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

October 3, 2023

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

RE: **Notice of Exempt Modification for Verizon**
Crown #806372_Crown_VZW
266R Center Street, Manchester, CT 06045
Latitude: 41° 46′ 19.00″ / Longitude: -72° 31′ 48.80″

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 266R Center Street, Manchester, CT 06045. The property and the tower are owned by Crown Castle. Verizon now intends to add one (1) interference mitigation filter to be installed at the 117-foot level of the tower of the 115-foot monopole. This modification may include B2, B5, B17, B14, B29, B30, B66 & n77 hardware that is 4G(LTE) and/or 5GNR capable through remote software configuration and either or both services may be turned on or off at various times.

Panned Modification:

Tower:

Installed New:
(1) Kaelus BSF0020F3V1-1 Twin Bandstop 900MHZ Interference Mitigation Filter

The proposed work in this application only pertains to the installation of interference mitigation filter(s) and does not involve any additional equipment that may be called out in the Mount Analysis and/or in Table 1 of the Structural Analysis Reports.

The facility was approved by the Connecticut Siting Council, Docket No. 120, on August 24, 1990. 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.SA. § 16-SOj-73, a copy of this letter is being sent to Town Manager Steve Stephanou and Planning Director Gary Anderson for the municipality. Crown Castle is both the land and the tower owner. The proposed modifications will not result in an increase in the height of the existing tower.

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

3. 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.
4. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.
5. The existing structure and its foundation can support the proposed loading.

For the foregoing reasons, Verizon 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: Domenica Tatasciore.

Sincerely,

Domenica Tatasciore
Site Acquisition Specialist
1800 W. Park Drive
Westborough, MA 01581
(508) 621-9161/ Domenica.Tatasciore@crowncastle.com

Attachments
cc:

Town Manager Steve Stephanou
Town of Manchester
41 Center Street
Manchester, CT 06045
860-647-5235

Planning Director Gary Anderson
Town of Manchester
41 Center Street
Manchester, CT 06045
860-647-3044

Crown Castle, *Property & Tower Owner*

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

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

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

2898300

SIX HUNDRED TWENTY FIVE AND 00/100********** DATE 09/22/23 $*******625.00

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

2695915

Robt A Cole VP and Controller
Assist. Secretary

VOID AFTER 180 DAYS

⑈2898300⑈ ⑆111000614⑆ 1034104531⑈

Check No 2898300
Check Date 09/22/23

Stub 1 of 1

CKRQ 806372 650396 CSC ZA	09/22/23	Invoice Summ	625.00	625.00
			625.00	625.00

From: TrackingUpdates@fedex.com
To: Tatasciore, Domenica
Subject: FedEx Shipment 773536417234: Your package has been delivered
Date: Tuesday, October 3, 2023 10:34:14 AM

Hi. Your package was delivered Tue, 10/03/2023 at 10:27am.

Delivered to 41 CENTER ST, MANCHESTER, CT 06045
Received by T.GREENE

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	773536417234
FROM	Crown Castle 1800 West Park Drive Suite 200 WESTBOROUGH, MA, US, 01581
TO	Town of Manchester Town Manager Steve Stephanou 41 Center Street MANCHESTER, CT, US, 06045
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Mon 10/02/2023 05:22 PM
DELIVERED TO	Mailroom
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	MANCHESTER, CT, US, 06045
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Priority Overnight

From: TrackingUpdates@fedex.com
To: Tatasciore, Domenica
Subject: FedEx Shipment 773536430389: Your package has been delivered
Date: Tuesday, October 3, 2023 10:34:19 AM

Hi. Your package was delivered Tue, 10/03/2023 at 10:27am.

Delivered to 41 CENTER ST, MANCHESTER, CT 06045
Received by T.GREENE

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	773536430389
FROM	Crown Castle 1800 West Park Drive Suite 200 WESTBOROUGH, MA, US, 01581
TO	Town of Manchester Planning Director Gary Anderson 41 Center Street MANCHESTER, CT, US, 06045
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Mon 10/02/2023 05:22 PM
DELIVERED TO	Mailroom
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	MANCHESTER, CT, US, 06045
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Priority Overnight

BH
B1

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

136 Main Street, Suite 401
New Britain, Connecticut 06051
Phone: 827-7682

August 24, 1990

Mr. David S. Malko
Manager, Engineering and Regulatory Services
Metro Mobile
50 Rockland Road
South Norwalk, CT 06854

RE: DOCKET NO. 129 - Metro Mobile CTS of Hartford, Inc., Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a cellular telephone tower and associated equipment in the Town of Manchester, Connecticut.

Dear Mr. Malko:

On August 22, 1990, the Siting Council considered and approved all remaining sections of the Development and Management Plan (D&M) for this cellular telephone tower and associated equipment in the Town of Manchester, Connecticut. This decision confirms use of barbed wire on the security fence surrounding the cellular site that was approved by the Council by its Decision and Order on March 12, 1990.

This approval applies only to the D&M plan submitted for the Manchester site. Modifications to this D&M Plan require advance Council notification and approval. Please notify the Council when construction is completed.

Enclosed for your use is a copy of the Staff Report regarding the D&M Plan.

Very truly yours,

Gloria Dibble Pond

Gloria Dibble Pond
Chairperson

SMH/smh

enclosure

4706-2

METRO MOBILE

July 20, 1990

Connecticut Siting Council
136 Main Street
Suite 401
New Britain, CT 06051

Attention: Joel M. Rinebold, Executive Director

Re: Docket No. 129 - Metro Mobile CTS of Hartford, Inc.
Manchester Cell Site

Dear Mr. Rinebold:

Metro Mobile CTS of Hartford, Inc. ("Metro Mobile") has submitted a proposed D&M Plan in the above-referenced proceeding and has received comments on it from the Town of Manchester and the Council.

Metro Mobile intends to construct an eight foot security fence around the facility with three strands of barbed wire on top. One of the comments received addresses the potential restriction on the use of barbed wire in constructing a fence at the proposed facility under Section 47-47 of the Connecticut General Statutes. This communication sets forth Metro Mobile's position that Metro Mobile is unaffected by said provision, as well as the Company's arguments in support of its position that the fencing plans already submitted are within State laws.

The provision of interest is Section 47-47 of the Connecticut General Statutes, which reads, in relevant part, as follows:

> Barbed wire between adjoining premises or enclosing grounds of public buildings. No person shall use barbed wire in the construction of fences or have barbed wire upon existing fences between his own premises and those of an adjoining proprietor, within twenty-five rods of any house or barn belonging to such proprietor, unless either premises are used in connection with raising livestock, without first obtaining his written consent . . . .

A. THE SITING COUNCIL'S JURISDICTION SUPERSEDES THE RESTRICTIONS IMPOSED BY C.G.S. SECTION 16-50x.

The Connecticut Siting Council was created with the express purpose of considering applications for the construction, operation, and maintenance of certain types of facilities within the state, including the proposed Manchester facility. The Council's jurisdiction overrides select state and local laws which would otherwise place restrictions on such activities. Section 16-50x of the C.G.S. contains the override language, as follows:

> (a) Notwithstanding any other provision of the general statutes to the contrary, except as provided in Section 16-243, the council shall have exclusive jurisdiction over the location and type of facilities and over the location and type of modifications of facilities subject to the provisions of subsection (d) of this section. (emphasis added)

It should be noted that neither Section 16-243 nor subsection (d) of Section 16-50x modifies the applicability of the section quoted above with respect to the proposed Metro Mobile facility.

Whether the proposed facility uses barbed wire is an issue as to the type of facility to be constructed. Thus, it falls within the exclusive jurisdiction of the Council and cannot be affected by other statutes or local regulations.

B. EVEN IF THE COUNCIL'S JURISDICTION DOES NOT SUPERSEDE SECTION 47-47, METRO MOBILE'S PROPOSED FACILITY WILL NOT COME WITHIN THE AMBIT OF THAT PROVISION.

As set forth above, Metro Mobile's position is that the Council's jurisdiction supersedes the provisions of Section 47-47, and that the statute is therefore inapplicable to Metro Mobile at the Manchester facility certificated by the Council. If, however, the Council concludes that its jurisdiction does not supersede the statute, Metro Mobile contends that the provisions of the statute are inapplicable to Metro Mobile for the following reasons.

1. Proposed Fence Not Between Proprietors

The statute prohibits the use of barbed wire ". . . between his own premises and those of an adjoining proprietor . . . ." In Manchester, Metro Mobile's proposed facility will not border two separate land parcels except on the east and southwest sides (see page 5 of Tab 1 in the Metro Mobile Application for the Manchester Site, Siting Council Docket No. 129).

