z         -1.434         -1.434         0         %100           103         MP3C         X         2.746         2.746         0         %100           103         MP3C         X         2.746         2.746         0         %100           104         MP3C         Z         -1.586         -1.586         0         %100           105         MP5B         X         2.483         2.483         0         %100           105         MP5B         X         2.483         2.483         0         %100           107         MP4B         X         2.483         2.483         0         %100           109         MP2B         X         2.483         2.483         0         %100           1							
99         MP2C         X         2.483         2.483         0         %100           100         MP2C         Z         -1.434         -1.434         0         %100           101         MP1C         X         2.483         2.483         0         %100           102         MP1C         Z         -1.434         0         %100           103         MP3C         X         2.746         2.746         0         %100           104         MP3C         Z         -1.586         -1.586         0         %100           105         MP5B         X         2.483         2.483         0         %100           106         MP5B         X         2.483         2.483         0         %100           107         MP4B         X         2.483         2.483         0         %100           108         MP4B         X         2.483         2.483         0         %100           109         MP2B         X         2.483         2.483         0         %100           110         MP2B         Z         -1.434         -1.434         0         %100           111         MP1							
100         MP2C         Z         -1.434         -1.434         0         %100           101         MP1C         X         2.483         2.483         0         %100           102         MP1C         Z         -1.434         -1.434         0         %100           103         MP3C         X         2.746         2.746         0         %100           104         MP3C         Z         -1.586         -1.586         0         %100           105         MP5B         X         2.483         2.483         0         %100           106         MP5B         Z         -1.434         -1.434         0         %100           107         MP4B         X         2.483         2.483         0         %100           108         MP4B         Z         -1.434         -1.434         0         %100           109         MP2B         X         2.483         2.483         0         %100           110         MP2B         X         2.483         2.483         0         %100           111         MP1B         X         2.483         2.483         0         %100           <							
101         MP1C         X         2.483         2.483         0         %100           102         MP1C         Z         -1.434         -1.434         0         %100           103         MP3C         X         2.746         2.746         0         %100           104         MP3C         Z         -1.586         -1.586         0         %100           105         MP5B         X         2.483         2.483         0         %100           106         MP5B         Z         -1.434         -1.434         0         %100           107         MP4B         X         2.483         2.483         0         %100           108         MP4B         Z         -1.434         -1.434         0         %100           109         MP2B         X         2.483         2.483         0         %100           110         MP2B         X         2.483         2.483         0         %100           111         MP1B         X         2.483         2.483         0         %100           112         MP1B         Z         -1.434         -1.434         0         %100           <							
102         MP1C         Z         -1.434         -1.434         0         %100           103         MP3C         X         2.746         2.746         0         %100           104         MP3C         Z         -1.586         -1.586         0         %100           105         MP5B         X         2.483         2.483         0         %100           106         MP5B         Z         -1.434         -1.434         0         %100           107         MP4B         X         2.483         2.483         0         %100           108         MP4B         Z         -1.434         -1.434         0         %100           109         MP2B         X         2.483         2.483         0         %100           100         MP2B         Z         -1.434         -1.434         0         %100           110         MP2B         Z         -1.434         -1.434         0         %100           111         MP1B         X         2.483         2.483         0         %100           112         MP1B         Z         -1.434         -1.434         0         %100							
103         MP3C         X         2.746         2.746         0         %100           104         MP3C         Z         -1.586         -1.586         0         %100           105         MP5B         X         2.483         2.483         0         %100           106         MP5B         Z         -1.434         -1.434         0         %100           107         MP4B         X         2.483         2.483         0         %100           108         MP4B         Z         -1.434         -1.434         0         %100           109         MP2B         X         2.483         2.483         0         %100           110         MP2B         Z         -1.434         -1.434         0         %100           111         MP1B         X         2.483         2.483         0         %100           112         MP1B         Z         -1.434         -1.434         0         %100           112         MP1B         Z         -1.434         -1.434         0         %100           113         MP3B         X         2.746         2.746         0         %100							
104         MP3C         Z         -1.586         -1.586         0         %100           105         MP5B         X         2.483         2.483         0         %100           106         MP5B         Z         -1.434         -1.434         0         %100           107         MP4B         X         2.483         2.483         0         %100           108         MP4B         Z         -1.434         -1.434         0         %100           109         MP2B         X         2.483         2.483         0         %100           110         MP2B         X         2.483         2.483         0         %100           111         MP1B         X         2.483         2.483         0         %100           112         MP1B         X         2.483         2.483         0         %100           112         MP1B         X         2.1434         -1.434         0         %100           113         MP3B         X         2.746         2.746         0         %100           114         MP3B         Z         -1.586         -1.586         0         %100           <							
105         MP5B         X         2.483         2.483         0         %100           106         MP5B         Z         -1.434         -1.434         0         %100           107         MP4B         X         2.483         2.483         0         %100           108         MP4B         Z         -1.434         -1.434         0         %100           109         MP2B         X         2.483         2.483         0         %100           110         MP2B         Z         -1.434         -1.434         0         %100           111         MP1B         X         2.483         2.483         0         %100           112         MP1B         X         2.483         2.483         0         %100           112         MP1B         Z         -1.434         -1.434         0         %100           113         MP3B         X         2.746         2.746         0         %100           114         MP3B         Z         -1.586         -1.586         0         %100           115         M130         X         .438         .438         0         %100 <td< td=""><td></td><td></td><td>X 7</td><td></td><td></td><td></td><td></td></td<>			X 7				
106         MP5B         Z         -1.434         -1.434         0         %100           107         MP4B         X         2.483         2.483         0         %100           108         MP4B         Z         -1.434         -1.434         0         %100           109         MP2B         X         2.483         2.483         0         %100           110         MP2B         Z         -1.434         -1.434         0         %100           111         MP1B         X         2.483         2.483         0         %100           112         MP1B         X         2.483         2.483         0         %100           113         MP3B         X         2.746         2.746         0         %100           114         MP3B         X         2.746         2.746         0         %100           115         M130         X         .438         .438         0         %100           116         M130         X         .438         .438         0         %100           118         M131         X         1.752         1.012         0         %100           120 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
107         MP4B         X         2.483         2.483         0         %100           108         MP4B         Z         -1.434         -1.434         0         %100           109         MP2B         X         2.483         2.483         0         %100           110         MP2B         Z         -1.434         -1.434         0         %100           111         MP1B         X         2.483         2.483         0         %100           112         MP1B         Z         -1.434         -1.434         0         %100           113         MP3B         X         2.746         2.746         0         %100           114         MP3B         Z         -1.586         -1.586         0         %100           115         M130         X         .438         .438         0         %100           116         M130         Z        253        253         0         %100           117         M131         X         1.752         1.752         0         %100           118         M131         Z         -1.012         -1.012         0         %100 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
108         MP4B         Z         -1.434         -1.434         0         %100           109         MP2B         X         2.483         2.483         0         %100           110         MP2B         Z         -1.434         -1.434         0         %100           111         MP1B         X         2.483         2.483         0         %100           112         MP1B         Z         -1.434         -1.434         0         %100           113         MP3B         X         2.746         2.746         0         %100           114         MP3B         Z         -1.586         -1.586         0         %100           115         M130         X         .438         .438         0         %100           116         M130         Z        253        253         0         %100           117         M131         X         1.752         1.752         0         %100           118         M131         Z         -1.012         -1.012         0         %100           120         M134         Z        253        253         0         %100 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
109         MP2B         X         2.483         2.483         0         %100           110         MP2B         Z         -1.434         -1.434         0         %100           111         MP1B         X         2.483         2.483         0         %100           112         MP1B         Z         -1.434         -1.434         0         %100           113         MP3B         X         2.746         2.746         0         %100           114         MP3B         Z         -1.586         -1.586         0         %100           115         M130         X         .438         .438         0         %100           116         M130         Z        253        253         0         %100           117         M131         X         1.752         1.752         0         %100           118         M131         Z         -1.012         -1.012         0         %100           120         M134         Z        253        253         0         %100           121         OVP         X         2.269         2.269         0         %100							
110         MP2B         Z         -1.434         -1.434         0         %100           111         MP1B         X         2.483         2.483         0         %100           112         MP1B         Z         -1.434         -1.434         0         %100           113         MP3B         X         2.746         2.746         0         %100           114         MP3B         Z         -1.586         -1.586         0         %100           115         M130         X         .438         .438         0         %100           116         M130         Z        253        253         0         %100           117         M131         X         1.752         1.752         0         %100           118         M131         Z         -1.012         -1.012         0         %100           120         M134         X         .438         .438         0         %100           121         OVP         X         2.269         2.269         0         %100						-	
111         MP1B         X         2.483         2.483         0         %100           112         MP1B         Z         -1.434         -1.434         0         %100           113         MP3B         X         2.746         2.746         0         %100           114         MP3B         Z         -1.586         -1.586         0         %100           115         M130         X         .438         .438         0         %100           116         M130         Z        253        253         0         %100           117         M131         X         1.752         1.752         0         %100           118         M131         Z         -1.012         -1.012         0         %100           119         M134         X         .438         .438         0         %100           120         M134         Z        253        253         0         %100           121         OVP         X         2.269         2.269         0         %100			X				
112         MP1B         Z         -1.434         -1.434         0         %100           113         MP3B         X         2.746         2.746         0         %100           114         MP3B         Z         -1.586         -1.586         0         %100           115         M130         X         .438         .438         0         %100           116         M130         Z        253        253         0         %100           117         M131         X         1.752         1.752         0         %100           118         M131         Z         -1.012         -1.012         0         %100           119         M134         X         .438         .438         0         %100           120         M134         Z        253        253         0         %100           121         OVP         X         2.269         2.269         0         %100							
113         MP3B         X         2.746         2.746         0         %100           114         MP3B         Z         -1.586         -1.586         0         %100           115         M130         X         .438         .438         0         %100           116         M130         Z        253        253         0         %100           117         M131         X         1.752         1.752         0         %100           118         M131         Z         -1.012         -1.012         0         %100           119         M134         X         .438         .438         0         %100           120         M134         Z        253        253         0         %100           121         OVP         X         2.269         2.269         0         %100			X				
114     MP3B     Z     -1.586     0     %100       115     M130     X     .438     .438     0     %100       116     M130     Z    253    253     0     %100       117     M131     X     1.752     1.752     0     %100       118     M131     Z     -1.012     -1.012     0     %100       119     M134     X     .438     .438     0     %100       120     M134     Z    253    253     0     %100       121     OVP     X     2.269     2.269     0     %100							
115     M130     X     .438     .438     0     %100       116     M130     Z    253    253     0     %100       117     M131     X     1.752     1.752     0     %100       118     M131     Z     -1.012     -1.012     0     %100       119     M134     X     .438     .438     0     %100       120     M134     Z    253    253     0     %100       121     OVP     X     2.269     2.269     0     %100			X				
116     M130     Z    253    253     0     %100       117     M131     X     1.752     1.752     0     %100       118     M131     Z     -1.012     -1.012     0     %100       119     M134     X     .438     .438     0     %100       120     M134     Z    253    253     0     %100       121     OVP     X     2.269     2.269     0     %100							
117     M131     X     1.752     1.752     0     %100       118     M131     Z     -1.012     -1.012     0     %100       119     M134     X     .438     .438     0     %100       120     M134     Z    253    253     0     %100       121     OVP     X     2.269     2.269     0     %100			X				
118     M131     Z     -1.012     -1.012     0     %100       119     M134     X     .438     .438     0     %100       120     M134     Z    253    253     0     %100       121     OVP     X     2.269     2.269     0     %100							
119     M134     X     .438     .438     0     %100       120     M134     Z    253    253     0     %100       121     OVP     X     2.269     2.269     0     %100			X				
120         M134         Z        253        253         0         %100           121         OVP         X         2.269         2.269         0         %100							
121 OVP X 2.269 2.269 0 %100			X				
			Z				
				2.269		0	
1101	122	OVP	Z	-1.31	-1.31	0	%100

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

Member Label   Direction   Start Magnitude   Definition   Commission   Commission				. Otractare Wi			
2	4						
3			X			-	
4         M4         Z         0         0         0         %100           5         M10         X         0         0         0         %100           6         M10         Z         0         0         0         %100           7         M43         X         0         0         0         %100           8         M43         Z         0         0         0         %100           10         M46         X         0         0         0         %100           10         M46         Z         0         0         0         %100           11         M51B         X         2.514         0         0         %100           12         M51B         Z         0         0         0         %100           14         M52B         X         2.514         2.514         0         %100           14         M52B         Z         0         0         0         %100           15         M76         X         4.478         4.478         0         %100           16         M76         Z         0         0         0					Ţ		
5         M10         X         0         0         0         %100           7         M43         X         0         0         0         %100           8         M43         X         0         0         0         %100           9         M46         X         0         0         0         %100           10         M46         X         0         0         0         %100           11         M51B         X         2.514         2.514         0         0           12         M51B         X         2.514         2.514         0         %100           13         M52B         X         2.514         2.514         0         %100           14         M52B         X         2.514         2.514         0         %100           16         M76         X         4.478         4.478         0         %100           17         M77         X         3.409         0         0         %100           18         M77         Z         0         0         0         %100           19         M50         X         3.557         3.5				3.584	3.584		
6         M10         Z         0         0         0         %100           7         M43         X         0         0         0         %100           8         M43         Z         0         0         0         %100           10         M46         X         0         0         0         %100           11         M51B         X         2.514         2.514         0         %100           11         M51B         Z         0         0         %100         %100           13         M52B         X         2.514         2.514         0         %6100           14         M52B         X         2.514         2.514         0         %6100           15         M76         X         4.478         4.478         0         %6100           15         M76         X         4.478         4.478         0         %6100           17         M77         X         3.409         3.409         0         %6100           18         M77         Z         0         0         0         %6100           20         M80         X         3.557 <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td>				-			
T				-	•		
8         M43         Z         0         0         0         %100           10         M46         X         0         0         0         %4100           11         M51B         X         2.514         2.514         0         %4100           12         M51B         Z         0         0         0         %4100           13         M52B         X         2.514         2.514         0         %4100           15         M76         X         4.478         4.478         0         %5100           15         M76         X         4.478         4.478         0         %5100           16         M76         Z         0         0         0         %5100           17         M77         X         3.409         3.409         0         %5100           17         M77         X         3.409         3.409         0         %5100           19         M80         X         3.557         3.557         0         %6100           20         M80         Z         0         0         0         %100           21         M84         X <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
9	7	M43	Χ	0	0	0	
10				0	0	0	
11				0			
12	10	M46		•	<u> </u>	0	%100
13	11	M51B	X	2.514	2.514	0	
14         MS2B         Z         0         0         %100           15         M76         X         4.478         4.478         0         %100           16         M76         Z         0         0         0         %100           17         M77         X         3.409         3.409         0         %100           18         M77         Z         0         0         0         %100           19         M80         X         3.557         3.557         0         %100           20         M80         Z         0         0         0         %100           21         M84         X         4.478         4.478         0         %100           21         M84         Z         0         0         0         %100           22         M84         Z         0         0         0         %100           23         M85         X         3.409         3.409         0         %100           24         M85         Z         0         0         0         %100           25         M91         X         3.557         3.557 <td< td=""><td>12</td><td>M51B</td><td>Ζ</td><td>0</td><td>0</td><td>0</td><td>%100</td></td<>	12	M51B	Ζ	0	0	0	%100
14         MS2B         Z         0         0         %100           15         M76         X         4.478         4.478         0         %100           16         M76         Z         0         0         0         %100           17         M77         X         3.409         3.409         0         %100           18         M77         Z         0         0         0         %100           19         M80         X         3.557         3.557         0         %100           20         M80         Z         0         0         0         %100           21         M84         X         4.478         4.478         0         %100           21         M84         Z         0         0         0         %100           22         M84         Z         0         0         0         %100           23         M85         X         3.409         3.409         0         %100           24         M85         Z         0         0         0         %100           25         M91         X         3.557         3.557 <td< td=""><td>13</td><td>M52B</td><td>Χ</td><td>2.514</td><td>2.514</td><td>0</td><td></td></td<>	13	M52B	Χ	2.514	2.514	0	
15						0	
16			Х	4.478	4.478	0	
17			Z			0	
18         M77         Z         0         0         %100           20         M80         X         3.557         3.557         0         %100           21         M84         X         4.478         4.478         0         %100           22         M84         Z         0         0         0         %100           23         M85         X         3.409         3.409         0         %100           24         M85         Z         0         0         0         %100           25         M91         X         3.557         3.557         0         %100           26         M91         Z         0         0         0         %100           26         M91         Z         0         0         0         %100           28         M26         X         8.896         .896         0         %100           28         M26         Z         0         0         0         %100           30         M27         X         2.185         2.185         0         %100           31         M28         X         2.185         2.185				3,409	3.409		
19							
20				3.557	3.557		
21         M84         X         4.478         4.478         0         %100           22         M84         Z         0         0         0         %100           23         M85         X         3.409         3.409         0         %100           24         M85         Z         0         0         0         %100           25         M91         X         3.557         3.557         0         %100           26         M91         Z         0         0         0         %100           26         M91         Z         0         0         0         %100           27         M26         X         .896         .896         0         %100           28         M26         Z         0         0         0         %100           29         M27         X         2.185         2.185         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         2.185         2.185         0         %4100           33         M29         X         3.413         <							
22         M84         Z         0         0         %100           23         M85         X         3.409         3.409         0         %100           24         M85         Z         0         0         0         %100           25         M91         X         3.557         3.557         0         %100           26         M91         Z         0         0         0         %4100           26         M91         Z         0         0         0         %4100           27         M26         X         .896         .896         0         %100           28         M26         Z         0         0         0         %100           29         M27         X         2.185         2.185         0         %4100           30         M27         Z         0         0         0         %100           31         M28         X         2.185         2.185         0         %100           32         M28         Z         0         0         0         %100           33         M29         X         3.413         3.413 <td< td=""><td></td><td></td><td></td><td>4.478</td><td>4.478</td><td></td><td></td></td<>				4.478	4.478		
23         M85         X         3.409         3.409         0         %100           24         M85         Z         0         0         0         %100           25         M91         X         3.557         0         %100           26         M91         Z         0         0         0         %100           27         M26         X         .896         .896         0         %100           28         M26         Z         0         0         0         %100           29         M27         X         2.185         2.185         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         2.185         2.185         0         %100           32         M28         Z         0         0         0         %100           34         M29         X         3.413         3.413         0         %100           35         M32         X         2.514         2.514         0         %100           36         M32         X         2.514         2.514							
24         M85         Z         0         0         %100           25         M91         X         3.557         3.557         0         %100           26         M91         Z         0         0         0         %100           27         M26         X         .896         .896         0         %100           28         M26         Z         0         0         0         %100           28         M26         Z         0         0         0         %100           30         M27         X         2.185         2.185         0         %100           31         M28         X         2.185         2.185         0         %100           31         M28         X         2.185         2.185         0         %100           32         M28         Z         0         0         0         %100           34         M29         X         3.413         3.413         0         %100           35         M32         X         2.514         0         %100         36         M32         X         2.514         0         %100				3 409	3 409		
25         M91         X         3.557         0         %100           26         M91         Z         0         0         %100           27         M26         X         .896         .896         0         %100           28         M26         Z         0         0         0         %100           29         M27         X         2.185         2.185         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         2.185         2.185         0         %100           32         M28         Z         0         0         0         %100           34         M29         X         3.413         3.413         0         %100           34         M29         X         3.413         3.413         0         %100           35         M32         X         2.514         2.514         0         %100           36         M32         X         2.514         2.514         0         %100           37         M33         X         0         0         0							
26         M91         Z         0         0         %100           27         M26         X         .896         .896         0         %100           28         M26         Z         0         0         0         %100           29         M27         X         2.185         2.185         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         2.185         2.185         0         %100           32         M28         Z         0         0         0         %100           33         M29         X         3.413         3.413         0         %100           34         M29         Z         0         0         0         %100           35         M32         X         2.514         2.514         0         %100           36         M32         Z         0         0         0         %100           38         M33         X         0         0         0         %100           38         M33         Z         0         0         0							
27         M26         X         .896         .896         0         %100           28         M26         Z         0         0         0         %100           29         M27         X         2.185         2.185         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         2.185         2.185         0         %100           32         M28         Z         0         0         0         %100           33         M29         X         3.413         3.413         0         %100           34         M29         Z         0         0         0         %100           35         M32         X         2.514         2.514         0         %100           36         M32         Z         0         0         0         %100           37         M33         X         0         0         0         %100           38         M33         Z         0         0         0         %100           40         M37         X         1.119         1.119<							
28         M26         Z         0         0         %100           29         M27         X         2.185         2.185         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         2.185         2.185         0         %100           32         M28         Z         0         0         0         %100           33         M29         X         3.413         3.413         0         %100           34         M29         Z         0         0         0         %100           35         M32         X         2.514         2.514         0         %100           36         M32         Z         0         0         0         %100           37         M33         X         0         0         0         %100           38         M33         Z         0         0         0         %100           39         M37         X         1.119         1.119         0         %100           40         M37         Z         0         0         0							
29   M27							
30				2.185	2.185		
31         M28         X         2.185         2.185         0         %100           32         M28         Z         0         0         0         %100           33         M29         X         3.413         3.413         0         %100           34         M29         Z         0         0         0         %100           35         M32         X         2.514         2.514         0         %100           36         M32         Z         0         0         0         %100           37         M33         X         0         0         0         %100           38         M33         Z         0         0         0         %100           39         M37         X         1.119         1.119         0         %100           40         M37         Z         0         0         0         %100           41         M38         X         3.409         3.409         0         %100           42         M38         Z         0         0         0         %100           43         M40         X         3.557         3.55							
32         M28         Z         0         0         %100           33         M29         X         3.413         3.413         0         %100           34         M29         Z         0         0         0         %100           35         M32         X         2.514         2.514         0         %100           36         M32         Z         0         0         0         %100           37         M33         X         0         0         0         %100           38         M33         Z         0         0         0         %100           39         M37         X         1.119         1.119         0         %100           40         M37         Z         0         0         0         %100           41         M38         X         3.409         3.409         0         %100           42         M38         Z         0         0         0         %100           43         M40         X         3.557         3.557         0         %100           45         M42         X         1.119         1.119				2.185	2.185		
33         M29         X         3.413         3.413         0         %100           34         M29         Z         0         0         0         %100           35         M32         X         2.514         2.514         0         %100           36         M32         Z         0         0         0         %100           37         M33         X         0         0         0         %100           38         M33         Z         0         0         0         %100           39         M37         X         1.119         1.119         0         %100           40         M37         Z         0         0         0         %100           41         M38         X         3.409         0         %100           42         M38         Z         0         0         0         %100           43         M40         X         3.557         3.557         0         %100           44         M40         Z         0         0         0         %100           45         M42         X         1.119         1.119         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
34         M29         Z         0         0         %100           35         M32         X         2.514         2.514         0         %100           36         M32         Z         0         0         0         %100           37         M33         X         0         0         0         %100           38         M33         Z         0         0         0         %100           39         M37         X         1.119         1.119         0         %100           40         M37         Z         0         0         0         %100           41         M38         X         3.409         3.409         0         %100           42         M38         Z         0         0         0         %100           43         M40         X         3.557         3.557         0         %100           44         M40         Z         0         0         0         %100           45         M42         X         1.119         1.119         0         %100           47         M43A         X         0         0         0				3,413	3.413		
35         M32         X         2.514         2.514         0         %100           36         M32         Z         0         0         0         %100           37         M33         X         0         0         0         %100           38         M33         Z         0         0         0         %100           39         M37         X         1.119         1.119         0         %100           40         M37         Z         0         0         0         %100           41         M38         X         3.409         3.409         0         %100           42         M38         Z         0         0         0         %100           43         M40         X         3.557         3.557         0         %100           43         M40         X         3.557         3.557         0         %100           45         M42         X         1.119         1.119         0         %100           46         M42         X         1.119         1.119         0         %100           47         M43A         X         0							
36         M32         Z         0         0         %100           37         M33         X         0         0         0         %100           38         M33         Z         0         0         0         %100           39         M37         X         1.119         1.119         0         %100           40         M37         Z         0         0         0         %100           41         M38         X         3.409         3.409         0         %100           42         M38         Z         0         0         0         %100           43         M40         X         3.557         3.557         0         %100           43         M40         X         3.557         3.557         0         %100           45         M42         X         1.119         1.119         0         %100           45         M42         X         1.119         1.119         0         %100           46         M42         Z         0         0         0         %100           47         M43A         X         0         0 <td< td=""><td></td><td></td><td></td><td>2.514</td><td>2.514</td><td></td><td></td></td<>				2.514	2.514		
37         M33         X         0         0         0         %100           38         M33         Z         0         0         0         %100           39         M37         X         1.119         1.119         0         %100           40         M37         Z         0         0         0         %100           41         M38         X         3.409         3.409         0         %100           42         M38         Z         0         0         0         %100           43         M40         X         3.557         3.557         0         %100           44         M40         Z         0         0         0         %100           45         M42         X         1.119         1.119         0         %100           46         M42         Z         0         0         0         %100           47         M43A         X         0         0         %100           49         M45         X         0         0         %100           49         M45         X         0         0         %100							
38         M33         Z         0         0         %100           39         M37         X         1.119         1.119         0         %100           40         M37         Z         0         0         0         %100           41         M38         X         3.409         3.409         0         %100           42         M38         Z         0         0         0         %100           43         M40         X         3.557         3.557         0         %100           43         M40         Z         0         0         0         %100           45         M42         X         1.119         1.119         0         %100           46         M42         X         1.119         1.119         0         %100           47         M43A         X         0         0         0         %100           48         M43A         Z         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         0				0	0	0	
39         M37         X         1.119         1.119         0         %100           40         M37         Z         0         0         0         %100           41         M38         X         3.409         3.409         0         %100           42         M38         Z         0         0         0         %100           43         M40         X         3.557         3.557         0         %100           44         M40         Z         0         0         0         %100           45         M42         X         1.119         1.119         0         %100           46         M42         X         1.119         1.119         0         %100           47         M43A         X         0         0         0         %100           48         M43A         Z         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         0         %100           51         M50A         X         .896         .8					0		
40         M37         Z         0         0         %100           41         M38         X         3.409         0         %100           42         M38         Z         0         0         0         %100           43         M40         X         3.557         3.557         0         %100           44         M40         Z         0         0         0         %100           45         M42         X         1.119         1.119         0         %100           46         M42         Z         0         0         0         %100           47         M43A         X         0         0         0         %100           48         M43A         Z         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         %100           51         M50A         X         .896         .896         0         %100           52         M50A         X         2.185         0         %100           53				1.119	1.119		
41         M38         X         3.409         0         %100           42         M38         Z         0         0         %100           43         M40         X         3.557         3.557         0         %100           44         M40         Z         0         0         0         %100           45         M42         X         1.119         1.119         0         %100           46         M42         Z         0         0         0         %100           47         M43A         X         0         0         0         %100           48         M43A         Z         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         0         %100           51         M50A         X         .896         .896         0         %100           52         M50A         Z         0         0         %100           53         M51C         X         2.185         2.185         0         %100				i e			
42         M38         Z         0         0         9/100           43         M40         X         3.557         3.557         0         9/100           44         M40         Z         0         0         0         9/100           45         M42         X         1.119         1.119         0         9/100           46         M42         Z         0         0         0         9/100           47         M43A         X         0         0         0         9/100           48         M43A         Z         0         0         0         9/100           49         M45         X         0         0         0         9/100           50         M45         Z         0         0         9/100           51         M50A         X         .896         .896         0         9/100           52         M50A         Z         0         0         9/100           53         M51C         X         2.185         2.185         0         9/100           54         M51C         Z         0         0         9/100         9/100			X	3.409	3.409	0	%100
43         M40         X         3.557         3.557         0         %100           44         M40         Z         0         0         0         %100           45         M42         X         1.119         1.119         0         %100           46         M42         Z         0         0         0         %100           47         M43A         X         0         0         0         %100           48         M43A         Z         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         %100           51         M50A         X         .896         .896         0         %100           51         M50A         X         2.185         2.185         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X         2.185         2.185         0         %100           54         M51C         Z         0         0         0 </td <td></td> <td></td> <td>Z</td> <td></td> <td></td> <td></td> <td></td>			Z				
44       M40       Z       0       0       %100         45       M42       X       1.119       1.119       0       %100         46       M42       Z       0       0       0       %100         47       M43A       X       0       0       0       %100         48       M43A       Z       0       0       0       %100         49       M45       X       0       0       0       %100         50       M45       Z       0       0       0       %100         51       M50A       X       .896       .896       0       %100         52       M50A       Z       0       0       0       %100         53       M51C       X       2.185       2.185       0       %100         54       M51C       Z       0       0       %100         55       M52A       X       2.185       2.185       0       %100         56       M52A       Z       0       0       %100				3.557	3.557		
45       M42       X       1.119       1.119       0       %100         46       M42       Z       0       0       0       %100         47       M43A       X       0       0       0       %100         48       M43A       Z       0       0       0       %100         49       M45       X       0       0       0       %100         50       M45       Z       0       0       0       %100         51       M50A       X       .896       .896       0       %100         52       M50A       Z       0       0       0       %100         53       M51C       X       2.185       2.185       0       %100         54       M51C       Z       0       0       %100         55       M52A       X       2.185       2.185       0       %100         56       M52A       Z       0       0       %100			Z		_		
46       M42       Z       0       0       0       %100         47       M43A       X       0       0       0       %100         48       M43A       Z       0       0       0       %100         49       M45       X       0       0       0       %100         50       M45       Z       0       0       0       %100         51       M50A       X       896       .896       0       %100         52       M50A       Z       0       0       0       %100         53       M51C       X       2.185       2.185       0       %100         54       M51C       Z       0       0       %100         55       M52A       X       2.185       2.185       0       %100         56       M52A       Z       0       0       %100			Х	1.119	1.119	0	
47       M43A       X       0       0       0       %100         48       M43A       Z       0       0       0       %100         49       M45       X       0       0       0       %100         50       M45       Z       0       0       0       %100         51       M50A       X       .896       .896       0       %100         52       M50A       Z       0       0       0       %100         53       M51C       X       2.185       2.185       0       %100         54       M51C       Z       0       0       %100         55       M52A       X       2.185       2.185       0       %100         56       M52A       Z       0       0       %100			Ζ				
48         M43A         Z         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         0         %100           51         M50A         X         .896         .896         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X         2.185         2.185         0         %100           54         M51C         Z         0         0         %100           55         M52A         X         2.185         2.185         0         %100           56         M52A         Z         0         0         %100				0	0		
49       M45       X       0       0       0       %100         50       M45       Z       0       0       0       %100         51       M50A       X       .896       .896       0       %100         52       M50A       Z       0       0       0       %100         53       M51C       X       2.185       2.185       0       %100         54       M51C       Z       0       0       0       %100         55       M52A       X       2.185       2.185       0       %100         56       M52A       Z       0       0       0       %100							
50         M45         Z         0         0         0         %100           51         M50A         X         .896         .896         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X         2.185         2.185         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         2.185         2.185         0         %100           56         M52A         Z         0         0         %100			Χ	0	0		
51         M50A         X         .896         .896         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X         2.185         2.185         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         2.185         2.185         0         %100           56         M52A         Z         0         0         %100			Ζ				
52         M50A         Z         0         0         %100           53         M51C         X         2.185         2.185         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         2.185         2.185         0         %100           56         M52A         Z         0         0         %100	51		X	.896	.896		
53         M51C         X         2.185         2.185         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         2.185         2.185         0         %100           56         M52A         Z         0         0         %100			Z				
54         M51C         Z         0         0         %100           55         M52A         X         2.185         2.185         0         %100           56         M52A         Z         0         0         %100				2.185	2.185	0	
55         M52A         X         2.185         2.185         0         %100           56         M52A         Z         0         0         0         %100			Z	0	0		
56 M52A Z 0 0 0 %100			Х	2.185	2.185		
57 M53 X 3.413 0 %100	56		Ζ	0	0	0	%100
	57	M53	Χ	3.413	3.413	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
58	M53	Z	0	0	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M57	X	2.514	2.514	0	%100
62	M57	Z	0	0	0	%100
63	M61	X	1.119	1.119	0	%100
64	M61	Z	0	0	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	<u>M66</u>	X	1.119	1.119	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	3.409	3.409	0	%100
72	M67	Z	0	0	0	%100
73	M69	X	3.557	3.557	0	%100
74	M69	Z	0	0	0	%100
75	M74	X	2.663	2.663	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	2.663	2.663	0	%100
78	M75	Z	0	0	0	%100 %400
79	M79B	Z	0	0	0	%100 %400
80	M79B	X	0 2.15	0 2.15	0	%100 %100
82	M77A M77A	Z	0	0	0	%100 %100
83	M78	X	2.15	2.15	0	%100 %100
84	M78	Z	2.15	0	0	%100 %100
85	MP5A	X	2.867	2.867	0	%100 %100
86	MP5A	Z	0	0	0	%100 %100
87	MP4A	X	2.867	2.867	0	%100 %100
88	MP4A	Z	0	0	0	%100 %100
89	MP2A	X	2.867	2.867	0	%100 %100
90	MP2A	Z	0	0	0	%100 %100
91	MP1A	X	2.867	2.867	0	%100
92	MP1A	Z	0	0	0	%100 %100
93	MP3A	X	3.171	3.171	0	%100
94	MP3A	Z	0	0	0	%100 %100
95	MP5C	X	2.867	2.867	0	%100
96	MP5C	Z	0	0	0	%100
97	MP4C	X	2.867	2.867	0	%100
98	MP4C	Z	0	0	0	%100
99	MP2C	X	2.867	2.867	0	%100
100	MP2C	Z	0	0	0	%100
101	MP1C	X	2.867	2.867	0	%100
102	MP1C	Z	0	0	0	%100
103	MP3C	X	3.171	3.171	0	%100
104	MP3C	Z	0	0	0	%100
105	MP5B	X	2.867	2.867	0	%100
106	MP5B	Z	0	0	0	%100
107	MP4B	X	2.867	2.867	0	%100
108	MP4B	Z	0	0	0	%100
109	MP2B	X	2.867	2.867	0	%100
110	MP2B	Z	0	0	0	%100
111	MP1B	X	2.867	2.867	0	%100
112	MP1B	Z	0	0	0	%100
113	MP3B	X	3.171	3.171	0	%100
114	MP3B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
115	M130	X	0	0	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	1.518	1.518	0	%100
118	M131	Z	0	0	0	%100
119	M134	X	1.518	1.518	0	%100
120	M134	Z	0	0	0	%100
121	OVP	X	2.62	2.62	0	%100
122	OVP	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	.769	.769	0	%100
2	M1	Z	.444	.444	0	%100
3	M4	X	2.328	2.328	0	%100
4	M4	Z	1.344	1.344	0	%100
5	M10	X	.631	.631	0	%100
6	M10	Z	.364	.364	0	%100
7	M43	X	.631	.631	0	%100
8	M43	Z	.364	.364	0	%100
9	M46	X	.985	.985	0	%100
10	M46	Z	.569	.569	0	%100
11	M51B	X	.726	.726	0	%100
12	M51B	Z	.419	.419	0	%100
13	M52B	X	2.903	2.903	0	%100
14	M52B	Z	1.676	1.676	0	%100
15	M76	X	2.908	2.908	0	%100
16	M76	Z	1.679	1.679	0	%100
17	M77	X	.984	.984	0	%100
18	M77	Z	.568	.568	0	%100
19	M80	X	1.027	1.027	0	%100
20	M80	Z	.593	.593	0	%100
21	M84	X	2.908	2.908	0	%100
22	M84	Z	1.679	1.679	0	%100
23	M85	X	3.936	3.936	0	%100
24	M85	Z	2.273	2.273	0	%100
25	M91	X	4.108	4.108	0	%100
26	M91	Z	2.372	2.372	0	%100
27	M26	X	2.328	2.328	0	%100
28	M26	Z	1.344	1.344	0	%100
29	M27	X	.631	.631	0	%100
30	M27	Z	.364	.364	0	%100
31	M28	X	.631	.631	0	%100
32	M28	Z	.364	.364	0	%100
33	M29	X	.985	.985	0	%100
34	M29	Z	.569	.569	0	%100
35	M32	Х	2.903	2.903	0	%100
36	M32	Z	1.676	1.676	0	%100
37	M33	X	.726	.726	0	%100
38	M33	Z	.419	.419	0	%100
39	M37	Х	2.908	2.908	0	%100
40	M37	Z	1.679	1.679	0	%100
41	M38	X	3.936	3.936	0	%100
42	M38	Z	2.273	2.273	0	%100
43	M40	X	4.108	4.108	0	%100
44	M40	Z	2.372	2.372	0	%100
45	M42	X	2.908	2.908	0	%100