On the north side of Metro Mobile's facility, the proposed barbed wire will not be between two adjoining proprietors, since Metro Mobile facility is located on a portion of a parcel owned by S. Mark Stephens.

2. No Houses or Barns Located on Adjacent Property

The statute prohibits the use of barbed wire ". . . within twenty-five rods of any house or barn belonging to such proprietor . . . ." On the east side of the Metro Mobile facility, there is a strip of land owned by Kenneth C. Burkamp over which the Consolidated Rail Corporation at one time had an easement to operate a railway. There are no houses or barns located on this parcel, and therefore the prohibition cannot apply to Metro Mobile with respect to this parcel.

Similarly, the southwest side of the Metro Mobile facility is bordered by a parcel owned by Kenneth C. Burkamp. There are no houses or barns located on this parcel. The prohibition stated in the barbed wire statute therefore cannot apply to Metro Mobile with respect to this parcel.

Thus, even if the Council finds that its jurisdiction does not supersede the provisions of Section 47-47 of the C.G.S., those provisions do not apply to Metro Mobile in this case.

Respectfully yours,

David S. Malko
DSS

David S. Malko, P.E.
Manager, Engineering and Regulatory Services

DSM:mb

cc: Service List Docket 129

266R CENTER STREET

Location	266R CENTER STREET	**Mblu**	62/ 1020/ 266/ /
Acct#	102000266R	**Owner**	CROWN ATLANTIC CO LLC
Assessment	$105,800	**Appraisal**	$151,100
PID	2635	**Building Count**	1
DISTRICT	T	**CONCRETE**	

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$68,900	$82,200	$151,100

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$48,300	$57,500	$105,800

Owner of Record

Owner CROWN ATLANTIC CO LLC
PMB 353-806372
Address 4017 WASHINGTON ROAD
MCMURRAY, PA 15317

Sale Price $0
Certificate C
Book & Page 2071/0309
Sale Date 04/19/1999
Instrument 25

Ownership History

Ownership History					
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Instrument**	**Sale Date**
CROWN ATLANTIC CO LLC	$0	C	2071/0309	25	04/19/1999
CELCO PARTNERSHIP	$0		1923/0202	25	10/16/1997
METRO MOBILE	$0		1382_142/0		04/01/1990

Building Information

Building 1 : Section 1

Year Built:
Living Area: 0
Replacement Cost: $0

Replacement Cost
Less Depreciation: $0

Building Attributes	
Field	**Description**
Style:	Outbuildings
Model	
Grade:	
Stories:	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure:	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Total Bthrms:	
Total Half Baths:	
Total Xtra Fixtrs:	
Total Rooms:	
Bath Style:	
Kitchen Style:	
Extra Kitchens	
Whirlpool	
Fireplace	
Fin Basement	
Fin Bsmnt Qual	
Fin Bsmnt 2	
Fin Bsmnt2 Qual	
Bsmnt Garage	
Fireplaces	
Fndtn Level	
SFA Code	
Fndtn Cndtn	
Basement	

Building Photo

(https://images.vgsi.com/photos2/ManchesterCTPhotos/\00\02\40\81.jpg)

Building Layout

Building Layout
(https://images.vgsi.com/photos2/ManchesterCTPhotos//Sketches/2635_2

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

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Use Code	302
Description	Ind Vac
Zone	IND
Neighborhood	4500
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	0.17
Frontage	0
Depth	0
Assessed Value	$57,500
Appraised Value	$82,200

Outbuildings

Outbuildings						Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
FN4	Fence 8' Chain			264.00 L.F.	$4,000	1
PAV1	Paving Asphalt			4400.00 S.F.	$5,500	1
SHDT	Telephone Shed			720.00 S.F.	$59,400	1
PAV2	Paving Concrete			12.00 S.F.	$0	1
GEN	Generator			1.00 UNIT	$0	1

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$68,900	$82,200	$151,100
2021	$68,900	$82,200	$151,100
2020	$82,000	$82,200	$164,200

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$48,300	$57,500	$105,800
2021	$48,300	$57,500	$105,800
2020	$57,500	$57,500	$115,000