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

47         M43A         X         .984         .984         0         %           48         M43A         Z         .568         .568         0         %           49         M45         X         1.027         1.027         0         %           50         M45         Z         .593         .593         0         %           51         M50A         X         0         0         0         0         %           52         M50A         Z         0         0         0         0         %           52         M50A         Z         0         0         0         %         %           52         M50A         Z         0         0         0         %         %         5         %         %         %         5         M50A         X         2.523         2.523         0         %         %         55         M52A         X         2.523         2.523         0         %         %         56         M52A         X         2.523         2.523         0         %         %         56         M52A         X         2.276         0         %         % <th></th>	
47         M43A         X         .984         .984         0         %           48         M43A         Z         .568         .568         0         %           49         M45         X         1.027         1.027         0         %           50         M45         Z         .593         .593         0         %           51         M50A         X         0         0         0         0         %           52         M50A         X         0         0         0         0         %           52         M50A         Z         0         0         0         %         %           52         M50A         Z         0         0         0         %         %         %         *	
48         M43A         Z         .568         .568         0         %           49         M45         X         1.027         1.027         0         %           50         M45         Z         .593         .593         0         %           51         M50A         X         0         0         0         0         %           52         M50A         Z         0         0         0         0         %           53         M51C         X         2.523         2.523         0         %           54         M51C         Z         1.457         1.457         0         %           54         M51C         Z         1.457         1.457         0         %           55         M52A         X         2.523         2.523         0         %           56         M52A         Z         1.457         1.457         0         %           56         M52A         Z         1.457         1.457         0         %           57         M53         X         3.941         3.941         0         %           58         M52A <t< td=""><td>100</td></t<>	100
49         M45         X         1.027         1.027         0         %           50         M45         Z         .593         .593         0         %           51         M50A         X         0         0         0         0         %           52         M50A         Z         0         0         0         0         %           53         M51C         X         2.523         2.523         0         %           54         M51C         Z         1.457         1.457         0         %           55         M52A         X         2.523         2.523         0         %           56         M52A         Z         1.457         1.457         0         %           56         M52A         Z         1.457         1.457         0         %           57         M53         X         3.941         3.941         0         %           58         M53         Z         2.276         2.276         0         %           59         M56         X         .726         .726         0         %           60         M56         Z	100
50         M45         Z         .593         .593         0         %           51         M50A         X         0         0         0         %           52         M50A         Z         0         0         0         %           53         M51C         X         2.523         2.523         0         %           54         M51C         Z         1.457         1.457         0         %           55         M52A         X         2.523         2.523         0         %           56         M52A         Z         1.457         1.457         0         %           56         M52A         Z         1.457         1.457         0         %           57         M53         X         3.941         3.941         0         %           57         M53         X         3.941         3.941         0         %           58         M53         Z         2.276         2.276         0         %           60         M56         X         .726         .726         0         %           61         M57         X         .726 <t< td=""><td>100</td></t<>	100
51         M50A         X         0         0         0         %           52         M50A         Z         0         0         0         %           53         M51C         X         2.523         2.523         0         %           54         M51C         Z         1.457         1.457         0         %           55         M52A         X         2.523         2.523         0         %           56         M52A         Z         1.457         1.457         0         %           57         M53         X         3.941         3.941         0         %           58         M53         Z         2.276         2.276         0         %           58         M53         Z         2.276         2.276         0         %           59         M56         X         .726         .726         0         %           60         M56         Z         .419         .419         0         %           62         M57         Z         .419         .419         0         %           63         M61         X         0         0 <td>100</td>	100
52         M50A         Z         0         0         %           53         M51C         X         2.523         2.523         0         %           54         M51C         Z         1.457         1.457         0         %           55         M52A         X         2.523         2.523         0         %           56         M52A         Z         1.457         1.457         0         %           57         M53         X         3.941         3.941         0         %           58         M53         Z         2.276         2.276         0         %           59         M56         X         .726         .726         0         %           60         M56         Z         .419         .419         0         %           61         M57         X         .726         .726         0         %           62         M57         Z         .419         .419         0         %           63         M61         X         0         0         0         %           64         M61         Z         0         0         0	100
53         M51C         X         2.523         2.523         0         %           54         M51C         Z         1.457         0         %           55         M52A         X         2.523         2.523         0         %           56         M52A         Z         1.457         0         %           57         M53         X         3.941         3.941         0         %           57         M53         X         3.941         3.941         0         %           58         M53         Z         2.276         2.276         0         %           59         M56         X         .726         .726         0         %           60         M56         Z         .419         .419         0         %           61         M57         X         .726         .726         0         %           62         M57         Z         .419         .419         0         %           63         M61         X         0         0         0         %           64         M61         Z         0         0         0         %	100
54         M51C         Z         1.457         1.457         0         %           55         M52A         X         2.523         2.523         0         %           56         M52A         Z         1.457         1.457         0         %           57         M53         X         3.941         3.941         0         %           58         M53         Z         2.276         2.276         0         %           59         M56         X         .726         .726         0         %           60         M56         Z         .419         .419         0         %           61         M57         X         .726         .726         0         %           62         M57         Z         .419         .419         0         %           63         M61         X         0         0         0         %           64         M61         Z         0         0         0         %           65         M62         X         .984         .984         0         %           66         M62         Z         .568         .568 <td>100</td>	100
55         M52A         X         2.523         2.523         0         %           56         M52A         Z         1.457         1.457         0         %           57         M53         X         3.941         3.941         0         %           58         M53         Z         2.276         0         0         %           59         M56         X         .726         .726         0         %           60         M56         Z         .419         .419         0         %           61         M57         X         .726         .726         0         %           61         M57         X         .726         .726         0         %           62         M57         X         .726         .726         0         %           63         M61         X         0         0         0         %           64         M61         Z         0         0         0         %           65         M62         X         .984         .984         0         %           66         M62         X         .984         .984	100
56         M52A         Z         1.457         1.457         0         %           57         M53         X         3.941         3.941         0         %           58         M53         Z         2.276         2.276         0         %           59         M56         X         .726         .726         0         %           60         M56         Z         .419         .419         0         %           61         M57         X         .726         .726         0         %           61         M57         X         .726         .726         0         %           62         M57         Z         .419         .419         0         %           62         M57         Z         .419         .419         0         %           63         M61         X         0         0         0         %           64         M61         X         0         0         0         %           65         M62         X         .984         .984         0         %           66         M62         Z         .568         .568	100
57         M53         X         3.941         3.941         0         %           58         M53         Z         2.276         2.276         0         %           59         M56         X         .726         .726         0         %           60         M56         Z         .419         .419         0         %           61         M57         X         .726         .726         0         %           62         M57         Z         .419         .419         0         %           62         M57         Z         .419         .419         0         %           63         M61         X         0         0         0         %           64         M61         Z         0         0         0         %           64         M61         Z         0         0         0         %           66         M62         X         .984         .984         0         %           67         M64         X         1.027         1.027         0         %           68         M64         Z         .593         .593 <td< td=""><td>100</td></td<>	100
58         M53         Z         2.276         2.276         0         %           59         M56         X         .726         .726         0         %           60         M56         Z         .419         .419         0         %           61         M57         X         .726         .726         0         %           62         M57         Z         .419         .419         0         %           63         M61         X         0         0         0         0         %           63         M61         X         0         0         0         0         %           64         M61         Z         0         0         0         %         %           65         M62         X         .984         .984         0         %         %           66         M62         Z         .568         .568         0         %	100
59         M56         X         .726         .726         0         %           60         M56         Z         .419         .419         0         %           61         M57         X         .726         .726         0         %           62         M57         Z         .419         .419         0         %           63         M61         X         0         0         0         0         %           64         M61         Z         0         0         0         0         %           65         M62         X         .984         .984         0         %         %           66         M62         Z         .568         .568         0         %	100
59         M56         X         .726         .726         0         %           60         M56         Z         .419         .419         0         %           61         M57         X         .726         .726         0         %           62         M57         Z         .419         .419         0         %           63         M61         X         0         0         0         0         %           64         M61         Z         0         0         0         0         %           65         M62         X         .984         .984         0         %         %           66         M62         Z         .568         .568         0         %	100
60         M56         Z         .419         .419         0         %           61         M57         X         .726         .726         0         %           62         M57         Z         .419         .419         0         %           63         M61         X         0         0         0         %           64         M61         Z         0         0         0         %           65         M62         X         .984         .984         0         %           66         M62         Z         .568         .568         0         %           67         M64         X         1.027         1.027         0         %           68         M64         X         1.027         1.027         0         %           69         M66         X         0         0         0         %         %           70         M66         X         0         0         0         %         %           72         M67         X         .984         .984         0         %           73         M69         X         1.027	100
61         M57         X         .726         .726         0         %           62         M57         Z         .419         .419         0         %           63         M61         X         0         0         0         0         %           64         M61         Z         0         0         0         %         %           65         M62         X         .984         .984         0         %         %           66         M62         Z         .568         .568         0         % <td>100</td>	100
62         M57         Z         .419         .419         0         %           63         M61         X         0         0         0         %           64         M61         Z         0         0         0         %           65         M62         X         .984         .984         0         %           66         M62         Z         .568         .568         0         %           67         M64         X         1.027         1.027         0         %           68         M64         Z         .593         .593         0         %           69         M66         X         0         0         0         %         %           69         M66         X         0         0         0         %         %           70         M66         Z         0         0         0         %         %           71         M67         X         .984         .984         .984         0         %           72         M67         Z         .568         .568         .0         %           73         M69 <t< td=""><td>100</td></t<>	100
63         M61         X         0         0         0         %           64         M61         Z         0         0         0         %           65         M62         X         .984         .984         0         %           66         M62         Z         .568         .568         0         %           67         M64         X         1.027         1.027         0         %           68         M64         Z         .593         .593         0         %           69         M66         X         0         0         0         0         %           70         M66         X         0         0         0         %         %           71         M67         X         .984         .984         0         %           72         M67         Z         .568         .568         0         %           73         M69         X         1.027         1.027         0         %           75         M74         X         .769         .769         0         %           76         M74         X         .769	100
64         M61         Z         0         0         %           65         M62         X         .984         .984         0         %           66         M62         Z         .568         .568         0         %           67         M64         X         1.027         1.027         0         %           68         M64         Z         .593         .593         0         %           69         M66         X         0         0         0         %         %           70         M66         Z         0         0         0         %         %           71         M67         X         .984         .984         0         %           72         M67         Z         .568         .568         0         %           73         M69         X         1.027         1.027         0         %           74         M69         Z         .593         .593         0         %           75         M74         X         .769         .769         0         %           76         M74         Z         .444         .444	100
65         M62         X         .984         .984         0         %           66         M62         Z         .568         .568         0         %           67         M64         X         1.027         1.027         0         %           68         M64         Z         .593         .593         0         %           69         M66         X         0         0         0         %           70         M66         Z         0         0         0         %           71         M67         X         .984         .984         0         %           72         M67         Z         .568         .568         0         %           73         M69         X         1.027         1.027         0         %           74         M69         Z         .593         .593         0         %           75         M74         X         .769         .769         0         %           76         M74         Z         .444         .444         0         %           78         M75         X         3.075         3.075	100
66         M62         Z         .568         .568         0         %           67         M64         X         1.027         1.027         0         %           68         M64         Z         .593         .593         0         %           69         M66         X         0         0         0         0         %           70         M66         Z         0         0         0         %         %           71         M67         X         .984         .984         0         %           72         M67         Z         .568         .568         0         %           73         M69         X         1.027         1.027         0         %           74         M69         Z         .593         .593         0         %           75         M74         X         .769         .769         0         %           76         M74         Z         .444         .444         0         %           77         M75         X         3.075         3.075         0         %           78         M75         Z <td< td=""><td>100</td></td<>	100
67         M64         X         1.027         1.027         0         %           68         M64         Z         .593         .593         0         %           69         M66         X         0         0         0         0         %           70         M66         Z         0         0         0         0         %           71         M67         X         .984         .984         0         %           72         M67         Z         .568         .568         0         %           73         M69         X         1.027         1.027         0         %           74         M69         Z         .593         .593         0         %           75         M74         X         .769         .769         0         %           76         M74         Z         .444         .444         0         %           77         M75         X         3.075         3.075         0         %           78         M75         Z         1.775         1.775         0         %           79         M79B         X	100
68         M64         Z         .593         .593         0         %           69         M66         X         0         0         0         0         %           70         M66         Z         0         0         0         0         %           71         M67         X         .984         .984         0         %           72         M67         Z         .568         .568         0         %           73         M69         X         1.027         1.027         0         %           74         M69         Z         .593         .593         0         %           75         M74         X         .769         .769         0         %           76         M74         Z         .444         .444         0         %           77         M75         X         3.075         3.075         0         %           78         M75         Z         1.775         1.775         0         %           80         M79B         Z         .358         .358         0         %	100
69       M66       X       0       0       0       %         70       M66       Z       0       0       0       %         71       M67       X       .984       .984       0       %         72       M67       Z       .568       .568       0       %         73       M69       X       1.027       1.027       0       %         74       M69       Z       .593       .593       0       %         75       M74       X       .769       .769       0       %         76       M74       Z       .444       .444       0       %         77       M75       X       3.075       3.075       0       %         78       M75       Z       1.775       1.775       0       %         79       M79B       X       .621       .621       0       %         80       M79B       Z       .358       .358       0       %	100
70         M66         Z         0         0         0         %           71         M67         X         .984         .984         0         %           72         M67         Z         .568         .568         0         %           73         M69         X         1.027         1.027         0         %           74         M69         Z         .593         .593         0         %           75         M74         X         .769         .769         0         %           76         M74         Z         .444         .444         0         %           77         M75         X         3.075         3.075         0         %           78         M75         Z         1.775         1.775         0         %           79         M79B         X         .621         .621         0         %           80         M79B         Z         .358         .358         0         %	100
71         M67         X         .984         .984         0         %           72         M67         Z         .568         .568         0         %           73         M69         X         1.027         1.027         0         %           74         M69         Z         .593         .593         0         %           75         M74         X         .769         .769         0         %           76         M74         Z         .444         .444         0         %           77         M75         X         3.075         3.075         0         %           78         M75         Z         1.775         1.775         0         %           79         M79B         X         .621         .621         0         %           80         M79B         Z         .358         .358         0         %	100
72         M67         Z         .568         .568         0         %           73         M69         X         1.027         1.027         0         %           74         M69         Z         .593         .593         0         %           75         M74         X         .769         .769         0         %           76         M74         Z         .444         .444         0         %           77         M75         X         3.075         3.075         0         %           78         M75         Z         1.775         1.775         0         %           79         M79B         X         .621         .621         0         %           80         M79B         Z         .358         .358         0         %	100
73         M69         X         1.027         1.027         0         %           74         M69         Z         .593         .593         0         %           75         M74         X         .769         .769         0         %           76         M74         Z         .444         .444         0         %           77         M75         X         3.075         3.075         0         %           78         M75         Z         1.775         1.775         0         %           79         M79B         X         .621         .621         0         %           80         M79B         Z         .358         .358         0         %	
74     M69     Z     .593     .593     0     %       75     M74     X     .769     .769     0     %       76     M74     Z     .444     .444     0     %       77     M75     X     3.075     3.075     0     %       78     M75     Z     1.775     1.775     0     %       79     M79B     X     .621     .621     0     %       80     M79B     Z     .358     .358     0     %	100
75     M74     X     .769     .769     0     %       76     M74     Z     .444     .444     0     %       77     M75     X     3.075     3.075     0     %       78     M75     Z     1.775     1.775     0     %       79     M79B     X     .621     .621     0     %       80     M79B     Z     .358     .358     0     %	
76         M74         Z         .444         .444         0         %           77         M75         X         3.075         3.075         0         %           78         M75         Z         1.775         1.775         0         %           79         M79B         X         .621         .621         0         %           80         M79B         Z         .358         .358         0         %	
77     M75     X     3.075     3.075     0     %       78     M75     Z     1.775     1.775     0     %       79     M79B     X     .621     .621     0     %       80     M79B     Z     .358     .358     0     %	
78         M75         Z         1.775         1.775         0         %           79         M79B         X         .621         .621         0         %           80         M79B         Z         .358         .358         0         %	
79         M79B         X         .621         .621         0         %           80         M79B         Z         .358         .358         0         %	
80 M79B Z .358 .358 0 %	
80 M/9B Z .358 .358 0 %	100
104 1 117 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100
	100
	100
	100
	100
	100
	100
	100
	100
	100
	100
91 MP1A X 2.483 2.483 0 %	100
	100
	100
	100
95 MP5C X 2.483 2.483 0 %	100
	100
	100
	100
	100
100 MP2C Z 1.434 1.434 0 %	100
	100
102 MP1C Z 1.434 1.434 0 %	100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
103	MP3C	X	2.746	2.746	0	%100
104	MP3C	Ζ	1.586	1.586	0	%100
105	MP5B	X	2.483	2.483	0	%100
106	MP5B	Z	1.434	1.434	0	%100
107	MP4B	X	2.483	2.483	0	%100
108	MP4B	Z	1.434	1.434	0	%100
109	MP2B	X	2.483	2.483	0	%100
110	MP2B	Z	1.434	1.434	0	%100
111	MP1B	X	2.483	2.483	0	%100
112	MP1B	Z	1.434	1.434	0	%100
113	MP3B	X	2.746	2.746	0	%100
114	MP3B	Ζ	1.586	1.586	0	%100
115	M130	X	.438	.438	0	%100
116	M130	Z	.253	.253	0	%100
117	M131	X	.438	.438	0	%100
118	M131	Z	.253	.253	0	%100
119	M134	X	1.752	1.752	0	%100
120	M134	Z	1.012	1.012	0	%100
121	OVP	Χ	2.269	2.269	0	%100
122	OVP	Z	1.31	1.31	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.332	1.332	0	%100
2	M1	Z	2.306	2.306	0	%100
3	M4	X	.448	.448	0	%100
4	M4	Z	.776	.776	0	%100
5	M10	X	1.093	1.093	0	%100
6	M10	Z	1.893	1.893	0	%100
7	M43	Χ	1.093	1.093	0	%100
8	M43	Z	1.893	1.893	0	%100
9	M46	X	1.707	1.707	0	%100
10	M46	Z	2.956	2.956	0	%100
11	M51B	Х	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	Χ	1.257	1.257	0	%100
14	M52B	Z	2.177	2.177	0	%100
15	M76	X	.56	.56	0	%100
16	M76	Z	.969	.969	0	%100
17	M77	Χ	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	.56	.56	0	%100
22	M84	Z	.969	.969	0	%100
23	M85	X	1.704	1.704	0	%100
24	M85	Z	2.952	2.952	0	%100
25	M91	X	1.779	1.779	0	%100
26	M91	Z	3.081	3.081	0	%100
27	M26	X	1.792	1.792	0	%100
28	M26	Z	3.104	3.104	0	%100
29	M27	Х	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
34	M29	Z	0	0	0	%100
35	M32	X	1.257	1.257	0	%100
36	M32	Z	2.177	2.177	0	%100
37	M33	X	1.257	1.257	0	%100
38	M33	Z	2.177	2.177	0	%100
39	M37	X	2.239	2.239	0	%100
40	M37	Z	3.878	3.878	0	%100
41	M38	X	1.704	1.704	0	%100
42	M38	Z	2.952	2.952	0	%100
43	M40	X	1.779	1.779	0	%100
44	M40	Z	3.081	3.081	0	%100
45	M42	X	2.239	2.239	0	%100
46	M42	Z	3.878	3.878	0	%100
47	M43A	X	1.704	1.704	0	%100
48	M43A	Z	2.952	2.952	0	%100
49	M45	X	1.779	1.779	0	%100
50	M45	Z	3.081	3.081	0	%100
51	M50A	X	.448	.448	0	%100
52	M50A	Z	.776	.776	0	%100
53	M51C	X	1.093	1.093	0	%100
54	<u>M51C</u>	Z	1.893	1.893	0	%100
55	M52A	X	1.093	1.093	0	%100
56	<u>M52A</u>	Z	1.893	1.893	0	%100
57	M53	X	1.707	1.707	0	%100
58	M53	Z	2.956	2.956	0	%100
59	<u>M56</u>	X	1.257	1.257	0	%100
60	<u>M56</u>	Z	2.177	2.177	0	%100
61	<u>M57</u>	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	M61	X	.56	.56	0	%100
64	M61	Z	.969	.969	0	%100
65	M62	X	1.704	1.704	0	%100
66	M62	Z	2.952	2.952	0	%100
67	M64	X	1.779	1.779	0	%100
68	M64	Z	3.081	3.081	0	%100
69	M66	X	.56	.56	0	%100
70	M66	Z	.969	.969	0	%100 %400
71	M67	X Z	0	0	0	%100 %100
72	M67	X	0	0	0	%100 %100
73	M69 M69		0	0	0	%100 %100
74 75	<u>М69</u> М74	Z	0	0	0	%100 %100
76	M74	X Z	0	0	0	%100 %100
77	M75	X	1.332	1.332	0	%100 %100
78	M75	Z	2.306	2.306	0	%100 %100
79	M79B	X	1.075	1.075	0	%100 %100
80	M79B	Z	1.862	1.862	0	%100 %100
81	M77A	X	0	0	0	%100 %100
82	M77A	Z	0	0	0	%100 %100
83	M78	X	1.075	1.075	0	%100 %100
84	M78	Z	1.862	1.862	0	%100 %100
85	MP5A	X	1.434	1.434	0	%100 %100
86	MP5A	Z	2.483	2.483	0	%100 %100
87	MP4A	X	1.434	1.434	0	%100 %100
88	MP4A	Z	2.483	2.483	0	%100 %100
89	MP2A	X	1.434	1.434	0	%100 %100
90	MP2A	Z	2.483	2.483	0	%100 %100
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## Member Distributed Loads (BLC 58: Structure Wi (150 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
91	MP1A	X	1.434	1.434	0	%100
92	MP1A	Z	2.483	2.483	0	%100
93	MP3A	X	1.586	1.586	0	%100
94	MP3A	Z	2.746	2.746	0	%100
95	MP5C	Х	1.434	1.434	0	%100
96	MP5C	Z	2.483	2.483	0	%100
97	MP4C	Х	1.434	1.434	0	%100
98	MP4C	Z	2.483	2.483	0	%100
99	MP2C	Х	1.434	1.434	0	%100
100	MP2C	Z	2.483	2.483	0	%100
101	MP1C	X	1.434	1.434	0	%100
102	MP1C	Z	2.483	2.483	0	%100
103	MP3C	Х	1.586	1.586	0	%100
104	MP3C	Z	2.746	2.746	0	%100
105	MP5B	X	1.434	1.434	0	%100
106	MP5B	Z	2.483	2.483	0	%100
107	MP4B	Х	1.434	1.434	0	%100
108	MP4B	Z	2.483	2.483	0	%100
109	MP2B	X	1.434	1.434	0	%100
110	MP2B	Z	2.483	2.483	0	%100
111	MP1B	X	1.434	1.434	0	%100
112	MP1B	Z	2.483	2.483	0	%100
113	MP3B	Х	1.586	1.586	0	%100
114	MP3B	Z	2.746	2.746	0	%100
115	M130	X	.759	.759	0	%100
116	M130	Z	1.314	1.314	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	0	0	0	%100
119	M134	Χ	.759	.759	0	%100
120	M134	Z	1.314	1.314	0	%100
121	OVP	Χ	1.31	1.31	0	%100
122	OVP	Z	2.269	2.269	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	3.551	3.551	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	2.914	2.914	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	2.914	2.914	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	4.551	4.551	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	.838	.838	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	.838	.838	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	1.136	1.136	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	1.186	1.186	0	%100
21	M84	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	1.136	1.136	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	1.186	1.186	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	2.688	2.688	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	.728	.728	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	.728	.728	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	1.138	1.138	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	.838	.838	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	3.352	3.352	0	%100
39	M37	X	0	0	0	%100
40	M37	Z X	3.358	3.358	0	%100 %100
41	M38		0	0	0	%100 %400
42	M38	Z	1.136	1.136	0	%100 %400
43	M40	X Z	0	0	0	%100 %100
44 45	M40 M42	X	1.186 0	1.186 0	0	%100 %100
46	M42	Z	3.358	3.358	0	%100 %100
47	M43A	X	0	0	0	%100 %100
48	M43A	Z	4.545	4.545	0	%100 %100
49	M45	X	4.545	0	0	%100 %100
50	M45	Z	4.743	4.743	0	%100 %100
51	M50A	X	0	0	0	%100 %100
52	M50A	Z	2.688	2.688	0	%100 %100
53	M51C	X	0	0	0	%100 %100
54	M51C	Z	.728	.728	0	%100 %100
55	M52A	X	0	0	0	%100 %100
56	M52A	Z	.728	.728	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	1.138	1.138	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	3.352	3.352	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	.838	.838	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	3.358	3.358	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	4.545	4.545	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	4.743	4.743	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	3.358	3.358	0	%100
71	<u>M67</u>	X	0	0	0	%100
72	M67	Z	1.136	1.136	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	1.186	1.186	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	.888	.888	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	.888	.888	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
79	M79B	X	0	0	0	%100
80	M79B	Z	2.867	2.867	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	.717	.717	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	.717	.717	0	%100
85	MP5A	X	0	0	0	%100
86	MP5A	Z	2.867	2.867	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	2.867	2.867	0	%100
89	MP2A	Х	0	0	0	%100
90	MP2A	Z	2.867	2.867	0	%100
91	MP1A	Χ	0	0	0	%100
92	MP1A	Z	2.867	2.867	0	%100
93	MP3A	Х	0	0	0	%100
94	MP3A	Z	3.171	3.171	0	%100
95	MP5C	X	0	0	0	%100
96	MP5C	Z	2.867	2.867	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	2.867	2.867	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	2.867	2.867	0	%100
101	MP1C	X	0	0	0	%100
102	MP1C	Z	2.867	2.867	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	3.171	3.171	0	%100
105	MP5B	X	0	0	0	%100
106	MP5B	Z	2.867	2.867	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	2.867	2.867	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	2.867	2.867	0	%100
111	MP1B	X	0	0	0	%100
112	MP1B	Z	2.867	2.867	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	3.171	3.171	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	2.023	2.023	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	.506	.506	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	.506	.506	0	%100
121	OVP	X	0	0	0	%100
122	OVP	Z	2.62	2.62	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.332	-1.332	0	%100
2	M1	Z	2.306	2.306	0	%100
3	M4	X	448	448	0	%100
4	M4	Z	.776	.776	0	%100
5	M10	X	-1.093	-1.093	0	%100
6	M10	Z	1.893	1.893	0	%100
7	M43	X	-1.093	-1.093	0	%100
8	M43	Z	1.893	1.893	0	%100
9	M46	Χ	-1.707	-1.707	0	%100

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

10		Member Label	Direction		End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
12	10	M46		2.956	2.956	0	%100
13						-	
14							
15			X				
16							
17						0	
18							
19			X			0	
20						-	
21						0	
22	20	M80	Z	3.081	3.081	0	%100
23	21	M84		56	56	0	%100
24         M85         Z         0         0         0         %100           26         M91         Z         0         0         0         %100           27         M26         X        448        448         0         %100           28         M26         Z         .776         0         %100           29         M27         X         -1.093         -1.093         0         %100           30         M27         Z         1.893         1.093         0         %100           31         M28         X         -1.093         -1.093         0         %100           31         M28         X         -1.093         -1.093         0         %100           32         M28         Z         1.893         1.093         0         %100           33         M29         X         -1.707         -1.707         0         %100           34         M29         Z         2.956         2.956         0         %100           35         M32         X         0         0         0         %100           36         M32         Z         0	22			.969	.969	0	%100
25	23		X	0		0	
26	24	M85	Z	0	0	0	%100
27	25	M91	X	0	0	0	%100
28         M26         Z         .776         .776         .093         0         %100           30         M27         Z         1.893         1.093         0         %100           31         M28         X         -1.093         -1.093         0         %100           32         M28         Z         1.893         1.893         0         %100           33         M29         X         -1.707         -1.707         0         %100           34         M29         Z         2.956         2.956         0         %100           35         M32         X         0         0         0         %100           36         M32         Z         0         0         0         %100           36         M32         Z         0         0         0         %100           38         M33         Z         2.177         2.177         0         %100           38         M33         Z         2.177         2.177         0         %100           40         M37         Z         .969         .969         0         %100           41         M38	26	M91		0	0	0	%100
29	27	M26	X			0	%100
30	28	M26	Z	.776	.776	0	%100
M28	29	M27	X	-1.093	-1.093	0	%100
32	30	M27	Z	1.893	1.893	0	%100
33         M29         X         -1,707         -1,707         0         %100           34         M29         Z         2,956         2,956         0         %100           35         M32         X         0         0         0         %100           36         M32         Z         0         0         0         %100           37         M33         X         -1,257         -1,257         0         %100           39         M37         X         -,56         -,56         0         %100           40         M37         Z         .969         .969         0         %100           40         M37         Z         .969         .969         0         %100           42         M38         X         0         0         0         %100           42         M38         Z         0         0         0         %100           43         M40         X         0         0         0         %100           45         M42         X        56        56         0         %100           46         M42         Z         .969	31	M28	X	-1.093	-1.093	0	%100
33         M29         X         -1.707         -1.707         0         %1100           34         M29         Z         2.956         2.956         0         %1100           35         M32         X         0         0         0         %100           36         M32         Z         0         0         0         %100           37         M33         X         -1.257         -1.257         0         %100           39         M37         X        56        56         0         %100           40         M37         Z         .969         .969         0         %100           41         M38         X         0         0         0         %100           42         M38         Z         0         0         0         %100           43         M40         X         0         0         0         %100           44         M40         Z         0         0         0         %100           45         M42         X        56        56         0         %100           46         M42         Z         .969         <	32	M28		1.893	1.893	0	%100
35		M29	X			0	%100
35	34	M29	Z	2.956	2.956	0	%100
37         M33         X         -1,257         -1,257         0         %100           38         M33         Z         2,177         0         %100           39         M37         X         -,56         -,56         0         %100           40         M37         Z         .969         .969         0         %100           41         M38         X         0         0         0         %100           41         M38         X         0         0         0         %100           42         M38         Z         0         0         0         %100           43         M40         X         0         0         0         %100           44         M40         Z         0         0         0         %100           45         M42         X         -56         -56         0         %100           46         M42         Z         .969         .969         0         %100           47         M43A         X         -1,704         -1,704         0         %100           48         M43A         Z         2.952         2.952	35	M32	Х			0	%100
37         M33         X         -1,257         -1,257         0         %100           38         M33         Z         2,177         0         %100           39         M37         X         -,56         -,56         0         %100           40         M37         Z         ,969         .969         0         %100           41         M38         X         0         0         0         %100           41         M38         X         0         0         0         %100           42         M38         Z         0         0         0         %100           43         M40         X         0         0         0         %100           44         M40         Z         0         0         0         %100           45         M42         X         -56         -56         0         %100           46         M42         Z         .969         .969         0         %100           47         M43A         X         -1,704         -1,704         0         %100           48         M43A         Z         2.952         2.952	36	M32	Z	0	0	0	%100
38         M33         Z         2.177         2.177         0         %100           39         M37         X        56        56         0         %100           40         M37         Z         .969         .969         0         %100           41         M38         X         0         0         0         %100           42         M38         Z         0         0         0         %100           43         M40         X         0         0         0         %100           44         M40         Z         0         0         0         %100           45         M42         X        56        56         0         %100           46         M42         Z         .969         .969         0         %100           48         M43A         X         -1.704         -1.704         0         %100           49         M45         X         -1.779         -1.779         0         %100           50         M45         Z         3.081         3.081         0         %100           51         M50A         X         -1.79		M33		-1.257	-1.257	0	%100
40         M37         Z         .969         .969         0         %100           41         M38         X         0         0         0         %100           42         M38         Z         0         0         0         %100           43         M40         X         0         0         0         %100           44         M40         Z         0         0         0         %100           45         M42         X        56        56         0         %100           45         M42         X        56        56         0         %100           46         M42         Z         969         969         0         %100           47         M43A         X         -1.704         -1.704         0         %100           48         M43A         Z         2.952         2.952         0         %100           49         M45         X         -1.779         -1.779         0         %100           50         M45         Z         3.081         3.081         0         %100           51         M50A         X         -1.792			Z			0	
41         M38         X         0         0         %100           42         M38         Z         0         0         %100           43         M40         X         0         0         %100           44         M40         Z         0         0         %100           45         M42         X        56        56         0         %100           46         M42         Z         .969         .969         0         %100           47         M43A         X         -1.704         -1.704         0         %100           48         M43A         Z         2.952         2.952         0         %100           49         M45         X         -1.779         -1.779         0         %100           50         M45         Z         3.081         3.081         0         %100           51         M50A         X         -1.792         -1.792         0         %100           52         M50A         X         3.104         3.104         0         %100           53         M51C         X         0         0         0         %100     <	39	M37	Х	56	56	0	%100
42         M38         Z         0         0         %100           43         M40         X         0         0         %100           44         M40         Z         0         0         %100           45         M42         X        56        56         0         %100           46         M42         Z         .969         .969         0         %100           47         M43A         X         -1.704         -1.704         0         %100           48         M43A         Z         2.952         2.952         0         %100           49         M45         X         -1.779         -1.779         0         %100           50         M45         Z         3.081         3.081         0         %100           51         M50A         X         -1.792         -1.792         0         %100           52         M50A         Z         3.104         3.104         0         %100           53         M51C         X         0         0         0         %100           54         M51C         Z         0         0         0	40	M37	Z	.969	.969	0	%100
42         M38         Z         0         0         %100           43         M40         X         0         0         %100           44         M40         Z         0         0         %100           45         M42         X        56        56         0         %100           46         M42         Z         .969         .969         0         %100           47         M43A         X         -1.704         -1.704         0         %100           48         M43A         Z         2.952         2.952         0         %100           49         M45         X         -1.779         -1.779         0         %100           50         M45         Z         3.081         3.081         0         %100           51         M50A         X         -1.792         -1.792         0         %100           52         M50A         Z         3.104         3.104         0         %100           53         M51C         X         0         0         0         %100           54         M51C         Z         0         0         0	41	M38	Х	0	0	0	%100
43         M40         X         0         0         %100           44         M40         Z         0         0         %100           45         M42         X         -56        56         0         %100           46         M42         Z         .969         .969         0         %100           47         M43A         X         -1.704         -1.704         0         %100           48         M43A         Z         2.952         2.952         0         %100           49         M45         X         -1.779         -1.779         0         %100           50         M45         Z         3.081         3.081         0         %100           51         M50A         X         -1.792         -1.792         0         %100           52         M50A         Z         3.104         3.104         0         %100           52         M50A         Z         3.104         3.104         0         %100           53         M51C         X         0         0         0         %100           54         M51C         Z         0         0	42			0	0	0	%100
44         M40         Z         0         0         %100           45         M42         X        56        56         0         %100           46         M42         Z         .969         .969         0         %100           47         M43A         X         -1.704         -1.704         0         %100           48         M43A         Z         2.952         2.952         0         %100           49         M45         X         -1.779         -1.779         0         %100           50         M45         Z         3.081         3.081         0         %100           51         M50A         X         -1.792         -1.792         0         %100           52         M50A         Z         3.104         3.104         0         %100           53         M51C         X         0         0         0         %100           54         M51C         Z         0         0         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         0			Х	0	0	0	
46         M42         Z         .969         .969         0         %100           47         M43A         X         -1.704         -1.704         0         %100           48         M43A         Z         2.952         2.952         0         %100           49         M45         X         -1.779         -1.779         0         %100           50         M45         Z         3.081         3.081         0         %100           51         M50A         X         -1.792         -1.792         0         %100           52         M50A         Z         3.104         3.104         0         %100           53         M51C         X         0         0         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         0         0         0         %100           55         M52A         Z         0         0         0         %100           56         M52A         Z         0         0         0         %100           58         M53         X <t< td=""><td>44</td><td>M40</td><td></td><td>0</td><td>0</td><td>0</td><td>%100</td></t<>	44	M40		0	0	0	%100
46         M42         Z         .969         .969         0         %100           47         M43A         X         -1.704         -1.704         0         %100           48         M43A         Z         2.952         2.952         0         %100           49         M45         X         -1.779         -1.779         0         %100           50         M45         Z         3.081         3.081         0         %100           51         M50A         X         -1.792         -1.792         0         %100           52         M50A         Z         3.104         3.104         0         %100           53         M51C         X         0         0         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         0         0         0         %100           55         M52A         Z         0         0         0         %100           56         M52A         Z         0         0         0         %100           58         M53         X <t< td=""><td>45</td><td></td><td>X</td><td>56</td><td>56</td><td>0</td><td></td></t<>	45		X	56	56	0	
47         M43A         X         -1.704         -1.704         0         %100           48         M43A         Z         2.952         2.952         0         %100           49         M45         X         -1.779         -1.779         0         %100           50         M45         Z         3.081         3.081         0         %100           51         M50A         X         -1.792         -1.792         0         %100           52         M50A         Z         3.104         3.104         0         %100           53         M50A         Z         3.104         3.104         0         %100           54         M51C         X         0         0         0         %100           54         M51C         X         0         0         0         %100           55         M52A         X         0         0         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X         0         0         0         %100           58         M53         Z	46	M42	Z	.969	.969	0	
48         M43A         Z         2.952         2.952         0         %100           49         M45         X         -1.779         -1.779         0         %100           50         M45         Z         3.081         3.081         0         %100           51         M50A         X         -1.792         -1.792         0         %100           52         M50A         Z         3.104         3.104         0         %100           53         M51C         X         0         0         0         %100           54         M51C         Z         0         0         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         0         0         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X         0         0         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         -1.257	47	M43A	X	-1.704	-1.704	0	%100
49         M45         X         -1.779         -1.779         0         %100           50         M45         Z         3.081         3.081         0         %100           51         M50A         X         -1.792         -1.792         0         %100           52         M50A         Z         3.104         3.104         0         %100           53         M51C         X         0         0         0         %100           54         M51C         Z         0         0         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         0         0         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X         0         0         0         %100           58         M53         Z         0         0         %100           59         M56         X         -1.257         -1.257         0         %100           60         M56         Z         2.177         2.177	48	M43A	Z	2.952	2.952	0	%100
50         M45         Z         3.081         3.081         0         %100           51         M50A         X         -1.792         -1.792         0         %100           52         M50A         Z         3.104         3.104         0         %100           53         M51C         X         0         0         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         0         0         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X         0         0         0         %100           57         M53         X         0         0         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         -1.257         -1.257         0         %100           60         M56         Z         2.177         2.177         0         %100           61         M57         X         -1.257	49	M45	X	-1.779	-1.779	0	
51         M50A         X         -1.792         -1.792         0         %100           52         M50A         Z         3.104         3.104         0         %100           53         M51C         X         0         0         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         0         0         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X         0         0         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         -1.257         -1.257         0         %100           60         M56         Z         2.177         2.177         0         %100           61         M57         X         -1.257         -1.257         0         %100           62         M57         Z         2.177         2.177         0         %100           63         M61         X         -2.239<	50		Z			0	
52         M50A         Z         3.104         3.104         0         %100           53         M51C         X         0         0         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         0         0         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X         0         0         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         -1.257         -1.257         0         %100           60         M56         Z         2.177         2.177         0         %100           61         M57         X         -1.257         -1.257         0         %100           62         M57         Z         2.177         2.177         0         %100           63         M61         X         -2.239         -2.239         0         %100           64         M61         Z         3.878 <td></td> <td></td> <td>X</td> <td></td> <td></td> <td>0</td> <td></td>			X			0	
53         M51C         X         0         0         %100           54         M51C         Z         0         0         %100           55         M52A         X         0         0         %100           56         M52A         Z         0         0         %100           57         M53         X         0         0         %100           58         M53         Z         0         0         %100           59         M56         X         -1.257         -1.257         0         %100           60         M56         Z         2.177         2.177         0         %100           61         M57         X         -1.257         -1.257         0         %100           62         M57         Z         2.177         2.177         0         %100           63         M61         X         -2.239         -2.239         0         %100           64         M61         Z         3.878         3.878         0         %100           65         M62         X         -1.704         -1.704         0         %100			Z				
54         M51C         Z         0         0         %100           55         M52A         X         0         0         %100           56         M52A         Z         0         0         %100           57         M53         X         0         0         %100           58         M53         Z         0         0         %100           59         M56         X         -1.257         -1.257         0         %100           60         M56         Z         2.177         2.177         0         %100           61         M57         X         -1.257         -1.257         0         %100           62         M57         Z         2.177         2.177         0         %100           63         M61         X         -2.239         -2.239         0         %100           64         M61         Z         3.878         3.878         0         %100           65         M62         X         -1.704         -1.704         0         %100			X				
55         M52A         X         0         0         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X         0         0         0         %100           58         M53         Z         0         0         %100           59         M56         X         -1.257         -1.257         0         %100           60         M56         Z         2.177         2.177         0         %100           61         M57         X         -1.257         -1.257         0         %100           62         M57         Z         2.177         2.177         0         %100           63         M61         X         -2.239         -2.239         0         %100           64         M61         Z         3.878         3.878         0         %100           65         M62         X         -1.704         -1.704         0         %100			Z	0			%100
56         M52A         Z         0         0         %100           57         M53         X         0         0         %100           58         M53         Z         0         0         %100           59         M56         X         -1.257         -1.257         0         %100           60         M56         Z         2.177         2.177         0         %100           61         M57         X         -1.257         -1.257         0         %100           62         M57         Z         2.177         2.177         0         %100           63         M61         X         -2.239         -2.239         0         %100           64         M61         Z         3.878         3.878         0         %100           65         M62         X         -1.704         -1.704         0         %100				0	0	0	
57         M53         X         0         0         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         -1.257         -1.257         0         %100           60         M56         Z         2.177         2.177         0         %100           61         M57         X         -1.257         -1.257         0         %100           62         M57         Z         2.177         2.177         0         %100           63         M61         X         -2.239         -2.239         0         %100           64         M61         Z         3.878         3.878         0         %100           65         M62         X         -1.704         -1.704         0         %100				0			
58         M53         Z         0         0         %100           59         M56         X         -1.257         -1.257         0         %100           60         M56         Z         2.177         2.177         0         %100           61         M57         X         -1.257         -1.257         0         %100           62         M57         Z         2.177         2.177         0         %100           63         M61         X         -2.239         -2.239         0         %100           64         M61         Z         3.878         3.878         0         %100           65         M62         X         -1.704         -1.704         0         %100			X	0	0	0	
59         M56         X         -1.257         -1.257         0         %100           60         M56         Z         2.177         2.177         0         %100           61         M57         X         -1.257         -1.257         0         %100           62         M57         Z         2.177         2.177         0         %100           63         M61         X         -2.239         -2.239         0         %100           64         M61         Z         3.878         3.878         0         %100           65         M62         X         -1.704         -1.704         0         %100			Z				
60         M56         Z         2.177         2.177         0         %100           61         M57         X         -1.257         -1.257         0         %100           62         M57         Z         2.177         2.177         0         %100           63         M61         X         -2.239         -2.239         0         %100           64         M61         Z         3.878         3.878         0         %100           65         M62         X         -1.704         -1.704         0         %100				-1.257	-1.257		
61     M57     X     -1.257     -1.257     0     %100       62     M57     Z     2.177     2.177     0     %100       63     M61     X     -2.239     -2.239     0     %100       64     M61     Z     3.878     3.878     0     %100       65     M62     X     -1.704     -1.704     0     %100							
62         M57         Z         2.177         2.177         0         %100           63         M61         X         -2.239         -2.239         0         %100           64         M61         Z         3.878         3.878         0         %100           65         M62         X         -1.704         -1.704         0         %100							
63     M61     X     -2.239     0     %100       64     M61     Z     3.878     3.878     0     %100       65     M62     X     -1.704     -1.704     0     %100			Z				
64         M61         Z         3.878         3.878         0         %100           65         M62         X         -1.704         -1.704         0         %100							
65 M62 X -1.704 -1.704 0 %100			Z				

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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft,F		End Location[ft,%]
67	M64	X	-1.779	-1.779	0	%100
68	M64	Z	3.081	3.081	0	%100
69	M66	X	-2.239	-2.239	0	%100
70	M66	Z	3.878	3.878	0	%100
71	M67	X	-1.704	-1.704	0	%100
72	M67	Z	2.952	2.952	0	%100
73	M69	Χ	-1.779	-1.779	0	%100
74	M69	Z	3.081	3.081	0	%100
75	M74	X	-1.332	-1.332	0	%100
76	M74	Z	2.306	2.306	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	M79B	X	-1.075	-1.075	0	%100
80	M79B	Z	1.862	1.862	0	%100
81	M77A	X	-1.075	-1.075	0	%100
82	M77A	Z	1.862	1.862	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	0	0	0	<u>%100</u>
85	MP5A	<u>X</u>	-1.434	-1.434	0	%100
86	MP5A	Z	2.483	2.483	0	%100
87	MP4A	X	-1.434	-1.434	0	%100
88	MP4A	Z	2.483	2.483	0	%100
89	MP2A	X	-1.434	-1.434	0	%100
90	MP2A	<u>Z</u>	2.483	2.483	0	%100 %400
91	MP1A	X	-1.434	-1.434	0	%100 %400
92	MP1A	Z	2.483	2.483	0	%100 %100
93	MP3A	X 7	-1.586	-1.586	0	%100 %400
94	MP3A MP5C	<u>Z</u>	2.746 -1.434	2.746 -1.434	0	%100 %100
96	MP5C	X 	2.483	2.483	0	%100 %100
97	MP4C	X	-1.434	-1.434	0	%100 %100
98	MP4C	Z	2.483	2.483	0	%100 %100
99	MP2C	X	-1.434	-1.434	0	%100 %100
100	MP2C	Z	2.483	2.483	0	%100 %100
101	MP1C	X	-1.434	-1.434	0	%100 %100
102	MP1C	Z	2.483	2.483	0	%100 %100
103	MP3C	X	-1.586	-1.586	0	%100 %100
104	MP3C	Z	2.746	2.746	0	%100
105	MP5B	X	-1.434	-1.434	0	%100
106	MP5B	Z	2.483	2.483	0	%100
107	MP4B	X	-1.434	-1.434	0	%100
108	MP4B	Z	2.483	2.483	0	%100
109	MP2B	Χ	-1.434	-1.434	0	%100
110	MP2B	Z	2.483	2.483	0	%100
111	MP1B	Χ	-1.434	-1.434	0	%100
112	MP1B	Z	2.483	2.483	0	%100
113	MP3B	Χ	-1.586	-1.586	0	%100
114	MP3B	Z	2.746	2.746	0	%100
115	M130	X	759	759	0	%100
116	M130	Z	1.314	1.314	0	%100
117	M131	Χ	759	759	0	%100
118	M131	Z	1.314	1.314	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	OVP	X	-1.31	-1.31	0	%100
122	OVP	Z	2.269	2.269	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	769	769	0	%100
2	M1	Z	.444	.444	0	%100
3	M4	X	-2.328	-2.328	0	%100
4	M4	Z	1.344	1.344	0	%100
5	M10	X	631	631	0	%100
6	M10	Z	.364	.364	0	%100
7	M43	X	631	631	0	%100
8	M43	Z	.364	.364	0	%100
9	M46	X	985	985	0	%100
10	M46	Z	.569	.569	0	%100
11	M51B	X	-2.903	-2.903	0	%100
12	M51B	Z	1.676	1.676	0	%100
13	M52B	X	726	726	0	%100
14	M52B	Z	.419	.419	0	%100
15	M76	X	-2.908	-2.908	0	%100
16	M76	Z	1.679	1.679	0	%100
17	M77	X	-3.936	-3.936	0	%100
18	M77	Z	2.273	2.273	0	%100
19	M80	X	-4.108	-4.108	0	%100
20	M80	Z	2.372	2.372	0	%100
21	M84	Х	-2.908	-2.908	0	%100
22	M84	Z	1.679	1.679	0	%100
23	M85	Х	984	984	0	%100
24	M85	Z	.568	.568	0	%100
25	M91	Х	-1.027	-1.027	0	%100
26	M91	Z	.593	.593	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-2.523	-2.523	0	%100
30	M27	Z	1.457	1.457	0	%100
31	M28	X	-2.523	-2.523	0	%100
32	M28	Z	1.457	1.457	0	%100
33	M29	X	-3.941	-3.941	0	%100
34	M29	Z	2.276	2.276	0	%100
35	M32	X	726	726	0	%100
36	M32	Z	.419	.419	0	%100
37	M33	X	726	726	0	%100
38	M33	Z	.419	.419	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	984	984	0	%100
42	M38	Z	.568	.568	0	%100 %100
43	M40	X	-1.027	-1.027	0	%100
44	M40	Z	.593	.593	0	%100 %100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M43A	X	984	984	0	%100
48	M43A	Z	.568	.568	0	%100 %100
49	M45	X	-1.027	-1.027	0	%100
50	M45	Z	.593	.593	0	%100 %100
51	M50A	X	-2.328	-2.328	0	%100
52	M50A	Z	1.344	1.344	0	%100 %100
53	M51C	X	631	631	0	%100
54	M51C	Z	.364	.364	0	%100 %100
55	M52A	X	631	631	0	%100 %100
56	M52A	Z	.364	.364	0	%100 %100
57	M53	X	985	985	0	%100 %100
- 01	10100			.000		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

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

			. Otractare Wi			
=0	Member Label	Direction		.End Magnitude[lb/ft,F	_	End Location[ft,%]
58	<u>M53</u>	Z	.569	.569	0	%100
59	<u>M56</u>	X	726	726	0	%100
60	M56	Z	.419	.419	0	%100
61	M57	X	-2.903	-2.903	0	%100
62	M57	Z	1.676	1.676	0	%100
63	M61	X	-2.908	-2.908	0	%100
64	M61	Z	1.679	1.679	0	%100
65	M62	X	984	984	0	%100
66	M62	Z	.568	.568	0	%100
67	M64	X	-1.027	-1.027	0	%100
68	M64	Z	.593	.593	0	%100
69	M66	X	-2.908	-2.908	0	%100
70	M66	Z	1.679	1.679	0	%100
71	M67	X	-3.936	-3.936	0	%100
72	M67	Z	2.273	2.273	0	%100
73	M69	X	-4.108	-4.108	0	%100
74	M69	Z	2.372	2.372	0	%100
75	M74	X	-3.075	-3.075	0	%100
76	M74	Z	1.775	1.775	0	%100
77	M75	X	769	769	0	%100
78	M75	Z	.444	.444	0	%100
79	M79B	X	621	621	0	%100
80	M79B	Z	.358	.358	0	%100
81	M77A	X	-2.483	-2.483	0	%100
82	M77A	Z	1.434	1.434	0	%100
83	M78	X	621	621	0	%100
84	M78	Z	.358	.358	0	%100
85	MP5A	X	-2.483	-2.483	0	%100
86	MP5A	Z	1.434	1.434	0	%100
87	MP4A	X	-2.483	-2.483	0	%100
88	MP4A	Z	1.434	1.434	0	%100
89	MP2A	X	-2.483	-2.483	0	%100
90	MP2A	Z	1.434	1.434	0	%100
91	MP1A	X	-2.483	-2.483	0	%100
92	MP1A	Z	1.434	1.434	0	%100
93	MP3A	X	-2.746	-2.746	0	%100
94	MP3A	Z	1.586	1.586	0	%100
95	MP5C	X	-2.483	-2.483	0	%100
96	MP5C	Z	1.434	1.434	0	%100
97	MP4C	X	-2.483	-2.483	0	%100
98	MP4C	Z	1.434	1.434	0	%100
99	MP2C	X	-2.483	-2.483	0	%100
100	MP2C	Z	1.434	1.434	0	%100
101	MP1C	X	-2.483	-2.483	0	%100
102	MP1C	Z	1.434	1.434	0	%100
103	MP3C	X	-2.746	-2.746	0	%100
104	MP3C	Z	1.586	1.586	0	%100
105	MP5B	X	-2.483	-2.483	0	%100
106	MP5B	Z	1.434	1.434	0	%100
107	MP4B	X	-2.483	-2.483	0	%100
108	MP4B	Z	1.434	1.434	0	%100
109	MP2B	X	-2.483	-2.483	0	%100
110	MP2B	Z	1.434	1.434	0	%100
111	MP1B	X	-2.483	-2.483	0	%100
112	MP1B	Z	1.434	1.434	0	%100
113	MP3B	X	-2.746	-2.746	0	%100
114	MP3B	Z	1.586	1.586	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
115	M130	X	438	438	0	%100
116	M130	Z	.253	.253	0	%100
117	M131	X	-1.752	-1.752	0	%100
118	M131	Z	1.012	1.012	0	%100
119	M134	X	438	438	0	%100
120	M134	Z	.253	.253	0	%100
121	OVP	X	-2.269	-2.269	0	%100
122	OVP	Z	1.31	1.31	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	Х	-3.584	-3.584	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	Х	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	Х	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	Х	-2.514	-2.514	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	Х	-2.514	-2.514	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-4.478	-4.478	0	%100
16	M76	Z	0	0	0	%100
17	M77	Х	-3.409	-3.409	0	%100
18	M77	Z	0	0	0	%100
19	M80	Х	-3.557	-3.557	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-4.478	-4.478	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-3.409	-3.409	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-3.557	-3.557	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	896	896	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-2.185	-2.185	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-2.185	-2.185	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-3.413	-3.413	0	%100
34	M29	Z	0	0	0	%100
35	M32	X	-2.514	-2.514	0	%100
36	M32	Z	0	0	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	0	0	0	%100
39	M37	X	-1.119	-1.119	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	-3.409	-3.409	0	%100
42	M38	Z	0	0	0	%100
43	M40	X	-3.557	-3.557	0	%100
44	M40	Z	0	0	0	%100
45	M42	X	-1.119	-1.119	0	%100

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

Member Labet			•	e . Otractare Wi			
AFT	40					_	
48				-	•	•	
49					-		
SO				•	•	-	
ST							
S2				•	•		
S3				896	896	0	
S4	52	M50A	Z	0	0	0	
Section   Sect				-2.185	-2.185	0	
See							
SF	55	M52A		-2.185	-2.185	0	%100
S8	56	M52A	Z	0	0	0	%100
Section   Sect	57	M53	X	-3.413	-3.413	0	%100
S9	58	M53	Z	0	0	0	%100
60         M56         Z         0         0         %100           61         M57         X         -2.514         -2.514         0         %100           62         M57         Z         0         0         0         %100           63         M61         X         -1.119         -1.119         0         %100           64         M61         X         -1.119         -1.119         0         %100           65         M62         X         0         0         0         0         %100           66         M62         X         0         0         0         0         %100           67         M64         X         0         0         0         %100         6           68         M64         Z         0         0         0         %100         6           70         M66         X         -1.119         -1.119         0         %100           70         M66         Z         0         0         0         %100           72         M67         Z         0         0         0         %100           72         M67			Х	0	0	0	%100
61         M57         X         -2.514         -2.514         0         %100           62         M67         Z         0         0         0         %100           63         M61         X         -1.119         -1.119         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         Z         0         0         0         %100           67         M64         X         0         0         0         %100           68         M64         Z         0         0         0         %100           69         M66         X         -1.119         -1.119         0         %100           71         M67         X         -3.409         -3.409         0         %100           71         M67         X         -3.409         -3.409         0         %100           73         M69         X         -3.557         -3.557         0         %100           75         M74         X         -2.663<				0	0	0	
62         M57         Z         0         0         0         %100           63         M61         X         -1.119         -1.119         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         Z         0         0         0         %100           67         M64         X         0         0         0         %100           68         M64         Z         0         0         0         %100           69         M66         X         -1.119         -1.119         0         %100           70         M66         Z         0         0         0         %100           72         M67         Z         0         0         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         -3.557         -3.557         0         %100           74         M69         Z         0         0 <td< td=""><td></td><td></td><td>X</td><td>-2.514</td><td>-2.514</td><td>0</td><td></td></td<>			X	-2.514	-2.514	0	
63         M61         X         -1.119         -1.119         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         Z         0         0         0         %4100           67         M64         X         0         0         0         %4100           68         M64         Z         0         0         0         %100           69         M66         X         -1.119         -1.119         0         %100           70         M66         X         -1.119         -1.119         0         %100           71         M67         X         -3.409         -3.409         0         %100           72         M67         Z         0         0         0         %100           74         M69         X         -3.557         -3.557         0         %100           74         M69         X         -3.557         -3.557         0         %100           75         M74         X         2.266							
64         M61         Z         0         0         %100           65         M62         X         0         0         %100           66         M62         Z         0         0         0         %100           67         M64         X         0         0         0         %100           68         M64         Z         0         0         0         %100           70         M66         X         -1.119         -1.119         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         -3.409         -3.409         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         -3.557         0         %100         %100           74         M69         Z         0         0         0         %100           75         M74         X         -2.663         -2.663         0         %100           75         M74         X         -2.663         -2.663         0				-1.119	-1.119		
65         M62         X         0         0         %100           66         M62         Z         0         0         %100           67         M64         X         0         0         0         %100           68         M64         Z         0         0         0         %100           70         M66         X         -1.119         -1.119         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         -3.409         -3.409         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         -3.557         -3.557         0         %100           74         M69         Z         0         0         0         %100           75         M74         X         -2.663         -2.663         0         %100           76         M74         X         -2.663         -2.663         0         %100           78         M75         X         -2.663         -2.663         0				_			
66         M62         Z         0         0         94100           67         M64         X         0         0         0         %100           68         M64         Z         0         0         0         %100           69         M66         X         -1.119         -1.119         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         -3.409         -3.409         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         -3.557         -3.557         0         %100           74         M69         Z         0         0         0         %100           75         M74         X         -2.663         -2.663         0         %100           75         M74         X         -2.663         -2.663         0         %100           78         M75         X         -2.663         -2.663         0         %100           79         M79B         X         0         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
67         M64         X         0         0         0         %100           68         M66         X         -1.119         -1.119         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         -3.409         -3.409         0         %100           72         M67         Z         0         0         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         -3.557         -3.557         0         %100           74         M69         Z         0         0         0         %100           75         M74         X         -2.663         -2.663         0         %100           75         M74         X         -2.663         -2.663         0         %100           76         M74         Z         0         0         0         %100           78         M75         X         -2.663         -2.663         0         %100           80         M79B         X         0							
68         M66         X         -1.119         -1.119         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         -3.409         -3.409         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         -3.557         -3.557         0         %100           74         M69         Z         0         0         0         %100           75         M74         X         -2.663         -2.663         0         %100           76         M74         X         -2.663         -2.663         0         %100           76         M74         X         -2.663         -2.663         0         %100           79         M79B         X         -2.663         -2.663         0         %100           79         M79B         X         0         0         0         %100           80         M79B         X         0         0         0         %100           81         M77A         X				0			
69         M66         X         -1.119         -1.119         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         -3.409         -3.409         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         -3.557         -3.557         0         %100           74         M69         Z         0         0         0         %100           75         M74         X         -2.663         -2.663         0         %100           76         M74         Z         0         0         0         %100           76         M74         Z         0         0         0         %100           78         M75         X         -2.663         -2.663         0         %100           79         M79B         X         0         0         0         %100           80         M79B         X         0         0         0         %100           81         M77A         X         -2.15							
70         M66         Z         0         0         %100           71         M67         X         -3.409         -3.409         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         -3.557         -3.557         0         %100           74         M69         Z         0         0         0         %100           75         M74         X         -2.663         0         %100         %100           76         M74         Z         0         0         0         %100           76         M74         Z         0         0         0         %100           77         M75         X         -2.663         -2.663         0         %100           78         M75         Z         0         0         0         %100           79         M79B         X         0         0         0         %100           80         M79B         X         0         0         0         %100           81         M77A         X         -2.15         -2.15 <td< td=""><td></td><td></td><td></td><td>-1.119</td><td>-1.119</td><td>-</td><td></td></td<>				-1.119	-1.119	-	
71         M67         X         -3.409         -3.409         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         -3.557         -3.557         0         %100           74         M69         Z         0         0         0         %100           75         M74         X         -2.663         -2.663         0         %100           76         M74         Z         0         0         0         0         %100           76         M74         X         -2.663         -2.663         0         %100           77         M75         X         -2.663         -2.663         0         %100           78         M75         Z         0         0         0         %100           78         M79B         X         0         0         0         %100           80         M79B         X         0         0         0         %100           81         M77A         X         -2.15         -2.15         0         %100           82         M77A         X <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td>				1			
72         M67         Z         0         0         %100           73         M69         X         -3.557         -3.557         0         %100           74         M69         Z         0         0         0         %100           75         M74         X         -2.663         -2.663         0         %100           76         M74         Z         0         0         0         %100           77         M75         X         -2.663         -2.663         0         %100           78         M75         Z         0         0         0         %100           79         M79B         X         0         0         0         %100           80         M79B         X         0         0         0         %100           81         M77A         X         -2.15         -2.15         0         %100           82         M77A         X         -2.15         -2.15         0         %100           83         M78         X         -2.15         -2.15         0         %100           84         M78         Z         0         0				-3.409	-3.409		
73         M69         X         -3.557         -3.557         0         %100           74         M69         Z         0         0         0         %100           75         M74         X         -2.663         -2.663         0         %100           76         M74         Z         0         0         0         %100           77         M75         X         -2.663         -2.663         0         %100           78         M75         X         -2.663         -2.663         0         %100           79         M79B         X         0         0         0         %100           80         M79B         X         0         0         0         %100           81         M77A         X         -2.15         -2.15         0         %100           82         M77A         X         -2.15         -2.15         0         %100           83         M78         X         -2.15         -2.15         0         %100           84         M78         Z         0         0         0         %100           85         MP5A         X <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
74         M69         Z         0         0         %100           75         M74         X         -2.663         -2.663         0         %100           76         M74         Z         0         0         0         %100           77         M75         X         -2.663         -2.663         0         %100           78         M75         Z         0         0         0         %100           79         M79B         X         0         0         0         %100           80         M79B         X         0         0         0         %100           81         M77A         X         -2.15         -2.15         0         %100           82         M77A         Z         0         0         0         %100           83         M78         X         -2.15         0         %100           84         M78         Z         0         0         %100           85         MP5A         X         -2.867         -2.867         0         %100           86         MP5A         Z         0         0         0         %100				-3.557	-3.557		
75         M74         X         -2.663         -2.663         0         %100           76         M74         Z         0         0         0         %100           77         M75         X         -2.663         -2.663         0         %100           78         M75         Z         0         0         0         %100           79         M79B         X         0         0         0         %100           80         M79B         Z         0         0         0         %100           81         M77A         X         -2.15         -2.15         0         %100           82         M77A         Z         0         0         0         %100           83         M78         X         -2.15         -2.15         0         %100           84         M78         Z         0         0         0         %100           85         MP5A         X         -2.867         -2.2867         0         %100           86         MP5A         Z         0         0         0         %100           89         MP4A         X         -2.867							
76         M74         Z         0         0         %100           77         M75         X         -2.663         -2.663         0         %100           78         M75         Z         0         0         0         %100           79         M79B         X         0         0         0         %100           80         M79B         Z         0         0         0         %100           81         M77A         X         -2.15         -2.15         0         %100           81         M77A         Z         0         0         0         %100           83         M78         X         -2.15         -2.15         0         %100           84         M78         Z         0         0         0         %100           85         MP5A         X         -2.867         -2.867         0         %100           86         MP5A         Z         0         0         0         %100           87         MP4A         X         -2.867         -2.867         0         %100           89         MP2A         X         -2.867         -2.867 </td <td></td> <td></td> <td></td> <td>-2.663</td> <td>-2.663</td> <td></td> <td></td>				-2.663	-2.663		
77         M75         X         -2.663         -2.663         0         %100           78         M75         Z         0         0         0         %100           79         M79B         X         0         0         0         %100           80         M79B         Z         0         0         0         %100           81         M77A         X         -2.15         -2.15         0         %100           82         M77A         Z         0         0         0         %100           83         M78         X         -2.15         -2.15         0         %100           84         M78         Z         0         0         0         %100           85         MP5A         X         -2.867         -2.867         0         %100           86         MP5A         Z         0         0         0         %100           87         MP4A         X         -2.867         -2.867         0         %100           89         MP2A         X         -2.867         -2.867         0         %100           90         MP2A         Z         0<							
78         M75         Z         0         0         %100           79         M79B         X         0         0         0         %100           80         M79B         Z         0         0         0         %100           81         M77A         X         -2.15         -2.15         0         %100           82         M77A         Z         0         0         0         %100           83         M78         X         -2.15         -2.15         0         %100           84         M78         Z         0         0         0         %100           85         MP5A         X         -2.867         -2.867         0         %100           86         MP5A         Z         0         0         0         %100           87         MP4A         X         -2.867         -2.867         0         %100           89         MP2A         X         -2.867         -2.867         0         %100           90         MP2A         Z         0         0         0         %100           91         MP1A         X         -2.867         -2.867				-2.663	-2.663		
79         M79B         X         0         0         0         %100           80         M79B         Z         0         0         0         %100           81         M77A         X         -2.15         -2.15         0         %100           82         M77A         Z         0         0         0         %100           83         M78         X         -2.15         -2.15         0         %100           84         M78         Z         0         0         0         %100           85         MP5A         X         -2.867         -2.867         0         %100           86         MP5A         Z         0         0         %100         %100           87         MP4A         X         -2.867         -2.867         0         %100           88         MP4A         Z         0         0         %100           89         MP2A         X         -2.867         -2.867         0         %100           90         MP2A         Z         0         0         %100         %100           92         MP1A         X         -2.867 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
80         M79B         Z         0         0         %100           81         M77A         X         -2.15         -2.15         0         %100           82         M77A         Z         0         0         0         %100           83         M78         X         -2.15         -2.15         0         %100           84         M78         Z         0         0         0         %100           85         MP5A         X         -2.867         -2.867         0         %100           86         MP5A         Z         0         0         0         %100           87         MP4A         X         -2.867         -2.867         0         %100           89         MP4A         Z         0         0         %100           89         MP2A         X         -2.867         -2.867         0         %100           90         MP2A         X         -2.867         -2.867         0         %100           91         MP1A         X         -2.867         -2.867         0         %100           92         MP1A         Z         0         0				0	0	0	
81         M77A         X         -2.15         -2.15         0         %100           82         M77A         Z         0         0         0         %100           83         M78         X         -2.15         -2.15         0         %100           84         M78         Z         0         0         0         %100           85         MP5A         X         -2.867         -2.867         0         %100           86         MP5A         Z         0         0         0         %100           87         MP4A         X         -2.867         -2.867         0         %100           89         MP4A         Z         0         0         0         %100           89         MP2A         X         -2.867         -2.867         0         %100           90         MP2A         Z         0         0         0         %100           91         MP1A         X         -2.867         -2.867         0         %100           92         MP1A         Z         0         0         0         %100           93         MP3A         X				0	0		
82         M77A         Z         0         0         %100           83         M78         X         -2.15         -2.15         0         %100           84         M78         Z         0         0         0         %100           85         MP5A         X         -2.867         -2.867         0         %100           86         MP5A         Z         0         0         0         %100           87         MP4A         X         -2.867         -2.867         0         %100           88         MP4A         Z         0         0         0         %100           89         MP2A         X         -2.867         -2.867         0         %100           90         MP2A         Z         0         0         0         %100           91         MP1A         X         -2.867         -2.867         0         %100           92         MP1A         Z         0         0         %100           94         MP3A         X         -3.171         -3.171         0         %100           95         MP5C         X         -2.867         -2.867				-2.15	-2.15		
83         M78         X         -2.15         -2.15         0         %100           84         M78         Z         0         0         0         %100           85         MP5A         X         -2.867         -2.867         0         %100           86         MP5A         Z         0         0         0         %100           87         MP4A         X         -2.867         -2.867         0         %100           88         MP4A         Z         0         0         0         %100           89         MP2A         X         -2.867         -2.867         0         %100           90         MP2A         Z         0         0         0         %100           91         MP1A         X         -2.867         -2.867         0         %100           92         MP1A         Z         0         0         0         %100           93         MP3A         X         -3.171         -3.171         0         %100           94         MP3A         Z         0         0         0         %100           95         MP5C         X <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
84         M78         Z         0         0         %100           85         MP5A         X         -2.867         -2.867         0         %100           86         MP5A         Z         0         0         0         %100           87         MP4A         X         -2.867         -2.867         0         %100           88         MP4A         Z         0         0         0         %100           89         MP2A         X         -2.867         -2.867         0         %100           90         MP2A         X         -2.867         -2.867         0         %100           91         MP1A         X         -2.867         -2.867         0         %100           92         MP1A         Z         0         0         0         %100           93         MP3A         X         -3.171         -3.171         0         %100           95         MP3A         Z         0         0         0         %100           96         MP5C         Z         0         0         0         %100           99         MP4C         X         -2.867			X	-2.15	-2.15	0	
86         MP5A         Z         0         0         %100           87         MP4A         X         -2.867         -2.867         0         %100           88         MP4A         Z         0         0         0         %100           89         MP2A         X         -2.867         -2.867         0         %100           90         MP2A         Z         0         0         0         %100           91         MP1A         X         -2.867         -2.867         0         %100           92         MP1A         Z         0         0         0         %100           93         MP3A         X         -3.171         -3.171         0         %100           95         MP3A         Z         0         0         0         %100           95         MP5C         X         -2.867         -2.867         0         %100           96         MP5C         Z         0         0         %100           98         MP4C         X         -2.867         -2.867         0         %100           99         MP2C         X         -2.867         -2.867 </td <td></td> <td>M78</td> <td></td> <td></td> <td></td> <td>0</td> <td></td>		M78				0	
86         MP5A         Z         0         0         %100           87         MP4A         X         -2.867         -2.867         0         %100           88         MP4A         Z         0         0         0         %100           89         MP2A         X         -2.867         -2.867         0         %100           90         MP2A         Z         0         0         0         %100           91         MP1A         X         -2.867         -2.867         0         %100           92         MP1A         Z         0         0         0         %100           93         MP3A         X         -3.171         -3.171         0         %100           95         MP3A         Z         0         0         0         %100           95         MP5C         X         -2.867         -2.867         0         %100           96         MP5C         Z         0         0         %100           98         MP4C         X         -2.867         -2.867         0         %100           99         MP2C         X         -2.867         -2.867 </td <td></td> <td></td> <td></td> <td>-2.867</td> <td>-2.867</td> <td></td> <td></td>				-2.867	-2.867		
87         MP4A         X         -2.867         -2.867         0         %100           88         MP4A         Z         0         0         0         %100           89         MP2A         X         -2.867         -2.867         0         %100           90         MP2A         Z         0         0         0         %100           91         MP1A         X         -2.867         -2.867         0         %100           92         MP1A         Z         0         0         0         %100           93         MP3A         X         -3.171         -3.171         0         %100           94         MP3A         Z         0         0         0         %100           95         MP5C         X         -2.867         -2.867         0         %100           96         MP5C         Z         0         0         %100           97         MP4C         X         -2.867         -2.867         0         %100           99         MP2C         X         -2.867         -2.867         0         %100           100         MP2C         X         -2	86		Z			0	%100
88         MP4A         Z         0         0         %100           89         MP2A         X         -2.867         -2.867         0         %100           90         MP2A         Z         0         0         0         %100           91         MP1A         X         -2.867         -2.867         0         %100           92         MP1A         Z         0         0         0         %100           93         MP3A         X         -3.171         -3.171         0         %100           94         MP3A         Z         0         0         0         %100           95         MP5C         X         -2.867         -2.867         0         %100           96         MP5C         Z         0         0         %100           97         MP4C         X         -2.867         -2.867         0         %100           98         MP4C         Z         0         0         %100           99         MP2C         X         -2.867         -2.867         0         %100           100         MP2C         Z         0         0         %100			X	-2.867	-2.867		
89         MP2A         X         -2.867         -2.867         0         %100           90         MP2A         Z         0         0         0         %100           91         MP1A         X         -2.867         -2.867         0         %100           92         MP1A         Z         0         0         0         %100           93         MP3A         X         -3.171         -3.171         0         %100           94         MP3A         Z         0         0         0         %100           95         MP5C         X         -2.867         -2.867         0         %100           96         MP5C         Z         0         0         %100           97         MP4C         X         -2.867         -2.867         0         %100           98         MP4C         Z         0         0         %100           99         MP2C         X         -2.867         -2.867         0         %100           100         MP2C         Z         0         0         %100           101         MP1C         X         -2.867         -2.867         0			Z				
91         MP1A         X         -2.867         -2.867         0         %100           92         MP1A         Z         0         0         0         %100           93         MP3A         X         -3.171         -3.171         0         %100           94         MP3A         Z         0         0         0         %100           95         MP5C         X         -2.867         -2.867         0         %100           96         MP5C         Z         0         0         %100           97         MP4C         X         -2.867         -2.867         0         %100           98         MP4C         Z         0         0         %100           99         MP2C         X         -2.867         -2.867         0         %100           100         MP2C         Z         0         0         %100           101         MP1C         X         -2.867         -2.867         0         %100				-2.867	-2.867		
91         MP1A         X         -2.867         -2.867         0         %100           92         MP1A         Z         0         0         0         %100           93         MP3A         X         -3.171         -3.171         0         %100           94         MP3A         Z         0         0         0         %100           95         MP5C         X         -2.867         -2.867         0         %100           96         MP5C         Z         0         0         %100           97         MP4C         X         -2.867         -2.867         0         %100           98         MP4C         Z         0         0         %100           99         MP2C         X         -2.867         -2.867         0         %100           100         MP2C         Z         0         0         %100           101         MP1C         X         -2.867         -2.867         0         %100							
92         MP1A         Z         0         0         %100           93         MP3A         X         -3.171         -3.171         0         %100           94         MP3A         Z         0         0         0         %100           95         MP5C         X         -2.867         -2.867         0         %100           96         MP5C         Z         0         0         %100           97         MP4C         X         -2.867         -2.867         0         %100           98         MP4C         Z         0         0         %100           99         MP2C         X         -2.867         -2.867         0         %100           100         MP2C         Z         0         0         %100           101         MP1C         X         -2.867         -2.867         0         %100			X	-2.867	-2.867	0	%100
93         MP3A         X         -3.171         -3.171         0         %100           94         MP3A         Z         0         0         0         %100           95         MP5C         X         -2.867         -2.867         0         %100           96         MP5C         Z         0         0         0         %100           97         MP4C         X         -2.867         -2.867         0         %100           98         MP4C         Z         0         0         %100           99         MP2C         X         -2.867         -2.867         0         %100           100         MP2C         Z         0         0         %100           101         MP1C         X         -2.867         -2.867         0         %100	92	MP1A	Z				%100
94         MP3A         Z         0         0         %100           95         MP5C         X         -2.867         -2.867         0         %100           96         MP5C         Z         0         0         0         %100           97         MP4C         X         -2.867         -2.867         0         %100           98         MP4C         Z         0         0         %100           99         MP2C         X         -2.867         -2.867         0         %100           100         MP2C         Z         0         0         %100           101         MP1C         X         -2.867         -2.867         0         %100		MP3A	Χ	-3.171	-3.171	0	
95         MP5C         X         -2.867         -2.867         0         %100           96         MP5C         Z         0         0         0         %100           97         MP4C         X         -2.867         -2.867         0         %100           98         MP4C         Z         0         0         0         %100           99         MP2C         X         -2.867         -2.867         0         %100           100         MP2C         Z         0         0         %100           101         MP1C         X         -2.867         -2.867         0         %100			Z		0		
96         MP5C         Z         0         0         %100           97         MP4C         X         -2.867         -2.867         0         %100           98         MP4C         Z         0         0         0         %100           99         MP2C         X         -2.867         -2.867         0         %100           100         MP2C         Z         0         0         %100           101         MP1C         X         -2.867         -2.867         0         %100	95	MP5C	X	-2.867	-2.867		
98         MP4C         Z         0         0         %100           99         MP2C         X         -2.867         -2.867         0         %100           100         MP2C         Z         0         0         0         %100           101         MP1C         X         -2.867         -2.867         0         %100			Z	•	0		%100
98         MP4C         Z         0         0         %100           99         MP2C         X         -2.867         -2.867         0         %100           100         MP2C         Z         0         0         0         %100           101         MP1C         X         -2.867         -2.867         0         %100				-2.867	-2.867		
100         MP2C         Z         0         0         0         %100           101         MP1C         X         -2.867         -2.867         0         %100	98	MP4C	Z		<del>-</del>	0	
100         MP2C         Z         0         0         0         %100           101         MP1C         X         -2.867         -2.867         0         %100			X	-2.867	-2.867		
			Z	•	•		
102 MP1C 7 0 0 0 %100				-2.867	-2.867		
102 111 0 70100	102	MP1C	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
103	MP3C	X	-3.171	-3.171	0	%100
104	MP3C	Z	0	0	0	%100
105	MP5B	X	-2.867	-2.867	0	%100
106	MP5B	Z	0	0	0	%100
107	MP4B	X	-2.867	-2.867	0	%100
108	MP4B	Z	0	0	0	%100
109	MP2B	X	-2.867	-2.867	0	%100
110	MP2B	Z	0	0	0	%100
111	MP1B	X	-2.867	-2.867	0	%100
112	MP1B	Z	0	0	0	%100
113	MP3B	X	-3.171	-3.171	0	%100
114	MP3B	Z	0	0	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	-1.518	-1.518	0	%100
118	M131	Z	0	0	0	%100
119	M134	X	-1.518	-1.518	0	%100
120	M134	Z	0	0	0	%100
121	OVP	X	-2.62	-2.62	0	%100
122	OVP	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	769	769	0	%100
2	M1	Ζ	444	444	0	%100
3	M4	Χ	-2.328	-2.328	0	%100
4	M4	Z	-1.344	-1.344	0	%100
5	M10	X	631	631	0	%100
6	M10	Z	364	364	0	%100
7	M43	X	631	631	0	%100
8	M43	Z	364	364	0	%100
9	M46	Х	985	985	0	%100
10	M46	Z	569	569	0	%100
11	M51B	Χ	726	726	0	%100
12	M51B	Z	419	419	0	%100
13	M52B	Х	-2.903	-2.903	0	%100
14	M52B	Z	-1.676	-1.676	0	%100
15	M76	Х	-2.908	-2.908	0	%100
16	M76	Z	-1.679	-1.679	0	%100
17	M77	Χ	984	984	0	%100
18	M77	Z	568	568	0	%100
19	M80	X	-1.027	-1.027	0	%100
20	M80	Z	593	593	0	%100
21	M84	X	-2.908	-2.908	0	%100
22	M84	Ζ	-1.679	-1.679	0	%100
23	M85	X	-3.936	-3.936	0	%100
24	M85	Z	-2.273	-2.273	0	%100
25	M91	X	-4.108	-4.108	0	%100
26	M91	Z	-2.372	-2.372	0	%100
27	M26	Χ	-2.328	-2.328	0	%100
28	M26	Ζ	-1.344	-1.344	0	%100
29	M27	Χ	631	631	0	%100
30	M27	Z	364	364	0	%100
31	M28	Χ	631	631	0	%100
32	M28	Z	364	364	0	%100
33	M29	Χ	985	985	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
34	M29	Z	569	569	0	%100
35	M32	X	-2.903	-2.903	0	%100
36	M32	Z	-1.676	-1.676	0	%100
37	M33	X	726	726	0	%100
38	M33	Z	419	419	0	%100
39	M37	X	-2.908	-2.908	0	%100
40	M37	Z	-1.679	-1.679	0	%100
41	M38	X	-3.936	-3.936	0	%100
42	M38	Z	-2.273	-2.273	0	%100
43	M40	X	-4.108	-4.108	0	%100
44	M40	Z	-2.372	-2.372	0	%100
45	M42	X	-2.908	-2.908	0	%100
46	M42	Z	-1.679	-1.679	0	%100
47	M43A	X	984	984	0	%100
48	M43A	Z	568	568	0	%100
49	M45	X	-1.027	-1.027	0	%100
50	M45	Z	593	593	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	-2.523	-2.523	0	%100
54	M51C	Z	-1.457	-1.457	0	%100
55	M52A	X	-2.523	-2.523	0	%100
56	<u>M52A</u>	Z	-1.457	-1.457	0	%100
57	M53	X	-3.941	-3.941	0	%100
58	M53	Z	-2.276	-2.276	0	%100
59	<u>M56</u>	X	726	726	0	%100
60	<u>M56</u>	Z	419	419	0	%100
61	<u>M57</u>	X	726	726	0	%100
62	M57	Z	419	419	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M62	X	984	984	0	%100
66	M62	Z	568	568	0	%100
67	M64	X	-1.027	-1.027	0	%100
68	M64	Z	593	593	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100 %400
71 72	M67	X Z	984	984	0	%100 %100
	M67	X	568 1.027	568	0	%100 %100
73	M69		-1.027	-1.027 593	0	%100 %100
74 75	M69	Z	593 760		0	%100 %100
76	M74 M74	X Z	769 444	769 444	0	%100 %100
77	M75	X	-3.075	-3.075	0	%100 %100
78	M75	Z	-3.075 -1.775	-1.775	0	%100 %100
79	M79B	X	621	621	0	%100 %100
80	M79B	Z	358	358	0	%100 %100
81	M77A	X	621	621	0	%100 %100
82	M77A	Z	358	358	0	%100 %100
83	M78	X	-2.483	-2.483	0	%100 %100
84	M78	Z	-1.434	-1.434	0	%100 %100
85	MP5A	X	-2.483	-2.483	0	%100 %100
86	MP5A	Z	-1.434	-1.434	0	%100 %100
87	MP4A	X	-2.483	-2.483	0	%100 %100
88	MP4A	Z	-1.434	-1.434	0	%100 %100
89	MP2A	X	-2.483	-2.483	0	%100 %100
90	MP2A	Z	-1.434	-1.434	0	%100 %100
	IVII <i>LI</i> \	_	1.707	1.101	•	70100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
91	MP1A	X	-2.483	-2.483	0	%100
92	MP1A	Z	-1.434	-1.434	0	%100
93	MP3A	X	-2.746	-2.746	0	%100
94	MP3A	Z	-1.586	-1.586	0	%100
95	MP5C	X	-2.483	-2.483	0	%100
96	MP5C	Z	-1.434	-1.434	0	%100
97	MP4C	X	-2.483	-2.483	0	%100
98	MP4C	Z	-1.434	-1.434	0	%100
99	MP2C	X	-2.483	-2.483	0	%100
100	MP2C	Z	-1.434	-1.434	0	%100
101	MP1C	X	-2.483	-2.483	0	%100
102	MP1C	Z	-1.434	-1.434	0	%100
103	MP3C	X	-2.746	-2.746	0	%100
104	MP3C	Z	-1.586	-1.586	0	%100
105	MP5B	X	-2.483	-2.483	0	%100
106	MP5B	Z	-1.434	-1.434	0	%100
107	MP4B	X	-2.483	-2.483	0	%100
108	MP4B	Z	-1.434	-1.434	0	%100
109	MP2B	X	-2.483	-2.483	0	%100
110	MP2B	Z	-1.434	-1.434	0	%100
111	MP1B	Х	-2.483	-2.483	0	%100
112	MP1B	Z	-1.434	-1.434	0	%100
113	MP3B	X	-2.746	-2.746	0	%100
114	MP3B	Z	-1.586	-1.586	0	%100
115	M130	X	438	438	0	%100
116	M130	Z	253	253	0	%100
117	M131	X	438	438	0	%100
118	M131	Z	253	253	0	%100
119	M134	X	-1.752	-1.752	0	%100
120	M134	Z	-1.012	-1.012	0	%100
121	OVP	X	-2.269	-2.269	0	%100
122	OVP	Z	-1.31	-1.31	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.332	-1.332	0	%100
2	M1	Z	-2.306	-2.306	0	%100
3	M4	X	448	448	0	%100
4	M4	Z	776	776	0	%100
5	M10	X	-1.093	-1.093	0	%100
6	M10	Z	-1.893	-1.893	0	%100
7	M43	X	-1.093	-1.093	0	%100
8	M43	Z	-1.893	-1.893	0	%100
9	M46	X	-1.707	-1.707	0	%100
10	M46	Z	-2.956	-2.956	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-1.257	-1.257	0	%100
14	M52B	Z	-2.177	-2.177	0	%100
15	M76	X	56	56	0	%100
16	M76	Z	969	969	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	56	56	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
79	M79B	Χ	-1.075	-1.075	0	%100
80	M79B	Z	-1.862	-1.862	0	%100
81	M77A	Х	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M78	Х	-1.075	-1.075	0	%100
84	M78	Z	-1.862	-1.862	0	%100
85	MP5A	X	-1.434	-1.434	0	%100
86	MP5A	Z	-2.483	-2.483	0	%100
87	MP4A	X	-1.434	-1.434	0	%100
88	MP4A	Z	-2.483	-2.483	0	%100
89	MP2A	Х	-1.434	-1.434	0	%100
90	MP2A	Z	-2.483	-2.483	0	%100
91	MP1A	Х	-1.434	-1.434	0	%100
92	MP1A	Z	-2.483	-2.483	0	%100
93	MP3A	Х	-1.586	-1.586	0	%100
94	MP3A	Z	-2.746	-2.746	0	%100
95	MP5C	X	-1.434	-1.434	0	%100
96	MP5C	Z	-2.483	-2.483	0	%100
97	MP4C	X	-1.434	-1.434	0	%100
98	MP4C	Z	-2.483	-2.483	0	%100
99	MP2C	X	-1.434	-1.434	0	%100
100	MP2C	Z	-2.483	-2.483	0	%100
101	MP1C	X	-1.434	-1.434	0	%100
102	MP1C	Z	-2.483	-2.483	0	%100
103	MP3C	Х	-1.586	-1.586	0	%100
104	MP3C	Z	-2.746	-2.746	0	%100
105	MP5B	X	-1.434	-1.434	0	%100
106	MP5B	Z	-2.483	-2.483	0	%100
107	MP4B	X	-1.434	-1.434	0	%100
108	MP4B	Z	-2.483	-2.483	0	%100
109	MP2B	Х	-1.434	-1.434	0	%100
110	MP2B	Z	-2.483	-2.483	0	%100
111	MP1B	Х	-1.434	-1.434	0	%100
112	MP1B	Z	-2.483	-2.483	0	%100
113	MP3B	Χ	-1.586	-1.586	0	%100
114	MP3B	Z	-2.746	-2.746	0	%100
115	M130	Χ	759	759	0	%100
116	M130	Z	-1.314	-1.314	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	0	0	0	%100
119	M134	X	759	759	0	%100
120	M134	Z	-1.314	-1.314	0	%100
121	OVP	X	-1.31	-1.31	0	%100
122	OVP	Z	-2.269	-2.269	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	766	766	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	658	658	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	658	658	0	%100
9	M46	Χ	0	0	0	%100

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

					-	
40	Member Label	Direction		.End Magnitude[lb/ft,F	_	End Location[ft,%]
10	M46	Z	-1.313	-1.313	0	%100
11	M51B	X	0	0	0	%100
12	<u>M51B</u>	Z	182	182	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	182	182	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	334	334	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	352	352	0	%100
21	M84	Χ	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	Х	0	0	0	%100
24	M85	Z	334	334	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	352	352	0	%100
27	M26	X	0	0	0	%100 %100
28	M26	Z	584	584	0	%100 %100
29	M27	X	0	0	0	%100 %100
30	M27	Z	165	165	0	%100 %100
31	M28	X	103	105	0	%100 %100
32	M28	Z	165	165	0	%100 %100
33				105	0	%100 %100
	M29	X Z	328		0	%100 %100
34	M29			328		
35	M32	X	0	0	0	%100 %400
36	M32	Z	182	182	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	729	729	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	985	985	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	334	334	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	352	352	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	985	985	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	-1.337	-1.337	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	-1.409	-1.409	0	%100
51	M50A	Χ	0	0	0	%100
52	M50A	Z	584	584	0	%100
53	M51C	Χ	0	0	0	%100
54	M51C	Z	165	165	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	165	165	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	328	328	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	729	729	0	%100
61	M57	X	0	0	0	%100 %100
62	M57	Z	182	182	0	%100 %100
63	M61	X	0	0	0	%100 %100
64	M61	Z	985	985	0	%100 %100
65	M62	X	965	965	0	%100 %100
66	M62	Z	-1.337	-1.337	0	%100 %100
UU	IVIUZ		-1.331	-1.331	U	/0 100