Town of Manchester, CT

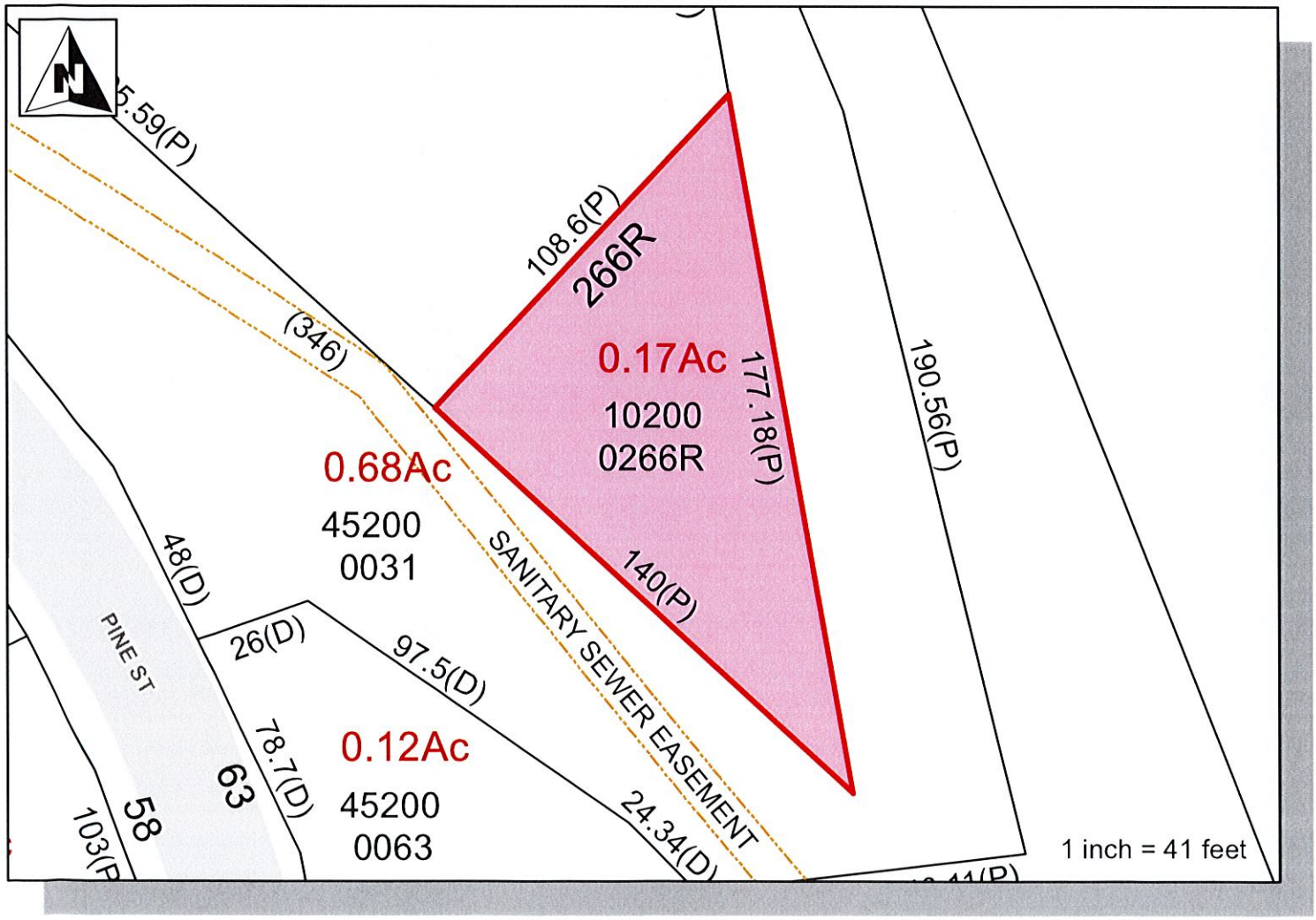
Address: 266R CENTER STREET

RPKEY: 102000266R

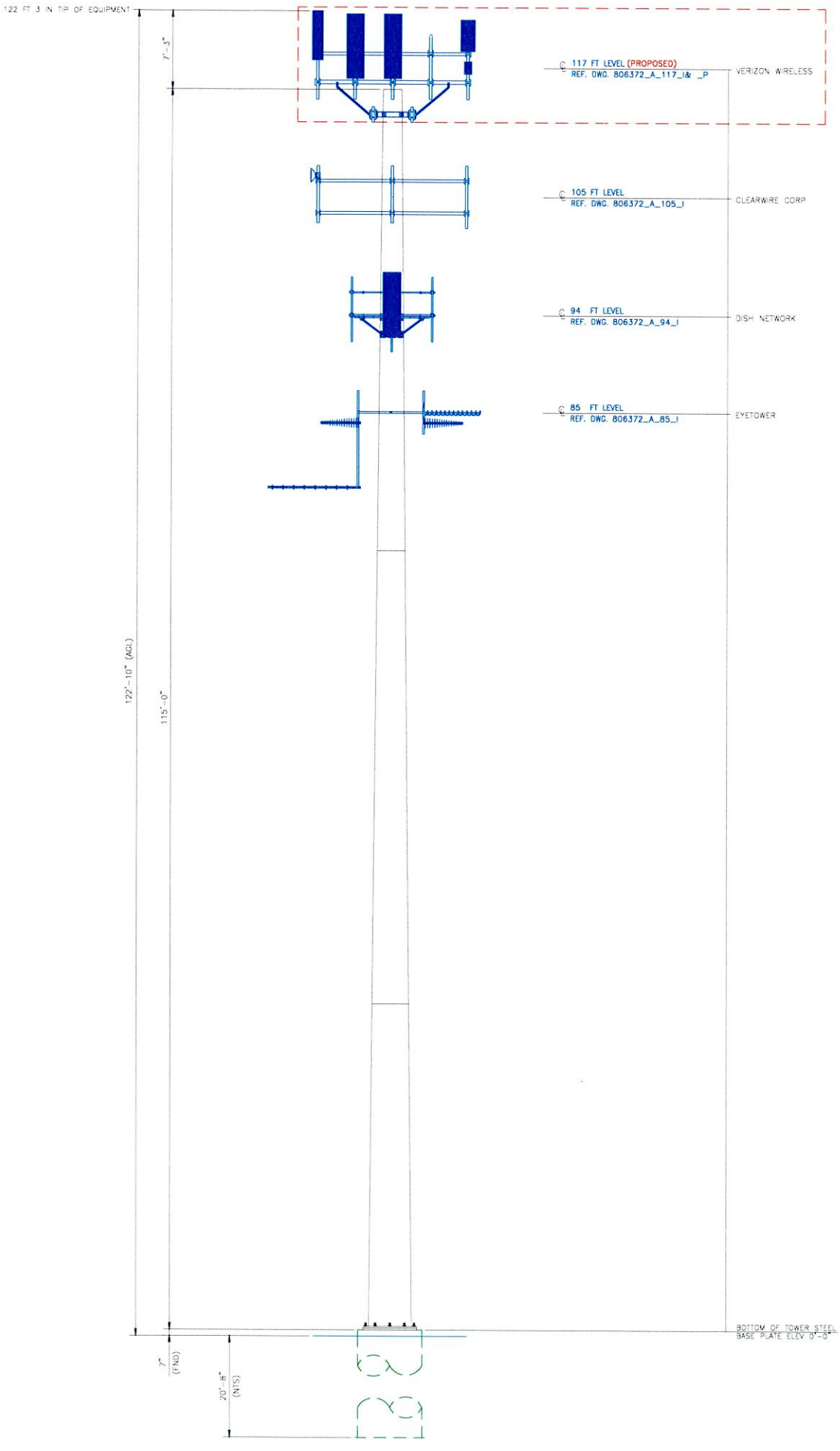
Property Information:

Mailing Address:	266R CENTER ST MANCHESTER, CT
Owner Name:	CROWN ATLANTIC CO LLC
Owner Address:	4017 WASHINGTON RD MCMURRAY, PA 15317
Land Class:	Ind Vac
Land Use Code:	302

Acreage:	0.17
Zoning:	IND
Year Built:	0
Appraisal:	151100
Assessment:	105800
Sale Price:	$
Sale Date:	04/19/1999
Book/Page:	2071/ 309



Report Created: 7/12/2023


122 FT 3 IN TIP OF EQUIPMENT
7'-3"
℄ 117 FT LEVEL (PROPOSED)
REF. DWG. 806372_A_117_I& _P
VERIZON WIRELESS
℄ 105 FT LEVEL
REF. DWG. 806372_A_105_I
CLEARWIRE CORP
℄ 94 FT LEVEL
REF. DWG. 806372_A_94_I
DISH NETWORK
℄ 85 FT LEVEL
REF. DWG. 806372_A_85_I
EYETOWER
122'-10" (AGL)
115'-0"
BOTTOM OF TOWER STEEL
BASE PLATE ELEV 0'-0"
7"
(FND)
20'-8"
(N/S)

BSF0020F3V1-1

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

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

FEATURES

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

TECHNICAL SPECIFICATIONS

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

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

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

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

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

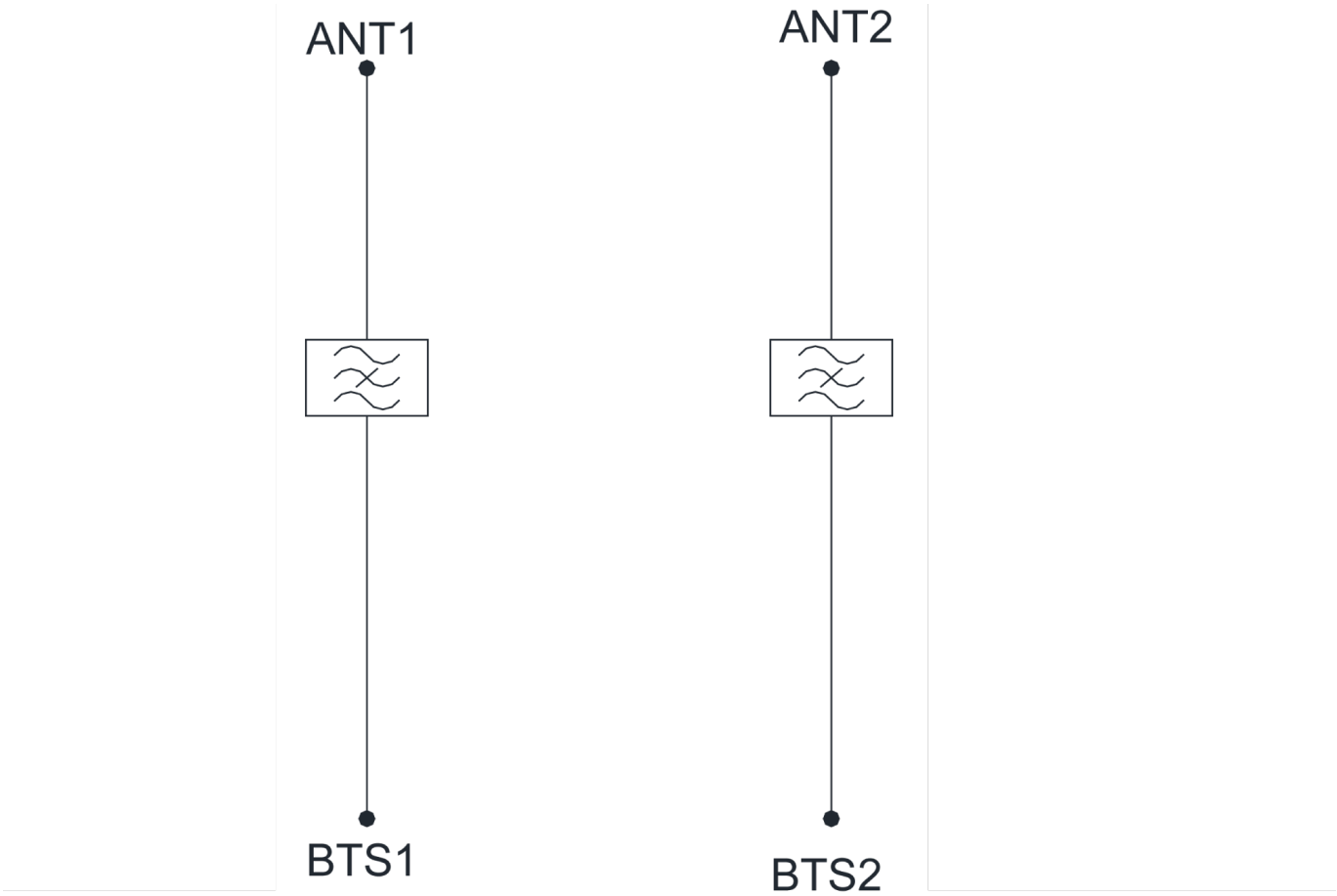
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ORDERING INFORMATION