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

Wichin	Member Label	Direction		End Magnitude[lb/ft,F		End Location[ft,%]
67	M64	X	0	0	0	%100
68	M64	Z	-1.409	-1.409	0	%100
69	M66	Х	0	0	0	%100
70	M66	Z	985	985	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	334	334	0	%100
73	M69	Χ	0	0	0	%100
74	M69	Z	352	352	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	191	191	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	191	191	0	%100
79	M79B	X	0	0	0	%100
80	M79B	Z	52	52	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	13	13	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	13	13	0	%100
85	MP5A	X	0	0	0	%100
86	MP5A	Z	52	52	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	52	52	0	%100
89	MP2A	X	0	0	0	%100
90	MP2A	Z	52	52	0	%100
91	MP1A	X Z	0	0	0	%100
92	MP1A		52	52	0	%100
93	MP3A	X	0	0	0	%100 %100
94	MP3A MP5C	<u>Z</u>	629	629	0	%100 %100
96	MP5C	X 	52	52	0	%100 %100
97	MP4C	X	0	0	0	%100 %100
98	MP4C	Z	52	52	0	%100 %100
99	MP2C	X	0	0	0	%100 %100
100	MP2C	Z	52	52	0	%100 %100
101	MP1C	X	0	0	0	%100 %100
102	MP1C	Z	52	52	0	%100 %100
103	MP3C	X	0	0	0	%100 %100
104	MP3C	Z	629	629	0	%100 %100
105	MP5B	X	0	0	0	%100 %100
106	MP5B	Z	52	52	0	%100 %100
107	MP4B	X	0	0	0	%100 %100
108	MP4B	Z	52	52	0	%100 %100
109	MP2B	X	0	0	0	%100 %100
110	MP2B	Z	52	52	0	%100 %100
111	MP1B	X	0	0	0	%100
112	MP1B	Z	52	52	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Ž	629	629	0	%100
115	M130	Χ	0	0	0	%100
116	M130	Z	366	366	0	%100
117	M131	Х	0	0	0	%100
118	M131	Z	092	092	0	%100
119	M134	Χ	0	0	0	%100
120	M134	Z	092	092	0	%100
121	OVP	Χ	0	0	0	%100
122	OVP	Z	474	474	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	.287	.287	0	%100
2	M1	Z	498	498	0	%100
3	M4	X	.097	.097	0	%100
4	M4	Z	168	168	0	%100
5	M10	X	.247	.247	0	%100
6	M10	Z	428	428	0	%100
7	M43	X	.247	.247	0	%100
8	M43	Z	428	428	0	%100
9	M46	X	.492	.492	0	%100
10	M46	Z	853	853	0	%100
11	M51B	X	.273	.273	0	%100
12	M51B	Z	474	474	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	.164	.164	0	%100
16	M76	Z	284	284	0	%100
17	M77	X	.502	.502	0	%100
18	M77	Z	869	869	0	%100
19	M80	X	.528	.528	0	%100
20	M80	Z	915	915	0	%100
21	M84	X	.164	.164	0	%100
22	M84	Z	284	284	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	.097	.097	0	%100
28	M26	Z	168	168	0	%100
29	M27	X	.247	.247	0	%100
30	M27	Z	428	428	0	%100
31	M28	X	.247	.247	0	%100
32	M28	Z	428	428	0	%100
33	M29	X	.492	.492	0	%100
34	M29	Z	853	853	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M33	X	.273	.273	0	%100
38	M33	Z	474	474	0	%100
39	M37	X	.164	.164	0	%100
40	M37	Z	284	284	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M42	X	.164	.164	0	%100
46	M42	Z	284	284	0	%100
47	M43A	X	.502	.502	0	%100
48	M43A	Z	869	869	0	%100
49	M45	X	.528	.528	0	%100
50	M45	Z	915	915	0	%100
51	M50A	X	.389	.389	0	%100
52	M50A	Z	674	674	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
58	M53	Z	0	0	0	%100
59	M56	X	.273	.273	0	%100
60	M56	Z	474	474	0	%100
61	M57	X	.273	.273	0	%100
62	M57	Z	474	474	0	%100
63	M61	X	.657	.657	0	%100
64	M61	Z	-1.137	-1.137	0	%100
65	M62	X	.502	.502	0	%100
66	M62	Z	869	869	0	%100
67	M64	X	.528	.528	0	%100
68	M64	Z	915	915	0	%100
69	M66	X	.657	.657	0	%100
70	M66	Z	-1.137	-1.137	0	%100
71	M67	X	.502	.502	0	%100
72	M67	Z	869	869	0	%100
73	M69	X	.528	.528	0	%100
74	M69	Z	915	915	0	%100
75	M74	X	.287	.287	0	%100
76	M74	Z	498	498	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	M79B	X	.195	.195	0	%100
80	M79B	Z	338	338	0	%100
81	M77A	X	.195	.195	0	%100
82	M77A	Z	338	338	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	.26	.26	0	%100
86	MP5A	Z	45	45	0	%100
87	MP4A	X	.26	.26	0	%100
88	MP4A	Z	45	45	0	%100
89	MP2A	X	.26	.26	0	%100
90	MP2A	Z	45	45	0	%100
91	MP1A	X	.26	.26	0	%100
92	MP1A	Z	45	45	0	%100
93	MP3A	X	.315	.315	0	%100
94	MP3A	Z	545	545	0	%100
95	MP5C	X	.26	.26	0	%100
96	MP5C	Z	45	45	0	%100
97	MP4C	X	.26	.26	0	%100
98	MP4C	Z	45	45	0	%100
99	MP2C	X	.26	.26	0	%100
100	MP2C	Z	45	45	0	%100
101	MP1C	X	.26	.26	0	%100
102	MP1C	Z	45	45	0	%100
103	MP3C	X	.315	.315	0	%100
104	MP3C	Z	545	545	0	%100
105	MP5B	X	.26	.26	0	%100
106	MP5B	Z	45	45	0	%100
107	MP4B	X	.26	.26	0	%100
108	MP4B	Z	45	45	0	%100
109	MP2B	X	.26	.26	0	%100
110	MP2B	Z	45	45	0	%100
111	MP1B	X	.26	.26	0	%100
112	MP1B	Z	45	45	0	%100
113	MP3B	X	.315	.315	0	%100
114	MP3B	Z	545	545	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
115	M130	X	.137	.137	0	%100
116	M130	Ζ	238	238	0	%100
117	M131	Χ	.137	.137	0	%100
118	M131	Ζ	238	238	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	OVP	Х	.237	.237	0	%100
122	OVP	Z	41	41	0	%100

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

1     M1     X     .166     .166     0       2     M1     Z    096    096     0       3     M4     X     .505     .505     0       4     M4     Z    292    292     0       5     M10     X     .143     .143     0       6     M10     Z    082    082     0	%100 %100 %100 %100 %100 %100 %100 %100
3     M4     X     .505     .505     0       4     M4     Z    292    292     0       5     M10     X     .143     .143     0       6     M10     Z    082    082     0	%100 %100 %100 %100 %100
3     M4     X     .505     .505     0       4     M4     Z    292    292     0       5     M10     X     .143     .143     0       6     M10     Z    082    082     0	%100 %100 %100 %100
4     M4     Z    292    292     0       5     M10     X     .143     .143     0       6     M10     Z    082    082     0	%100 %100 %100 %100
6 M10 Z082082 0	%100 %100
6 M10 Z082082 0	%100 %100
	%100
7 M43 X .143 .143 0	
8 M43 Z082082 0	
9 M46 X .284 .284 0	%100
10 M46 Z164164 0	%100
11 M51B X .631 .631 0	%100
12 M51B Z365365 0	%100
13 M52B X .158 .158 0	%100
14 M52B Z091091 0	%100
15 M76 X .853 .853 0	%100
16 M76 Z492492 0	%100
17 M77 X 1.158 1.158 0	%100
18 M77 Z669669 0	%100
19 M80 X 1.22 1.22 0	%100
20 M80 Z704704 0	%100
21 M84 X .853 .853 0	%100
22 M84 Z492492 0	%100
23 M85 X .29 .29 0	%100
24 M85 Z167167 0	%100
25 M91 X .305 .305 0	%100
26 M91 Z176176 0	%100
27 M26 X 0 0 0	%100
28 M26 Z 0 0 0	%100
29 M27 X .57 .57 0	%100
30 M27 Z329329 0	%100
31 M28 X .57 .57 0	%100
32 M28 Z329329 O	%100
33 M29 X 1.137 1.137 0	%100
34 M29 Z657657 O	%100
35 M32 X .158 .158 0	%100
36 M32 Z091091 0	%100
37 M33 X .158 .158 0	%100
38 M33 Z091091 0	%100
39 M37 X 0 0 0	%100
40 M37 Z 0 0 0	%100
41 M38 X .29 .29 0	%100
42 M38 Z167167 0	%100
43 M40 X .305 .305 0	%100
44 M40 Z176176 0	%100
45 M42 X 0 0 0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
46	M42	Z	0	0	0	%100
47	M43A	X	.29	.29	0	%100
48	M43A	Z	167	167	0	%100
49	M45	X	.305	.305	0	%100
50	M45	Z	176	176	0	%100
51	M50A	X	.505	.505	0	%100
52	M50A	Z	292	292	0	%100
53	M51C	X	.143	.143	0	%100
54	M51C	Z	082	082	0	%100
55	M52A	X	.143	.143	0	%100
56	M52A	Z	082	082	0	%100
57	M53	X	.284	.284	0	%100
58	M53	Z	164	164	0	%100
59	M56	X	.158	.158	0	%100
60	M56	Z	091	091	0	%100
61	M57	X	.631	.631	0	%100
62	M57	Z	365	365	0	%100
63	M61	X	.853	.853	0	%100
64	M61	Z	492	492	0	%100
65	M62	X	.29	.29	0	%100
66	M62	Z	167	167	0	%100
67	M64	X	.305	.305	0	%100
68	M64	Z	176	176	0	%100
69	M66	X	.853	.853	0	%100
70	M66	Z	492	492	0	%100
71	M67	X	1.158	1.158	0	%100
72	M67	Z	669	669	0	%100
73	M69	X	1.22	1.22	0	%100
74	M69	Z	704	704	0	%100
75	M74	X	.663	.663	0	%100
76	M74	Z	383	383	0	%100
77	M75	X	.166	.166	0	%100
78	M75	Z	096	096	0	%100
79	M79B	X	.113	.113	0	%100
80	M79B	Z	065	065	0	%100
81	M77A	X	.45	.45	0	%100
82	M77A	Z	26	26	0	%100
83	M78	X	.113	.113	0	%100
84	M78	Z	065	065	0	%100
85	MP5A	X	.45	.45	0	%100
86	MP5A	Z	26	26	0	%100
87	MP4A	X	.45	.45	0	%100
88	MP4A	Z	26	26	0	%100
89	MP2A	X	.45	.45	0	%100
90	MP2A	Z	26	26	0	%100
91	MP1A	X	.45	.45	0	%100
92	MP1A	Z	26	26	0	%100
93	MP3A	X	.545	.545	0	%100
94	MP3A	Z	315	315	0	%100
95	MP5C	X	.45	.45	0	%100
96	MP5C	Z	26	26	0	%100
97	MP4C	X	.45	.45	0	%100
98	MP4C	Z	26	26	0	%100
99	MP2C	X	.45	.45	0	%100
100	MP2C	Z	26	26	0	%100
101	MP1C	X	.45	.45	0	%100
102	MP1C	Z	26	26	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
103	MP3C	Χ	.545	.545	0	%100
104	MP3C	Z	315	315	0	%100
105	MP5B	X	.45	.45	0	%100
106	MP5B	Z	26	26	0	%100
107	MP4B	X	.45	.45	0	%100
108	MP4B	Z	26	26	0	%100
109	MP2B	X	.45	.45	0	%100
110	MP2B	Z	26	26	0	%100
111	MP1B	X	.45	.45	0	%100
112	MP1B	Z	26	26	0	%100
113	MP3B	Χ	.545	.545	0	%100
114	MP3B	Z	315	315	0	%100
115	M130	X	.079	.079	0	%100
116	M130	Z	046	046	0	%100
117	M131	Χ	.317	.317	0	%100
118	M131	Z	183	183	0	%100
119	M134	Χ	.079	.079	0	%100
120	M134	Z	046	046	0	%100
121	OVP	Χ	.41	.41	0	%100
122	OVP	Z	237	237	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	Х	.778	.778	0	%100
4	M4	Z	0	0	0	%100
5	M10	Х	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	Χ	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	Х	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	Х	.547	.547	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	Х	.547	.547	0	%100
14	M52B	Z	0	0	0	%100
15	M76	Х	1.313	1.313	0	%100
16	M76	Z	0	0	0	%100
17	M77	Χ	1.003	1.003	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	1.057	1.057	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	1.313	1.313	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	1.003	1.003	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	1.057	1.057	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	.195	.195	0	%100
28	M26	Z	0	0	0	%100
29	M27	Х	.494	.494	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	.494	.494	0	%100
32	M28	Z	0	0	0	%100
33	M29	Χ	.985	.985	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
34	M29	Z	0	0	0	%100
35	M32	X	.547	.547	0	%100
36	M32	Z	0	0	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	0	0	0	%100
39	M37	X	.328	.328	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	1.003	1.003	0	%100
42	M38	Z	0	0	0	%100
43	M40	X	1.057	1.057	0	%100
44	M40	Z	0	0	0	%100
45	M42	X	.328	.328	0	%100
46	M42	Z	0	0	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	0	0	0	%100
51	M50A	X	.195	.195	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	.494	.494	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	.494	.494	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	.985	.985	0	%100
58	M53	Z	0	0	0	%100
59	M56	X	0	0	0	%100
60	<u>M56</u>	Z	0	0	0	%100
61	<u>M57</u>	X	.547	.547	0	%100
62	M57	Z	0	0	0	%100
63	M61	X	.328	.328	0	%100
64	M61	Z	0	0	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M66	X	.328	.328	0	%100
70	M66	Z	0	0	0	%100
71	M67	X Z	1.003	1.003	0	%100 %400
72	M67	X			0	%100 %100
73	M69 M69		1.057	1.057	0	%100 %100
74 75	М69 М74	Z	.574	.574	0	%100 %100
76	M74	X Z	.574	.574	0	%100 %100
77	M75	X	.574	.574	0	%100 %100
78	M75	Z	.574	.574	0	%100 %100
79	M79B	X	0	0	0	%100 %100
80	M79B	Z	0	0	0	%100 %100
81	M77A	X	.39	.39	0	%100 %100
82	M77A	Z	.39	.39	0	%100 %100
83	M78	X	.39	.39	0	%100 %100
84	M78	Z	.59	0	0	%100 %100
85	MP5A	X	.52	.52	0	%100 %100
86	MP5A	Z	0	0	0	%100 %100
87	MP4A	X	.52	.52	0	%100 %100
88	MP4A	Z	0	0	0	%100 %100
89	MP2A	X	.52	.52	0	%100 %100
90	MP2A	Z	0	0	0	%100 %100
50	IVII Z/\		U	U	U	/0100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]_
91	MP1A	X	.52	.52	0	%100
92	MP1A	Z	0	0	0	%100
93	MP3A	X	.629	.629	0	%100
94	MP3A	Z	0	0	0	%100
95	MP5C	Х	.52	.52	0	%100
96	MP5C	Z	0	0	0	%100
97	MP4C	Х	.52	.52	0	%100
98	MP4C	Z	0	0	0	%100
99	MP2C	Х	.52	.52	0	%100
100	MP2C	Z	0	0	0	%100
101	MP1C	Х	.52	.52	0	%100
102	MP1C	Z	0	0	0	%100
103	MP3C	Х	.629	.629	0	%100
104	MP3C	Z	0	0	0	%100
105	MP5B	X	.52	.52	0	%100
106	MP5B	Z	0	0	0	%100
107	MP4B	Х	.52	.52	0	%100
108	MP4B	Z	0	0	0	%100
109	MP2B	Х	.52	.52	0	%100
110	MP2B	Z	0	0	0	%100
111	MP1B	Х	.52	.52	0	%100
112	MP1B	Z	0	0	0	%100
113	MP3B	Х	.629	.629	0	%100
114	MP3B	Z	0	0	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	0	0	0	%100
117	M131	Х	.275	.275	0	%100
118	M131	Z	0	0	0	%100
119	M134	Χ	.275	.275	0	%100
120	M134	Z	0	0	0	%100
121	OVP	Х	.474	.474	0	%100
122	OVP	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	.166	.166	0	%100
2	M1	Z	.096	.096	0	%100
3	M4	X	.505	.505	0	%100
4	M4	Z	.292	.292	0	%100
5	M10	X	.143	.143	0	%100
6	M10	Z	.082	.082	0	%100
7	M43	Χ	.143	.143	0	%100
8	M43	Z	.082	.082	0	%100
9	M46	X	.284	.284	0	%100
10	M46	Z	.164	.164	0	%100
11	M51B	X	.158	.158	0	%100
12	M51B	Z	.091	.091	0	%100
13	M52B	X	.631	.631	0	%100
14	M52B	Z	.365	.365	0	%100
15	M76	X	.853	.853	0	%100
16	M76	Ζ	.492	.492	0	%100
17	M77	Χ	.29	.29	0	%100
18	M77	Z	.167	.167	0	%100
19	M80	X	.305	.305	0	%100
20	M80	Z	.176	.176	0	%100
21	M84	Χ	.853	.853	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
22	M84	Z	.492	.492	0	%100
23	M85	X	1.158	1.158	0	%100
24	M85	Z	.669	.669	0	%100
25	M91	X	1.22	1.22	0	%100
26	M91	Z	.704	.704	0	%100
27	M26	X	.505	.505	0	%100
28	M26	Z	.292	.292	0	%100
29	<u>M27</u>	X	.143	.143	0	%100
30	M27	Z	.082	.082	0	%100
31	M28	X	.143	.143	0	%100
32	M28	Z	.082	.082	0	%100
33	M29	X	.284	.284	0	%100
34	M29	Z	.164	.164	0	%100
35	M32	X	.631	.631	0	%100
36	M32	Z	.365	.365	0	%100
37	M33	X	.158	.158	0	%100
38	<u>M33</u>	Z	.091	.091	0	%100
39	M37	X	.853	.853	0	%100
40	M37	Z	.492	.492	0	%100
41	M38	X	1.158	1.158	0	%100
42	M38	Z	.669	.669	0	%100
43	M40	X	1.22	1.22	0	%100
44	M40	Z	.704	.704	0	%100
45	M42	X	.853	.853	0	%100
46	M42	Z	.492	.492	0	%100
47	M43A	X	.29	.29	0	%100
48	M43A	Z	.167	.167	0	%100
49	M45	X Z	.305	.305	0	%100
50	M45		.176	.176	0	%100
51	M50A	X Z	0	0	0	%100 %400
52	M50A		.57		0	%100 %400
53	M51C	X Z		.57	0	%100 %100
54 55	M51C M52A	X	.329 .57	.329 .57	0	%100 %100
56	M52A	Z	.329	.329	0	%100 %100
57	M53	X	1.137	1.137	0	%100 %100
58	M53	Z	.657	.657	0	%100 %100
59	M56	X	.158	.158	0	%100 %100
60	M56	Z	.091	.091	0	%100 %100
61	M57	X	.158	.158	0	%100 %100
62	M57	Z	.091	.091	0	%100 %100
63	M61	X	0	0	0	%100 %100
64	M61	Z	0	0	0	%100 %100
65	M62	X	.29	.29	0	%100 %100
66	M62	Z	.167	.167	0	%100 %100
67	M64	X	.305	.305	0	%100 %100
68	M64	Z	.176	.176	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	.29	.29	0	%100
72	M67	Z	.167	.167	0	%100
73	M69	X	.305	.305	0	%100
74	M69	Z	.176	.176	0	%100
75	M74	X	.166	.166	0	%100
76	M74	Z	.096	.096	0	%100
77	M75	X	.663	.663	0	%100
78	M75	Z	.383	.383	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
79	M79B	X	.113	.113	0	%100
80	M79B	Z	.065	.065	0	%100
81	M77A	Х	.113	.113	0	%100
82	M77A	Z	.065	.065	0	%100
83	M78	Х	.45	.45	0	%100
84	M78	Z	.26	.26	0	%100
85	MP5A	Х	.45	.45	0	%100
86	MP5A	Z	.26	.26	0	%100
87	MP4A	Х	.45	.45	0	%100
88	MP4A	Z	.26	.26	0	%100
89	MP2A	X	.45	.45	0	%100
90	MP2A	Z	.26	.26	0	%100
91	MP1A	X	.45	.45	0	%100
92	MP1A	Z	.26	.26	0	%100
93	MP3A	X	.545	.545	0	%100
94	MP3A	Z	.315	.315	0	%100
95	MP5C	Х	.45	.45	0	%100
96	MP5C	Z	.26	.26	0	%100
97	MP4C	X	.45	.45	0	%100
98	MP4C	Z	.26	.26	0	%100
99	MP2C	X	.45	.45	0	%100
100	MP2C	Z	.26	.26	0	%100
101	MP1C	X	.45	.45	0	%100
102	MP1C	Z	.26	.26	0	%100
103	MP3C	X	.545	.545	0	%100
104	MP3C	Z	.315	.315	0	%100
105	MP5B	X	.45	.45	0	%100
106	MP5B	Z	.26	.26	0	%100
107	MP4B	X	.45	.45	0	%100
108	MP4B	Z	.26	.26	0	%100
109	MP2B	X	.45	.45	0	%100
110	MP2B	Z	.26	.26	0	%100
111	MP1B	Х	.45	.45	0	%100
112	MP1B	Z	.26	.26	0	%100
113	MP3B	X	.545	.545	0	%100
114	MP3B	Z	.315	.315	0	%100
115	M130	Х	.079	.079	0	%100
116	M130	Z	.046	.046	0	%100
117	M131	X	.079	.079	0	%100
118	M131	Z	.046	.046	0	%100
119	M134	X	.317	.317	0	%100
120	M134	Z	.183	.183	0	%100
121	OVP	Х	.41	.41	0	%100
122	OVP	Z	.237	.237	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	.287	.287	0	%100
2	M1	Z	.498	.498	0	%100
3	M4	X	.097	.097	0	%100
4	M4	Z	.168	.168	0	%100
5	M10	X	.247	.247	0	%100
6	M10	Z	.428	.428	0	%100
7	M43	Х	.247	.247	0	%100
8	M43	Z	.428	.428	0	%100
9	M46	X	.492	.492	0	%100

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

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	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F.	Start Location[ft,%]	End Location[ft,%]
10	M46	Z	.853	.853	0	%100
11	M51B	Χ	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	.273	.273	0	%100
14	M52B	Z	.474	.474	0	%100 %100
15	M76	X	.164	.164		
					0	%100
16	M76	Z	.284	.284	0	%100
17	<u>M77</u>	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	.164	.164	0	%100
22	M84	Z	.284	.284	0	%100
23	M85	X	.502	.502	0	%100
24	M85	Z	.869	.869	0	%100
25	M91	X	.528	.528	0	%100
26	M91	Z	.915	.915	0	%100
27	M26	X	.389	.389	0	%100 %100
28	M26	Z	.674	.674	0	%100 %100
				0	0	%100 %100
29	M27	X	0			
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M32	X	.273	.273	0	%100
36	M32	Z	.474	.474	0	%100
37	M33	X	.273	.273	0	%100
38	M33	Z	.474	.474	0	%100
39	M37	X	.657	.657	0	%100
40	M37	Z	1.137	1.137	0	%100
41	M38	X	.502	.502	0	%100
42	M38	Z	.869	.869	0	%100
43	M40	X	.528	.528	0	%100 %100
44	M40	Z	.915	.915	0	%100 %100
45	M42	X	.657	.657	0	%100
46	M42	Z	1.137	1.137	0	%100
47	M43A	X	.502	.502	0	%100
48	M43A	Z	.869	.869	0	%100
49	M45	X	.528	.528	0	%100
50	M45	Z	.915	.915	0	%100
51	M50A	X	.097	.097	0	%100
52	M50A	Z	.168	.168	0	%100
53	M51C	X	.247	.247	0	%100
54	M51C	Z	.428	.428	0	%100
55	M52A	X	.247	.247	0	%100
56	M52A	Z	.428	.428	0	%100 %100
57	M53	X	.492	.492	0	%100 %100
58		Z	.853	.853	0	%100 %100
	M53					
59	M56	X	.273	.273	0	%100
60	M56	Z	.474	.474	0	%100
61	<u>M57</u>	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	M61	X	.164	.164	0	%100
64	M61	Z	.284	.284	0	%100
65	M62	Χ	.502	.502	0	%100
66	M62	Z	.869	.869	0	%100
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## Member Distributed Loads (BLC 70 : Structure Wm (150 Deg)) (Continued)

	Member Label	Direction		End Magnitude[lb/ft,F	-	End Location[ft,%]
67	M64	X	.528	.528	0	%100
68	M64	Z	.915	.915	0	%100
69	M66	X	.164	.164	0	%100
70	M66	Z	.284	.284	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	0	0	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	0	0	0	%100
75	M74	Х	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	Х	.287	.287	0	%100
78	M75	Z	.498	.498	0	%100
79	M79B	Χ	.195	.195	0	%100
80	M79B	Z	.338	.338	0	%100
81	M77A	Х	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M78	Χ	.195	.195	0	%100
84	M78	Z	.338	.338	0	%100
85	MP5A	Χ	.26	.26	0	%100
86	MP5A	Z	.45	.45	0	%100
87	MP4A	Χ	.26	.26	0	%100
88	MP4A	Z	.45	.45	0	%100
89	MP2A	Χ	.26	.26	0	%100
90	MP2A	Z	.45	.45	0	%100
91	MP1A	X	.26	.26	0	%100
92	MP1A	Z	.45	.45	0	%100
93	MP3A	X	.315	.315	0	%100
94	MP3A	Z	.545	.545	0	%100
95	MP5C	X	.26	.26	0	%100
96	MP5C	Z	.45	.45	0	%100
97	MP4C	X	.26	.26	0	%100
98	MP4C	Z	.45	.45	0	%100
99	MP2C	X	.26	.26	0	%100
100	MP2C	Z	.45	.45	0	%100
101	MP1C	X	.26	.26	0	%100
102	MP1C	Z	.45	.45	0	%100
103	MP3C	X	.315	.315	0	%100
104	MP3C	Z	.545	.545	0	%100
105	MP5B	X	.26	.26	0	%100
106	MP5B	Z	.45	.45	0	%100
107	MP4B	X	.26	.26	0	%100
108	MP4B	Z	.45	.45	0	%100
109	MP2B	X	.26	.26	0	%100
110	MP2B	Z	.45	.45	0	%100 %100
111	MP1B	X	.26	.26	0	%100
112	MP1B	Z	.45	.45	0	%100 %100
113	MP3B	X	.315	.315	0	%100 %400
114	MP3B	<u>Z</u>	.545	.545	0	%100 %100
115	M130	X 	.137	.137	0	%100 %100
116 117	M130	X	.238	.238	0	%100 %100
	M131	X 	0	0	0	
118	M131		127			%100 %100
119	M134 M134	X Z	.137	.137	0	%100 %100
120 121	OVP	X	.238 .237	.238 .237	0	%100 %100
121	OVP	X 	.237	.237	0	%100 %100
122	UVP		.41	.41	U	70 100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.766	.766	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.658	.658	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	.658	.658	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	1.313	1.313	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	.182	.182	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	.182	.182	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	.334	.334	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	.352	.352	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	.334	.334	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	.352	.352	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	.584	.584	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	.165	.165	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	.165	.165	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	.328	.328	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	.182	.182	0	%100
37	M33	X	0	0	0	%100
38	<u>M33</u>	Z	.729	.729	0	%100
39	<u>M37</u>	X	0	0	0	%100
40	M37	Z	.985	.985	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	.334	.334	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	.352	.352	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	.985	.985	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	1.337	1.337	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	1.409	1.409	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	.584	.584	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	.165	.165	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	.165	.165	0	%100
57	M53	X	0	0	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
58	M53	Z	.328	.328	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	.729	.729	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	.182	.182	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	.985	.985	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	1.337	1.337	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	1.409	1.409	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	.985	.985	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	.334	.334	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	.352	.352	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	.191	.191	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	.191	.191	0	%100
79	M79B	X	0	0	0	%100
80	M79B	Z	.52	.52	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	.13	.13	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	.13	.13	0	%100
85	MP5A	X	0	0	0	%100
86	MP5A	Z	.52	.52	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	.52	.52	0	%100
89	MP2A	X	0	0	0	%100
90	MP2A	Z	.52	.52	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	.52	.52	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	.629	.629	0	%100
95	MP5C	X	0	0	0	%100
96	MP5C	Z	.52	.52	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	.52	.52	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	.52	.52	0	%100
101	MP1C	X	0	0	0	%100
102	MP1C	Z	.52	.52	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	.629	.629	0	%100
105	MP5B	X	0	0	0	%100
106	MP5B	Z	.52	.52	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	.52	.52	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	.52	.52	0	%100
111	MP1B	X	0	0	0	%100
112	MP1B	Z	.52	.52	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	.629	.629	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
115	M130	X	0	0	0	%100
116	M130	Z	.366	.366	0	%100
117	M131	Χ	0	0	0	%100
118	M131	Z	.092	.092	0	%100
119	M134	Χ	0	0	0	%100
120	M134	Z	.092	.092	0	%100
121	OVP	Х	0	0	0	%100
122	OVP	Z	.474	.474	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	287	287	0	%100
2	M1	Z	.498	.498	0	%100
3	M4	X	097	097	0	%100
4	M4	Z	.168	.168	0	%100
5	M10	X	247	247	0	%100
6	M10	Z	.428	.428	0	%100
7	M43	X	247	247	0	%100
8	M43	Z	.428	.428	0	%100
9	M46	X	492	492	0	%100
10	M46	Z	.853	.853	0	%100
11	M51B	X	273	273	0	%100
12	M51B	Z	.474	.474	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	164	164	0	%100
16	M76	Z	.284	.284	0	%100
17	M77	Х	502	502	0	%100
18	M77	Z	.869	.869	0	%100
19	M80	X	528	528	0	%100
20	M80	Z	.915	.915	0	%100
21	M84	Х	164	164	0	%100
22	M84	Z	.284	.284	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	Х	097	097	0	%100
28	M26	Z	.168	.168	0	%100
29	M27	X	247	247	0	%100
30	M27	Z	.428	.428	0	%100
31	M28	X	247	247	0	%100
32	M28	Z	.428	.428	0	%100
33	M29	X	492	492	0	%100
34	M29	Z	.853	.853	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M33	X	273	273	0	%100
38	M33	Z	.474	.474	0	%100
39	M37	X	164	164	0	%100
40	M37	Z	.284	.284	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M42	X	164	164	0	%100

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

		•	<u> </u>			
	Member Label	Direction		.End Magnitude[lb/ft,F.	Start Location[ft,%]	End Location[ft,%]
46	M42	Z	.284	.284	0	%100
47	M43A	X	502	502	0	%100
48	M43A	Z	.869	.869	0	%100
49	M45	X	528	528	0	%100
50	M45	Z	.915	.915	0	%100
51	M50A	X	389	389	0	%100
52	M50A	Z	.674	.674	0	%100
53	M51C	X	0	0	0	%100 %100
54	M51C	Z	0	0	0	%100 %100
55	M52A	X	0	0	0	%100 %100
		Z				
56	M52A		0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	<u>M56</u>	X	273	273	0	%100
60	M56	Z	.474	.474	0	%100
61	M57	X	273	273	0	%100
62	M57	Z	.474	.474	0	%100
63	M61	X	657	657	0	%100
64	M61	Z	1.137	1.137	0	%100
65	M62	X	502	502	0	%100
66	M62	Z	.869	.869	0	%100
67	M64	X	528	528	0	%100
68	M64	Z	.915	.915	0	%100
69	M66	X	657	657	0	%100
70	M66	Z	1.137	1.137	0	%100 %100
71	M67	X	502	502	0	%100 %100
72	M67	Z	.869	.869	0	%100 %100
73	M69	X	528	528	0	%100 %400
74	M69	Z	.915	.915	0	%100
75	M74	X	287	287	0	%100
76	<u>M74</u>	Z	.498	.498	0	%100
77	<u>M75</u>	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	M79B	X	195	195	0	%100
80	M79B	Z	.338	.338	0	%100
81	M77A	X	195	195	0	%100
82	M77A	Z	.338	.338	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	26	26	0	%100
86	MP5A	Z	.45	.45	0	%100
87	MP4A	X	26	26	0	%100
88	MP4A	Z	.45	.45	0	%100 %100
89	MP2A	X	26	26	0	%100 %100
90	MP2A	Z	.45	.45	0	%100 %100
91	MP1A	X	26	26	0	%100 %100
92		Z		.45	0	%100 %100
	MP1A		.45			
93	MP3A	X	315	315	0	%100
94	MP3A	Z	.545	.545	0	%100
95	MP5C	X	26	26	0	%100
96	MP5C	Z	.45	.45	0	%100
97	MP4C	X	26	26	0	%100
98	MP4C	Z	.45	.45	0	%100
99	MP2C	X	26	26	0	%100
100	MP2C	Z	.45	.45	0	%100
101	MP1C	X	26	26	0	%100
102	MP1C	Z	.45	.45	0	%100
					·	

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
103	MP3C	X	315	315	0	%100
104	MP3C	Z	.545	.545	0	%100
105	MP5B	X	26	26	0	%100
106	MP5B	Z	.45	.45	0	%100
107	MP4B	X	26	26	0	%100
108	MP4B	Z	.45	.45	0	%100
109	MP2B	X	26	26	0	%100
110	MP2B	Z	.45	.45	0	%100
111	MP1B	X	26	26	0	%100
112	MP1B	Z	.45	.45	0	%100
113	MP3B	Χ	315	315	0	%100
114	MP3B	Z	.545	.545	0	%100
115	M130	X	137	137	0	%100
116	M130	Z	.238	.238	0	%100
117	M131	Χ	137	137	0	%100
118	M131	Z	.238	.238	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	OVP	Χ	237	237	0	%100
122	OVP	Z	.41	.41	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	166	166	0	%100
2	M1	Ζ	.096	.096	0	%100
3	M4	Χ	505	505	0	%100
4	M4	Z	.292	.292	0	%100
5	M10	X	143	143	0	%100
6	M10	Z	.082	.082	0	%100
7	M43	Χ	143	143	0	%100
8	M43	Z	.082	.082	0	%100
9	M46	Х	284	284	0	%100
10	M46	Z	.164	.164	0	%100
11	M51B	Χ	631	631	0	%100
12	M51B	Z	.365	.365	0	%100
13	M52B	Χ	158	158	0	%100
14	M52B	Z	.091	.091	0	%100
15	M76	Х	853	853	0	%100
16	M76	Z	.492	.492	0	%100
17	M77	Χ	-1.158	-1.158	0	%100
18	M77	Z	.669	.669	0	%100
19	M80	X	-1.22	-1.22	0	%100
20	M80	Z	.704	.704	0	%100
21	M84	X	853	853	0	%100
22	M84	Z	.492	.492	0	%100
23	M85	X	29	29	0	%100
24	M85	Z	.167	.167	0	%100
25	M91	X	305	305	0	%100
26	M91	Z	.176	.176	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	Χ	57	57	0	%100
30	M27	Z	.329	.329	0	%100
31	M28	Χ	57	57	0	%100
32	M28	Z	.329	.329	0	%100
33	M29	Χ	-1.137	-1.137	0	%100



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

	Manahanlahal		Ctart Magnitude III /ft			End Location [ft 0/1
34	Member Label M29	Direction Z	.657	.End Magnitude[lb/ft,F	0	End Location[ft,%] %100
35	M32	X	158	158	0	%100 %100
36	M32	Z	.091	.091	0	%100 %100
37	M33	X	158	158	0	%100 %100
38	M33	Z	.091	.091	0	%100 %100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100 %100
41	M38	X	29	29	0	%100
42	M38	Z	.167	.167	0	%100
43	M40	X	305	305	0	%100
44	M40	Z	.176	.176	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M43A	X	29	29	0	%100
48	M43A	Z	.167	.167	0	%100
49	M45	Х	305	305	0	%100
50	M45	Z	.176	.176	0	%100
51	M50A	Χ	505	505	0	%100
52	M50A	Z	.292	.292	0	%100
53	M51C	X	143	143	0	%100
54	M51C	Z	.082	.082	0	%100
55	M52A	X	143	143	0	%100
56	M52A	Z	.082	.082	0	%100
57	M53	X	284	284	0	%100
58	M53	Z	.164	.164	0	%100
59	M56	X	158	158	0	%100
60	M56	Z	.091	.091	0	%100
61	M57	X	631	631	0	%100
62	M57	Z	.365	.365	0	%100
63	M61	<u>X</u>	853	853	0	%100
64	M61	Z	.492	.492	0	%100
65	M62	<u>X</u>	29	29	0	%100
66	M62	Z	.167	.167	0	%100
67	M64	X	305	305	0	%100
68	M64	Z	.176	.176	0	%100
69	M66	X 	853	853	0	%100
70	M66 M67		.492	.492	0	%100 %100
72	M67	X Z	-1.158 .669	-1.158 .669	0	%100 %100
73	M69	X	-1.22	-1.22	0	%100 %100
74	M69	Z	.704	.704	0	%100 %100
75	M74	X	663	663	0	%100 %100
76	M74	Z	.383	.383	0	%100 %100
77	M75	X	166	166	0	%100 %100
78	M75	X Z	.096	.096	0	%100 %100
79	M79B	X	113	113	0	%100 %100
80	M79B	Z	.065	.065	0	%100
81	M77A	X	45	45	0	%100
82	M77A	Ž	.26	.26	0	%100
83	M78	Χ	113	113	0	%100
84	M78	Z	.065	.065	0	%100
85	MP5A	X	45	45	0	%100
86	MP5A	Z	.26	.26	0	%100
87	MP4A	X Z	45	45	0	%100
88	MP4A		.26	.26	0	%100
89	MP2A	Χ	45	45	0	%100
90	MP2A	Z	.26	.26	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
91	MP1A	X	45	45	0	%100
92	MP1A	Z	.26	.26	0	%100
93	MP3A	X	545	545	0	%100
94	MP3A	Z	.315	.315	0	%100
95	MP5C	Х	45	45	0	%100
96	MP5C	Z	.26	.26	0	%100
97	MP4C	Х	45	45	0	%100
98	MP4C	Z	.26	.26	0	%100
99	MP2C	X	45	45	0	%100
100	MP2C	Z	.26	.26	0	%100
101	MP1C	Х	45	45	0	%100
102	MP1C	Z	.26	.26	0	%100
103	MP3C	X	545	545	0	%100
104	MP3C	Z	.315	.315	0	%100
105	MP5B	Х	45	45	0	%100
106	MP5B	Z	.26	.26	0	%100
107	MP4B	Х	45	45	0	%100
108	MP4B	Z	.26	.26	0	%100
109	MP2B	Х	45	45	0	%100
110	MP2B	Z	.26	.26	0	%100
111	MP1B	X	45	45	0	%100
112	MP1B	Z	.26	.26	0	%100
113	MP3B	Х	545	545	0	%100
114	MP3B	Z	.315	.315	0	%100
115	M130	Х	079	079	0	%100
116	M130	Z	.046	.046	0	%100
117	M131	Х	317	317	0	%100
118	M131	Z	.183	.183	0	%100
119	M134	X	079	079	0	%100
120	M134	Z	.046	.046	0	%100
121	OVP	X	41	41	0	%100
122	OVP	Z	.237	.237	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	778	778	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	547	547	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	547	547	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-1.313	-1.313	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-1.003	-1.003	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	-1.057	-1.057	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-1.313	-1.313	0	%100