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

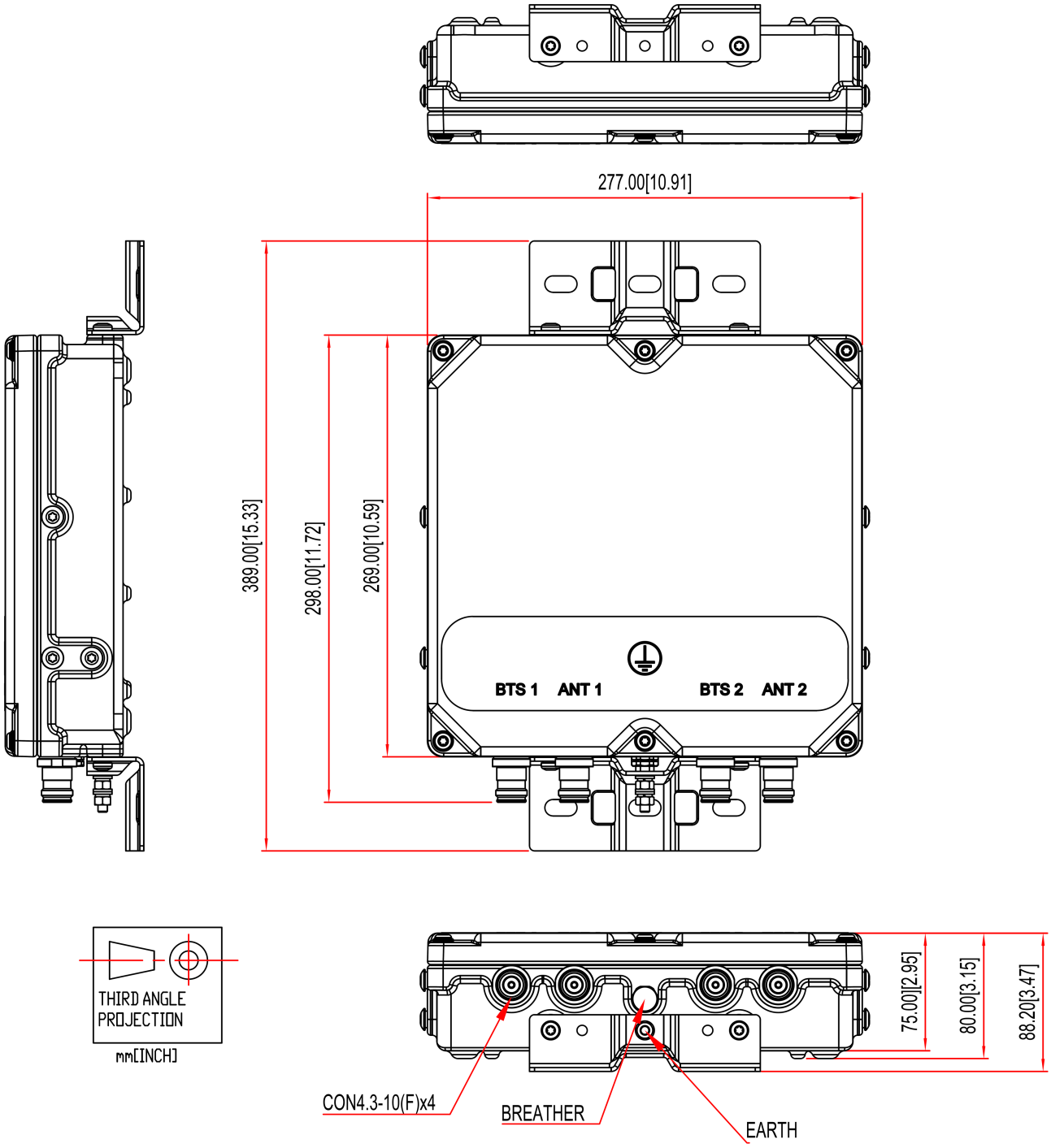
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ELECTRICAL BLOCK DIAGRAM



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

MECHANICAL BLOCK DIAGRAM



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

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10206418
Colliers Engineering & Design CT, P.C. Project #: 23777065

July 10, 2023

Site Information	*Site ID:*	*5000381961-VZW / MANCHESTER CT*
	Site Name:	*MANCHESTER CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*266R Center St.* *Manchester, Connecticut 06040* *Hartford County*
	Latitude:	*41.771932°*
	Longitude:	*-72.530226°*
Structure Information	*Tower Type:*	*118-Ft Monopole*
	Mount Type:	*14.00-Ft Platform*

FUZE ID # 16997722

Analysis Results

Platform: **79.6% Pass***

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

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

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

Report Prepared By: Grant Walters

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: 324288, Dated September 2, 2020*
Mount Mapping Report	*Structural Components, Site ID: 21777018-VZW* *Dated February 18, 2021*
Previous Post Modification Inspection	*Maser Consulting Connecticut, Project #: 21777018* *Dated July 27, 2022*
Filter Add Scope	*Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.993
Seismic Parameters:	S_S:	0.190 g
	S_1:	0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
114.00	120.00	3	Samsung	MT6407-77A	Retained
	117.25	3	Samsung	XXDWMM-12.5-65-8T-CBRS	
		3	Andrew	LNX-6513DS-A1M	
		6	Andrew	NNHH-65B-R4	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		1	RFS	DB-T1-6Z-8AB-0Z	
		1	Raycap	RRFDC-3315-PF-48	
		2	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-24AB-0Z	6	OVP-6
RVZDC-6627-PF-48	12	OVP-12

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	79.6 %	Pass
Grating Support	56.7 %	Pass
Outer Standoff	10.1 %	Pass
Inner Standoff	31.9 %	Pass
Support Rail	42.0 %	Pass
Conner Connection	68.6 %	Pass
Mount Pipe	47.8 %	Pass
Kicker	12.0 %	Pass
Plaform Bracing	6.4 %	Pass
Mount Connection	33.9 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**79.6%**

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

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	47.2	47.2	70.2	70.2
0.5	60.1	60.1	92.7	92.7
1	72.1	72.1	114.4	114.4

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

Requirements:

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

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

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

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MDG #: 5000381961 SMART Project #: 10206418 Fuze Project ID: 16997722

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

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

Base Requirements:

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

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

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

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

OR

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

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

Issue:

Response:

Special Instruction Confirmation:

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

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

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

OR

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

Comments:

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

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

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

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

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

Structure: **1961-VZW - MANCHESTER CT**

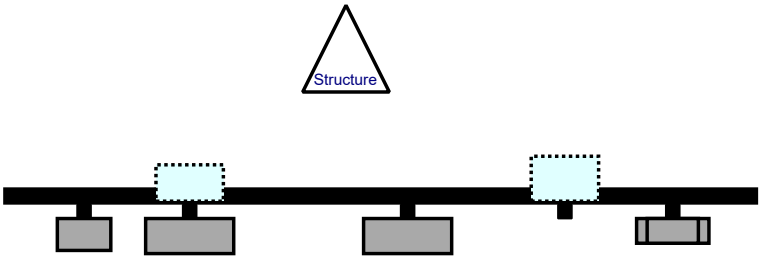
Sector: **A** 7/10/2023

Structure Type: Monopole 10206418

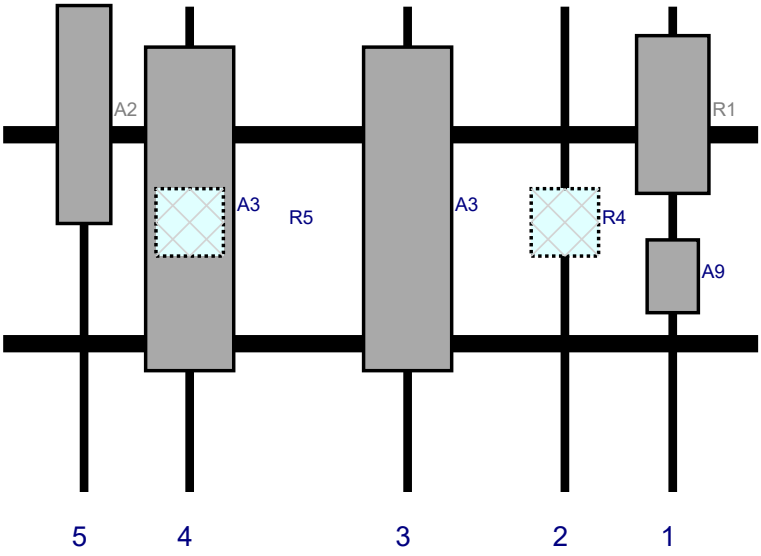
Mount Elev: 114.00 Page: 1

Colliers Engineering & Design

Plan View

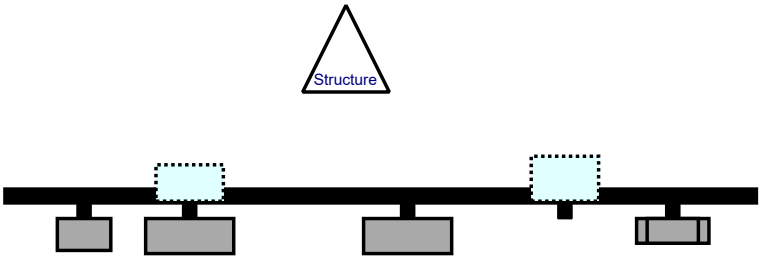


Front View - Looking at Structure

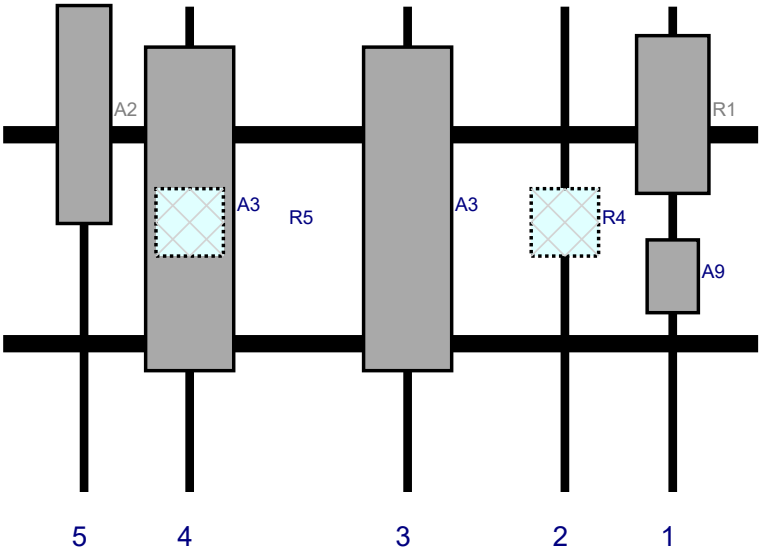


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A9	XXDWMM-12.5-65-8T-CBRS	16.2	11.4	149	1	a	Front	60	0	Retained	07/15/2022
R1	MT6407-77A	35.1	16.1	149	1	a	Front	24	0	Retained	07/15/2022
R4	B2/B66A RRH-BR049	15	15	125	2	a	Behind	48	0	Retained	07/15/2022
A3	NNHH-65B-R4	72	19.6	90	3	a	Front	45	0	Retained	07/15/2022
A3	NNHH-65B-R4	72	19.6	41.5	4	a	Front	45	0	Retained	07/15/2022
R5	B5/B13 RRH-BR04C	15	15	41.5	4	a	Behind	48	0	Retained	07/15/2022
A2	LNX-6513DS-A1M	48.5	11.9	18	5	a	Front	24	0	Retained	07/15/2022
M82	DB-T1-6Z-8AB-0Z	24	24		Member					Retained	07/15/2022
M82	RRFDC-3315-PF-48	19.1	10.2		Member					Retained	07/15/2022

Plan View

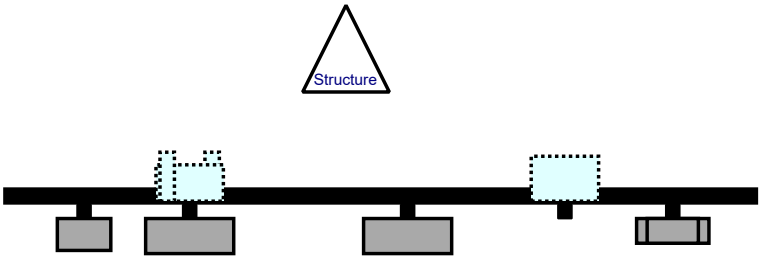


Front View - Looking at Structure

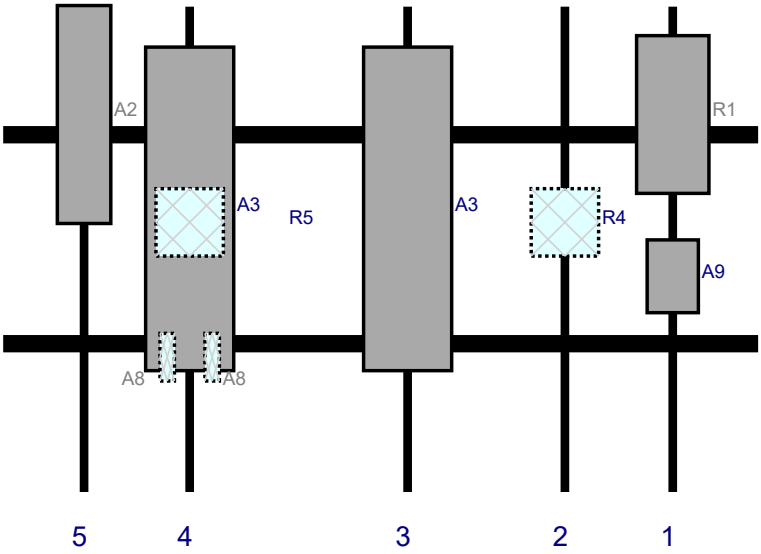


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A9	XXDWMM-12.5-65-8T-CBRS	16.2	11.4	149	1	a	Front	60	0	Retained	07/15/2022
R1	MT6407-77A	35.1	16.1	149	1	a	Front	24	0	Retained	07/15/2022
R4	B2/B66A RRH-BR049	15	15	125	2	a	Behind	48	0	Retained	07/15/2022
A3	NNHH-65B-R4	72	19.6	90	3	a	Front	45	0	Retained	07/15/2022
A3	NNHH-65B-R4	72	19.6	41.5	4	a	Front	45	0	Retained	07/15/2022
R5	B5/B13 RRH-BR04C	15	15	41.5	4	a	Behind	48	0	Retained	07/15/2022
A2	LNX-6513DS-A1M	48.5	11.9	18	5	a	Front	24	0	Retained	07/15/2022

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A9	XXDWMM-12.5-65-8T-CBRS	16.2	11.4	149	1	a	Front	60	0	Retained	07/15/2022
R1	MT6407-77A	35.1	16.1	149	1	a	Front	24	0	Retained	07/15/2022
R4	B2/B66A RRH-BR049	15	15	125	2	a	Behind	48	0	Retained	07/15/2022
A3	NNHH-65B-R4	72	19.6	90	3	a	Front	45	0	Retained	07/15/2022
A3	NNHH-65B-R4	72	19.6	41.5	4	a	Front	45	0	Retained	07/15/2022
R5	B5/B13 RRH-BR04C	15	15	41.5	4	a	Behind	48	0	Retained	07/15/2022
A8	BSF0020F3V1-1	10.6	3.21	41.5	4	a	Behind	78	-5	Added	
A8	BSF0020F3V1-1	10.6	3.21	41.5	4	b	Behind	78	5	Added	
A2	LNX-6513DS-A1M	48.5	11.9	18	5	a	Front	24	0	Retained	07/15/2022

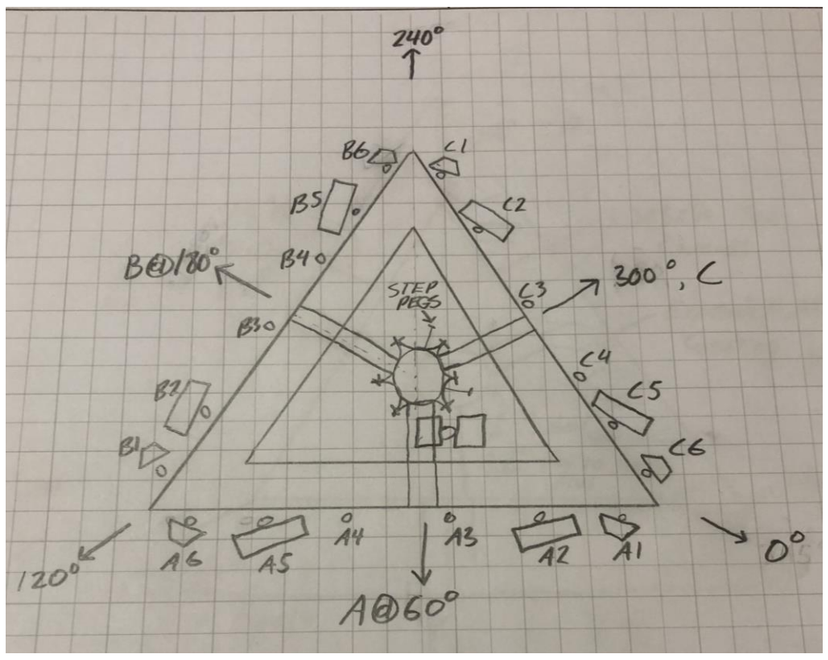

Jul 15, 2022 at 2:07:06 PM
63 Pine St
Manchester CT 06040
United States

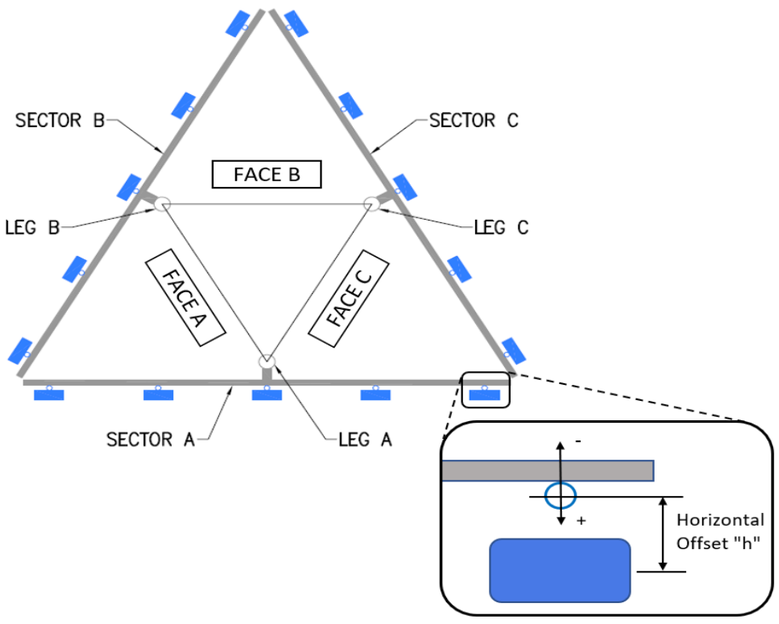
V3.0 Updated on 8-31-2020

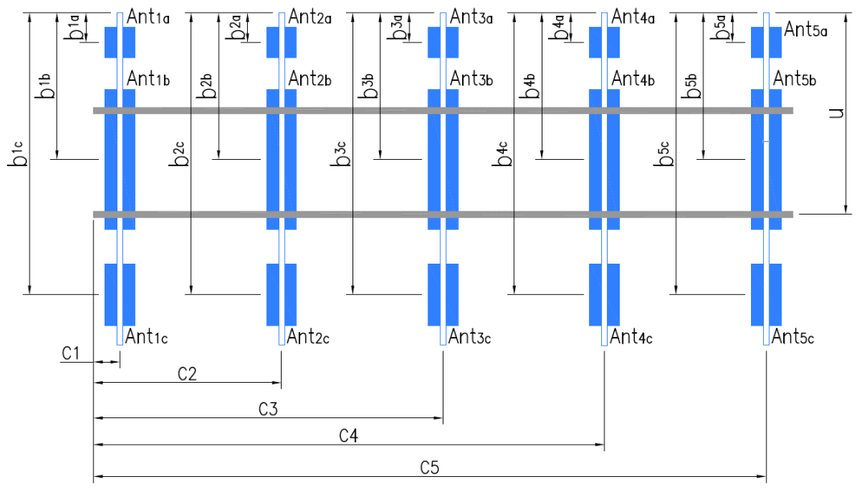
Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	Crown Castle	**Mapping Date:**	2/18/2021
Site Name:	Manchester CT	**Tower Type:**	Monopole
Site Number or ID:	21777018-VZW	**Tower Height (Ft.):**	118
Mapping Contractor:	Structural Components	**Mount Elevation (Ft.):**	119







Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2-3/8" x 0.154" x 108"	75.00	11.00	C1	2-3/8" x 0.154" x 108"	75.00	10.00
A2	2-3/8" x 0.154" x 108"	75.00	35.00	C2	2-3/8" x 0.154" x 108"	75.00	34.00
A3	2-3/8" x 0.154" x 84" (empty)	82.00	70.00	C3	2-3/8" x 0.154" x 84" (empty)	78.00	70.00
A4	2-3/8" x 0.154" x 84" (empty)	77.00	98.00	C4	2-3/8" x 0.154" x 84" (empty)	74.00	98.00
A5	2-3/8" x 0.154" x 108"	75.00	118.50	C5	2-3/8" x 0.154" x 108"	75.00	118.00
A6	2-3/8" x 0.154" x 108"	75.00	142.00	C6	2-3/8" x 0.154" x 108"	75.00	143.00
B1	2-3/8" x 0.154" x 108"	75.00	8.00	D1			
B2	2-3/8" x 0.154" x 108"	75.00	36.00	D2			
B3	2-3/8" x 0.154" x 84" (empty)	79.00	70.50	D3			
B4	2-3/8" x 0.154" x 84" (empty)	77.00	104.50	D4			
B5	2-3/8" x 0.154" x 108"	75.00	120.00	D5			
B6	2-3/8" x 0.154" x 108"	75.00	142.00	D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	24.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	

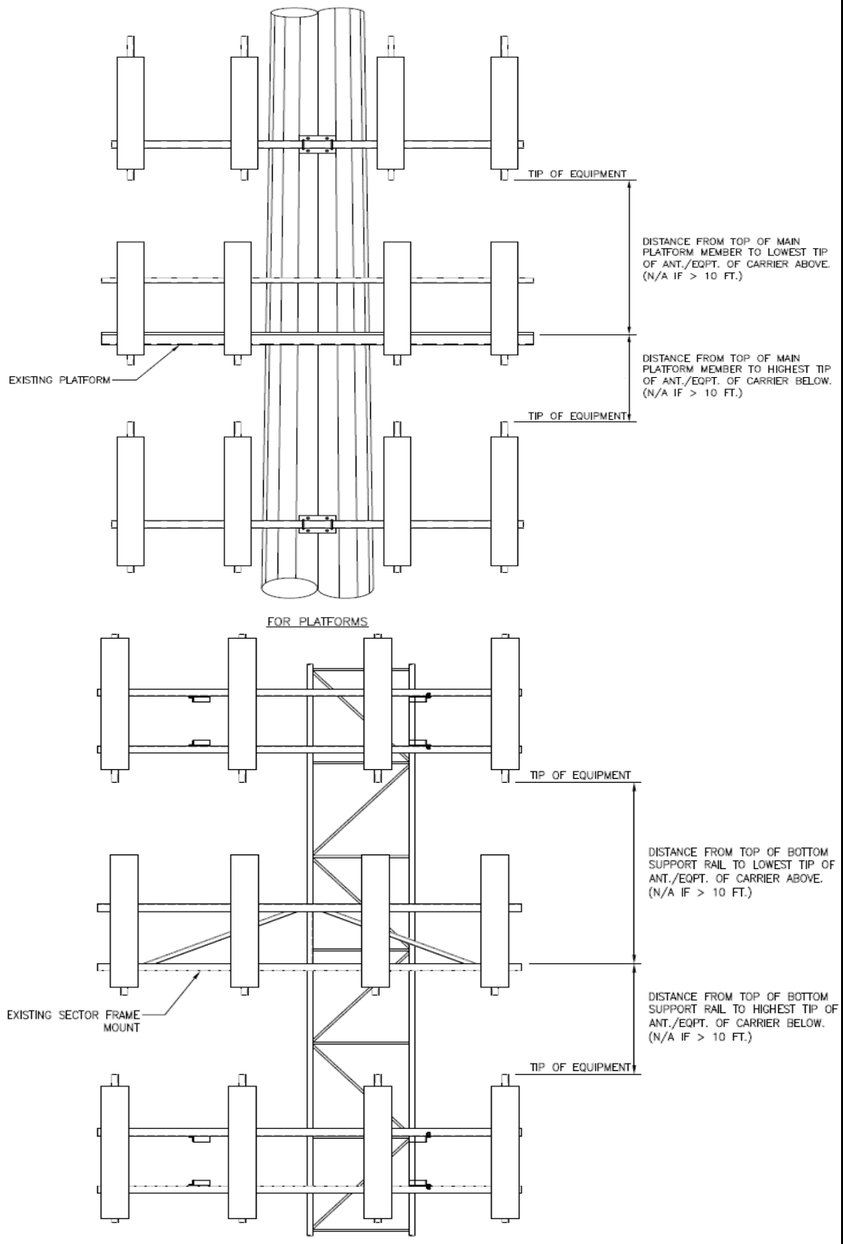
Please enter additional infomation or comments below.