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

Member Label   Direction   Slant Maconitudellibrili. Fold Maconitudellibrilibrili. Fold Maconitudellibrilibrilibrilibrilibrilibrilibrilib				r. Otractare Wii			
23	00			_	_	_	
24				•	•	-	
25							
26				-		-	
27							
28				-			
29			X				
30				-		0	
31				494			
Signature   Sign							
33			X	494	494		
34				-	-		
35				985	985	0	
36							
37				547	547		
38	36			0		0	%100
39			X	0		0	
40	38	M33	Z	0	-	0	
41         M38         X         -1.003         -1.003         0         %100           42         M38         Z         0         0         0         %100           43         M40         X         -1.057         -1.057         0         %100           44         M40         Z         0         0         0         %100           45         M42         X        328        328         0         %100           46         M42         Z         0         0         0         %100           46         M42         Z         0         0         0         %100           47         M43A         X         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         0         %100           51         M50A         X        195        195         0         %100           52         M50A         Z         0         0         0         %100           52         M50A         Z         0         0	39			328	328		
42         M38         Z         0         0         9/100           43         M40         X         -1.057         -1.057         0         %100           44         M40         Z         0         0         0         %100           45         M42         X         -328         -328         0         %100           46         M42         Z         0         0         0         %100           47         M43A         X         0         0         0         %100           48         M43A         Z         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         0         %100           51         M50A         X         -195         -195         0         %100           52         M50A         Z         0         0         0         %100           52         M50A         Z         0         0         0         %100           54         M51C         X         -494         -494         0				-			
43         M40         X         -1.057         -1.057         0         %100           44         M40         Z         0         0         0         %100           45         M42         X         -328         -328         0         %6100           46         M42         Z         0         0         0         %6100           47         M43A         X         0         0         0         %6100           48         M43A         X         0         0         0         %6100           49         M45         X         0         0         0         %6100           50         M45         Z         0         0         0         %6100           51         M50A         X        195        195         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X        494        494         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X        494 <t-< td=""><td></td><td></td><td>X</td><td>-1.003</td><td>-1.003</td><td>0</td><td></td></t-<>			X	-1.003	-1.003	0	
44         M40         Z         0         0         96100           45         M42         X        328        328         0         %100           46         M42         Z         0         0         0         %100           47         M43A         X         0         0         0         %100           48         M43A         Z         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         0         %100           51         M50A         X        195        195         0         %100           52         M50A         Z         0         0         0         %100           52         M50C         X        494        494         0         %100           54         M51C         X        494        494         0         %100           55         M52A         X        494        494         0         %100           56         M52A         Z         0         0 <td< td=""><td></td><td></td><td></td><td>-</td><td>-</td><td></td><td></td></td<>				-	-		
45         M42         X        328        328         0         %100           46         M42         Z         0         0         0         %100           47         M43A         X         0         0         0         %100           48         M43A         Z         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         0         %100           51         M50A         X        195        195         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X        494        494         0         %100           54         M51C         Z         -0         0         0         %100           55         M52A         X        494        494         0         %100           56         M52A         X        494        494         0         %100           56         M52A         X        095	43	M40	X	-1.057	-1.057	0	%100
46         M42         Z         0         0         %100           47         M43A         X         0         0         0         %100           48         M43A         Z         0         0         0         %100           49         M45         X         0         0         0         %100           50         M45         Z         0         0         0         %100           51         M50A         X         -195         -195         0         %100           52         M50A         Z         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X         -494         -494         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X         -494         -494         0         %100           56         M52A         X         -494         -494         0         %100           57         M53         X         -985         0         0				•	•	0	
47         M43A         X         0         0         0         %100           48         M43A         Z         0         0         0         %100           50         M45         X         0         0         0         %100           51         M50A         X        195        195         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X        494        494         0         %100           54         M51C         Z         0         0         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X        494        494         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X        985        985         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         0         0				328	328		
48         M43A         Z         0         0         %100           50         M45         X         0         0         0         %100           51         M50A         X        195        195         0         %100           52         M50A         Z         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X        494        494         0         %100           54         M51C         Z         0         0         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X        494        494         0         %100           56         M52A         X        985         0         %100         5           56         M52A         Z         0         0         0         %100           57         M53         X        985        985         0         %100           58         M53         Z         0         0         0<	46			0	0	0	%100
49         M45         X         0         0         0         %100           50         M45         Z         0         0         0         %100           51         M50A         X        195         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X        494        494         0         %100           54         M51C         Z         0         0         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X        494        494         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X        985        985         0         %100           57         M53         X        985        985         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         0         0         0 <td>47</td> <td>M43A</td> <td>X</td> <td>0</td> <td>0</td> <td>0</td> <td>%100</td>	47	M43A	X	0	0	0	%100
50         M45         Z         0         0         %100           51         M50A         X        195        195         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X        494        494         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X        494        494         0         %100           56         M52A         Z         0         0         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X        985        985         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         0         0         0         %100           60         M56         X         0         0         0         %100           61         M57         X        547        547         0	48	M43A	Z	0	0	0	%100
51         M50A         X        195        195         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X        494        494         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X        494        494         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X        985        985         0         %100           58         M53         Z         0         0         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         0         0         0         %100           60         M57         X        547        547         0         %100           61         M57         X        547        547         0         %100           62         M57         Z         0	49	M45	X	0	0	0	%100
52         M50A         Z         0         0         %100           53         M51C         X        494        494         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X        494        494         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X        985        985         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         0         0         0         %100           61         M57         X        547        547         0         %100           62         M57         Z         0         0         0         %100           63         M61         X        328        328         0         %100           64         M61         Z         0         0         0 </td <td>50</td> <td>M45</td> <td>Z</td> <td>0</td> <td>0</td> <td>0</td> <td>%100</td>	50	M45	Z	0	0	0	%100
53         M51C         X        494        494         0         %100           54         M51C         Z         0         0         0         %100           55         M52A         X        494        494         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X        985        985         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         0         0         0         %100           61         M57         X        547        547         0         %100           62         M57         Z         0         0         0         %100           63         M61         X        328        328         0         %100           65         M62         X         0         0         0         %100           66         M62         X         0         0 <td>51</td> <td>M50A</td> <td>X</td> <td>195</td> <td>195</td> <td>0</td> <td>%100</td>	51	M50A	X	195	195	0	%100
54         M51C         Z         0         0         %100           55         M52A         X        494        494         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X        985        985         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         0         0         0         %100           61         M57         X        547        547         0         %100           61         M57         X        547        547         0         %100           62         M57         Z         0         0         0         %100           63         M61         X        328        328         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0 <td>52</td> <td>M50A</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>%100</td>	52	M50A		0	0	0	%100
55         M52A         X        494        494         0         %100           56         M52A         Z         0         0         0         %100           57         M53         X        985        985         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         0         0         0         %100           61         M57         X        547        547         0         %100           61         M57         Z         0         0         0         %100           62         M57         Z         0         0         0         %100           63         M61         X        328        328         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         Z         0         0	53	M51C	X	494	494	0	%100
56         M52A         Z         0         0         %100           57         M53         X        985        985         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         0         0         0         %100           61         M57         X        547        547         0         %100           62         M57         Z         0         0         0         %100           63         M61         X        328        328         0         %100           64         M61         Z         0         0         0         %100           66         M62         X         0         0         0         %100           67         M64         X         0         0         0         %100           68         M64         X         0         0         0         %100           69         M66         X        328        328         0	54	M51C	Z	0	0	0	%100
57         M53         X        985        985         0         %100           58         M53         Z         0         0         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         0         0         0         %100           61         M57         X        547        547         0         %100           62         M57         Z         0         0         0         %100           63         M61         X        328        328         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         Z         0         0         0         %100           67         M64         X         0         0         0         %100           68         M64         Z         0         0         0         %100           69         M66         X        328        328         <	55	M52A		494	494	0	%100
58         M53         Z         0         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         0         0         0         %100           61         M57         X        547        547         0         %100           62         M57         Z         0         0         0         %100           63         M61         X        328        328         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         X         0         0         0         %100           67         M64         X         0         0         0         %100           69         M66         X        328        328         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         -1.003         -1.003         0	56	M52A		0		0	%100
59         M56         X         0         0         0         %100           60         M56         Z         0         0         0         %100           61         M57         X        547        547         0         %100           62         M57         Z         0         0         0         %100           63         M61         X        328        328         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         X         0         0         0         %100           67         M64         X         0         0         0         %100           68         M64         Z         0         0         0         %100           69         M66         X        328        328         0         %100           70         M66         Z         0         0         0         %100           72         M67         Z         0         0         0 <td>57</td> <td>M53</td> <td></td> <td>985</td> <td>985</td> <td>0</td> <td></td>	57	M53		985	985	0	
60         M56         Z         0         0         %100           61         M57         X        547        547         0         %100           62         M57         Z         0         0         0         %100           63         M61         X        328        328         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         Z         0         0         0         %100           67         M64         X         0         0         0         %100           68         M64         Z         0         0         0         %100           69         M66         X        328        328         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         -1.003         -1.003         0         %100           72         M67         Z         0         0         0	58	M53	Z	0	0	0	
61         M57         X        547        547         0         %100           62         M57         Z         0         0         0         %100           63         M61         X        328        328         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         Z         0         0         0         %100           67         M64         X         0         0         0         %100           68         M64         Z         0         0         0         %100           69         M66         X        328        328         0         %100           70         M66         Z         0         0         0         %100           72         M67         X         -1.003         -1.003         0         %100           72         M67         Z         0         0         %100           74         M69         X         -1.057         -1.057         0 <td>59</td> <td>M56</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>%100</td>	59	M56		0	0	0	%100
62         M57         Z         0         0         %100           63         M61         X        328        328         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         Z         0         0         0         %100           67         M64         X         0         0         0         %100           68         M64         Z         0         0         0         %100           69         M66         X        328        328         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         -1.003         -1.003         0         %100           72         M67         Z         0         0         0         %100           74         M69         X         -1.057         -1.057         0         %100           75         M74         X        574        574         0 <td>60</td> <td>M56</td> <td></td> <td></td> <td></td> <td>0</td> <td></td>	60	M56				0	
62         M57         Z         0         0         %100           63         M61         X        328        328         0         %100           64         M61         Z         0         0         0         %100           65         M62         X         0         0         0         %100           66         M62         Z         0         0         0         %100           67         M64         X         0         0         0         %100           68         M64         Z         0         0         0         %100           69         M66         X        328        328         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         -1.003         -1.003         0         %100           72         M67         Z         0         0         0         %100           74         M69         X         -1.057         -1.057         0         %100           75         M74         X        574        574         0 <td></td> <td></td> <td></td> <td>547</td> <td>547</td> <td>0</td> <td></td>				547	547	0	
64         M61         Z         0         0         %100           65         M62         X         0         0         %100           66         M62         Z         0         0         %100           67         M64         X         0         0         %100           68         M64         Z         0         0         %100           69         M66         X        328        328         0         %100           70         M66         Z         0         0         %100           71         M67         X         -1.003         -1.003         0         %100           72         M67         Z         0         0         %100           73         M69         X         -1.057         -1.057         0         %100           74         M69         Z         0         0         %100           75         M74         X        574        574         0         %100           76         M74         Z         0         0         %100         %100           77         M75         X        574 <td< td=""><td></td><td></td><td>Z</td><td>0</td><td></td><td></td><td></td></td<>			Z	0			
65         M62         X         0         0         %100           66         M62         Z         0         0         %100           67         M64         X         0         0         %100           68         M64         Z         0         0         %100           69         M66         X        328        328         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         -1.003         -1.003         0         %100           72         M67         Z         0         0         %100           73         M69         X         -1.057         -1.057         0         %100           74         M69         Z         0         0         %100           75         M74         X        574        574         0         %100           76         M74         Z         0         0         %100           77         M75         X        574        574         0         %100				328	328		
66         M62         Z         0         0         0         %100           67         M64         X         0         0         0         %100           68         M64         Z         0         0         0         %100           69         M66         X        328        328         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         -1.003         -1.003         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         -1.057         -1.057         0         %100           74         M69         Z         0         0         %100           75         M74         X        574        574         0         %100           76         M74         Z         0         0         %100           77         M75         X        574        574         0         %100				•	0		
67         M64         X         0         0         0         %100           68         M64         Z         0         0         %100           69         M66         X        328        328         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         -1.003         -1.003         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         -1.057         -1.057         0         %100           74         M69         Z         0         0         %100           75         M74         X        574        574         0         %100           76         M74         Z         0         0         %100           77         M75         X        574        574         0         %100			X				
68         M64         Z         0         0         %100           69         M66         X        328        328         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         -1.003         -1.003         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         -1.057         -1.057         0         %100           74         M69         Z         0         0         %100           75         M74         X        574        574         0         %100           76         M74         Z         0         0         %100           77         M75         X        574        574         0         %100							
68         M64         Z         0         0         %100           69         M66         X        328        328         0         %100           70         M66         Z         0         0         0         %100           71         M67         X         -1.003         -1.003         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         -1.057         -1.057         0         %100           74         M69         Z         0         0         %100           75         M74         X        574        574         0         %100           76         M74         Z         0         0         %100           77         M75         X        574        574         0         %100			X				
70         M66         Z         0         0         %100           71         M67         X         -1.003         -1.003         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         -1.057         -1.057         0         %100           74         M69         Z         0         0         0         %100           75         M74         X        574        574         0         %100           76         M74         Z         0         0         %100           77         M75         X        574        574         0         %100			Z	-	-		
70         M66         Z         0         0         %100           71         M67         X         -1.003         -1.003         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         -1.057         -1.057         0         %100           74         M69         Z         0         0         0         %100           75         M74         X        574        574         0         %100           76         M74         Z         0         0         %100           77         M75         X        574        574         0         %100	69		X	328	328		%100
71         M67         X         -1.003         -1.003         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         -1.057         -1.057         0         %100           74         M69         Z         0         0         0         %100           75         M74         X        574        574         0         %100           76         M74         Z         0         0         %100           77         M75         X        574        574         0         %100	70		Z	0	0		
72         M67         Z         0         0         %100           73         M69         X         -1.057         -1.057         0         %100           74         M69         Z         0         0         0         %100           75         M74         X        574        574         0         %100           76         M74         Z         0         0         %100           77         M75         X        574        574         0         %100		M67	X	-1.003	-1.003	0	
73         M69         X         -1.057         -1.057         0         %100           74         M69         Z         0         0         0         %100           75         M74         X        574        574         0         %100           76         M74         Z         0         0         %100           77         M75         X        574        574         0         %100			Z	•	0	0	%100
74         M69         Z         0         0         %100           75         M74         X        574        574         0         %100           76         M74         Z         0         0         0         %100           77         M75         X        574        574         0         %100	73		Χ	-1.057	-1.057	0	%100
76         M74         Z         0         0         0         %100           77         M75         X        574        574         0         %100		M69	Z			0	
76         M74         Z         0         0         0         %100           77         M75         X        574        574         0         %100			X	574	574		
77         M75         X        574        574         0         %100           78         M75         Z         0         0         0         %100			Z	•		0	
78 M75 Z 0 0 0 %100			X	574	574		%100
	78	M75	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
79	M79B	Χ	0	0	0	%100
80	M79B	Z	0	0	0	%100
81	M77A	X	39	39	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	39	39	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	52	52	0	%100
86	MP5A	Z	0	0	0	%100 %100
87	MP4A	X	52	52	0	%100 %100
88	MP4A	Z	0	0	0	%100 %100
89	MP2A	X	52	52	0	%100 %100
90	MP2A	Z	0	0	0	%100 %100
91	MP1A	X	52	52	0	%100 %100
92	MP1A	Z	0	0	0	%100 %100
93	MP3A	X	629	629	0	%100 %100
94	MP3A	Z	0	0	0	%100 %100
95	MP5C	X	52	52	0	%100 %100
96	MP5C	Z	0	0	0	%100 %100
97	MP4C	X	52	52	0	%100 %100
98	MP4C MP4C	Z	0	32	0	%100 %100
99	MP2C	X	52	52	0	%100 %100
100	MP2C	Z	52	32	0	%100 %100
101	MP1C	X	52	52	0	%100 %100
102	MP1C	Z	0	0	0	%100 %100
103	MP3C	X	629	629	0	%100 %100
104	MP3C	Z	0	0	0	%100 %100
105	MP5B	X	52	52	0	%100 %100
106	MP5B	Z	52	32	0	%100 %100
107	MP4B	X	52	52	0	%100 %100
108	MP4B	Z	0	32	0	%100 %100
109	MP2B	X	52	52	0	%100 %100
110	MP2B	Z	0	0	0	%100 %100
111	MP1B	X	52	52	0	%100 %100
112	MP1B	Z	52	52	0	%100 %100
113	MP3B	X	629	629	0	%100 %100
114	MP3B	Z	029	029	0	%100 %100
115	M130	X	0	0	0	%100 %100
116	M130	Z	0	0	0	%100 %100
117	M131	X	275	275	0	%100 %100
118	M131	Z	275	275	0	%100 %100
119	M134		275	275	-	%100 %100
120	M134	X Z	275 0	275	0	%100 %100
121	OVP	X	474	474	0	%100 %100
122	OVP	Z	474	474	0	%100 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	166	166	0	%100
2	M1	Z	096	096	0	%100
3	M4	X	505	505	0	%100
4	M4	Z	292	292	0	%100
5	M10	X	143	143	0	%100
6	M10	Z	082	082	0	%100
7	M43	X	143	143	0	%100
8	M43	Z	082	082	0	%100
9	M46	X	284	284	0	%100



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

10			•	7. Ottactare Wil			
11		Member Label	Direction	Start Magnitude[lb/ft,	<u>End Magnitude[lb/ft,F.</u>	Start Location[ft,%]	End Location[ft,%]
12	10	M46	Z	164	164	0	%100
12	11	M51B	X	158	158	0	%100
13							
14         M52B         Z         .3653         .365         0         %100           16         M76         X         .883         .363         0         %100           17         M77         X         .29         .492         0         %100           18         M77         Z         .167         .167         0         %100           19         M80         X         .3055         .305         0         %100           20         M80         Z         .176         .176         0         %100           21         M84         X         .853         .863         0         %100           21         M84         X         .853         .863         0         %100           23         M85         X         .4188         .1.188         .1.188         0         %100           23         M85         X         .1.188         .1.188         0         %100           25         M81         X         .1.22         .1.22         0         %100           25         M91         X         .1.22         .1.22         0         %100           27 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td></t<>						-	
15							
16							
17			<u> </u>	853			
18							
19			X	29	29		
20	18	M77		167	167	0	%100
20	19	M80	X	305	305	0	%100
21			7				
22							
23         M85         X         -1.158         -1.158         0         %100           24         M85         Z        669        669         0         %100           25         M91         X         -1.22         -1.22         0         %100           26         M91         Z        704        704         0         %100           27         M26         X        505        505         0         %100           28         M26         Z        292        292         0         %100           30         M27         X        143        143         0         %100           31         M28         X        143        143         0         %100           31         M28         X        143        143         0         %100           32         M28         Z        082        082         0         %100           33         M29         X        284        284         0         %100           35         M32         X        631        631         0         %100           36         M32							
24         M85         Z         -669         -669         0         %100           25         M91         X         -1.22         -1.22         0         %100           26         M91         Z        704        704         0         %100           27         M26         X        505        505         0         %100           28         M26         Z        292        292         0         %100           29         M27         X        143        143         0         %100           30         M27         Z        082        082         0         %100           31         M28         X        143        143         0         %100           32         M28         Z        082        082         0         %100           34         M29         X        284        284         0         %100           35         M32         X        631        631         0         %100           36         M32         Z        365        365         0         %100           37         M33							
25							
26         M91         Z        704        704         0         %100           27         M26         X        505        505         0         %100           28         M26         Z        292        292         0         %100           29         M27         X        143        143         0         %100           31         M28         X        143        143         0         %100           31         M28         X        143        143         0         %100           32         M28         Z        082        082         0         %100           32         M28         Z        082        082         0         %100           34         M29         X        284        284         0         %100           34         M29         Z        164        164         0         %100           35         M32         X        631         .631         0         %100           36         M32         Z        365        385         .0         %100           38         M33							
27         M26         X         -505         -505         0         %100           28         M26         Z         -292         -292         0         %100           29         M27         X         -,143         -143         0         %100           30         M27         Z         -,082         -,082         0         %100           31         M28         X         -,143         -,143         0         %100           32         M28         Z         -,082         -,082         0         %100           33         M29         X         -,284         -,284         0         %100           34         M29         Z         -,164         -,661         0         %100           35         M32         X         -,631         -,631         0         %100           36         M32         X         -,663         -,365         0         %100           37         M33         X         -,158         -,158         0         %100           38         M33         Z         -,091         -,091         0         %100           40         M37			X				
28         M26         Z        292        292         0         %100           30         M27         X        143        143         0         %100           31         M28         X        143        143         0         %100           32         M28         Z        082        082         0         %100           33         M29         X        284        284         0         %100           34         M29         Z        164        164         0         %100           35         M32         X        281        631        631         0         %100           36         M32         Z        365        365         0         %100           37         M33         X        158        158         0         %100           38         M33         Z        091        091         0         %100           39         M37         X        853        853         0         %100           40         M37         Z        492        492         0         %100           41			Z			0	
29         M27         X        143        143         0         %100           30         M27         Z        082        082         0         %100           31         M28         X        143        143         0         %6100           32         M28         Z        082        082         0         %6100           33         M29         X        284        284         0         %6100           34         M29         Z        164        164         0         %6100           35         M32         X        631        631         0         %6100           36         M32         Z        365        365         0         %6100           37         M33         X        158        158         0         %100           38         M33         Z        091        091         0         %100           39         M37         X        853        853         0         %6100           40         M37         Z        492        492         0         %6100           41         M38	27	M26	X	505	505	0	%100
29         M27         X        143        143         0         %100           30         M27         Z        082        082         0         %100           31         M28         X        143        143         0         %6100           32         M28         Z        082        082         0         %6100           33         M29         X        284        284         0         %6100           34         M29         Z        164        164         0         %6100           35         M32         X        631        631         0         %6100           36         M32         Z        365        365         0         %6100           37         M33         X        158        158         0         %100           38         M33         Z        091        091         0         %100           39         M37         X        853        853         0         %6100           40         M37         Z        492        492         0         %6100           41         M38	28	M26	Z	292	292	0	%100
30   M27							
31         M28         X        143        143         0         %100           32         M28         Z        082        082         0         %1100           33         M29         X        284         0         %1100           34         M29         Z        164        164         0         %100           35         M32         X        631        631         0         %1100           36         M32         Z        365        365         0         %100           37         M33         X        158        158         0         %1100           38         M33         Z        091        091         0         %100           39         M37         X        853        853         0         %100           40         M37         Z        492        492         0         %1100           41         M38         X        1.158         -1.158         0         %100           42         M38         Z        669        669         0         %100           43         M40         X <td></td> <td></td> <td>7</td> <td>- 082</td> <td></td> <td></td> <td></td>			7	- 082			
32         M28         Z        082        082         0         %1100           33         M29         X        284        284         0         %100           34         M29         Z        164        164         0         %100           35         M32         X        631        631         0         %100           36         M32         Z        365        365         0         %100           37         M33         X        158        158         0         %100           38         M33         Z        091        091         0         %100           40         M37         X        853        853         0         %100           40         M37         Z        492        492         0         %100           41         M38         X         -1.158         -1.158         0         %100           41         M38         X         -1.158         -1.158         0         %100           43         M40         X         -1.22        492         0         %100           43         M40 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
33         M29         X        284        284         0         %100           34         M29         Z        164        164         0         %100           35         M32         X        631         0         %100           36         M32         Z        365        365         0         %100           37         M33         X        158        158         0         %100           38         M33         Z        091         0         %100           39         M37         X        853        853         0         %100           40         M37         Z        492        492         0         %100           41         M38         X        1.158        1.158         0         %100           42         M38         Z        669        669         0         %100           43         M40         X        1.22         -1.22         0         %100           45         M42         X        853        853         0         %100           45         M42         X        853							
34         M29         Z        164        164         0         %100           35         M32         X        631        631         0         %100           36         M32         Z        365         0         %100           37         M33         X        158        158         0         %100           38         M33         Z        091        091         0         %100           40         M37         X        853        853         0         %100           40         M37         Z        492        492         0         %100           41         M38         X         -1.158         -1.158         0         %100           42         M38         Z        669        669         0         %100           43         M40         X         -1.22         -1.22         0         %100           44         M40         Z        704        704         0         %100           45         M42         X        853        853         0         %100           46         M42         Z							
35							
36         M32         Z        365        365         0         %100           37         M33         X        158        158         0         %100           38         M33         Z        091        091         0         %100           39         M37         X        853        853         0         %100           40         M37         Z        492        492         0         %100           41         M38         X        1.158        1.158         0         %100           42         M38         Z        669        669         0         %100           43         M40         X         -1.22         -1.22         0         %100           44         M40         Z        704        704         0         %100           45         M42         X        853        853         0         %100           46         M42         Z        492        492         0         %100           47         M43A         X        29        29         0         %100           49         M45				164			
37         M33         X        158        158         0         %100           38         M33         Z        091        091         0         %100           39         M37         X        853        853         0         %100           40         M37         Z        492        492         0         %100           41         M38         X         -1.158         -1.158         0         %100           42         M38         Z        669        669         0         %100           43         M40         X         -1.22         0         %100           44         M40         Z        704        704         0         %100           45         M42         X        853        853         0         %100           45         M42         X        853        853         0         %100           46         M42         Z        492        492         0         %100           47         M43A         X        29        29         0         %100           48         M43A         Z			X	631			
38         M33         Z        091        091         0         %100           39         M37         X        853        853         0         %100           40         M37         Z        492        492         0         %100           41         M38         X         -1.158         -1.158         0         %100           42         M38         Z        669        669         0         %100           43         M40         X         -1.22         -1.22         0         %100           43         M40         X         -1.22         -1.22         0         %100           45         M42         X        853        853         0         %100           45         M42         X        853        853         0         %100           46         M42         Z        492        492         0         %100           48         M43A         X        29        29         0         %100           49         M45         X        305        305         0         %100           51         M50A	36	M32	Z	365	365	0	
38         M33         Z        091        091         0         %100           39         M37         X        853        853         0         %100           40         M37         Z        492        492         0         %100           41         M38         X         -1.158         -1.158         0         %100           42         M38         Z        669        669         0         %100           43         M40         X         -1.22         -1.22         0         %100           43         M40         X         -1.22         -1.22         0         %100           45         M42         X        853        853         0         %100           45         M42         X        853        853         0         %100           46         M42         Z        492        492         0         %100           48         M43A         X        29        29         0         %100           49         M45         X        305        305         0         %100           51         M50A	37	M33	X	158	158	0	%100
39         M37         X        853        853         0         %100           40         M37         Z        492        492         0         %100           41         M38         X         -1.158         0         %100           42         M38         Z        669        669         0         %100           43         M40         X         -1.22         -1.22         0         %100           44         M40         Z        704        704         0         %100           45         M42         X        853        853         0         %100           46         M42         Z        492         0         %100           47         M43A         X        29        29         0         %100           48         M43A         Z        167        167         0         %100           48         M43A         Z        167        176         0         %100           50         M45         Z        176        176         0         %100           51         M50A         X         0			Z			0	
40         M37         Z        492        492         0         %100           41         M38         X         -1.158         -1.158         0         %100           42         M38         Z        669         0         %100           43         M40         X         -1.22         0         %100           44         M40         Z        704        704         0         %100           45         M42         X        853        853         0         %100           46         M42         Z        492        492         0         %100           47         M43A         X        29        29         0         %100           48         M43A         Z        167        167         0         %100           49         M45         X        305        305         0         %100           50         M45         Z        176        176         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         0         0<							
41         M38         X         -1.158         -1.158         0         %100           42         M38         Z         -669         -669         0         %100           43         M40         X         -1.22         -1.22         0         %100           44         M40         Z        704        704         0         %100           45         M42         X        853        853         0         %100           46         M42         Z        492        492         0         %100           47         M43A         X        29        29         0         %100           49         M45         X        305        305         0         %100           49         M45         X        305        305         0         %100           50         M45         Z        176        176         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X <td></td> <td></td> <td>7</td> <td></td> <td></td> <td></td> <td></td>			7				
42         M38         Z        669        669         0         %100           43         M40         X         -1.22         -1.22         0         %100           44         M40         Z        704        704         0         %100           45         M42         X        853        853         0         %100           46         M42         Z        492        492         0         %100           47         M43A         X        29        29         0         %100           48         M43A         Z        167        167         0         %100           49         M45         X        305        305         0         %100           49         M45         X        305        305         0         %100           50         M45         X        305        305         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
43         M40         X         -1.22         -1.22         0         %100           44         M40         Z        704        704         0         %100           45         M42         X        853        853         0         %100           46         M42         Z        492         0         %100           47         M43A         X        29        29         0         %100           48         M43A         Z        167        167         0         %100           49         M45         X        305        305         0         %100           49         M45         X        305        305         0         %100           50         M45         Z        176         0         %100         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X        57							
44         M40         Z        704        704         0         %100           45         M42         X        853        853         0         %100           46         M42         Z        492        492         0         %100           47         M43A         X        29        29         0         %100           48         M43A         Z        167        167         0         %100           49         M45         X        305        305         0         %100           50         M45         Z        176        176         0         %100           51         M50A         X         0         0         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X        57        57         0         %100           54         M51C         Z        329        329         0         %100           55         M52A         X							
45         M42         X        853        853         0         %100           46         M42         Z        492        492         0         %100           47         M43A         X        29        29         0         %100           48         M43A         Z        167        167         0         %100           49         M45         X        305        305         0         %100           50         M45         Z        176         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X        57        57         0         %100           54         M51C         Z        329        329         0         %100           55         M52A         X        57        57         0         %100           56         M52A         X        137							
46         M42         Z        492        492         0         %100           47         M43A         X        29        29         0         %100           48         M43A         Z        167        167         0         %100           49         M45         X        305        305         0         %100           50         M45         Z        176        176         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X        57        57         0         %100           54         M51C         Z        329        329         0         %100           55         M52A         X        57        57         0         %100           56         M52A         Z        329        329         0         %100           58         M53         Z							
47         M43A         X        29        29         0         %100           48         M43A         Z        167        167         0         %100           49         M45         X        305        305         0         %100           50         M45         Z        176        176         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X        57        57         0         %100           54         M51C         Z        329        329         0         %100           55         M52A         X        57        57         0         %100           56         M52A         X        57        57         0         %100           57         M53         X         -1.137         -1.137         0         %100           58         M53         Z        657        657         0         %100           59         M56         X <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td>			X				
48         M43A         Z        167        167         0         %100           49         M45         X        305        305         0         %100           50         M45         Z        176        176         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X        57        57         0         %100           53         M51C         X        57        57         0         %100           54         M51C         Z        329        329         0         %100           55         M52A         X        57        57         0         %100           56         M52A         Z        329        329         0         %100           57         M53         X         -1.137         -1.137         0         %100           58         M53         Z        657        657         0         %100           59         M56         X<	46	M42	Z		492	0	%100
48         M43A         Z        167        167         0         %100           49         M45         X        305        305         0         %100           50         M45         Z        176        176         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X        57        57         0         %100           53         M51C         X        57        57         0         %100           54         M51C         Z        329        329         0         %100           55         M52A         X        57        57         0         %100           56         M52A         X        57        57         0         %100           57         M53         X         -1.137         -1.137         0         %100           58         M53         Z        657        657         0         %100           59         M56         X <td>47</td> <td>M43A</td> <td>X</td> <td>29</td> <td>29</td> <td>0</td> <td>%100</td>	47	M43A	X	29	29	0	%100
49         M45         X        305        305         0         %100           50         M45         Z        176        176         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X        57        57         0         %100           54         M51C         Z        329        329         0         %100           55         M52A         X        57        57         0         %100           56         M52A         Z        329        329         0         %100           57         M53         X         -1.137         -1.137         0         %100           58         M53         Z        657        657         0         %100           59         M56         X        158        158         0         %100           60         M56         Z        091        091         0         %100           62         M57         Z<	48						%100
50         M45         Z        176        176         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X        57        57         0         %100           54         M51C         Z        329        329         0         %100           55         M52A         X        57        57         0         %100           56         M52A         Z        329        329         0         %100           57         M53         X         -1.137         -1.137         0         %100           58         M53         Z        657        657         0         %100           59         M56         X        158        158         0         %100           60         M56         Z        091        091         0         %100           61         M57         X        158        158         0         %100           62         M57         Z<							
51         M50A         X         0         0         0         %100           52         M50A         Z         0         0         0         %100           53         M51C         X        57        57         0         %100           54         M51C         Z        329        329         0         %100           55         M52A         X        57        57         0         %100           56         M52A         Z        329        329         0         %100           57         M53         X         -1.137         -1.137         0         %100           58         M53         Z        657        657         0         %100           59         M56         X        158        158         0         %100           60         M56         Z        091        091         0         %100           61         M57         X        158        158         0         %100           62         M57         Z        091        091         0         %100           64         M61         X<							
52         M50A         Z         0         0         0         %100           53         M51C         X        57        57         0         %100           54         M51C         Z        329        329         0         %100           55         M52A         X        57        57         0         %100           56         M52A         Z        329        329         0         %100           57         M53         X         -1.137         -1.137         0         %100           58         M53         Z        657        657         0         %100           59         M56         X        158        158         0         %100           60         M56         Z        091        091         0         %100           61         M57         X        158        158         0         %100           62         M57         Z        091        091         0         %100           63         M61         X         0         0         0         %100           64         M62         X </td <td></td> <td></td> <td>Y</td> <td></td> <td></td> <td></td> <td></td>			Y				
53         M51C         X        57        57         0         %100           54         M51C         Z        329        329         0         %100           55         M52A         X        57        57         0         %100           56         M52A         Z        329        329         0         %100           57         M53         X         -1.137         -1.137         0         %100           58         M53         Z        657        657         0         %100           59         M56         X        158        158         0         %100           60         M56         Z        091        091         0         %100           61         M57         X        158        158         0         %100           62         M57         Z        091        091         0         %100           63         M61         X         0         0         0         %100           64         M61         Z         0         0         %100           65         M62         X        29					-		
54         M51C         Z        329        329         0         %100           55         M52A         X        57        57         0         %100           56         M52A         Z        329        329         0         %100           57         M53         X         -1.137         -1.137         0         %100           58         M53         Z        657        657         0         %100           59         M56         X        158        158         0         %100           60         M56         Z        091        091         0         %100           61         M57         X        158        158         0         %100           62         M57         Z        091        091         0         %100           63         M61         X         0         0         %100           64         M61         Z         0         0         %100           65         M62         X        29        29         0         %100							
55         M52A         X        57        57         0         %100           56         M52A         Z        329        329         0         %100           57         M53         X         -1.137         -1.137         0         %100           58         M53         Z        657        657         0         %100           59         M56         X        158        158         0         %100           60         M56         Z        091        091         0         %100           61         M57         X        158        158         0         %100           62         M57         Z        091        091         0         %100           63         M61         X         0         0         0         %100           64         M61         Z         0         0         %100           65         M62         X        29        29         0         %100							
56         M52A         Z        329        329         0         %100           57         M53         X         -1.137         -1.137         0         %100           58         M53         Z        657        657         0         %100           59         M56         X        158        158         0         %100           60         M56         Z        091        091         0         %100           61         M57         X        158        158         0         %100           62         M57         Z        091        091         0         %100           63         M61         X         0         0         0         %100           64         M61         Z         0         0         %100           65         M62         X        29        29         0         %100							
57         M53         X         -1.137         -1.137         0         %100           58         M53         Z        657        657         0         %100           59         M56         X        158        158         0         %100           60         M56         Z        091        091         0         %100           61         M57         X        158        158         0         %100           62         M57         Z        091        091         0         %100           63         M61         X         0         0         0         %100           64         M61         Z         0         0         %100           65         M62         X        29        29         0         %100			X				
58         M53         Z        657        657         0         %100           59         M56         X        158        158         0         %100           60         M56         Z        091        091         0         %100           61         M57         X        158        158         0         %100           62         M57         Z        091        091         0         %100           63         M61         X         0         0         0         %100           64         M61         Z         0         0         %100           65         M62         X        29        29         0         %100							
58         M53         Z        657        657         0         %100           59         M56         X        158        158         0         %100           60         M56         Z        091        091         0         %100           61         M57         X        158        158         0         %100           62         M57         Z        091        091         0         %100           63         M61         X         0         0         0         %100           64         M61         Z         0         0         %100           65         M62         X        29        29         0         %100		M53_					
59         M56         X        158        158         0         %100           60         M56         Z        091        091         0         %100           61         M57         X        158        158         0         %100           62         M57         Z        091        091         0         %100           63         M61         X         0         0         0         %100           64         M61         Z         0         0         %100           65         M62         X        29        29         0         %100							
60         M56         Z        091        091         0         %100           61         M57         X        158        158         0         %100           62         M57         Z        091        091         0         %100           63         M61         X         0         0         0         %100           64         M61         Z         0         0         %100           65         M62         X        29        29         0         %100							
61     M57     X    158    158     0     %100       62     M57     Z    091    091     0     %100       63     M61     X     0     0     0     %100       64     M61     Z     0     0     0     %100       65     M62     X    29    29     0     %100			7				
62     M57     Z    091    091     0     %100       63     M61     X     0     0     0     %100       64     M61     Z     0     0     0     %100       65     M62     X    29    29     0     %100							
63         M61         X         0         0         0         %100           64         M61         Z         0         0         0         %100           65         M62         X        29        29         0         %100							
64         M61         Z         0         0         0         %100           65         M62         X        29        29         0         %100							
65 M62 X2929 0 %100			X				
65 M62 X2929 0 %100				•	-		
			X				
66 M62 Z167167 0 %100	66	M62	<u>Z</u>	167	167	0	<u>%100</u>

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

111101111	dei Distributed Loc	140 1220 70	T Otta Ota TO TTT	1 1000 209// 10	omanda,	
	Member Label	Direction	Start Magnitude[lb/ft	.End Magnitude[lb/ft,F	Start Location[ft %]	End Location[ft,%]
67	M64	X	305	305	0	%100
68	M64	Z	176	176	0	%100
69	M66	X	0	0	0	%100 %100
70	M66	Z	0	0	0	%100 %100
			29	29		%100 %100
71	M67	X			0	
72	M67	Z	167	167	0	%100
73	M69	X	305	305	0	%100
74	M69	Z	176	176	0	%100
75	M74	X	166	166	0	%100
76	M74	Z	096	096	0	%100
77	M75	X	663	663	0	%100
78	M75	Z	383	383	0	%100
79	M79B	Χ	113	113	0	%100
80	M79B	Z	065	065	0	%100
81	M77A	Х	113	113	0	%100
82	M77A	Z	065	065	0	%100
83	M78	X	45	45	0	%100
84	M78	Z	26	26	0	%100 %100
85	MP5A	X	45	45	0	%100 %100
86	MP5A	Z	26	26	0	%100 %100
87	MP4A	X Z	45	45	0	%100 %100
88	MP4A		26	26	0	%100
89	MP2A	X	45	45	0	%100
90	MP2A	Z	26	26	0	%100
91	MP1A	X	45	45	0	%100
92	MP1A	Z	26	26	0	%100
93	MP3A	Χ	545	545	0	%100
94	MP3A	Z	315	315	0	%100
95	MP5C	X	45	45	0	%100
96	MP5C	Z	26	26	0	%100
97	MP4C	Х	45	45	0	%100
98	MP4C	Z	26	26	0	%100
99	MP2C	X	45	45	0	%100
100	MP2C	Z	26	26	0	%100
101	MP1C	X	45	45	0	%100
102	MP1C	Z	26	26	0	%100 %100
103	MP3C	X	545	545	0	%100 %100
103	MP3C	Z		315	0	%100 %100
			315			
105	MP5B	X	45	45	0	%100
106	MP5B	Z	26	26	0	%100
107	MP4B	X	45	45	0	%100
108	MP4B	Z	26	26	0	%100
109	MP2B	X	45	45	0	%100
110	MP2B	Z	26	26	0	%100
111	MP1B	X	45	45	0	%100
112	MP1B	Z	26	26	0	%100
113	MP3B	Χ	545	545	0	%100
114	MP3B	Z	315	315	0	%100
115	M130	X	079	079	0	%100
116	M130	Z	046	046	0	%100
117	M131	X	079	079	0	%100
118	M131	Z	046	046	0	%100 %100
119	M134	X	317	317	0	%100 %100
120	M134	Z	183	183	0	%100 %100
121	OVP	X	103 41	103 41	0	%100 %100
	OVP OVP	Z		41	0	
122	UVP		237	231	U	%100