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	22

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	DB844G65DAX	9.75	8.00	48.00	(1) 1-5/8tx	117.583	75.00	8.50	65.00	50
Ant_{1c}										
Ant_{2a}	Sam RFV01U-D2a	15.50	10.00	15.50		120.167	44.00	-8.00	230.00	50
Ant_{2b}	comm NNHH-65B-R4-V1	18.00	7.00	72.00	jumpers	117.417	77.00	9.00	50.00	50
Ant_{2c}										
Ant_{3a}	Sam RFV01U-D2a	15.50	10.00	15.50		120.167	44.00	-8.00	230.00	51
Ant_{3b}	comm NNHH-65B-R4-V1	18.00	7.00	72.00	jumpers	117.417	77.00	9.00	50.00	51
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	DB844G65DAX	9.75	8.00	48.00	(1) 1-5/8tx	117.583	75.00	8.50	65.00	51
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	(2) RRFDC 3315-PF-48	14.00	10.50	19.00	(2) 1.5 HYB	120.333	42.00	9.00	150.00	315
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	50.00	Deg	Leg A:	60.00	Deg
Sector B:	165.00	Deg	Leg B:	180.00	Deg
Sector C:	280.00	Deg	Leg C:	300.00	Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information		
Location:	270.00 Deg	Outside Face C
Climbing Facility	Corrosion Type:	N/A
	Access:	Climbing path was unobstructed.
	Condition:	Missing safety cable.



Sector B										
Ant_{1a}										
Ant_{1b}	DB844G65DAX	9.75	8.00	48.00	(1) 1-5/8tx	117	75.00	8.50	210.00	16
Ant_{1c}										
Ant_{2a}	Sam RFV01U-D2a	15.50	10.00	15.50		119.583	44.00	-8.00	350.00	16
Ant_{2b}	comm NNHH-65B-R4-V1	18.00	7.00	72.00	jumpers	117	75.00	9.00	170.00	16
Ant_{2c}										
Ant_{3a}	Sam RFV01U-D2a	15.50	10.00	15.50		119.583	44.00	-8.00	350.00	16
Ant_{3b}	comm NNHH-65B-R4-V1	18.00	7.00	72.00	jumpers	117	75.00	9.00	170.00	16
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	DB844G65DAX	9.75	8.00	48.00	(1) 1-5/8tx	117	75.00	8.50	210.00	16
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	DB844G65DAX	9.75	8.00	48.00	(1) 1-5/8tx	117	75.00	8.50	280.00	23
Ant_{1c}										
Ant_{2a}	Sam RFV01U-D2a	15.50	10.00	15.50		119.583	44.00	-8.00	100.00	23
Ant_{2b}	comm NNHH-65B-R4-V1	18.00	7.00	72.00		116.833	77.00	9.00	280.00	23
Ant_{2c}										
Ant_{3a}	Sam RFV01U-D2a	15.50	10.00	15.50		119.583	44.00	-8.00	100.00	23
Ant_{3b}	comm NNHH-65B-R4-V1	18.00	7.00	72.00		116.833	77.00	9.00	280.00	23
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	DB844G65DAX	9.75	8.00	48.00	(1) 1-5/8tx	117	75.00	8.50	305.00	23
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

1		
2		
3		
4		
5		
6		
7		
8		

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

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

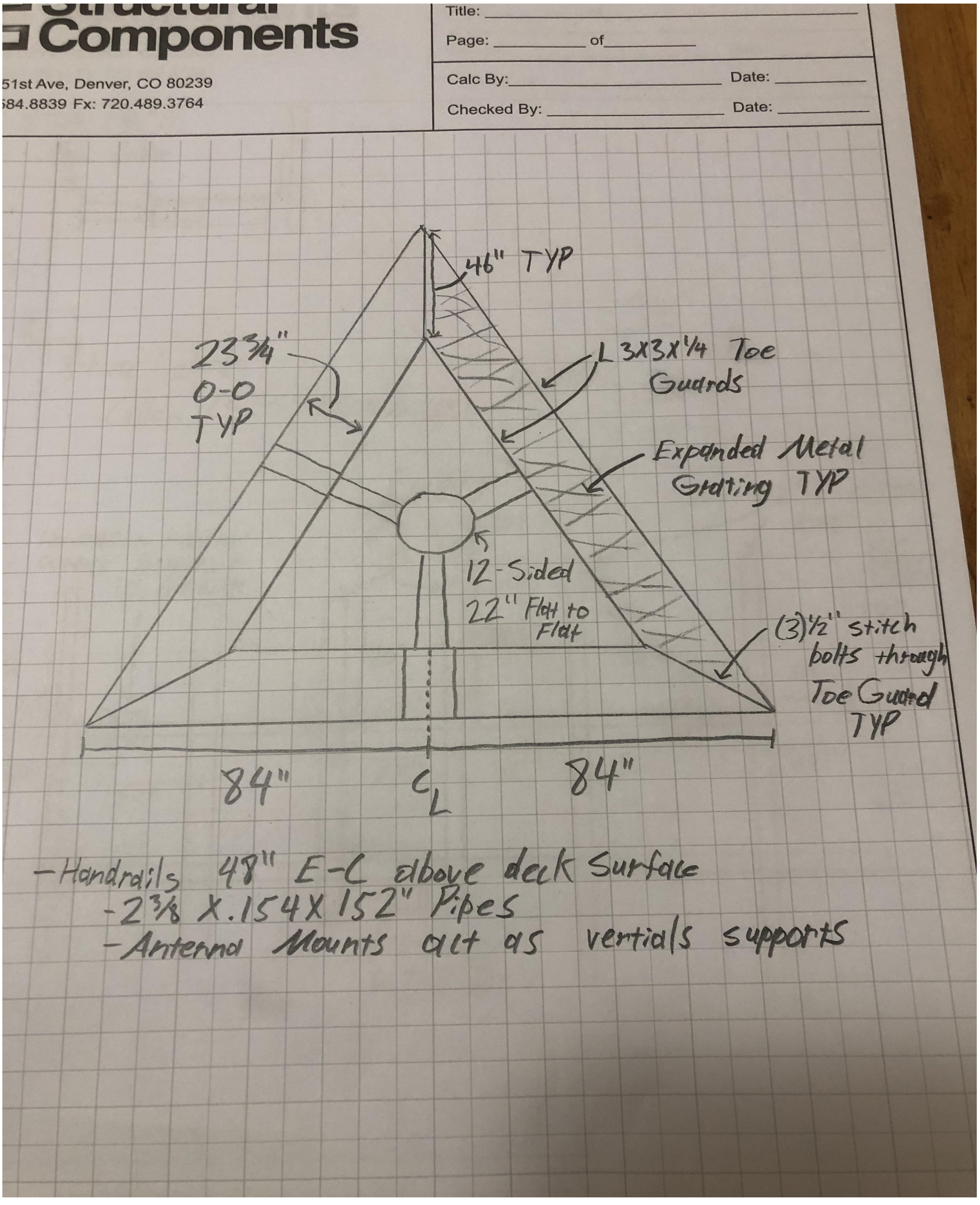
V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