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

1 M1 X -287 -287 0 %100 2 M1 Z -498 -498 0 9 %100 3 M4 X -097 -097 0 95100 4 M4 X -097 -097 0 95100 5 M10 X -247 -247 0 95100 6 M10 Z -428 -428 0 95100 7 M43 X -247 -247 0 95100 8 M46 X -492 -492 0 95100 9 M46 X -492 -492 0 95100 110 M46 Z -853 -853 0 95100 111 M51B X 0 0 0 0 95100 112 M51B X 0 0 0 0 95100 113 M528 X -273 -273 0 95100 114 M528 Z -474 -474 0 95100 115 M76 X -164 -164 0 95100 116 M76 Z -284 -284 -284 0 95100 117 M77 X 0 0 0 0 95100 118 M777 Z 0 0 0 0 95100 119 M80 X 0 0 0 95100 110 M80 X -164 -164 0 95100 111 M51B X 0 0 0 0 95100 12 M51B Z 0 0 0 0 0 95100 13 M528 X -273 -273 0 95100 14 M528 Z -474 -474 0 95100 15 M76 X -164 -164 0 95100 16 M76 Z -284 -284 -284 0 95100 17 M77 X 0 0 0 0 95100 18 M77 Z 0 0 0 0 95100 19 M80 X 0 0 0 0 95100 20 M80 Z 0 0 0 0 95100 21 M84 X -164 -164 0 95100 22 M80 Z 0 0 0 0 95100 23 M85 X -502 -502 0 95100 24 M84 X -164 -164 0 95100 25 M91 X -528 -528 0 95100 26 M80 Z 0 0 0 0 95100 27 M26 X -389 -389 0 95100 28 M80 Z -284 -284 -284 0 95100 29 M80 Z 0 0 0 0 95100 21 M84 X -164 -164 0 95100 22 M80 Z 0 0 0 0 95100 23 M85 X -502 -502 0 95100 24 M85 X -502 -502 0 95100 25 M91 X -528 -528 0 95100 26 M85 X -502 -502 0 95100 27 M26 X -389 -389 0 95100 28 M97 X 0 0 0 0 95100 29 M80 X -284 -284 -284 0 95100 20 M80 Z 0 0 0 0 95100 21 M84 X -164 -164 0 95100 23 M85 X -502 -502 0 95100 24 M85 X -502 -502 0 95100 25 M91 X -528 -528 0 95100 26 M91 X -528 -528 0 95100 27 M28 X -389 -389 0 95100 28 M97 X 0 0 0 0 95100 29 M80 X -273 -273 0 95100 29 M97 X 0 0 0 0 95100 20 M80 X -295 -502 0 95100 21 M84 X -164 -164 -164 0 95100 22 M84 Z -284 -284 -284 0 95100 23 M85 X -502 -502 0 95100 24 M84 X -164 -164 -164 0 95100 25 M91 X -528 -528 0 95100 26 M91 X -528 -528 0 95100 27 M28 X -389 -389 0 95100 28 M97 X -273 -273 0 95100 29 M97 X -274 -274 -274 0 95100 20 M90 X -274 -274 -2747 0 95100 20 M90 X -274 -2747 -2747 0 95100 20 M90 X -2		Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
3					287	0	%100
4	2					0	
S	3		X			0	
6         M10         Z         -428         -428         0         %100           7         M43         X         -247         -247         0         %100           8         M43         Z         -428         -428         0         94100           10         M46         X         -492         -482         0         94100           10         M46         Z         -553         -853         0         94100           11         M51B         X         0         0         0         94100           11         M51B         Z         0         0         0         94100           13         M52B         X         -273         -273         0         96100           14         M52B         X         -2744         -474         0         96100           15         M76         X         -164         -164         0         96100           15         M76         X         -164         -164         0         96100           17         M77         X         0         0         0         96100           18         M77         X         0							
T						0	
8         M43         Z         -428         -428         0         %100           10         M46         X         -492         -492         0         %100           11         M51B         X         0         0         0         94100           12         M51B         Z         0         0         0         94100           13         M52B         X         -273         -273         0         94100           15         M76         X         -164         -164         0         %6100           15         M76         X         -164         -164         0         %6100           16         M76         X         -164         -164         0         %6100           17         M77         X         0         0         0         %6100           17         M77         X         0         0         0         %6100           18         M77         X         0         0         0         %6100           20         M80         X         0         0         0         %6100           21         M84         X         -164         <	6	M10	Z		428	0	%100
9	7	M43				0	
10						0	
11							
12				853			
13		M51B	X	0	0	0	
14         MS2B         Z         .474         .474         0         %100           16         M76         Z         .284         .284         0         %100           17         M77         X         0         0         0         %100           18         M77         Z         0         0         0         %100           19         M80         X         0         0         0         %100           20         M80         X         0         0         0         %100           21         M84         X        164        164         0         %100           21         M84         X        164        164         0         %100           22         M84         Z        284        284         0         %100           23         M85         X        502        502         0         %100           24         M85         Z        869        869         0         %100           25         M91         X        528        528         0         %100           26         M91         Z        915<		M51B		-		0	
15			X				
16						0	%100
17	15	M76	X	164		0	%100
18         M77         Z         0         0         0         %100           20         M80         X         0         0         0         %100           21         M84         X        164        164         0         %100           22         M84         Z        284        284         0         %100           23         M85         X        502        502         0         %100           24         M85         Z        869        869         0         %100           24         M85         Z        869        869         0         %100           25         M91         X        528        528         0         %100           26         M91         Z        915        915         0         %100           28         M26         Z        674        674         0         %100           28         M26         Z        674        674         0         %100           31         M28         X         0         0         0         %100           31         M28         X	16	M76	Z	284	284	0	%100
19		M77	X	0	0	0	%100
20         M80         Z         0         0         %100           21         M84         X        164        164         0         %100           22         M84         Z        284        284         0         %100           23         M85         X        502        502         0         %100           24         M85         Z        869        869         9         0         %100           25         M91         X        528        528         0         %100           26         M91         Z        915        915         0         %100           26         M91         Z        915        915         0         %100           28         M26         Z        674        674         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0 </td <td>18</td> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td></td>	18			0	0	0	
21         M84         X        164        184         0         %100           22         M84         Z        284        284         0         %100           23         M85         X        502        502         0         %100           24         M85         Z        889        869         0         %100           25         M91         X        528        528         0         %100           26         M91         Z        915        915         0         %100           26         M91         Z        915        915         0         %100           27         M26         X        389        389         0         %100           28         M26         Z        674        674         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z	19	M80		0	0	0	%100
22         M84         Z        284        284         0         %100           23         M85         X        502        502         0         %100           24         M85         Z        869        869         0         %100           25         M91         X        528        528         0         %100           26         M91         Z        915        915         0         %100           26         M91         Z        915        915         0         %100           27         M26         X        389        389         0         %100           28         M26         Z        674        674         0         %100           30         M27         X         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           33         M29         X         0         0         0         %100           34         M29         Z         0 </td <td>20</td> <td>M80</td> <td>Z</td> <td>0</td> <td>0</td> <td>0</td> <td>%100</td>	20	M80	Z	0	0	0	%100
23         M85         X        502        502         0         %100           24         M85         Z        869        869         0         %100           25         M91         X        528         0         %100           26         M91         Z        915        915         0         %100           27         M26         X        389        389         0         %100           28         M26         Z        674         0         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           34         M29         X         0         0         0         %100           35         M32         X        273        273         0         %100           36         M32         X        273        273	21	M84	X	164	164	0	%100
24         M85         Z        869        869         0         %1100           25         M91         X        528        528         0         %100           26         M91         Z        915         0         %100           27         M26         X        389        389         0         %100           28         M26         Z        674        674         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           34         M29         X         0         0         0         %100           34         M29         Z         0         0         0         %100           36         M32         X         -273         -273         0 <td>22</td> <td>M84</td> <td>Z</td> <td>284</td> <td>284</td> <td>0</td> <td>%100</td>	22	M84	Z	284	284	0	%100
24         M85         Z        869        869         0         %1100           25         M91         X        528        528         0         %100           26         M91         Z        915         0         %100           27         M26         X        389        389         0         %100           28         M26         Z        674        674         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           34         M29         X         0         0         0         %100           34         M29         Z         0         0         0         %100           36         M32         X         -273         -273         0 <td>23</td> <td>M85</td> <td>X</td> <td>502</td> <td>502</td> <td>0</td> <td>%100</td>	23	M85	X	502	502	0	%100
26         M91         Z        915         0         %100           27         M26         X        389        389         0         %100           28         M26         Z        674         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           33         M29         X         0         0         0         %100           34         M29         Z         0         0         0         %100           35         M32         X        273        273         0         %100           36         M32         Z        474        474         0         %100           36         M32         Z        474        474         0         %100           38         M33         X        273        273         0			Z			0	
26         M91         Z        915        915         0         %100           27         M26         X        389        389         0         %100           28         M26         Z        674         0         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           33         M29         X         0         0         0         %100           34         M29         Z         0         0         0         %100           35         M32         X        273        273         0         %100           36         M32         Z        474        474         0         %100           36         M32         Z        474        474         0         %100           38         M33         X        527	25	M91	Х	528	528	0	%100
27         M26         X        389        389         0         %100           28         M26         Z        674        674         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           33         M29         X         0         0         0         %100           34         M29         Z         0         0         0         %100           35         M32         X        273        273         0         %100           36         M32         Z        474        474         0         %100           37         M33         X        273        273         0         %100           38         M33         Z        474        474         0         %100           39         M37         X        657						0	
28         M26         Z         -674        674         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           34         M29         X         0         0         0         %100           34         M29         Z         0         0         0         %100           35         M32         X        273        273         0         %100           36         M32         X        273        273         0         %100           37         M33         X        273        273         0         %100           38         M33         Z        474        474         0         %100           39         M37         X        657        657         0         %100           40         M37         Z         -1.137			X			0	
29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           33         M29         X         0         0         0         %100           34         M29         Z         0         0         0         %100           35         M32         X         -273         -273         0         %100           36         M32         X         -273         -273         0         %100           37         M33         X         -273         -273         0         %100           38         M33         Z         -474         -474         0         %100           39         M37         X         -657         -657         0         %100           40         M37         Z         -1.137         -1.137         0         %100           41         M38         X         -502         -502<							
30			Х			0	
32         M28         Z         0         0         %100           33         M29         X         0         0         %100           34         M29         Z         0         0         %100           35         M32         X        273        273         0         %100           36         M32         Z        474        474         0         %100           37         M33         X        273        273         0         %100           38         M33         Z        474        474         0         %100           39         M37         X        657        657         0         %100           40         M37         Z         -1.137         -1.137         0         %100           41         M38         X        502        502         0         %100           42         M38         Z        869        869         0         %100           43         M40         X        528        528         0         %100           45         M42         X        657        657         0 <td>30</td> <td>M27</td> <td>Z</td> <td>0</td> <td>0</td> <td>0</td> <td>%100</td>	30	M27	Z	0	0	0	%100
33         M29         X         0         0         %100           34         M29         Z         0         0         %100           35         M32         X        273        273         0         %100           36         M32         Z        474        474         0         %100           37         M33         X        273        273         0         %100           38         M33         Z        474        474         0         %100           39         M37         X        657        657         0         %100           40         M37         Z         -1.137         -1.137         0         %100           41         M38         X        502        502         0         %100           42         M38         Z        869        869         0         %100           43         M40         X        528        528         0         %100           44         M40         Z        915        915         0         %100           45         M42         X        657	31	M28	Х	0	0	0	%100
34         M29         Z         0         0         %100           35         M32         X        273        273         0         %100           36         M32         Z        474        474         0         %100           37         M33         X        273         0         %100           38         M33         Z        474        474         0         %100           39         M37         X        657        657         0         %100           40         M37         Z         -1.137         -1.137         0         %100           41         M38         X        502        502         0         %100           42         M38         Z        869        869         0         %100           43         M40         X        528        528         0         %100           44         M40         Z        915        915         0         %100           45         M42         X        657        657         0         %100           45         M42         X        657		M28		0	0	0	
34         M29         Z         0         0         %100           35         M32         X        273        273         0         %100           36         M32         Z        474        474         0         %100           37         M33         X        273         0         %100           38         M33         Z        474        474         0         %100           39         M37         X        657        657         0         %100           40         M37         Z         -1.137         -1.137         0         %100           41         M38         X        502        502         0         %100           42         M38         Z        869        869         0         %100           43         M40         X        528        528         0         %100           44         M40         Z        915        915         0         %100           45         M42         X        657        657         0         %100           45         M42         X        657	33	M29	X	0	0	0	%100
36         M32         Z        474        474         0         %100           37         M33         X        273        273         0         %100           38         M33         Z        474        474         0         %100           39         M37         X        657        657         0         %100           40         M37         Z         -1.137         -1.137         0         %100           41         M38         X        502        502         0         %100           41         M38         X        502        502         0         %100           42         M38         Z        869        869         0         %100           43         M40         X        528        528         0         %100           45         M42         X        657        657         0         %100           45         M42         X        657        657         0         %100           46         M42         Z         -1.137         -1.137         0         %100           47         M43A <td></td> <td></td> <td>Z</td> <td>0</td> <td>0</td> <td>0</td> <td></td>			Z	0	0	0	
36         M32         Z        474        474         0         %100           37         M33         X        273        273         0         %100           38         M33         Z        474        474         0         %100           39         M37         X        657        657         0         %100           40         M37         Z         -1.137         -1.137         0         %100           41         M38         X        502        502         0         %100           41         M38         X        502        502         0         %100           42         M38         Z        869        869         0         %100           43         M40         X        528        528         0         %100           43         M40         X        528        528         0         %100           45         M42         X        657        657         0         %100           46         M42         X        657        567         0         %100           47         M43A	35	M32	Х	273	273	0	%100
37         M33         X        273        273         0         %100           38         M33         Z        474        474         0         %100           39         M37         X        657        657         0         %100           40         M37         Z         -1.137         -1.137         0         %100           41         M38         X        502        502         0         %100           42         M38         Z        869        869         0         %100           43         M40         X        528        528         0         %100           43         M40         X        528        528         0         %100           44         M40         Z        915        915         0         %100           45         M42         X        657        657         0         %100           46         M42         Z         -1.137         -1.137         0         %100           48         M43A         X        502         0         %100           49         M45         X							
38         M33         Z        474        474         0         %100           39         M37         X        657        657         0         %100           40         M37         Z         -1.137         -1.137         0         %100           41         M38         X        502        502         0         %100           42         M38         Z        869         0         %100           42         M38         Z        869         0         %100           43         M40         X        528        528         0         %100           44         M40         X        528        528         0         %100           45         M42         X        657        915         0         %100           45         M42         X        657        657         0         %100           46         M42         Z         -1.137         -1.137         0         %100           47         M43A         X        502        502         0         %100           48         M43A         Z        869	37	M33	Х	273	273	0	%100
39         M37         X        657        657         0         %100           40         M37         Z         -1.137         -1.137         0         %100           41         M38         X        502        502         0         %100           42         M38         Z        869        869         0         %100           43         M40         X        528        528         0         %100           44         M40         Z        915        915         0         %100           45         M42         X        657        657         0         %100           45         M42         X        657        657         0         %100           46         M42         Z        1.137         -1.137         0         %100           47         M43A         X        502        502         0         %100           48         M43A         Z        869        869         0         %100           49         M45         X        528        528         0         %100           50         M45<	38	M33	Z	474	474	0	%100
40         M37         Z         -1.137         -1.137         0         %100           41         M38         X        502        502         0         %100           42         M38         Z        869        869         0         %100           43         M40         X        528        528         0         %100           44         M40         Z        915        915         0         %100           45         M42         X        657        657         0         %100           45         M42         X        657        657         0         %100           46         M42         Z         -1.137         -1.137         0         %100           47         M43A         X        502        502         0         %100           48         M43A         X        502        502         0         %100           49         M45         X        528        528         0         %100           50         M45         Z        915        915         0         %100           51         M50A<			X	657	657	0	%100
41         M38         X        502        502         0         %100           42         M38         Z        869         0         %100           43         M40         X        528        528         0         %100           44         M40         Z        915        915         0         %100           45         M42         X        657        657         0         %100           46         M42         Z         -1.137         -1.137         0         %100           47         M43A         X        502        502         0         %100           48         M43A         X        502        502         0         %100           49         M45         X        528        528         0         %100           49         M45         X        528        528         0         %100           51         M50A         X        915        915         0         %100           52         M50A         X        097        097         0         %100           53         M51C         X				-1.137	-1.137		
42         M38         Z        869        869         0         %100           43         M40         X        528        528         0         %100           44         M40         Z        915        915         0         %100           45         M42         X        657        657         0         %100           46         M42         Z         -1.137         -1.137         0         %100           47         M43A         X        502        502         0         %100           48         M43A         X        502        502         0         %100           49         M45         X        528        528         0         %100           50         M45         Z        915        915         0         %100           51         M50A         X        097        097         0         %100           52         M50A         Z        168        168         0         %100           53         M51C         X        247        247         0         %100           54         M51C	41		X	502		0	
43         M40         X        528        528         0         %100           44         M40         Z        915        915         0         %100           45         M42         X        657        657         0         %100           46         M42         Z         -1.137         -1.137         0         %100           47         M43A         X        502        502         0         %100           48         M43A         Z        869        869         0         %100           49         M45         X        528        528         0         %100           50         M45         Z        915        915         0         %100           51         M50A         X        097        097         0         %100           52         M50A         Z        168        168         0         %100           53         M51C         X        247        247         0         %100           54         M51C         Z        428        428         0         %100           55         M52			Z			0	
44         M40         Z        915        915         0         %100           45         M42         X        657        657         0         %100           46         M42         Z         -1.137         -1.137         0         %100           47         M43A         X        502        502         0         %100           48         M43A         Z        869        869         0         %100           49         M45         X        528        528         0         %100           50         M45         Z        915        915         0         %100           51         M50A         X        097        097         0         %100           52         M50A         Z        168        168         0         %100           53         M51C         X        247        247         0         %100           54         M51C         Z        428        428         0         %100           55         M52A         X        247        247         0         %100           56         M5			Х	528		<del> </del>	
45         M42         X        657        657         0         %100           46         M42         Z         -1.137         -1.137         0         %100           47         M43A         X        502        502         0         %100           48         M43A         Z        869        869         0         %100           49         M45         X        528        528         0         %100           50         M45         Z        915        915         0         %100           51         M50A         X        097        097         0         %100           52         M50A         Z        168        168         0         %100           53         M51C         X        247        247         0         %100           54         M51C         Z        428        428         0         %100           55         M52A         X        247        247         0         %100           56         M52A         Z        428        428         0         %100			Z				
46         M42         Z         -1.137         -1.137         0         %100           47         M43A         X        502        502         0         %100           48         M43A         Z        869        869         0         %100           49         M45         X        528        528         0         %100           50         M45         Z        915        915         0         %100           51         M50A         X        097        097         0         %100           52         M50A         Z        168        168         0         %100           53         M51C         X        247        247         0         %100           54         M51C         Z        428        428         0         %100           55         M52A         X        247        247         0         %100           56         M52A         Z        428        428         0         %100	45		X				
47       M43A       X      502      502       0       %100         48       M43A       Z      869      869       0       %100         49       M45       X      528      528       0       %100         50       M45       Z      915      915       0       %100         51       M50A       X      097      097       0       %100         52       M50A       Z      168      168       0       %100         53       M51C       X      247      247       0       %100         54       M51C       Z      428      428       0       %100         55       M52A       X      247      247       0       %100         56       M52A       Z      428      428       0       %100		M42	Z				
48       M43A       Z      869      869       0       %100         49       M45       X      528      528       0       %100         50       M45       Z      915      915       0       %100         51       M50A       X      097      097       0       %100         52       M50A       Z      168      168       0       %100         53       M51C       X      247      247       0       %100         54       M51C       Z      428      428       0       %100         55       M52A       X      247      247       0       %100         56       M52A       Z      428      428       0       %100			X			<del> </del>	
49       M45       X      528      528       0       %100         50       M45       Z      915      915       0       %100         51       M50A       X      097      097       0       %100         52       M50A       Z      168      168       0       %100         53       M51C       X      247      247       0       %100         54       M51C       Z      428      428       0       %100         55       M52A       X      247      247       0       %100         56       M52A       Z      428      428       0       %100			Z				
50     M45     Z    915    915     0     %100       51     M50A     X    097    097     0     %100       52     M50A     Z    168    168     0     %100       53     M51C     X    247    247     0     %100       54     M51C     Z    428    428     0     %100       55     M52A     X    247    247     0     %100       56     M52A     Z    428    428     0     %100			X				
51     M50A     X    097    097     0     %100       52     M50A     Z    168    168     0     %100       53     M51C     X    247    247     0     %100       54     M51C     Z    428    428     0     %100       55     M52A     X    247    247     0     %100       56     M52A     Z    428    428     0     %100			Z				
52     M50A     Z    168    168     0     %100       53     M51C     X    247    247     0     %100       54     M51C     Z    428    428     0     %100       55     M52A     X    247    247     0     %100       56     M52A     Z    428    428     0     %100							
53         M51C         X        247        247         0         %100           54         M51C         Z        428        428         0         %100           55         M52A         X        247        247         0         %100           56         M52A         Z        428        428         0         %100							
54         M51C         Z        428        428         0         %100           55         M52A         X        247        247         0         %100           56         M52A         Z        428        428         0         %100			X				
55         M52A         X        247        247         0         %100           56         M52A         Z        428        428         0         %100			Z				
56 M52A Z428428 0 %100							
			Z				
						<del> </del>	

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

Member Label   Direction   Shart Magnitude(Inft), End			•	o. Otractare Wii		,	
Section   Sect	=0					_	
60 M56 Z474474 0 %100 61 M57 X 0 0 0 0 %100 62 M57 Z 0 0 0 0 0 %100 62 M57 Z 0 0 0 0 0 %100 63 M61 X164164 0 0 %100 64 M61 Z284284 0 9100 66 M62 Z869869 0 9100 66 M64 Z915915 0 9100 66 M64 Z915915 0 9100 67 M64 X528528 0 9100 67 M66 X164164 0 91100 70 M68 Z284284284 0 91100 70 M68 Z284284284 0 91100 71 M67 X 0 0 0 0 0 %100 71 M67 X 0 0 0						-	
61         MS7         X         0         0         0         %100           63         M61         X        184        164         0         %100           64         M61         X        184        164         0         %100           65         M62         X        502        502         0         %100           66         M62         X        502        502         0         %100           67         M64         X        528        528         0         %100           68         M64         X        528        528         0         %100           69         M66         X        164        164         0         %100           70         M66         Z        284        284         0         %100           71         M67         X         0         0         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         0         0         0         %100           74         M69         Z         0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
62         M57         Z         0         0         0         %100           63         M61         X         -184         -164         0         %100           64         M61         Z         -284         -284         0         %100           65         M62         X         -502         -502         0         %100           66         M62         Z         -869         -689         0         %100           67         M64         X         -528         -528         0         %100           67         M64         X         -528         -528         0         %100           69         M66         X         -164         -164         0         %100           70         M66         X         -164         -164         0         %100           71         M67         X         0         0         0         %100           71         M67         X         0         0         0         %100           72         M67         X         0         0         0         %100           73         M69         X         0						-	
63         M61         X        184        164         0         %100           64         M61         Z        284         0         %100           65         M62         X        502        502         0         %100           66         M62         Z        869        869         0         %100           67         M64         X        528        528         0         %100           67         M64         X        528        528         0         %100           68         M64         Z        915        915         0         %100           69         M66         X        164         0         %100         %100           70         M66         Z        284        284         0         %100           71         M67         X         0         0         0         %100           72         M67         Z         0         0         0         %100           72         M67         Z         0         0         0         %100           74         M69         Z         0							
64         M61         Z        284        284         0         %100           65         M62         X        502        502         0         %1100           66         M62         Z        869        869         0         %1100           67         M64         X        528        528         0         %1100           68         M64         Z        915        915         0         %100           69         M66         X        164        164         0         %100           70         M66         X        164        164         0         %100           71         M67         X         0         0         0         %100           71         M67         X         0         0         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         0         0         0         %100           75         M74         X         0         0         0         %100           75         M74         X         0							
65         M62         X         -502         -502         0         %100           66         M62         Z         -889         -889         0         %1100           67         M64         X         -528         -528         0         %1100           68         M64         Z         -915         -915         -915         0         %100           69         M66         X         -,164         0         %1100         %1100           70         M66         Z         -,284         -,284         0         %1100           71         M67         X         0         0         0         %1100           72         M67         Z         0         0         0         %1100           73         M69         X         0         0         0         %1100           74         M69         Z         0         0         0         %1100           74         M69         Z         0         0         0         %1100           75         M74         X         0         0         0         %1100           77         M75         X						0	
66         M62         Z         -869         -869         0         %100           67         M64         X         -528         -528         0         %100           68         M64         Z         -915         -915         0         %100           70         M66         X         -164         -164         0         %100           70         M66         X         -164         -164         0         %100           71         M67         X         0         0         0         0         %100           72         M67         X         0         0         0         0         %100           73         M69         X         0         0         0         0         %100           74         M69         X         0         0         0         %100           75         M74         X         0         0         0         %100           75         M74         X         0         0         0         %100           77         M75         X         -287         -287         0         %100           78         M75	64	M61		284	284	0	
67         M64         X         -528         -528         0         %100           68         M66         X         -164         -164         0         %100           70         M66         X         -164         -164         0         %100           70         M66         Z         -284         -284         0         %100           71         M67         X         0         0         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         0         0         0         %100           74         M69         Z         0         0         0         %100           74         M69         Z         0         0         0         %100           75         M74         X         0         0         0         %100           76         M74         Z         0         0         0         %100           78         M75         X         -287         -287         0         %100           78         M79B         X         -195         -195							
68         M64         Z        915        915         0         %100           69         M66         X        164         1.164         0         %100           70         M66         Z        284        284         0         %100           71         M67         X         0         0         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         0         0         0         %100           74         M69         Z         0         0         0         %100           75         M74         X         0         0         0         %100           75         M74         X         0         0         0         %100           76         M74         Z         0         0         0         %100           78         M75         X         -287         -287         0         %100           79         M79B         X         -195         -195         0         %100           80         M79B         X         -195         -195 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
69         M66         X        164        164         0         %100           70         M66         Z        284        284         0         %100           71         M67         X         0         0         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         0         0         0         %100           74         M69         Z         0         0         0         %100           75         M74         X         0         0         0         %100           76         M74         Z         0         0         0         %100           76         M74         Z         0         0         0         %100           77         M75         X         -287         -287         0         %100           77         M75         X         -288         -498         0         %100           79         M79B         X         -195         -195         0         %100           80         M79B         X         -195         -195	67	M64			528	0	%100
70         M66         Z        284        284         0         %100           71         M67         X         0         0         0         %100           72         M67         Z         0         0         0         %100           73         M69         X         0         0         0         %100           74         M69         Z         0         0         0         %100           75         M74         X         0         0         0         %100           76         M74         X         0         0         0         %100           76         M74         X         0         0         0         %100           77         M75         X         -287         -287         0         %100           77         M75         X         -288         -498         0         %100           78         M75         Z         -498         -498         0         %100           80         M79B         X         -195         -195         0         %100           81         M77A         X         0         0	68	M64	Z	915	915	0	%100
71         M67         X         0         0         0         %100           72         M69         X         0         0         0         %100           74         M69         X         0         0         0         %100           75         M74         X         0         0         0         %100           76         M74         X         0         0         0         %100           76         M74         Z         0         0         0         %100           77         M75         X        287         0         0         100           78         M75         Z        498        498         0         %100           79         M79B         X        195        195         0         %100           81         M77A         X         0         0         0         %100           81         M77A         X         0         0         0         %100           82         M77A         X         0         0         0         %100           84         M78         X        195        195 <t< td=""><td>69</td><td>M66</td><td>X</td><td>164</td><td>164</td><td>0</td><td>%100</td></t<>	69	M66	X	164	164	0	%100
71         M67         X         0         0         0         %100           72         M69         X         0         0         0         %100           74         M69         X         0         0         0         %100           75         M74         X         0         0         0         %100           76         M74         Z         0         0         0         %100           76         M74         Z         0         0         0         %100           77         M75         X        287         0         0         100           78         M75         Z        498        498         0         %100           79         M79B         X        195        195         0         %100           81         M77A         X         0         0         0         %100           81         M77A         X         0         0         0         %100           82         M77A         X         0         0         0         %100           84         M78         X        195        195 <t< td=""><td>70</td><td>M66</td><td>Z</td><td></td><td>284</td><td>0</td><td>%100</td></t<>	70	M66	Z		284	0	%100
72         M67         Z         0         0         %100           73         M69         X         0         0         0         %1100           74         M69         Z         0         0         0         %1100           75         M74         X         0         0         0         %1100           76         M74         X         0         0         0         %1100           77         M75         X        287        287         0         %1100           78         M79B         X        287        287         0         %1100           79         M79B         X        195        195         0         %1100           80         M79B         Z        338        338         0         %1100           82         M77A         X         0         0         0         %1100           82         M77A         X         0         0         0         %1100           84         M78         X        195        195         0         %1100           85         MP5A         X        26        26 <td></td> <td>M67</td> <td>X</td> <td></td> <td>_</td> <td>0</td> <td></td>		M67	X		_	0	
73         M69         X         0         0         % 100           74         M69         Z         0         0         0         %100           75         M74         X         0         0         0         %100           76         M74         Z         0         0         0         %100           77         M75         X        287        287         0         %100           78         M75         Z        498        498         0         %100           79         M79B         X        195        195         0         %100           80         M79B         Z        338        338         0         %100           81         M77A         X         0         0         0         0         %100           81         M77A         X         0         0         0         0         %100           82         M77A         X         0         0         0         0         %100           83         M78         X        195        195         0         %100           84         M78         Z<				0	0		
74         M69         Z         0         0         0         %100           75         M74         X         0         0         0         %100           76         M74         Z         0         0         0         %100           77         M75         X        287        287         0         %100           78         M75         Z        498        498         0         %100           79         M79B         X        195        195         0         %100           80         M79B         Z        338        338         0         %100           81         M77A         X         0         0         0         %100           82         M77A         Z         0         0         0         %100           83         M78         X        195        195         0         %100           84         M78         Z        338        338         0         %100           85         MP5A         X        195        195         0         %100           85         MP5A         X        26<	73		X	0	0	0	
75         M74         X         0         0         0         %100           76         M74         Z         0         0         0         %100           77         M75         X        287        287         0         %100           78         M75         Z        498        498         0         %100           79         M79B         X        195        195         0         %100           80         M79B         Z        338        338         0         %100           81         M77A         X         0         0         0         %100           81         M77A         Z         0         0         0         %100           82         M77A         Z         0         0         0         %100           84         M78         X        195        195         0         %100           84         M78         X        26        26         0         %100           86         MP5A         X        26        26         0         %100           88         MP4A         X        26 <td></td> <td></td> <td>Z</td> <td>i</td> <td></td> <td></td> <td></td>			Z	i			
76         M74         Z         0         0         %100           77         M75         X        287        287         0         %100           78         M75         Z        498        498         0         %100           79         M79B         X        195        195         0         %100           80         M79B         Z        338        338         0         %100           81         M77A         X         0         0         0         %100           82         M77A         Z         0         0         0         %100           83         M78         X        195        195         0         %100           84         M78         Z        338        338         0         %100           84         M78         Z        338        338         0         %100           85         MP5A         X        26        26         0         %100           86         MP5A         X        26        26         0         %100           87         MP4A         X        26							
77         M75         X        287         0         %100           78         M75         Z        498        498         0         %100           79         M79B         X        195        195         0         %100           80         M79B         Z        338        338         0         %100           81         M77A         X         0         0         0         %100           82         M77A         Z         0         0         0         %100           83         M78         X        195        195         0         %100           84         M78         Z        338        338         0         %100           85         MP5A         X        26        26         0         %100           85         MP5A         X        26        26         0         %100           86         MP5A         Z        45        45         0         %100           87         MP4A         X        26        26         0         %100           89         MP2A         Z        45							
78         M75         Z        498        495         0         %100           79         M79B         X        195        195         0         %100           80         M79B         Z        338        338         0         %6100           81         M77A         X         0         0         0         0         %100           82         M77A         Z         0         0         0         %100           83         M78         X        195         0         %100           84         M78         Z        338        338         0         %100           85         MP5A         X        26        26         0         %100           86         MP5A         Z        45        26         0         %100           87         MP4A         X        26        26         0         %100           88         MP4A         Z        45        45         0         %100           89         MP2A         X        26        26         0         %100           91         MP1A         X							
79         M79B         X        195        195         0         %100           80         M79B         Z        338        3338         0         %6100           81         M77A         X         0         0         0         %100           82         M77A         Z         0         0         0         %100           83         M78         X        195        195         0         %100           84         M78         Z        338        338         0         %100           85         MP5A         X        26        26         0         %100           86         MP5A         Z        45        45         0         %100           86         MP5A         Z        45        45         0         %100           89         MP4A         X        26        26         0         %100           89         MP2A         X        26        26         0         %100           90         MP2A         X        26        26         0         %100           92         MP1A         Z <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
80         M79B         Z        338        338         0         %100           81         M77A         X         0         0         0         %100           82         M77A         Z         0         0         0         %100           83         M78         X        195        195         0         %100           84         M78         Z        338        338         0         %100           85         MP5A         X        26        26         0         %100           86         MP5A         Z        45        45         0         %100           87         MP4A         X        26        26         0         %100           89         MP2A         Z        45        45         0         %100           89         MP2A         X        26        26         0         %100           91         MP1A         X        26        26         0         %100           92         MP1A         Z        45        45         0         %100           94         MP3A         X							
81         M77A         X         0         0         0         %100           82         M77A         Z         0         0         0         %100           83         M78         X        195         0         %100           84         M78         Z        338        338         0         %100           85         MP5A         X        26        26         0         %100           86         MP5A         Z        45        45         0         %100           87         MP4A         X        26        26         0         %100           88         MP4A         Z        45        45         0         %100           89         MP2A         X        26        26         0         %100           90         MP2A         Z        45        45         0         %100           91         MP1A         X        26        26         0         %100           92         MP1A         Z        45        45         0         %100           93         MP3A         X        315							
82         M77A         Z         0         0         %100           83         M78         X        195        195         0         %100           84         M78         Z        338        338         0         %100           85         MP5A         X        26        26         0         %100           86         MP5A         Z        45        45         0         %100           87         MP4A         X        26        26         0         %100           88         MP4A         X        26        26         0         %100           89         MP2A         X        26        26         0         %100           90         MP2A         Z        45        45         0         %100           90         MP2A         Z        45        45         0         %100           91         MP1A         X        26        26         0         %100           92         MP1A         Z        45        45         0         %100           93         MP3A         X        315							
83         M78         X        195        195         0         %100           84         M78         Z        338        338         0         %100           85         MP5A         X        26        26         0         %100           86         MP5A         Z        45        45         0         %100           87         MP4A         X        26        26         0         %100           88         MP4A         Z        45        45         0         %100           89         MP2A         X        26        26         0         %100           90         MP2A         Z        45        45         0         %100           91         MP1A         X        26        26         0         %100           91         MP1A         Z        45        45         0         %100           92         MP1A         Z        45        26         0         %100           93         MP3A         X        315        315         0         %100           94         MP3A         <							
84         M78         Z        338        338         0         %100           85         MP5A         X        26        26         0         %100           86         MP5A         Z        45        45         0         %100           87         MP4A         X        26        26         0         %100           88         MP4A         Z        45        45         0         %100           89         MP2A         X        26        26         0         %100           90         MP2A         X        26        26         0         %100           91         MP1A         X        26        26         0         %100           92         MP1A         Z        45        45         0         %100           92         MP1A         Z        45        45         0         %100           93         MP3A         X        315         0         %100           94         MP3A         Z        545        545         0         %100           95         MP5C         X					- 195		
85         MP5A         X        26        26         0         %100           86         MP5A         Z        45        45         0         %100           87         MP4A         X        26        26         0         %100           88         MP4A         Z        45        45         0         %100           89         MP2A         X        26        26         0         %100           90         MP2A         Z        45        45         0         %100           90         MP2A         Z        45        45         0         %100           91         MP1A         X        26        26         0         %100           92         MP1A         X        26        26         0         %100           93         MP3A         X        315        315         0         %100           94         MP3A         Z        545        545         0         %100           95         MP5C         X        26        26         0         %100           97         MP4C         <			7				
86         MP5A         Z        45        45         0         %100           87         MP4A         X        26        26         0         %100           88         MP4A         Z        45        45         0         %100           89         MP2A         X        26        26         0         %100           90         MP2A         Z        45        45         0         %100           91         MP1A         X        26        26         0         %100           91         MP1A         X        26        26         0         %100           92         MP1A         Z        45        45         0         %100           93         MP3A         X        315        315         0         %100           94         MP3A         Z        545        545         0         %100           95         MP5C         X        26        26         0         %100           96         MP5C         X        26        26         0         %100           97         MP4C         <							
87         MP4A         X        26        26         0         %100           88         MP4A         Z        45        45         0         %100           89         MP2A         X        26        26         0         %100           90         MP2A         Z        45         0         %100           91         MP1A         X        26        26         0         %100           91         MP1A         X        26        26         0         %100           92         MP1A         Z        45        45         0         %100           92         MP1A         Z        45        45         0         %100           93         MP3A         X        315        315         0         %100           94         MP3A         Z        545        545         0         %100           95         MP5C         X        26        26         0         %100           96         MP5C         Z        45        45         0         %100           97         MP4C         X							
88         MP4A         Z        45        45         0         %100           89         MP2A         X        26        26         0         %100           90         MP2A         Z        45        45         0         %100           91         MP1A         X        26        26         0         %100           92         MP1A         X        26        26         0         %100           92         MP1A         X        45        45         0         %100           93         MP3A         X        315        315         0         %100           94         MP3A         Z        545        545         0         %100           95         MP5C         X        26        26         0         %100           96         MP5C         X        26        26         0         %100           97         MP4C         X        26        26         0         %100           98         MP4C         Z        45        45         0         %100           100         MP2C				26			
89         MP2A         X        26        26         0         %100           90         MP2A         Z        45        45         0         %100           91         MP1A         X        26        26         0         %100           92         MP1A         Z        45        45         0         %100           93         MP3A         X        315        315         0         %100           94         MP3A         Z        545        545         0         %100           95         MP5C         X        26        26         0         %100           96         MP5C         Z        45        26         0         %100           96         MP5C         Z        45        26         0         %100           98         MP4C         X        26        26         0         %100           99         MP2C         X        26        26         0         %100           100         MP2C         Z        45        45         0         %100           102         MP1C			Z	45		0	
90         MP2A         Z        45         0         %100           91         MP1A         X        26        26         0         %100           92         MP1A         Z        45         0         %100           93         MP3A         X        315        315         0         %100           94         MP3A         Z        545        545         0         %100           95         MP5C         X        26        26         0         %100           96         MP5C         Z        45        45         0         %100           97         MP4C         X        26        26         0         %100           98         MP4C         Z        45        45         0         %100           99         MP2C         X        26        26         0         %100           100         MP2C         Z        45        45         0         %100           101         MP1C         X        26        26         0         %100           102         MP1C         Z        45         <			Х	26		0	
91         MP1A         X        26        26         0         %100           92         MP1A         Z        45        45         0         %100           93         MP3A         X        315        315         0         %100           94         MP3A         Z        545        545         0         %100           95         MP5C         X        26        26         0         %100           96         MP5C         Z        45        45         0         %100           97         MP4C         X        26        26         0         %100           98         MP4C         Z        45        45         0         %100           98         MP4C         Z        45        45         0         %100           98         MP4C         Z        45        45         0         %100           100         MP2C         X        26        26         0         %100           101         MP1C         X        26        26         0         %100           102         MP1C						0	
92         MP1A         Z        45        45         0         %100           93         MP3A         X        315        315         0         %100           94         MP3A         Z        545        545         0         %100           95         MP5C         X        26        26         0         %100           96         MP5C         Z        45        45         0         %100           97         MP4C         X        26        26         0         %100           98         MP4C         Z        45        45         0         %100           99         MP2C         X        26        26         0         %100           100         MP2C         Z        45        45         0         %100           101         MP1C         X        26        26         0         %100           102         MP1C         X        26        26         0         %100           103         MP3C         X        315        315         0         %100           104         MP3C		MP1A	X			0	
93         MP3A         X        315        315         0         %100           94         MP3A         Z        545        545         0         %100           95         MP5C         X        26        26         0         %100           96         MP5C         Z        45        45         0         %100           97         MP4C         X        26        26         0         %100           98         MP4C         Z        45        45         0         %100           99         MP2C         X        26        26         0         %100           100         MP2C         X        26        26         0         %100           101         MP1C         X        26        26         0         %100           102         MP1C         X        26        26         0         %100           103         MP3C         X        315        315         0         %100           104         MP3C         Z        545        545         0         %100           105         MP5B	92	MP1A				0	%100
94         MP3A         Z        545        545         0         %100           95         MP5C         X        26        26         0         %100           96         MP5C         Z        45        45         0         %100           97         MP4C         X        26        26         0         %100           98         MP4C         Z        45        45         0         %100           99         MP2C         X        26        26         0         %100           100         MP2C         X        26        26         0         %100           101         MP1C         X        26        26         0         %100           102         MP1C         X        26        26         0         %100           103         MP3C         X        315        315         0         %100           104         MP3C         Z        545        545         0         %100           105         MP5B         X        26        26         0         %100           106         MP5B	93		X			0	
95         MP5C         X        26        26         0         %100           96         MP5C         Z        45        45         0         %100           97         MP4C         X        26        26         0         %100           98         MP4C         Z        45        45         0         %100           99         MP2C         X        26        26         0         %100           100         MP2C         Z        45        45         0         %100           101         MP1C         X        26        26         0         %100           102         MP1C         Z        45        45         0         %100           103         MP3C         X        315        315         0         %100           104         MP3C         X        345        545         0         %100           105         MP3B         X        26        26         0         %100           105         MP5B         X        26        26         0         %100           106         MP5B	94	MP3A	Z			0	
96         MP5C         Z        45        45         0         %100           97         MP4C         X        26        26         0         %100           98         MP4C         Z        45        45         0         %100           99         MP2C         X        26        26         0         %100           100         MP2C         Z        45        45         0         %100           101         MP1C         X        26        26         0         %100           102         MP1C         Z        45        45         0         %100           103         MP3C         X        315        315         0         %100           103         MP3C         X        315        315         0         %100           104         MP3C         X        545        545         0         %100           105         MP5B         X        26        26         0         %100           106         MP5B         X        26        26         0         %100           108         MP4B <td>95</td> <td>MP5C</td> <td>X</td> <td></td> <td></td> <td>0</td> <td>%100</td>	95	MP5C	X			0	%100
97         MP4C         X        26        26         0         %100           98         MP4C         Z        45        45         0         %100           99         MP2C         X        26        26         0         %100           100         MP2C         Z        45        45         0         %100           101         MP1C         X        26        26         0         %100           102         MP1C         Z        45        45         0         %100           102         MP1C         Z        45        45         0         %100           103         MP3C         X        315        315         0         %100           103         MP3C         X        315        315         0         %100           104         MP3C         Z        545        545         0         %100           105         MP5B         X        26        26         0         %100           106         MP5B         Z        45        45         0         %100           108         MP4B <td>96</td> <td>MP5C</td> <td></td> <td></td> <td>45</td> <td>0</td> <td></td>	96	MP5C			45	0	
98         MP4C         Z        45        45         0         %100           99         MP2C         X        26        26         0         %100           100         MP2C         Z        45        45         0         %100           101         MP1C         X        26        26         0         %100           102         MP1C         Z        45        45         0         %100           103         MP3C         X        315        315         0         %100           104         MP3C         Z        545        545         0         %100           105         MP5B         X        26        26         0         %100           106         MP5B         Z        45        45         0         %100           107         MP4B         X        26        26         0         %100           108         MP4B         Z        45        45         0         %100           109         MP2B         X        26        26         0         %100           110         MP2B <td>97</td> <td>MP4C</td> <td>X</td> <td>26</td> <td>26</td> <td>0</td> <td>%100</td>	97	MP4C	X	26	26	0	%100
99         MP2C         X        26        26         0         %100           100         MP2C         Z        45        45         0         %100           101         MP1C         X        26        26         0         %100           102         MP1C         Z        45        45         0         %100           103         MP3C         X        315        315         0         %100           104         MP3C         Z        545        545         0         %100           105         MP5B         X        26        26         0         %100           106         MP5B         Z        45        45         0         %100           107         MP4B         X        26        26         0         %100           108         MP4B         Z        45        45         0         %100           109         MP2B         X        26        26         0         %100           110         MP2B         Z        45        45         0         %100           111         MP1B <td></td> <td>MP4C</td> <td>Z</td> <td>45</td> <td>45</td> <td></td> <td></td>		MP4C	Z	45	45		
100         MP2C         Z        45        45         0         %100           101         MP1C         X        26        26         0         %100           102         MP1C         Z        45        45         0         %100           103         MP3C         X        315        315         0         %100           104         MP3C         Z        545        545         0         %100           105         MP5B         X        26        26         0         %100           106         MP5B         Z        45        45         0         %100           107         MP4B         X        26        26         0         %100           108         MP4B         Z        45        45         0         %100           109         MP2B         X        26        26         0         %100           110         MP2B         Z        45        45         0         %100           111         MP1B         X        26        26         0         %100		MP2C	X				
101         MP1C         X        26        26         0         %100           102         MP1C         Z        45        45         0         %100           103         MP3C         X        315        315         0         %100           104         MP3C         Z        545        545         0         %100           105         MP5B         X        26        26         0         %100           106         MP5B         Z        45        45         0         %100           107         MP4B         X        26        26         0         %100           108         MP4B         Z        45        45         0         %100           109         MP2B         X        26        26         0         %100           110         MP2B         Z        45        45         0         %100           111         MP1B         X        26        26         0         %100	100	MP2C	Z			0	
102         MP1C         Z        45        45         0         %100           103         MP3C         X        315        315         0         %100           104         MP3C         Z        545        545         0         %100           105         MP5B         X        26        26         0         %100           106         MP5B         Z        45        45         0         %100           107         MP4B         X        26        26         0         %100           108         MP4B         Z        45        45         0         %100           109         MP2B         X        26        26         0         %100           110         MP2B         Z        45        45         0         %100           111         MP1B         X        26        26         0         %100	101		X	26	26		
103         MP3C         X        315        315         0         %100           104         MP3C         Z        545        545         0         %100           105         MP5B         X        26        26         0         %100           106         MP5B         Z        45        45         0         %100           107         MP4B         X        26        26         0         %100           108         MP4B         Z        45        45         0         %100           109         MP2B         X        26        26         0         %100           110         MP2B         Z        45        45         0         %100           111         MP1B         X        26        26         0         %100			Z	45	45	0	
104         MP3C         Z        545        545         0         %100           105         MP5B         X        26        26         0         %100           106         MP5B         Z        45        45         0         %100           107         MP4B         X        26        26         0         %100           108         MP4B         Z        45        45         0         %100           109         MP2B         X        26        26         0         %100           110         MP2B         Z        45        45         0         %100           111         MP1B         X        26        26         0         %100		MP3C	X	315	315		%100
105         MP5B         X        26        26         0         %100           106         MP5B         Z        45        45         0         %100           107         MP4B         X        26        26         0         %100           108         MP4B         Z        45        45         0         %100           109         MP2B         X        26        26         0         %100           110         MP2B         Z        45        45         0         %100           111         MP1B         X        26        26         0         %100		MP3C	Z			0	%100
106     MP5B     Z    45    45     0     %100       107     MP4B     X    26    26     0     %100       108     MP4B     Z    45    45     0     %100       109     MP2B     X    26    26     0     %100       110     MP2B     Z    45    45     0     %100       111     MP1B     X    26    26     0     %100			X	26	26		%100
107         MP4B         X        26        26         0         %100           108         MP4B         Z        45        45         0         %100           109         MP2B         X        26        26         0         %100           110         MP2B         Z        45        45         0         %100           111         MP1B         X        26        26         0         %100			Z	45	45		
108         MP4B         Z        45        45         0         %100           109         MP2B         X        26        26         0         %100           110         MP2B         Z        45        45         0         %100           111         MP1B         X        26        26         0         %100	107	MP4B	X	26	26	0	
109         MP2B         X        26        26         0         %100           110         MP2B         Z        45        45         0         %100           111         MP1B         X        26        26         0         %100			Z	45	45		
110         MP2B         Z        45        45         0         %100           111         MP1B         X        26        26         0         %100				26	26		
111 MP1B X2626 0 %100			Z				
140			X		26		
	112	MP1B	Z	45	45	0	%100
113 MP3B X315315 0 %100			X				
114         MP3B         Z        545         0         %100	114	MP3B	Z	545	545	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
115	M130	X	137	137	0	%100
116	M130	Z	238	238	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	0	0	0	%100
119	M134	X	137	137	0	%100
120	M134	Z	238	238	0	%100
121	OVP	X	237	237	0	%100
122	OVP	Z	41	41	0	%100

#### Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M32	Υ	-1.884	-4.426	0	.832
2	M32	Υ	-4.426	-7.044	.832	1.665
3	M32	Υ	-7.044	-8.26	1.665	2.497
4	M32	Υ	-8.26	-6.573	2.497	3.329
5	M32	Υ	-6.573	-3.462	3.329	4.162
6	M33	Υ	-3.463	-6.545	0	.832
7	M33	Υ	-6.545	-8.189	.832	1.665
8	M33	Υ	-8.189	-6.902	1.665	2.497
9	M33	Υ	-6.902	-4.228	2.497	3.329
10	M33	Υ	-4.228	-1.661	3.329	4.162
11	M56	Υ	-1.661	-4.228	0	.832
12	M56	Υ	-4.228	-6.902	.832	1.665
13	M56	Υ	-6.902	-8.189	1.665	2.497
14	M56	Υ	-8.189	-6.545	2.497	3.329
15	M56	Υ	-6.545	-3.463	3.329	4.162
16	M57	Υ	-3.462	-6.573	0	.832
17	M57	Υ	-6.573	-8.26	.832	1.665
18	M57	Υ	-8.26	-7.044	1.665	2.497
19	M57	Υ	-7.044	-4.426	2.497	3.329
20	M57	Υ	-4.426	-1.884	3.329	4.162
21	M51B	Υ	-1.879	-4.428	0	.832
22	M51B	Υ	-4.428	-7.042	.832	1.665
23	M51B	Υ	-7.042	-8.256	1.665	2.497
24	M51B	Υ	-8.256	-6.578	2.497	3.329
25	M51B	Υ	-6.578	-3.47	3.329	4.162
26	M52B	Υ	-3.463	-6.545	0	.832
27	M52B	Υ	-6.545	-8.189	.832	1.665
28	M52B	Υ	-8.189	-6.9	1.665	2.497
29	M52B	Υ	-6.9	-4.227	2.497	3.329
30	M52B	Υ	-4.227	-1.665	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M32	Υ	-3.664	-8.628	0	.832
2	M32	Υ	-8.628	-13.716	.832	1.665
3	M32	Υ	-13.716	-16.081	1.665	2.497
4	M32	Υ	-16.081	-12.812	2.497	3.329
5	M32	Υ	-12.812	-6.758	3.329	4.162
6	M33	Υ	-6.745	-12.746	0	.832
7	M33	Υ	-12.746	-15.952	.832	1.665
8	M33	Υ	-15.952	-13.442	1.665	2.497
9	M33	Υ	-13.442	-8.232	2.497	3.329
10	M33	Υ	-8.232	-3.244	3.329	4.162
11	M51B	Υ	-3.661	-8.626	0	.832
12	M51B	Y	-8.626	-13.716	.832	1.665

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
13	M51B	Υ	-13.716	-16.082	1.665	2.497
14	M51B	Υ	-16.082	-12.813	2.497	3.329
15	M51B	Υ	-12.813	-6.759	3.329	4.162
16	M52B	Υ	-6.745	-12.748	0	.832
17	M52B	Υ	-12.748	-15.951	.832	1.665
18	M52B	Υ	-15.951	-13.44	1.665	2.497
19	M52B	Υ	-13.44	-8.233	2.497	3.329
20	M52B	Υ	-8.233	-3.244	3.329	4.162
21	M56	Υ	-3.236	-8.236	0	.832
22	M56	Υ	-8.236	-13.444	.832	1.665
23	M56	Υ	-13.444	-15.95	1.665	2.497
24	M56	Υ	-15.95	-12.748	2.497	3.329
25	M56	Υ	-12.748	-6.746	3.329	4.162
26	M57	Υ	-6.743	-12.804	0	.832
27	M57	Υ	-12.804	-16.09	.832	1.665
28	M57	Υ	-16.09	-13.722	1.665	2.497
29	M57	Υ	-13.722	-8.622	2.497	3.329
30	M57	Υ	-8.622	-3.671	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M32	Υ	084	197	0	.832
2	M32	Υ	197	313	.832	1.665
3	M32	Υ	313	367	1.665	2.497
4	M32	Υ	367	292	2.497	3.329
5	M32	Υ	292	154	3.329	4.162
6	M33	Υ	154	291	0	.832
7	M33	Υ	291	364	.832	1.665
8	M33	Υ	364	307	1.665	2.497
9	M33	Υ	307	188	2.497	3.329
10	M33	Υ	188	074	3.329	4.162
11	M56	Υ	074	188	0	.832
12	M56	Υ	188	307	.832	1.665
13	M56	Υ	307	364	1.665	2.497
14	M56	Υ	364	291	2.497	3.329
15	M56	Υ	291	154	3.329	4.162
16	M57	Υ	154	292	0	.832
17	M57	Υ	292	367	.832	1.665
18	M57	Υ	367	313	1.665	2.497
19	M57	Υ	313	197	2.497	3.329
20	M57	Υ	197	084	3.329	4.162
21	M51B	Υ	083	197	0	.832
22	M51B	Υ	197	313	.832	1.665
23	M51B	Υ	313	367	1.665	2.497
24	M51B	Υ	367	292	2.497	3.329
25	M51B	Υ	292	154	3.329	4.162
26	M52B	Υ	154	291	0	.832
27	M52B	Υ	291	364	.832	1.665
28	M52B	Υ	364	307	1.665	2.497
29	M52B	Υ	307	188	2.497	3.329
30	M52B	Υ	188	074	3.329	4.162

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

	Member Label	Direction	_Start Magnitude[lb/ft,	<u>End Magnitude[lb/ft,F</u>	. Start Location[ft,%]	End Location[ft,%]
1	M32	Z	209	491	0	.832
2	M32	Z	491	782	.832	1.665

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M32	X	.209	.491	0	.832
2	M32	Х	.491	.782	.832	1.665
3	M32	Χ	.782	.917	1.665	2.497
4	M32	Χ	.917	.729	2.497	3.329
5	M32	X	.729	.384	3.329	4.162
6	M33	Χ	.384	.726	0	.832
7	M33	Х	.726	.909	.832	1.665
8	M33	Χ	.909	.766	1.665	2.497
9	M33	Χ	.766	.469	2.497	3.329
10	M33	Χ	.469	.184	3.329	4.162
11	M56	X	.184	.469	0	.832
12	M56	Х	.469	.766	.832	1.665
13	M56	Χ	.766	.909	1.665	2.497
14	M56	Χ	.909	.726	2.497	3.329
15	M56	X	.726	.384	3.329	4.162
16	M57	Χ	.384	.729	0	.832
17	M57	X	.729	.917	.832	1.665
18	M57	X	.917	.782	1.665	2.497
19	M57	X	.782	.491	2.497	3.329
20	M57	Χ	.491	.209	3.329	4.162
21	M51B	Χ	.209	.491	0	.832
22	M51B	Χ	.491	.781	.832	1.665
23	M51B	Χ	.781	.916	1.665	2.497
24	M51B	X	.916	.73	2.497	3.329
25	M51B	Χ	.73	.385	3.329	4.162



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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
26	M52B	X	.384	.726	0	.832
27	M52B	X	.726	.909	.832	1.665
28	M52B	Х	.909	.766	1.665	2.497
29	M52B	X	.766	.469	2.497	3.329
30	M52B	X	.469	.185	3.329	4.162

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

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

#### Member Area Loads (BLC 40 : Structure Di)

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

#### Member Area Loads (BLC 84 : Structure Ev)

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

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N57	N59	N35	N34	Z	Two Way	000577
2	N63	N64	N88	N86	Z	Two Way	000577
3	N7	N87B	N87C	N6	7	Two Way	- 000577

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

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

#### **Envelope Joint Reactions**

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [	LC
1	N3	m	1372.188	10	2746.74	13	2558.78	1	5.523	13	2.023	4	.42	4
2		m	-1370.124	4	489.309	7	-2677.327	7	191	7	-2.015	10	476	10
3	N32	m	2167.775	10	2870.664	21	1713.837	1	152	2	2.673	12	271	3
4		m	-2271.719	4	522.247	3	-1661.686	7	-3.016	20	-2.67	6	-5.266	21
5	N61	m	2189.576	11	2577.756	17	1558.096	1	051	11	1.891	8	4.487	17
6		m	-2091.195	5	412.216	11	-1491.696	7	-2.929	29	-1.891	2	.007	11
7	Totals:	m	5651.982	10	7714.195	23	5830.714	1						
8		m	-5651.981	4	2450.807	68	-5830.708	7						

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

	Member		Code Check	Loc[ft]	LC	Shear Check	L	Dir					phi*Mn Eqn
1		PIPE	.174	7.813	20	.133	7		10		65205		5.749H1
2		HSS4	.345	0	13	.084	0	У	23	12465		16.181	16.181 H1
3		HSS4	.183	2.375	14	.054		Z	2	13626			16.181 H1
4		HSS4	.191	0	24	.059	2	Z	12	13626		16.181	16.181 H1
5		PL3/8x6	.224	.516	12	.139	1	У	4	36285			9.113H1
6	M51B		.260	0	3	.015	4	У	16	6710.6	.15466	.391	.653H2-1
7	M52B	L2x2x2	.277	0	12	.015	0	У	22	6710.6	.15466	.391	.668H2-1
8	M76	PL3/8x6	.242	0	2	.250	0	٧	21	70647	72900	.57	9.113H1
9	M77	PL3/8x6	.326	.167	8	.369	0	V	14	71583	72900	.57	9.113H1
10	M80	PL3/8x6	.101	.112	12	.136		V	4		72900		9.113H1
11		PL3/8x6	.366	0	12	.262	0	v	17		72900		9.113H1
12		PL3/8x6	.380	.167	6	.386	0	V	24		72900		9.113H1
13		PL3/8x6	.105	.112	2	.133		V	10		72900		9.113H1
14		HSS4	.388	0	23	.083	0	V	43	12465		16.181	16.181 H1
15		HSS4	.206	2.375	22	.062	2	v	21	13626	139518		16.181H1
16		HSS4	.206	0	20	.062	0	V	21	13626	139518		16.181H1
17		PL3/8x6	.198	.516	8	.155		<del>y</del>	6		72900	.57	9.113H1
18		L2x2x2	.295	0	11	.015	4	V	24	6710.6		.391	.653H2-1
19		L2x2x2	.287	4.162	7	.015	0	<del>y</del>	18	6710.6		.391	.653H2-1
20		PL3/8x6	.267	0	10	.268	0	V	16	70647		.57	9.113H1
21		PL3/8x6	.362	.167	4	.420	0	_ <u>y</u>	22	71583			9.113H1
22		PL3/8x6	.108	.112	7	.154	0	V	6	72302			9.113H1
23		PL3/8x6	.273	0	8	.277	0	<u>y</u>	13	70647			9.113H1
24		PL3/8x6	.355	.167	2	.418	0	V	20		72900		9.113H1
25		PL3/8x6	.105	.112	11	.151		<u>y</u>	6		72900		9.113H1
26	M50A		.330	0	17	.086	0	<u>y</u>	42	12465	139518		16.181 H1
27	M51C		.190	2.375	18	.061		_ <u>y</u> Z	6	13626	139518		16.181H1
28	M52A		.184	0	16	.054	0	V	17	13626			16.181 H1
29		PL3/8x6	.223	.516	12	.148		<u>y</u> V	26		72900	.57	9.113H1
30		L2x2x2	.281	4.162	6	.015	4	<u>y</u>	20	6710.6		.391	.668H2-1
31		L2x2x2	.254	4.162	3	.015	0	<u>y</u>	14	6710.6		.391	.653H2-1
32		PL3/8x6	.355	0	6	.248	0	V	24	70647		.57	9.113H1
33		PL3/8x6	.384	.167	12	.385	0	<u>y</u> V	18	71583			9.113H1
34		PL3/8x6	.107	.112	3	.246	0	V	26		72900		9.113H1
35		PL3/8x6	.256	0	4	.261	0	<u>y</u>	21	70647			9.113H1
36		PL3/8x6	.320	.167	10	.370	0	V	16	71583			9.113H1
37		PL3/8x6	.101	.112	6	.146		_ <u>y</u>	2	72302			9.113H1
38		PIPE	.157	7.812	16	.144	7	у	6	28250			5.749H1
39		PIPE	.172	4.687	22	.132	7		2		65205		5.749H1
40	M79B		.193	7.118	5	.191	1		5	5266.4			1.872H1
41		PIPE		2.135	5	.196	1		5			1.872	
42		PIPE	.199	2.135	12	.205	1		1			1.872	1.872H1
43		PIPE	.239	4.313	11	.097	4					1.872	1.872H1
44			.266	4.313	5	.105	3					1.872	1.872H1
45			.263	4.313	9	.116	4		5			1.872	1.872H1
46			.229	4.313	10	.095	4		4			1.872	1.872H1
47	MP3A		.271	4.818	11	.126	2		10			3.596	3.596H1
48			.224	4.313	6	.089	4		6			1.872	1.872H1
49	MP4C		.257	4.313	1	.115	3		6	20866			1.872H1
			.259	4.313	5	.120	4		12			1.872	1.872H1
51	MP1C		.223	4.313	12	.088	4		12			1.872	1.872H1
52	MP3C		.263	4.818	6	.137	2		6			3.596	3.596H1
53	MP5B		.223	4.313	8	.095	4		2			1.872	1.872H1
54	MP4B		.253	4.313	9	.110	3		1			1.872	1.872H1
55	MP2B		.282	4.313	1	.110	4		8			1.872	1.872H1
56			.245	4.313	7	.095	4		8			1.872	1.872H1
57	MP3B		.268	4.818	7	.125	2		2			3.596	3.596H1
<u> </u>	INIL 2D	P 0 E	.200	4.010	1	. 120	٠٠٠-			1 - 000	<u>00110</u>	J.580	J.JJU   III



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

	Member Shape	Code Check	Loc[ft]	LC	Shear Check	L Dir	LC	phi*Pn	phi*P	phi*Mn y	phi*Mn	Eqn
58	M130 PIPE	.135	.746	4	.388	0	4	30919	32130	1.872	1.872	H3-6
59	M131 PIPE	.172	.727	12	.437	0	12	30919	32130	1.872	1.872	H3-6
60	M134 PIPE	.140	.746	8	.392	0	8	30919	32130	1.872	1.872	H3-6
61	OVP PIPE	.216	3.5	12	.018	3.5	12	26521	32130	1.872	1.872	H1



W2 (in):

Member Thickness (in): Stiffener location a<sub>1</sub> (in): Stiffener location b<sub>1</sub> (in): Stiffener location a<sub>2</sub> (in):

Stiffener location b<sub>2</sub> (in):

Plate Bending Utilization:

F<sub>y</sub> (ksi, plate): Plate Thickness (in): Length of Yield Line, L<sub>y</sub> (in): Bolt Eccentricity, e (in):

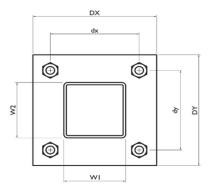
M<sub>u</sub> (kip-in):  $Phi*M_n$  (kip-in):

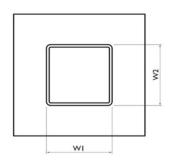
Client:	Verizon Wireless	Date:	7/11/2023
Site Name:	MONROE WEST CT		
MDG #:	5000386928		
Fuze ID #:	17123811	Page:	1

Version 1.01

I. Mount-to-Tower Connection Check	
<u>Custom Orientation Required</u>	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel
Bolt Quantity per Reaction:	4
$d_x$ (in) (Delta X of typ. bolt config. sketch):	8
$d_v(in)$ (Delta Y of typ. bolt config. sketch):	8
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	4.7
Required Shear Strength / bolt (kips):	0.7
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	22.9%
<u>Tower Connection Baseplate Checks</u>	Yes
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D <sub>x</sub> (in):	10
Plate Height, D <sub>y</sub> (in):	10
W1(in):	4

Rect Tube
No Stiffeners
10
10
4
4
0.25
36
0.625
7.85
3.06
14.52
24.84
58.5%







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

Version 1.01

#### **Tower Connection Weld Checks**

Weld Shape:

Weld Stiffener Configuration:

Weld Size (1/16 in):

W1 (in):

W2 (in):

Weld Total Length (in):

 $Z_x$  (in<sup>3</sup>/in):

 $Z_y$  (in<sup>3</sup>/in):

J<sub>p</sub> (in<sup>4</sup>/in): c<sub>x</sub> (in)

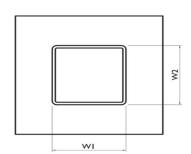
c<sub>y</sub> (in)

Required combined strength (kip/in):

Weld Capacity (kip/in):

Weld Utilization:

Rectangle
None
3
4
4
16.00
21.33
21.33
85.33
2.25
2.25
2.37
4.18
56.6%



Date: January 16, 2024



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

Subject: **Structural Analysis Report** 

Carrier Designation: Verizon Wireless Co-Locate

> Site Number: 5000386928

Site Name: MONROE WEST CT

Crown Castle Designation: **BU Number:** 876355

> Site Name: **UPPER STEPNEY - TLC**

JDE Job Number: 751366 Work Order Number: 2278140 Order Number: 654594 Rev. 0

Engineering Firm Designation: **Crown Castle Project Number** 2278140

Site Data: 474-480 Main St., Monroe, Fairfield County, CT

Latitude: 41° 19' 31.99" Longitude: -73° 15' 57.05"

191.5 ft - Monopole Tower

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

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

LC7: Proposed Equipment Configuration

**Sufficient Capacity - 50.3%** 

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

Structural analysis prepared by: Steven Hu

Respectfully submitted by:

Digitally signed by Date: 2024.01.19 09:15:37

Sudarshan Kosera

Sudarshan C Kasera, P.E. Senior Project Engineer

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**Additional Calculations** 

#### 1) INTRODUCTION

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

#### 2) ANALYSIS CRITERIA

TIA-222 Revision: TIA-222-H

Risk Category:

Wind Speed: 117 mph

Exposure Category:BTopographic Factor:1Ice Thickness:1.00 inWind Speed with Ice:50 mphService Wind Speed:60 mph

**Table 1 - Proposed Equipment Configuration** 

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

**Table 2 - Other Considered Equipment** 

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)		
	194	3	ericsson	AIR6449 B41_T-MOBILE w/ Mount Pipe				
	192		3	commscope	ATSBT-TOP-MF-4G			
				3	ericsson	RADIO 4415 B66A_CCIV3		
				3	ericsson	RADIO 4424 B25_TMO		
192			3	ericsson	RADIO 4449 B12/B71	3	1-5/8	
192		3	rfs celwave	APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	3	1-3/6		
		3	rfs celwave	APXVAARR24_43-U-NA20 w/ Mount Pipe				
		1	tower mounts	Platform Mount [LP 303-1_HR-1]				

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)		
		3	alcatel lucent	800 EXTERNAL NOTCH FILTER				
154	154	3	alcatel lucent	800MHZ 2X50W RRH				
154	154	3	alcatel lucent	PCS 1900MHZ 4X45W- 65MHZ	-	-		
		1	tower mounts	Side Arm Mount [SO 102-3]				
		3	alcatel lucent	TD-RRH8X20-25				
450	150	150	150	3	rfs celwave	APXVSPP18-C-A20 w/ Mount Pipe	4	4 4/4
150				3	rfs celwave	APXVTM14-C-120 w/ Mount Pipe	4	1-1/4
		1 tower mounts Platform Mount [LP 601	Platform Mount [LP 601-1]					
	141	1	site pro 1	HRK14				
		6	cci antennas	OPA-65R-BU6DA-K w/ Mount Pipe				
		3	ericsson	RRUS 4449 B5/B12	6	1 1/1		
137	140	3	ericsson	RRUS 4478 B14_CCIV2	6	1-1/4 3/8		
		3	ericsson	RRUS 8843 B2/B66A_CCIV2	'	3/0		
	1	raycap	DC6-48-60-18-8C-EV					
		1	raycap	DC6-48-60-18-8F				
	137	1	tower mounts	Platform Mount [LP 303-1]				
50	52	1	kathrein	OG-860/1920/GPS-A	1	1/2		
30	50	1	tower mounts	Side Arm Mount [SO 701-1]	ı	1/2		

#### 3) ANALYSIS PROCEDURE

**Table 3 - Documents Provided** 

Document	Reference	Source
4-GEOTECHNICAL REPORTS	1531885	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	1631625	CCISITES
4-TOWER MANUFACTURER DRAWINGS	1631582	CCISITES

#### 3.1) Analysis Method

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

#### 3.2) Assumptions

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

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

#### 4) ANALYSIS RESULTS

**Table 4 - Section Capacity (Summary)** 

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

Table 5 - Tower Component Stresses vs. Capacity - LC7

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

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

Notes:

#### 4.1) Recommendations

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

<sup>1)</sup> See additional documentation in "Appendix C – Additional Calculations" for calculations supporting the % capacity

# APPENDIX A TNXTOWER OUTPUT

									<u>191.5 ft</u>		
-	19.04	18	0.1875	3.08	15.5000	20.4600		7:0		<b>G</b> A572	<b>RAI</b> -65
2	47.79	18	0.3125	4.50	19.2819	31.6000		4.1	172.5 ft.	1. T 2. T 3. T 4. T ir 5. D 6. T 7. T 8. T	owe owe thic efle
п	49.17	18	0.4375	5.83	29.8151	42.4900	A572-65	8.3			
4	48.46	18	0.5000	7.08	40.1114	52.5900		12.0	83.1 ft	I ALL REACTIONS	
Q	47.54	18	0.5000		49.7661	62.0000		14.2	<u>40.5 ft</u>	ARE FACTORED  AXIAL 87 K  SHEAR 8 K  TORQUE 1 kip-ft 50 mph WIND - 1.0000 in ICE  AXIAL 67 K  SHEAR 28 K  3649 k	o-ft
Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K) 39.3	<u>0.0 ft</u>	TORQUE 6 kip-ft REACTIONS - 117 mph WINE	)

#### **MATERIAL STRENGTH**

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

#### **TOWER DESIGN NOTES**

- ver is located in Fairfield County, Connecticut.
  ver designed for Exposure B to the TIA-222-H Standard.
  ver designed for a 117 mph basic wind in accordance with the TIA-222-H Standard.
  ver is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase nickness with height.
  lections are based upon a 60 mph wind.

- ver Risk Category II.
  ographic Category 1 with Crest Height of 0.00 ft
  WER RATING: 41.9%



<sup>Job:</sup> <b>BU# 876355</b>		
Project:		
Client: Crown Castle	Drawn by: SHu	App'd:
Code: TIA-222-H	0 ., . 0, = .	Scale: NTS
Path: C:\SAPI Work Area\876355\W0	O 2278140 - SA\Prod\876355	Dwg No. E-1

## **Tower Input Data**

The tower is a monopole.

This tower is designed using the TIA-222-H standard.

The following design criteria apply:

Tower is located in Fairfield County, Connecticut.

Tower base elevation above sea level: 446.00 ft.

Basic wind speed of 117 mph.

Risk Category II.

Exposure Category B.

Simplified Topographic Factor Procedure for wind speed-up calculations is used.

Topographic Category: 1.

Crest Height: 0.00 ft.

Nominal ice thickness of 1.0000 in.

Ice thickness is considered to increase with height.

Ice density of 56 pcf.

A wind speed of 50 mph is used in combination with ice.

Temperature drop of 50 °F.

Deflections calculated using a wind speed of 60 mph.

A non-linear (P-delta) analysis was used.

Pressures are calculated at each section.

Stress ratio used in pole design is 1.

Tower analysis based on target reliabilities in accordance with Annex S.

Load Modification Factors used:  $K_{es}(F_w) = 0.95$ ,  $K_{es}(t_i) = 0.85$ .

Maximum demand-capacity ratio is: 1.05.

Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

#### **Options**

Consider Moments - Legs Consider Moments - Horizontals Consider Moments - Diagonals Use Moment Magnification

- √ Use Code Stress Ratios
- V Use Code Safety Factors Guys
  Escalate Ice
  Always Use Max Kz
  Use Special Wind Profile
  Include Bolts In Member Capacity
  Leg Bolts Are At Top Of Section
  Secondary Horizontal Braces Leg
  Use Diamond Inner Bracing (4 Sided)
  SR Members Have Cut Ends
  SR Members Are Concentric

Distribute Leg Loads As Uniform

- Assume Legs Pinned
- √ Assume Rigid Index Plate
- V Use Clear Spans For Wind Area
   Use Clear Spans For KL/r
   Retension Guys To Initial Tension
- √ Bypass Mast Stability Checks
- √ Use Azimuth Dish Coefficients
- V Project Wind Area of Appurtenances Alternative Appurt. EPA Calculation Autocalc Torque Arm Areas Add IBC .6D+W Combination Sort Capacity Reports By Component Triangulate Diamond Inner Bracing Treat Feed Line Bundles As Cylinder Ignore KL/ry For 60 Deg. Angle Legs Use ASCE 10 X-Brace Ly Rules

Calculate Redundant Bracing Forces Ignore Redundant Members in FEA SR Leg Bolts Resist Compression All Leg Panels Have Same Allowable Offset Girt At Foundation

V Consider Feed Line Torque
 Include Angle Block Shear Check
 Use TIA-222-H Bracing Resist. Exemption
 Use TIA-222-H Tension Splice Exemption

Poles

V Include Shear-Torsion Interaction
Always Use Sub-Critical Flow
Use Top Mounted Sockets
Pole Without Linear Attachments
Pole With Shroud Or No Appurtenances
Outside and Inside Corner Radii Are Known

## **Tapered Pole Section Geometry**

Section	Elevation	Section Length	Splice Length	Number of	Top Diameter	Bottom Diameter	Wall Thickness	Bend Radius	Pole Grade
	ft	ft	ft	Sides	in	in	in	in	
L1	191.50-172.46	19.04	3.08	18	15.5000	20.4600	0.1875	0.7500	A572-65 (65 ksi)
L2	172.46-127.75	47.79	4.50	18	19.2819	31.6000	0.3125	1.2500	A572-65 (65 ksi)
L3	127.75-83.08	49.17	5.83	18	29.8151	42.4900	0.4375	1.7500	A572-65 (65 ksi)
L4	83.08-40.46	48.46	7.08	18	40.1114	52.5900	0.5000	2.0000	A572-65 (65 ksi)
L5	40.46-0.00	47.54		18	49.7661	62.0000	0.5000	2.0000	A572-65 (65 ksi)

				Tapeı	red Po	le Prop	erties			
Section	Tip Dia.	Area	1	r	С	I/C	J	It/Q	w	w/t
	in	in <sup>2</sup>	in <sup>4</sup>	in	in	in <sup>3</sup>	in⁴	in <sup>2</sup>	in	
L1	15.7102	9.1129	269.9504	5.4359	7.8740	34.2838	540.2560	4.5573	2.3980	12.789
	20.7467	12.0647	626.4228	7.1967	10.3937	60.2696	1253.6699	6.0335	3.2710	17.445
L2	20.3380	18.8152	855.3677	6.7341	9.7952	87.3253	1711.8609	9.4094	2.8436	9.1
	32.0393	31.0333	3838.0178	11.1071	16.0528	239.0871	7681.0857	15.5196	5.0116	16.037
L3	31.3854	40.7945	4448.0675	10.4290	15.1461	293.6780	8901.9879	20.4011	4.4775	10.234
	43.0780	58.3952	13046.6163	14.9286	21.5849	604.4320	26110.3996	29.2031	6.7082	15.333
L4	42.1782	62.8633	12461.6197	14.0620	20.3766	611.5657	24939.6367	31.4376	6.1796	12.359
	53.3242	82.6668	28338.5385	18.4919	26.7157	1060.7440	56714.3657	41.3413	8.3758	16.752
L5	52.3076	78.1853	23975.0231	17.4895	25.2812	948.3348	47981.5932	39.1001	7.8788	15.758

31.4960

Tower Elevation	Gusset Area	Gusset Thickness	Gusset Grade	Adjust. Factor A <sub>f</sub>	Adjust. Factor	Weight Mult.	Double Angle Stitch Bolt	Double Angle Stitch Bolt	Double Angle Stitch Bolt
	(per face)			,	$A_r$		Spacing	Spacing	Spacing
							Diagonals	Horizontals	Redundants
ft	ft²	in					in	in	in
L1 191.50-				1	1	1			
172.46									
L2 172.46-				1	1	1			
127.75									
L3 127.75-				1	1	1			
83.08									
L4 83.08-40.46				1	1	1			
L5 40.46-0.00				1	1	1			

1480.7588 93337.3258 48.8095

10.0320

20.064

Feed Line/Linear Appurtenances - Entered As Round Or Flat													
Description	Face or	Allow Shield	Exclude From	Component Type	Placement	Total Number	Number Per Row	Clear Spacing	Width or Diameter	Perimeter	Weight		
	Leg		Torque Calculation		ft			in	in	in	plf		

## Feed Line/Linear Appurtenances - Entered As Area

62.8793

97.6005

46637.9792 21.8325

Description	Face	Allow	Exclude	Component	Placement	Total		$C_AA_A$	Weight
	or	Shield	From	Туре		Number		6.2.76	16
	Leg		Torque Calculation		ft			ft²/ft	plf
***			Calculation						
HCS 6X12 4AWG(1-	С	No	No	Inside Pole	191.50 - 0.00	3	No Ice	0.00	2.40
5/8)	C	INO	NO	iliside Fole	191.50 - 0.00	3	1/2" Ice	0.00	2.40
3/6)							1" Ice	0.00	2.40
***							1 100	0.00	2.40
AVA7-50(1-5/8)	С	No	No	Inside Pole	162.00 - 0.00	6	No Ice	0.00	0.70
AVA7-30(1-3/0)	C	NO	NO	iliside i die	102.00 - 0.00	O	1/2" Ice	0.00	0.70
							1" Ice	0.00	0.70
HB158-1-13U6-	С	No	No	Inside Pole	162.00 - 0.00	1	No Ice	0.00	1.90
S6F18(1-5/8)	C	NO	INU	mside Fole	102.00 - 0.00	1	1/2" Ice	0.00	1.90
20110(1-2/0)							1/2 ice 1'' lce	0.00	1.90
***							I ICE	0.00	1.90
HB114-21U3M12-	С	No	No	Inside Pole	150.00 - 0.00	1	No Ice	0.00	1.22
XXXF(1-1/4)	C	NO	NO	iliside Fole	130.00 - 0.00	1	1/2" Ice	0.00	1.22
AAAI (1-1/4)							1" Ice	0.00	1.22
HB114-1-0813U4-	С	No	No	Inside Pole	150.00 - 0.00	3	No Ice	0.00	1.22
M5J(1-1/4)	C	NO	NO	iliside Fole	130.00 - 0.00	3	1/2" Ice	0.00	1.20
10153(1-1/4)							1" Ice	0.00	1.20
***							1 100	0.00	1.20
LDF6-50A(1-1/4)	С	No	No	Inside Pole	137.00 - 0.00	6	No Ice	0.00	0.60
LDI 0 30A(1 1/4)	C	140	140	maide i die	137.00 0.00	O	1/2" Ice	0.00	0.60
							1" Ice	0.00	0.60
FB-L98B-002-	С	No	No	Inside Pole	137.00 - 0.00	2	No Ice	0.00	0.06
XXX(3/8)	C	NO	NO	maide i die	137.00 - 0.00	2	1/2" Ice	0.00	0.06
XXX(3/0)							1" Ice	0.00	0.06
PWRT-606-S(7/8)	С	No	No	Inside Pole	137.00 - 0.00	2	No Ice	0.00	0.89
000 3(7/0)	C	140	140	maide i ole	137.00 0.00	_	1/2" Ice	0.00	0.89
							1" Ice	0.00	0.89
PWRT-608-S(13/16)	С	No	No	Inside Pole	137.00 - 0.00	2	No Ice	0.00	0.63
1 441/1-000-2(12/10)	C	NO	NO	maide i ole	137.00 - 0.00	_	1/2" Ice	0.00	0.62
							1" Ice	0.00	0.62
***							T ICE	0.00	0.02
LDF4-50A(1/2)	С	No	No	Inside Pole	50.00 - 0.00	1	No Ice	0.00	0.15
LD1 7 JUN(1/2)	C	140	140	maide i ole	33.00 0.00	-	1/2" Ice	0.00	0.15
							1" Ice	0.00	0.15
***							1 100	0.00	0.13
**									

## Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation	Face	$A_R$	$A_F$	$C_AA_A$ In Face	$C_A A_A$ Out Face	Weight
	ft		ft²	ft²	ft²	ft²	К
L1	191.50-172.46	Α	0.000	0.000	0.000	0.000	0.00
		В	0.000	0.000	0.000	0.000	0.00
		С	0.000	0.000	0.000	0.000	0.14
L2	172.46-127.75	Α	0.000	0.000	0.000	0.000	0.00
		В	0.000	0.000	0.000	0.000	0.00
		С	0.000	0.000	0.000	0.000	0.70
L3	127.75-83.08	Α	0.000	0.000	0.000	0.000	0.00
		В	0.000	0.000	0.000	0.000	0.00
		С	0.000	0.000	0.000	0.000	1.11
L4	83.08-40.46	Α	0.000	0.000	0.000	0.000	0.00
		В	0.000	0.000	0.000	0.000	0.00
		С	0.000	0.000	0.000	0.000	1.06
L5	40.46-0.00	Α	0.000	0.000	0.000	0.000	0.00

Tower	Tower	Face	$A_R$	$A_F$	$C_A A_A$	$C_A A_A$	Weight
Section	Elevation				In Face	Out Face	
	ft		ft²	ft²	ft²	ft²	K
		В	0.000	0.000	0.000	0.000	0.00
		С	0.000	0.000	0.000	0.000	1.01

## Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation	Face or	Ice Thickness	$A_R$	$A_F$	$C_AA_A$ In Face	C₄A₄ Out Face	Weight
Section	ft	Leg	in	ft²	ft²	ft <sup>2</sup>	ft²	К
L1	191.50-172.46	A	1.008	0.000	0.000	0.000	0.000	0.00
		В		0.000	0.000	0.000	0.000	0.00
		С		0.000	0.000	0.000	0.000	0.14
L2	172.46-127.75	Α	0.988	0.000	0.000	0.000	0.000	0.00
		В		0.000	0.000	0.000	0.000	0.00
		С		0.000	0.000	0.000	0.000	0.70
L3	127.75-83.08	Α	0.954	0.000	0.000	0.000	0.000	0.00
		В		0.000	0.000	0.000	0.000	0.00
		С		0.000	0.000	0.000	0.000	1.11
L4	83.08-40.46	Α	0.905	0.000	0.000	0.000	0.000	0.00
		В		0.000	0.000	0.000	0.000	0.00
		С		0.000	0.000	0.000	0.000	1.06
L5	40.46-0.00	Α	0.807	0.000	0.000	0.000	0.000	0.00
		В		0.000	0.000	0.000	0.000	0.00
		С		0.000	0.000	0.000	0.000	1.01

## **Feed Line Center of Pressure**

Section	Elevation	CP <sub>X</sub>	$CP_Z$	$CP_X$	$CP_Z$
				Ice	Ice
	ft	in	in	in	in
L1	191.50-172.46	0.0000	0.0000	0.0000	0.0000
L2	172.46-127.75	0.0000	0.0000	0.0000	0.0000
L3	127.75-83.08	0.0000	0.0000	0.0000	0.0000
L4	83.08-40.46	0.0000	0.0000	0.0000	0.0000
L5	40.46-0.00	0.0000	0.0000	0.0000	0.0000

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

## **Discrete Tower Loads**

Description	Face	Offset	Offsets:	Azimuth	Placement
	or	Туре	Horz	Adjustment	
	Leg		Lateral		
			Vert		
			ft	0	ft
			ft		
			ft		
Lightning Rod 5/8''x6'	С	From Leg	0.00	0.00	191.50
			0.00		
			3.00		

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

Description	Face	Offset	Offsets:	Azimuth	Placement
	or Type	Туре	Horz	Adjustment	
	Leg		Lateral		
			Vert	o	ft
			ft	· ·	
			ft ft		
			0.00		
			0.00		
ATSBT-TOP-MF-4G	В	From Leg	4.00	0.00	192.00
7.1.027 101 1111 10			0.00	0.00	132.00
			0.00		
ATSBT-TOP-MF-4G	С	From Leg	4.00	0.00	192.00
			0.00		
			0.00		
***					
Platform Mount [LP 303-	С	None		0.00	162.00
1_HR-1]		F	2.00	0.00	450.00
6'x2" Mount Pipe	Α	From Leg	2.00	0.00	162.00
			0.00		
6'x2" Mount Pipe	Α	From Leg	0.00 4.00	0.00	162.00
0 AZ WOUTH PIPE	A	i ioni teg	0.00	0.00	102.00
			0.00		
6'x2" Mount Pipe	В	From Leg	4.00	0.00	162.00
O AZ THOUSE TIPE	5	110111 ECB	0.00	3.00	102.00
			0.00		
6'x2" Mount Pipe	С	From Leg	4.00	0.00	162.00
1	-	0	0.00		
			0.00		
2) LPA-80063/6CF w/ Mount	Α	From Leg	4.00	0.00	162.00
Pipe			0.00		
			-2.00		
2) LPA-80063/6CF w/ Mount	В	From Leg	4.00	0.00	162.00
Pipe			0.00		
	_	_	-2.00		
2) LPA-80080/4CF w/ Mount	С	From Leg	4.00	0.00	162.00
Pipe			0.00		
(2) IAIIII (EE 222 ) (2		F	-2.00	0.00	462.00
(2) JAHH-65B-R3B-V3 w/	Α	From Leg	4.00	0.00	162.00
Mount Pipe			0.00		
(2) JAHH-65B-R3B-V3 w/	В	From Leg	-2.00 4.00	0.00	162.00
Mount Pipe	ø	rioiii Leg	0.00	0.00	102.00
Mount i ipe			-2.00		
(2) JAHH-65B-R3B-V3 w/	С	From Leg	4.00	0.00	162.00
Mount Pipe	Ü		0.00	0.00	202.00
			-2.00		
/IT6407-77A w/ Mount Pipe	Α	From Leg	4.00	0.00	162.00
•		5	0.00		
			-2.00		
/IT6407-77A w/ Mount Pipe	В	From Leg	4.00	0.00	162.00
			0.00		
			-2.00		
/IT6407-77A w/ Mount Pipe	С	From Leg	4.00	0.00	162.00
			0.00		
			-2.00		
CBC78T-DS-43-2X	Α	From Leg	4.00	0.00	162.00
			0.00		
CD C70T DC 42 21	-	F	-2.00	0.00	452.05
CBC78T-DS-43-2X	В	From Leg	4.00	0.00	162.00
02070. 20 10 27			0.00		
050701 50 10 27					
CBC78T-DS-43-2X	С	From Leg	-2.00 4.00	0.00	162.00

Description	Face or	Offset	Offsets: Horz	Azimuth Adjustment	Placement
	Leg	Туре	Lateral	Aujustment	
	Leg		Vert		
			ft	0	ft
			ft		,
			ft		
			-2.00		
RCMDC-6627-PF-48	Α	From Leg	4.00	0.00	162.00
			0.00		
251/0411 244			-2.00	0.00	162.00
RFV01U-D1A	Α	From Leg	4.00	0.00	162.00
			0.00 -2.00		
RFV01U-D1A	В	From Leg	4.00	0.00	162.00
1010 517.	J		0.00	0.00	102.00
			-2.00		
RFV01U-D1A	С	From Leg	4.00	0.00	162.00
			0.00		
			-2.00		
(3) RFV01U-D2A	Α	From Leg	4.00	0.00	162.00
			0.00		
(2) DCF0020F3V4	Α.	Farm I	-2.00	0.00	462.00
(2) BSF0020F3V1	Α	From Leg	4.00	0.00	162.00
			0.00 -2.00		
(2) BSF0020F3V1	В	From Leg	-2.00 4.00	0.00	162.00
(2) 551 00201 3 4 1	b	110III LEB	0.00	0.00	102.00
			-2.00		
***					
ide Arm Mount [SO 102-3]	С	None		0.00	154.00
S 1900MHZ 4X45W-65MHZ	Α	From Leg	4.00	0.00	154.00
			0.00		
		_	0.00		
CS 1900MHZ 4X45W-65MHZ	В	From Leg	4.00	0.00	154.00
			0.00		
CC 1000NALIZ AVAENA CENALIZ	С	From Log	0.00	0.00	154.00
CS 1900MHZ 4X45W-65MHZ	C	From Leg	4.00 0.00	0.00	154.00
			0.00		
00 EXTERNAL NOTCH FILTER	Α	From Leg	4.00	0.00	154.00
	, ,	בכם	0.00	5.55	25 1.00
			0.00		
00 EXTERNAL NOTCH FILTER	В	From Leg	4.00	0.00	154.00
		-	0.00		
			0.00		
00 EXTERNAL NOTCH FILTER	С	From Leg	4.00	0.00	154.00
			0.00		
00004117 375074 551		F	0.00	0.00	454.00
800MHZ 2X50W RRH	Α	From Leg	4.00	0.00	154.00
			0.00 0.00		
800MHZ 2X50W RRH	В	From Leg	4.00	0.00	154.00
55014112 275044 HHI	5	110111 LEB	0.00	0.00	154.00
			0.00		
800MHZ 2X50W RRH	С	From Leg	4.00	0.00	154.00
		5	0.00		
			0.00		
***					
Platform Mount [LP 601-1]	С	None	_	0.00	150.00
Transition Ladder	С	From Leg	2.00	0.00	150.00
			0.00		
Elvall Mount Dina	Δ.	Francis-	-3.00	0.00	150.00
6'x2" Mount Pipe	Α	From Leg	4.00 0.00	0.00	150.00
			0.00		

Description	Face	Offset	Offsets:	Azimuth	Placement
	or Leg	Туре	Horz Lateral	Adjustment	
	Leg		Vert		
			ft	0	ft
			ft		,
			ft		
			0.00		
6'x2" Mount Pipe	В	From Leg	4.00	0.00	150.00
			0.00		
CL OU A A D'	•		0.00	0.00	450.00
6'x2" Mount Pipe	С	From Leg	4.00	0.00	150.00
			0.00 0.00		
APXVTM14-C-120 w/ Mount	Α	From Leg	4.00	0.00	150.00
Pipe	~	110III ECG	0.00	0.00	150.00
pc			0.00		
APXVTM14-C-120 w/ Mount	В	From Leg	4.00	0.00	150.00
Pipe		5	0.00		
			0.00		
APXVTM14-C-120 w/ Mount	С	From Leg	4.00	0.00	150.00
Pipe			0.00		
DV4/CDD4.0 C A.20 / ***		F	0.00	0.00	450.05
PXVSPP18-C-A20 w/ Mount	Α	From Leg	4.00	0.00	150.00
Pipe			0.00		
PXVSPP18-C-A20 w/ Mount	В	From Leg	0.00 4.00	0.00	150.00
Pipe	Б	From Leg	0.00	0.00	150.00
Tipe			0.00		
PXVSPP18-C-A20 w/ Mount	С	From Leg	4.00	0.00	150.00
Pipe		0	0.00		
			0.00		
TD-RRH8X20-25	Α	From Leg	4.00	0.00	150.00
			0.00		
			0.00		
TD-RRH8X20-25	В	From Leg	4.00	0.00	150.00
			0.00		
TD-RRH8X20-25	С	From Leg	0.00 4.00	0.00	150.00
1D-RR116A20-23	C	110III Leg	0.00	0.00	150.00
			0.00		
***			0.00		
6'x2" Mount Pipe	Α	From Leg	0.00	0.00	140.00
•		-	0.00		
			0.00		
6'x2" Mount Pipe	В	From Leg	0.00	0.00	140.00
			0.00		
Chall Manust Disc	_	Face to the	0.00	0.00	440.00
6'x2" Mount Pipe	С	From Leg	0.00	0.00	140.00
			0.00 0.00		
***			0.00		
Platform Mount [LP 303-1]	С	None		0.00	137.00
HRK14	C	From Leg	0.00	0.00	137.00
			0.00		
			4.00		
6'x2" Mount Pipe	Α	From Leg	2.00	0.00	137.00
			0.00		
CL 3H MA C'	-	<b>.</b> .	3.00	0.00	107.05
6'x2" Mount Pipe	В	From Leg	2.00	0.00	137.00
			0.00		
			3.00	0.00	127.00
6'x2" Mount Pine	(	From Lag	<i>)</i> (1(1	(1 (1(1	
6'x2" Mount Pipe	С	From Leg	2.00 0.00	0.00	137.00

Description	Face	Offset	Offsets:	Azimuth	Placement
	or	Туре	Horz	Adjustment	
	Leg		Lateral		
			Vert	0	4
			ft		ft
			ft ft		
2'x2" Mount Pipe	A	From Leg	4.00	0.00	137.00
2 X2 Wount Tipe	^	110111 Leg	0.00	0.00	137.00
			0.00		
2'x2" Mount Pipe	В	From Leg	4.00	0.00	137.00
		0	0.00		
			0.00		
2'x2" Mount Pipe	С	From Leg	4.00	0.00	137.00
			0.00		
			0.00		
(2) OPA-65R-BU6DA-K w/	Α	From Leg	4.00	0.00	137.00
Mount Pipe			0.00		
(2)	_		3.00		
(2) OPA-65R-BU6DA-K w/	В	From Leg	4.00	0.00	137.00
Mount Pipe			0.00		
(2) OPA-65R-BU6DA-K w/	С	From Leg	3.00 4.00	0.00	137.00
Mount Pipe	C	From Leg	0.00	0.00	137.00
Would Tipe			3.00		
RRUS 4449 B5/B12	Α	From Leg	4.00	0.00	137.00
65 5 25, 212			0.00	0.00	107.00
			3.00		
RRUS 4449 B5/B12	В	From Leg	4.00	0.00	137.00
		_	0.00		
			3.00		
RRUS 4449 B5/B12	С	From Leg	4.00	0.00	137.00
			0.00		
			3.00		
RRUS 4478 B14_CCIV2	Α	From Leg	4.00	0.00	137.00
			0.00		
DDUC 4470 D44 CCIV2	D	F 1	3.00	0.00	127.00
RRUS 4478 B14_CCIV2	В	From Leg	4.00 0.00	0.00	137.00
			3.00		
RRUS 4478 B14_CCIV2	С	From Leg	4.00	0.00	137.00
NNO3 4478 B14_CCIV2	C	110111 Leg	0.00	0.00	137.00
			3.00		
(2) RRUS 8843	Α	From Leg	4.00	0.00	137.00
B2/B66A_CCIV2		· ·	0.00		
_			3.00		
RRUS 8843 B2/B66A_CCIV2	В	From Leg	4.00	0.00	137.00
			0.00		
			3.00		
DC6-48-60-18-8C-EV	С	From Leg	2.00	0.00	137.00
			0.00		
DCC 40 CO 40 05	_	Facestee	3.00	0.00	427.00
DC6-48-60-18-8F	С	From Leg	2.00	0.00	137.00
			0.00		
***			3.00		
Side Arm Mount [SO 701-1]	А	From Leg	1.50	0.00	50.00
	^	110III LES	0.00	0.00	50.00
			0.00		
OG-860/1920/GPS-A	А	From Leg	3.00	0.00	50.00
			0.00		
			2.00		
***					

### **Load Combinations**

Description   No.	
1.2 Dead+1.0 Wind 0 deg - No Ice 3	
1.2 Dead+1.0 Wind 0 deg - No Ice 3	
<ul> <li>4 1.2 Dead+1.0 Wind 30 deg - No Ice</li> <li>5 0.9 Dead+1.0 Wind 30 deg - No Ice</li> <li>6 1.2 Dead+1.0 Wind 60 deg - No Ice</li> <li>7 0.9 Dead+1.0 Wind 60 deg - No Ice</li> <li>8 1.2 Dead+1.0 Wind 90 deg - No Ice</li> <li>9 0.9 Dead+1.0 Wind 90 deg - No Ice</li> <li>10 1.2 Dead+1.0 Wind 120 deg - No Ice</li> <li>11 0.9 Dead+1.0 Wind 120 deg - No Ice</li> <li>12 1.2 Dead+1.0 Wind 150 deg - No Ice</li> <li>13 0.9 Dead+1.0 Wind 150 deg - No Ice</li> <li>14 1.2 Dead+1.0 Wind 180 deg - No Ice</li> <li>15 0.9 Dead+1.0 Wind 180 deg - No Ice</li> <li>16 1.2 Dead+1.0 Wind 210 deg - No Ice</li> <li>17 0.9 Dead+1.0 Wind 210 deg - No Ice</li> <li>18 1.2 Dead+1.0 Wind 240 deg - No Ice</li> <li>19 0.9 Dead+1.0 Wind 240 deg - No Ice</li> <li>10 0.9 Dead+1.0 Wind 240 deg - No Ice</li> <li>11 0.9 Dead+1.0 Wind 240 deg - No Ice</li> <li>12 Dead+1.0 Wind 240 deg - No Ice</li> <li>13 Dead+1.0 Wind 270 deg - No Ice</li> <li>14 Dead+1.0 Wind 270 deg - No Ice</li> <li>15 O.9 Dead+1.0 Wind 270 deg - No Ice</li> </ul>	
5	
<ul> <li>1.2 Dead+1.0 Wind 60 deg - No Ice</li> <li>0.9 Dead+1.0 Wind 60 deg - No Ice</li> <li>1.2 Dead+1.0 Wind 90 deg - No Ice</li> <li>0.9 Dead+1.0 Wind 90 deg - No Ice</li> <li>1.2 Dead+1.0 Wind 120 deg - No Ice</li> <li>0.9 Dead+1.0 Wind 120 deg - No Ice</li> <li>1.2 Dead+1.0 Wind 150 deg - No Ice</li> <li>0.9 Dead+1.0 Wind 150 deg - No Ice</li> <li>0.9 Dead+1.0 Wind 150 deg - No Ice</li> <li>1.2 Dead+1.0 Wind 180 deg - No Ice</li> <li>0.9 Dead+1.0 Wind 180 deg - No Ice</li> <li>1.2 Dead+1.0 Wind 210 deg - No Ice</li> <li>1.2 Dead+1.0 Wind 210 deg - No Ice</li> <li>0.9 Dead+1.0 Wind 210 deg - No Ice</li> <li>0.9 Dead+1.0 Wind 240 deg - No Ice</li> <li>1.2 Dead+1.0 Wind 240 deg - No Ice</li> <li>0.9 Dead+1.0 Wind 240 deg - No Ice</li> <li>0.9 Dead+1.0 Wind 270 deg - No Ice</li> <li>0.9 Dead+1.0 Wind 270 deg - No Ice</li> <li>0.9 Dead+1.0 Wind 270 deg - No Ice</li> </ul>	
7	
<ul> <li>8 1.2 Dead+1.0 Wind 90 deg - No Ice</li> <li>9 0.9 Dead+1.0 Wind 90 deg - No Ice</li> <li>10 1.2 Dead+1.0 Wind 120 deg - No Ice</li> <li>11 0.9 Dead+1.0 Wind 120 deg - No Ice</li> <li>12 1.2 Dead+1.0 Wind 150 deg - No Ice</li> <li>13 0.9 Dead+1.0 Wind 150 deg - No Ice</li> <li>14 1.2 Dead+1.0 Wind 180 deg - No Ice</li> <li>15 0.9 Dead+1.0 Wind 180 deg - No Ice</li> <li>16 1.2 Dead+1.0 Wind 210 deg - No Ice</li> <li>17 0.9 Dead+1.0 Wind 210 deg - No Ice</li> <li>18 1.2 Dead+1.0 Wind 240 deg - No Ice</li> <li>19 0.9 Dead+1.0 Wind 240 deg - No Ice</li> <li>20 1.2 Dead+1.0 Wind 270 deg - No Ice</li> <li>20 0.9 Dead+1.0 Wind 270 deg - No Ice</li> <li>21 0.9 Dead+1.0 Wind 270 deg - No Ice</li> </ul>	
9	
10	
11	
12	
13	
14	
15	
16	
17	
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	
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	
20 1.2 Dead+1.0 Wind 270 deg - No Ice 21 0.9 Dead+1.0 Wind 270 deg - No Ice	
21 0.9 Dead+1.0 Wind 270 deg - No Ice	
<u> </u>	
22 1 2 Dead+1 0 Wind 300 deg - No Ice	
<u> </u>	
23	
24 1.2 Dead+1.0 Wind 330 deg - No Ice	
25	
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	
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	Elevation	Component	Condition	Gov.	Axial	Major Axis	Minor Axi
No.	ft	Туре		Load		Moment	Moment
				Comb.	K	kip-ft	kip-ft
L1	191.5 - 172.46	Pole	Max Tension	26	0.00	0.00	-0.00
			Max. Compression	26	-7.74	0.00	0.04
			Max. Mx	20	-4.33	72.03	0.18
			Max. My	2	-4.32	-0.00	72.10
			Max. Vy	8	4.72	-72.02	0.18
			Max. Vx	2	-4.72	-0.00	72.10
			Max. Torque	21			2.24
L2	172.46 - 127.753	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-33.76	-0.11	3.51
			Max. Mx	20	-19.43	536.48	2.14
			Max. My	2	-19.40	0.15	545.15
			Max. Vy	20	-18.28	536.48	2.14
			Max. Vx	2	-18.53	0.15	545.15
			Max. Torque	13			5.86
L3	127.753 - 83.083	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-46.23	-0.12	3.63
			Max. Mx	20	-30.16	1396.66	2.13
			Max. My	2	-30.14	0.15	1416.35
			Max. Vy	20	-21.45	1396.66	2.13
			Max. Vx	2	-21.71	0.15	1416.35
			Max. Torque	13			5.86
L4	83.083 - 40.456	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-63.47	-0.12	4.05
			Max. Mx	20	-45.23	2351.87	2.44
			Max. My	2	-45.22	0.15	2382.20
			Max. Vy	20	-24.69	2351.87	2.44
			Max. Vx	2	-24.92	0.15	2382.20
			Max. Torque	13			5.92
L5	40.456 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-87.42	-0.12	4.05
			Max. Mx	20	-66.53	3603.04	2.47
			Max. My	2	-66.53	0.15	3643.82
			Max. Vy	20	-27.87	3603.04	2.47
			Max. Vx	2	-28.08	0.15	3643.82
			Max. Torque	13			5.91

## **Maximum Reactions**

Location	Condition	Gov.	Vertical	Horizontal, X	Horizontal, Z
		Load	K	K	K
		Comb.			
Pole	Max. Vert	27	87.42	-0.00	7.71
	Max. H <sub>x</sub>	20	66.54	27.84	-0.00
	Max. H <sub>z</sub>	2	66.54	0.00	28.06
	Max. M <sub>x</sub>	2	3643.82	0.00	28.06
	Max. M <sub>z</sub>	8	3602.74	-27.84	-0.00
	Max. Torsion	13	5.91	-14.05	-24.33
	Min. Vert	7	49.90	-24.08	13.90
	Min. H <sub>x</sub>	8	66.54	-27.84	-0.00
	Min. H <sub>z</sub>	14	66.54	0.00	-28.06
	Min. M <sub>x</sub>	14	-3638.99	0.00	-28.06
	Min. M <sub>z</sub>	20	-3603.04	27.84	-0.00
	Min. Torsion	25	-5.91	14.05	24.33

# **Tower Mast Reaction Summary**

Load Combination	Vertical	Shear <sub>x</sub>	Shear₂	Overturning Moment, M <sub>x</sub>	Overturning Moment, Mz	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
Dead Only	55.45	0.00	0.00	-1.89	0.12	-0.00
1.2 Dead+1.0 Wind 0 deg - No	66.54	0.00	-28.06	-3643.82	0.15	0.04
Ice 0.9 Dead+1.0 Wind 0 deg - No	49.90	0.00	-28.06	-3597.95	0.11	0.06
Ice	CC 54	12.00	24.47	2424.56	1000.27	F 02
1.2 Dead+1.0 Wind 30 deg - No Ice	66.54	13.96	-24.17	-3134.56	-1808.27	-5.82
0.9 Dead+1.0 Wind 30 deg - No Ice	49.90	13.96	-24.17	-3095.03	-1785.83	-5.82
1.2 Dead+1.0 Wind 60 deg - No Ice	66.54	24.08	-13.90	-1801.14	-3115.34	-1.42
0.9 Dead+1.0 Wind 60 deg - No Ice	49.90	24.08	-13.90	-1778.16	-3076.70	-1.42
1.2 Dead+1.0 Wind 90 deg - No Ice	66.54	27.84	0.00	-2.47	-3602.74	3.36
0.9 Dead+1.0 Wind 90 deg - No	49.90	27.84	0.00	-1.81	-3558.05	3.35
1.2 Dead+1.0 Wind 120 deg - No Ice	66.54	24.24	13.99	1811.39	-3141.44	-1.46
0.9 Dead+1.0 Wind 120 deg -	49.90	24.24	13.99	1789.51	-3102.46	-1.48
No Ice 1.2 Dead+1.0 Wind 150 deg -	66.54	14.05	24.33	3155.91	-1823.24	-5.89
No Ice 0.9 Dead+1.0 Wind 150 deg -	49.90	14.05	24.33	3117.30	-1800.63	-5.91
No Ice 1.2 Dead+1.0 Wind 180 deg -	66.54	0.00	28.06	3638.99	0.15	-0.04
No Ice 0.9 Dead+1.0 Wind 180 deg -	49.90	0.00	28.06	3594.41	0.11	-0.06
No Ice 1.2 Dead+1.0 Wind 210 deg -	66.54	-13.96	24.17	3129.80	1808.47	5.82
No Ice 0.9 Dead+1.0 Wind 210 deg -	49.90	-13.96	24.17	3091.53	1785.98	5.82
No Ice 1.2 Dead+1.0 Wind 240 deg -	66.54	-24.08	13.90	1796.32	3115.63	1.42
No Ice 0.9 Dead+1.0 Wind 240 deg -	49.90	-24.08	13.90	1774.63	3076.92	1.42
No Ice 1.2 Dead+1.0 Wind 270 deg -	66.54	-27.84	0.00	-2.47	3603.04	-3.36
No Ice 0.9 Dead+1.0 Wind 270 deg -	49.90	-27.84	0.00	-1.81	3558.27	-3.35
No Ice 1.2 Dead+1.0 Wind 300 deg -	66.54	-24.24	-13.99	-1816.21	3141.75	1.46
No Ice						
0.9 Dead+1.0 Wind 300 deg - No Ice	49.90	-24.24	-13.99	-1793.04	3102.69	1.48
1.2 Dead+1.0 Wind 330 deg - No Ice	66.54	-14.05	-24.33	-3160.67	1823.65	5.89
0.9 Dead+1.0 Wind 330 deg - No Ice	49.90	-14.05	-24.33	-3120.79	1800.93	5.91
1.2 Dead+1.0 Ice+1.0 Temp	87.42	0.00	-0.00	-4.05	-0.12	-0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	87.42	0.00	-7.71	-989.98	-0.12	-0.11
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	87.42	3.84	-6.65	-853.65	-490.52	-1.21
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	87.42	6.64	-3.83	-492.76	-846.21	-0.33
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	87.42	7.67	-0.00	-4.28	-978.21	0.65

Load Combination	Vertical	Shear <sub>x</sub>	Shear <sub>z</sub>	Overturning Moment, M <sub>x</sub>	Overturning Moment, M₂	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
1.2 Dead+1.0 Wind 120 deg+1.0	87.42	6.67	3.85	487.23	-851.43	-0.22
Ice+1.0 Temp						
1.2 Dead+1.0 Wind 150 deg+1.0	87.42	3.86	6.68	850.33	-493.52	-1.03
Ice+1.0 Temp						
1.2 Dead+1.0 Wind 180 deg+1.0	87.42	0.00	7.71	981.43	-0.12	0.11
Ice+1.0 Temp						
1.2 Dead+1.0 Wind 210 deg+1.0	87.42	-3.84	6.65	845.11	490.27	1.21
Ice+1.0 Temp						
1.2 Dead+1.0 Wind 240 deg+1.0	87.42	-6.64	3.83	484.21	845.96	0.33
Ice+1.0 Temp						
1.2 Dead+1.0 Wind 270 deg+1.0	87.42	-7.67	-0.00	-4.28	977.97	-0.65
Ice+1.0 Temp						
1.2 Dead+1.0 Wind 300 deg+1.0	87.42	-6.67	-3.85	-495.78	851.19	0.22
Ice+1.0 Temp						
1.2 Dead+1.0 Wind 330 deg+1.0	87.42	-3.86	-6.68	-858.88	493.29	1.03
Ice+1.0 Temp						
Dead+Wind 0 deg - Service	55.45	0.00	-6.95	-897.59	0.12	0.01
Dead+Wind 30 deg - Service	55.45	3.46	-5.99	-772.33	-444.64	-1.46
Dead+Wind 60 deg - Service	55.45	5.97	-3.44	-444.38	-766.11	-0.35
Dead+Wind 90 deg - Service	55.45	6.90	0.00	-2.00	-885.98	0.84
Dead+Wind 120 deg - Service	55.45	6.01	3.47	444.10	-772.53	-0.36
Dead+Wind 150 deg - Service	55.45	3.48	6.03	774.77	-448.34	-1.47
Dead+Wind 180 deg - Service	55.45	0.00	6.95	893.60	0.12	-0.01
Dead+Wind 210 deg - Service	55.45	-3.46	5.99	768.34	444.88	1.46
Dead+Wind 240 deg - Service	55.45	-5.97	3.44	440.39	766.35	0.35
Dead+Wind 270 deg - Service	55.45	-6.90	0.00	-2.00	886.23	-0.84
Dead+Wind 300 deg - Service	55.45	-6.01	-3.47	-448.09	772.78	0.36
Dead+Wind 330 deg - Service	55.45	-3.48	-6.03	-778.76	448.59	1.47

# **Solution Summary**

	Sui	m of Applied Forces	ŝ		Sum of Reaction	is	
Load	PX	PY	PZ	PX	PY	PZ	% Error
Comb.	K	K	K	K	K	K	
1	0.00	-55.45	0.00	0.00	55.45	0.00	0.000%
2	0.00	-66.54	-28.06	0.00	66.54	28.06	0.000%
3	0.00	-49.90	-28.06	0.00	49.90	28.06	0.000%
4	13.96	-66.54	-24.17	-13.96	66.54	24.17	0.000%
5	13.96	-49.90	-24.17	-13.96	49.90	24.17	0.000%
6	24.08	-66.54	-13.90	-24.08	66.54	13.90	0.000%
7	24.08	-49.90	-13.90	-24.08	49.90	13.90	0.000%
8	27.84	-66.54	0.00	-27.84	66.54	-0.00	0.000%
9	27.84	-49.90	0.00	-27.84	49.90	0.00	0.000%
10	24.24	-66.54	13.99	-24.24	66.54	-13.99	0.000%
11	24.24	-49.90	13.99	-24.24	49.90	-13.99	0.000%
12	14.05	-66.54	24.33	-14.05	66.54	-24.33	0.000%
13	14.05	-49.90	24.33	-14.05	49.90	-24.33	0.000%
14	0.00	-66.54	28.06	0.00	66.54	-28.06	0.000%
15	0.00	-49.90	28.06	0.00	49.90	-28.06	0.000%
16	-13.96	-66.54	24.17	13.96	66.54	-24.17	0.000%
17	-13.96	-49.90	24.17	13.96	49.90	-24.17	0.000%
18	-24.08	-66.54	13.90	24.08	66.54	-13.90	0.000%
19	-24.08	-49.90	13.90	24.08	49.90	-13.90	0.000%
20	-27.84	-66.54	0.00	27.84	66.54	-0.00	0.000%
21	-27.84	-49.90	0.00	27.84	49.90	0.00	0.000%
22	-24.24	-66.54	-13.99	24.24	66.54	13.99	0.000%
23	-24.24	-49.90	-13.99	24.24	49.90	13.99	0.000%
24	-14.05	-66.54	-24.33	14.05	66.54	24.33	0.000%
25	-14.05	-49.90	-24.33	14.05	49.90	24.33	0.000%
26	0.00	-87.42	0.00	-0.00	87.42	0.00	0.000%

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

# **Non-Linear Convergence Results**

Load	Converged?	Number	Displacement	Force
Combination		of Cycles	Tolerance	Tolerance
1	Yes	4	0.0000001	0.00000001
2	Yes	4	0.0000001	0.00064163
3	Yes	4	0.0000001	0.00026213
4	Yes	5	0.0000001	0.00098446
5	Yes	5	0.0000001	0.00046924
6	Yes	6	0.0000001	0.00006871
7	Yes	5	0.0000001	0.00053393
8	Yes	5	0.0000001	0.00018817
9	Yes	5	0.0000001	0.00009605
10	Yes	6	0.0000001	0.00006579
11	Yes	5	0.0000001	0.00051032
12	Yes	6	0.0000001	0.00008081
13	Yes	5	0.0000001	0.00063169
14	Yes	4	0.0000001	0.00063920
15	Yes	4	0.0000001	0.00026163
16	Yes	6	0.0000001	0.00007865
17	Yes	5	0.0000001	0.00061464
18	Yes	6	0.0000001	0.00006478
19	Yes	5	0.0000001	0.00050292
20	Yes	5	0.0000001	0.00018824
21	Yes	5	0.0000001	0.00009608
22	Yes	6	0.0000001	0.00007045
23	Yes	5	0.0000001	0.00054730
24	Yes	6	0.0000001	0.00006161
25	Yes	5	0.0000001	0.00047699
26	Yes	4	0.0000001	0.00002521
27	Yes	5	0.0000001	0.00028895
28	Yes	5	0.0000001	0.00033380
29	Yes	5	0.0000001	0.00033466

30	Yes	5	0.0000001	0.00028551
31	Yes	5	0.0000001	0.00032905
32	Yes	5	0.0000001	0.00033975
33	Yes	5	0.0000001	0.00028299
34	Yes	5	0.0000001	0.00033694
35	Yes	5	0.0000001	0.00032546
36	Yes	5	0.0000001	0.00028504
37	Yes	5	0.0000001	0.00033675
38	Yes	5	0.0000001	0.00033602
39	Yes	4	0.0000001	0.00005284
40	Yes	4	0.0000001	0.00029693
41	Yes	4	0.0000001	0.00031674
42	Yes	4	0.0000001	0.00018954
43	Yes	4	0.0000001	0.00026795
44	Yes	4	0.0000001	0.00049749
45	Yes	4	0.0000001	0.00005222
46	Yes	4	0.0000001	0.00047565
47	Yes	4	0.0000001	0.00026380
48	Yes	4	0.0000001	0.00018963
49	Yes	4	0.0000001	0.00032943
50	Yes	4	0.0000001	0.00031075

### **Maximum Tower Deflections - Service Wind**

Section	Elevation	Horz.	Gov.	Tilt	Twist
No.		Deflection	Load		
	ft	in	Comb.	0	۰
L1	191.5 - 172.46	26.2028	50	1.36	0.02
L2	175.543 - 127.753	21.7664	50	1.27	0.01
L3	132.253 - 83.083	11.6527	50	0.91	0.00
L4	88.916 - 40.456	4.9632	50	0.55	0.00
L5	47.539 - 0	1.3873	50	0.27	0.00

## **Critical Deflections and Radius of Curvature - Service Wind**

Elevation	Appurtenance	Gov.	Deflection	Tilt	Twist	Radius of
		Load				Curvature
ft		Comb.	in	0	0	ft
192.00	Platform Mount [LP 303-1_HR-1]	50	26.2028	1.36	0.02	25099
191.50	Lightning Rod 5/8''x6'	50	26.2028	1.36	0.02	25099
162.00	Platform Mount [LP 303-1_HR-1]	50	18.2549	1.17	0.01	7189
154.00	Side Arm Mount [SO 102-3]	50	16.3226	1.11	0.01	6839
150.00	Platform Mount [LP 601-1]	50	15.3981	1.07	0.01	6677
140.00	6'x2" Mount Pipe	50	13.2143	0.98	0.01	6303
137.00	Platform Mount [LP 303-1]	50	12.5957	0.96	0.01	6199
50.00	Side Arm Mount [SO 701-1]	50	1.5255	0.28	0.00	7636

## **Maximum Tower Deflections - Design Wind**

- · · ·	-1 ··				
Section	Elevation	Horz.	Gov.	Tilt	Twist
No.		Deflection	Load		
	ft	in	Comb.	0	0
L1	191.5 - 172.46	106.3250	24	5.54	0.09

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

# Critical Deflections and Radius of Curvature - Design Wind

Elevation	Appurtenance	Gov. Load	Deflection	Tilt	Twist	Radius of Curvature
ft		Comb.	in	o	0	ft
192.00	Platform Mount [LP 303-1_HR-1]	24	106.3250	5.54	0.09	6283
191.50	Lightning Rod 5/8''x6'	24	106.3250	5.54	0.09	6283
162.00	Platform Mount [LP 303-1_HR-1]	24	74.1168	4.76	0.03	1796
154.00	Side Arm Mount [SO 102-3]	24	66.2834	4.49	0.03	1708
150.00	Platform Mount [LP 601-1]	24	62.5353	4.35	0.03	1667
140.00	6'x2" Mount Pipe	24	53.6783	4.00	0.02	1573
137.00	Platform Mount [LP 303-1]	24	51.1691	3.89	0.02	1547
50.00	Side Arm Mount [SO 701-1]	24	6.1973	1.15	0.00	1880

## **Compression Checks**

Pole Design Data									
Section No.	Elevation	Size	L	Lu	KI/r	Α	P <sub>u</sub>	фРп	Ratio Pu
	ft		ft	ft		in <sup>2</sup>	K	K	φ <i>P</i> <sub>n</sub>
L1	191.5 - 172.46 (1)	TP20.46x15.5x0.1875	19.04	0.00	0.0	11.5867	-4.32	677.82	0.006
L2	172.46 - 127.753 (2)	TP31.6x19.2819x0.3125	47.79	0.00	0.0	29.8828	-19.40	1748.14	0.011
L3	127.753 - 83.083 (3)	TP42.49x29.8151x0.4375	49.17	0.00	0.0	56.3072	-30.13	3293.97	0.009
L4	83.083 - 40.456 (4)	TP52.59x40.1114x0.5	48.46	0.00	0.0	79.7723	-45.22	4666.68	0.010
L5	40.456 - 0 (5)	TP62x49.7661x0.5	47.54	0.00	0.0	97.6005	-66.53	5709.63	0.012

# Pole Bending Design Data

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

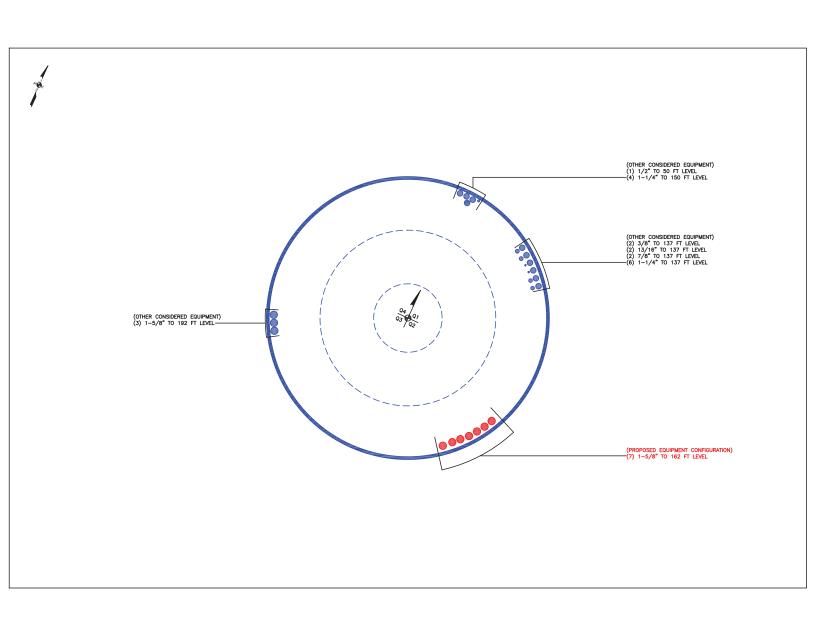
Section	Elevation	Size	$M_{ux}$	$\phi M_{nx}$	Ratio	$M_{uy}$	$\phi M_{ny}$	Ratio
No.					$M_{ux}$			$M_{uy}$
	ft		kip-ft	kip-ft	$\phi M_{nx}$	kip-ft	kip-ft	$\phi M_{ny}$
	40.456 (4)							
L5 40	).456 - 0 (5)	TP62x49.7661x0.5	3649.05	8525.50	0.428	0.00	8525.50	0.000

Pole Shear Design Data									
Section No.	Elevation	Size	Actual V <sub>u</sub>	$\phi V_n$	Ratio V <sub>u</sub>	Actual T <sub>u</sub>	<b>φ</b> <i>T</i> <sub>n</sub>	Ratio T <sub>u</sub>	
	ft		K	K	$\phi V_n$	kip-ft	kip-ft	$\phi T_n$	
L1	191.5 - 172.46 (1)	TP20.46x15.5x0.1875	4.73	203.35	0.023	2.22	346.71	0.006	
L2	172.46 - 127.753 (2)	TP31.6x19.2819x0.3125	18.56	524.44	0.035	5.84	1383.70	0.004	
L3	127.753 - 83.083 (3)	TP42.49x29.8151x0.4375	21.74	988.19	0.022	5.83	3509.13	0.002	
L4	83.083 - 40.456 (4)	TP52.59x40.1114x0.5	24.96	1400.00	0.018	5.90	6162.89	0.001	
L5	40.456 - 0 (5)	TP62x49.7661x0.5	28.12	1712.89	0.016	5.89	9225.42	0.001	

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

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

# APPENDIX B BASE LEVEL DRAWING



# APPENDIX C ADDITIONAL CALCULATIONS

### **Monopole Base Plate Connection**



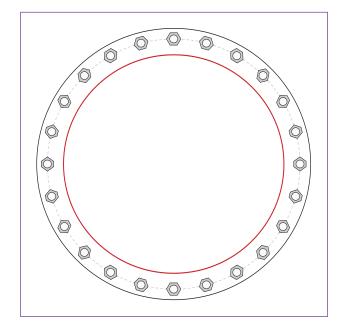
Site Info	
BU#	876355
Site Name	Upper stepway - TLC
Order #	654594 REV. 0

Analysis Considerations			
TIA-222 Revision	Н		
Grout Considered:	No		
I <sub>ar</sub> (in)	2		

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

<sup>\*</sup>TIA-222-H Section 15.5 Applied

Pole Data



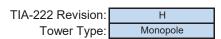
Connection Properties	Analysis Results		
Anchor Rod Data	Anchor Rod Summary		(units of kips, kip-in)
(24) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 71" BC	Pu_t = 99.98	φPn_t = 243.75	Stress Rating
	Vu = 1.17	φVn = 149.1	39.1%
Base Plate Data	Mu = n/a	φMn = n/a	Pass
77" OD x 2.25" Plate (A572-60; Fy=60 ksi, Fu=75 ksi)			
	Base Plate Summary		
Stiffener Data	Max Stress (ksi):	28.08	(Flexural)
N/A	Allowable Stress (ksi):	54	
	Stress Rating:	49.5%	Pass

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

CCIplate - Version 5.0.2 Analysis Date: 1/16/2024

## **Pier and Pad Foundation**

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





Top & Bot. Pad Rein. Different?:	<b>✓</b>
Block Foundation?:	
Rectangular Pad?:	

Superstructure Analysis Reactions		
Compression, P <sub>comp</sub> :	66.54	kips
Base Shear, Vu_comp:	28.1	kips
Moment, <b>M</b> <sub>u</sub> :	3649.05	ft-kips
Tower Height, <b>H</b> :	191.5	ft
BP Dist. Above Fdn, <b>bp</b> <sub>dist</sub> :	4.25	in

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

Pad Properties		
Depth, <b>D</b> :	5	ft
Pad Width, <b>W</b> ₁:	30	ft
Pad Thickness, <b>T</b> :	3	ft
Pad Rebar Size (Top dir.2), <b>Sp</b> top2:	8	
Pad Rebar Quantity (Top dir. 2), <b>mp</b> top2:	26	
Pad Rebar Size (Bottom dir. 2), Sp <sub>2</sub> :	8	
Pad Rebar Quantity (Bottom dir. 2), <b>mp</b> <sub>2</sub> :	52	
Pad Clear Cover, <b>cc</b> pad:	3	in

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

Soil Properties			
Total Soil Unit Weight, γ:	110	pcf	
Ultimate Gross Bearing, Qult:	24.000	ksf	
Cohesion, Cu:		ksf	
Friction Angle, $oldsymbol{arphi}$ :	30	degrees	
SPT Blow Count, N <sub>blows</sub> :			
Base Friction, $\mu$ :	0.7		
Neglected Depth, N:	3.50	ft	
Foundation Bearing on Rock?	Yes		
Groundwater Depth, gw:	N/A	ft	

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

\*Rating per TIA-222-H Section 15.5

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

<--Toggle between Gross and Net



## **ASCE Hazards Report**

#### Address:

No Address at This Location

Standard: ASCE/SEI 7-16

Risk Category: ||

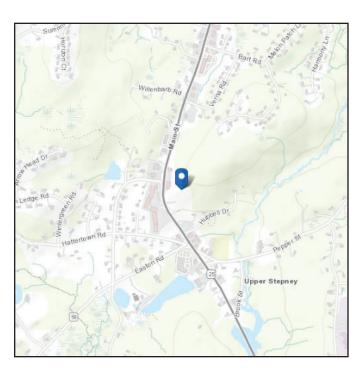
Soil Class: D - Default (see

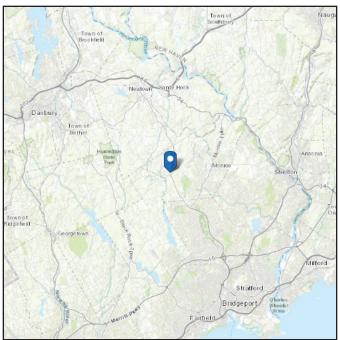
Section 11.4.3)

**Latitude:** 41.325553 **Longitude:** -73.265847

**Elevation:** 447.44477990550286 ft

(NAVD 88)





### Wind

### Results:

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

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

Date Accessed: Tue Jan 16 2024

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

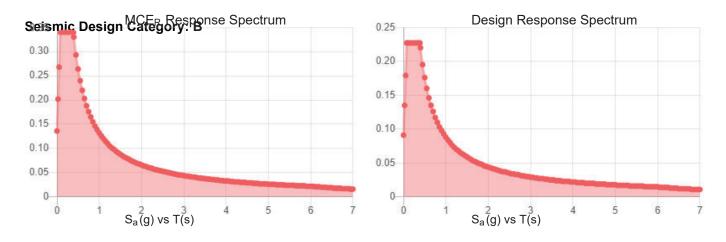
Site is in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2. Glazed openings need not be protected against wind-borne debris.

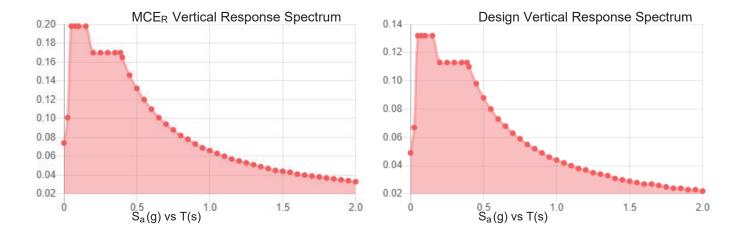


### Seismic

Site Soil Class:	D - Default (see Section 11.4.3)		
Results:			
S <sub>s</sub> :	0.213	S <sub>D1</sub> :	0.088
S. ·	0.055	T. ·	6

 $S_1$ :  $\mathsf{T}_\mathsf{L}$  : 0.055 $F_a$ : PGA: 1.6 0.121  $F_v$ : 2.4 PGA M: 0.189  $S_{MS}$ : 0.34  $F_{PGA}$  : 1.558  $I_e$ :  $S_{M1}$ : 0.132 1  $S_{\text{DS}}$  : 0.227  $C_{\nu}$ : 0.726





Data Accessed: Tue Jan 16 2024

**Date Source:** 

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



### **Ice**

#### Results:

Ice Thickness: 1.00 in.
Concurrent Temperature: 15 F
Gust Speed 50 mph

**Data Source:** Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8

**Date Accessed:** Tue Jan 16 2024

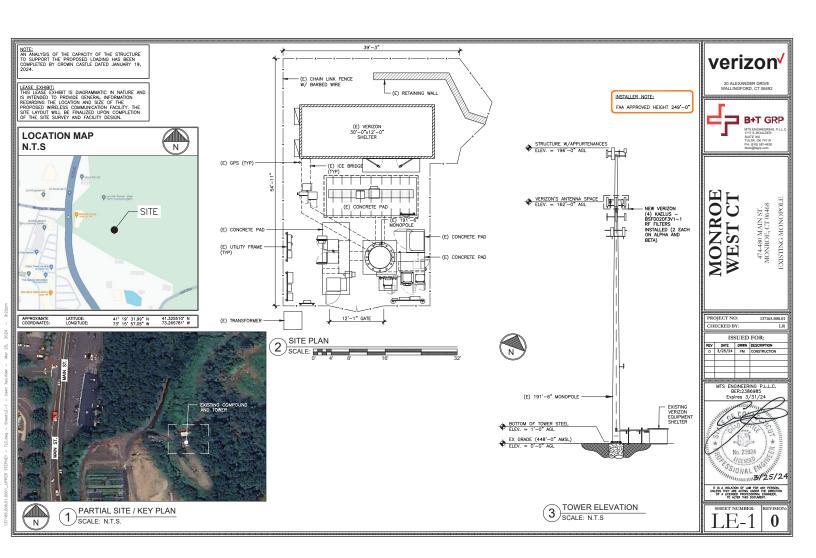
Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

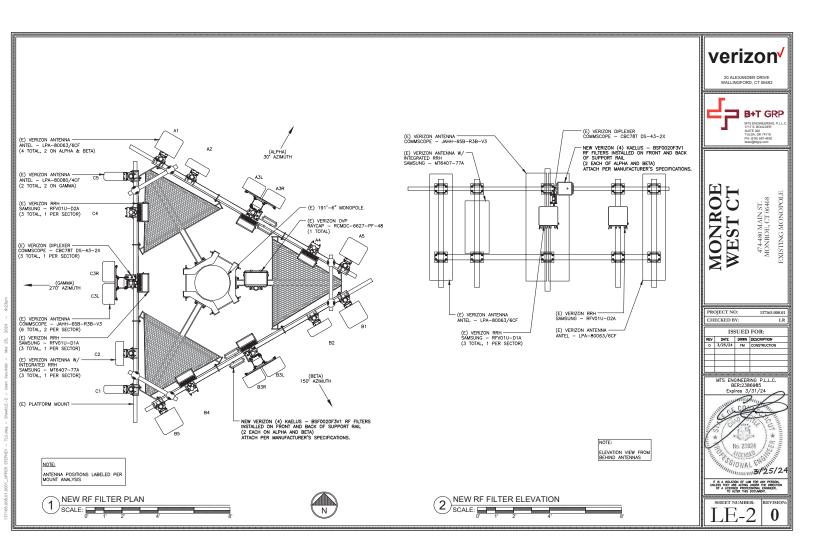
Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 500-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from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

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