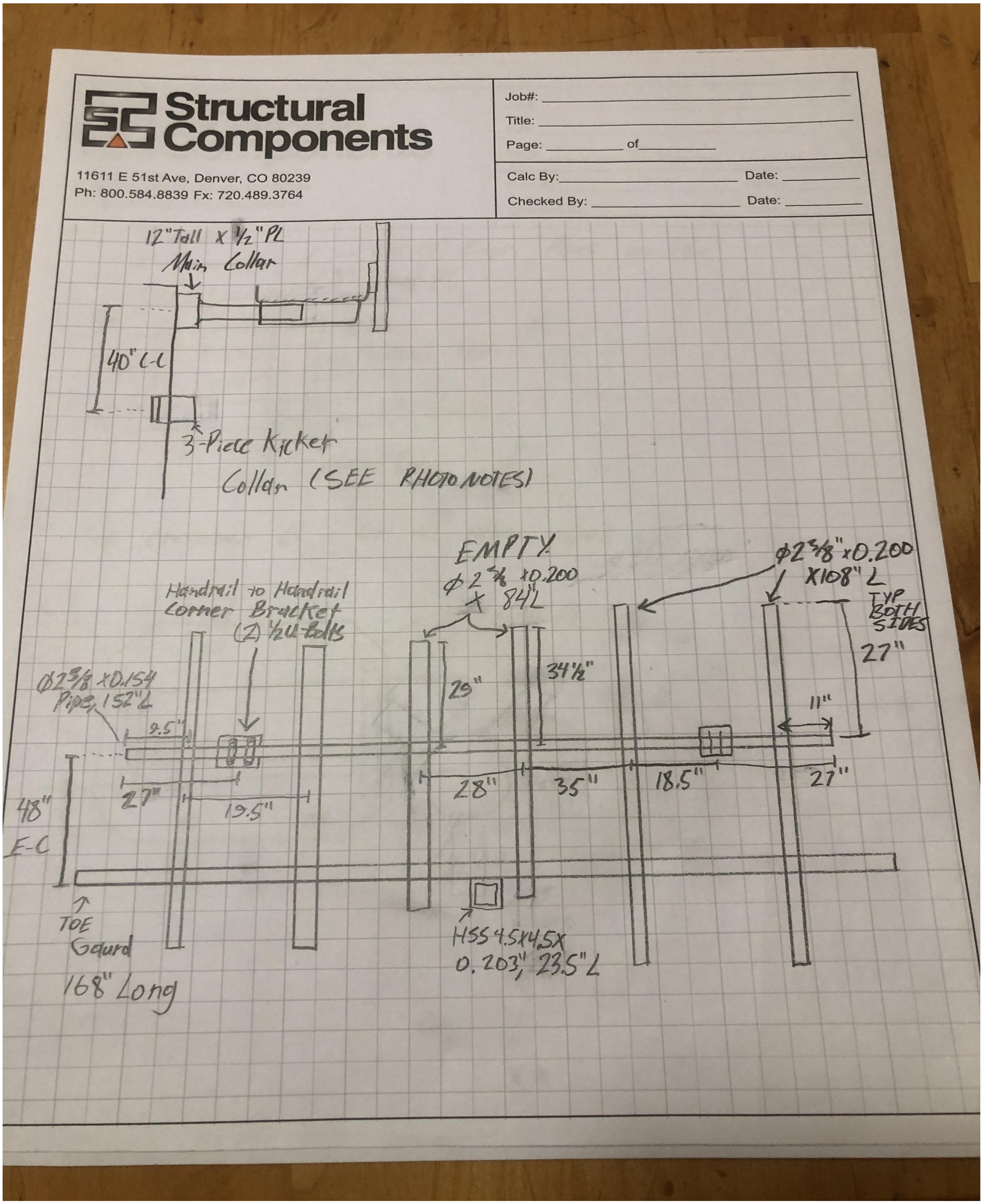
FCC #	

Tower Owner:	Crown Castle	**Mapping Date:**	2/18/2021
Site Name:	Manchester CT	**Tower Type:**	Monopole
Site Number or ID:	21777018-VZW	**Tower Height (Ft.):**	118
Mapping Contractor:	Structural Components	**Mount Elevation (Ft.):**	119

Please Insert Sketches of the Antenna Mount



Please Insert Sketches of the Antenna Mount, cont'd



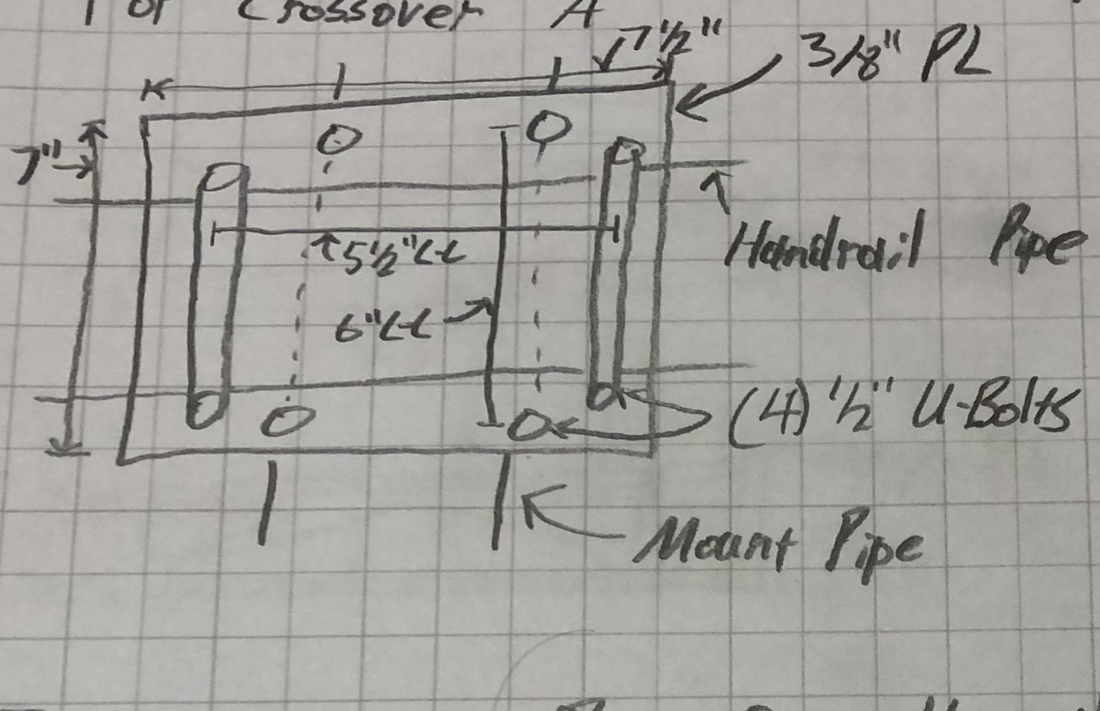
Please Insert Sketches of the Antenna Mount, cont'd

Structural Components

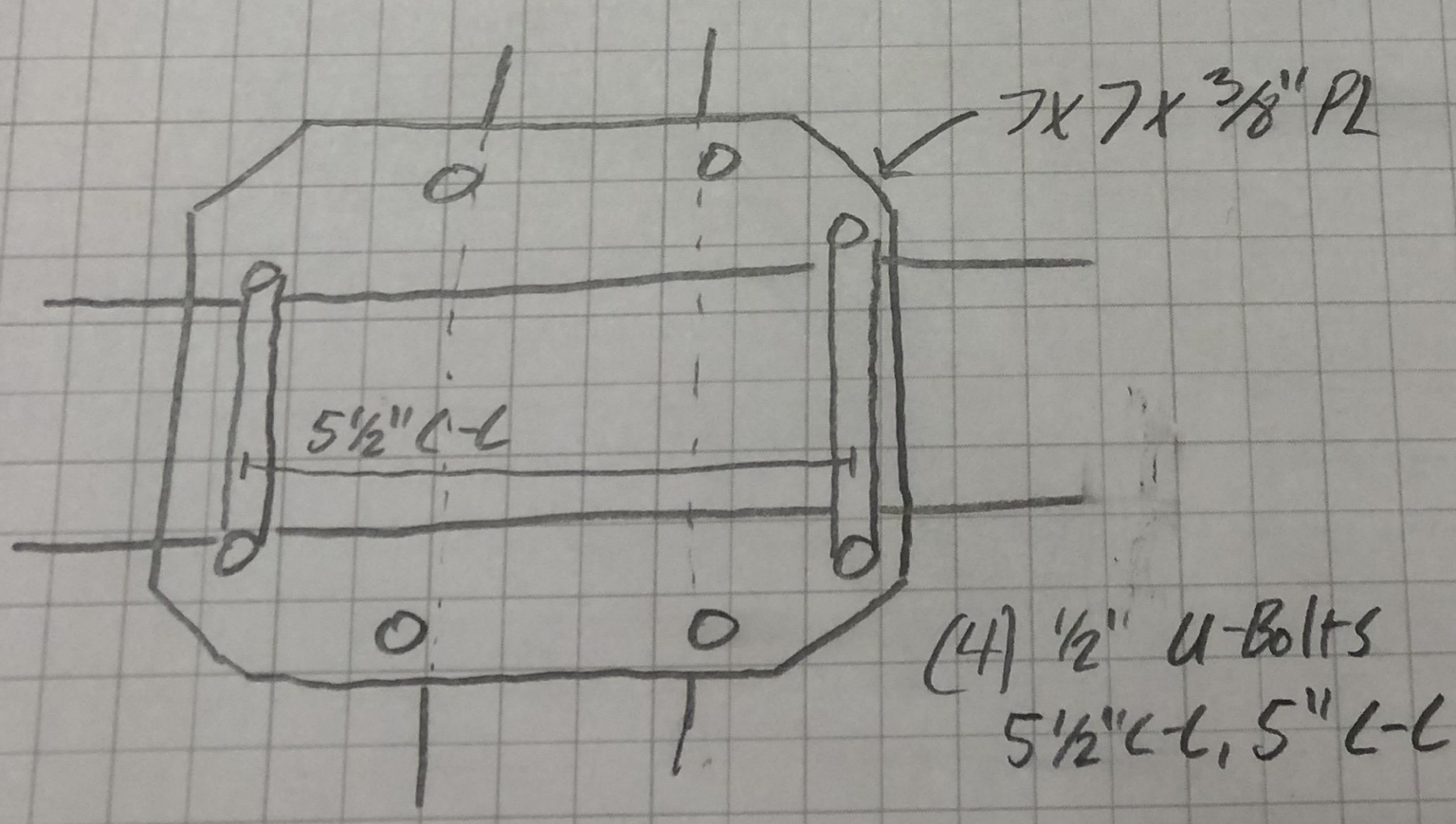
11611 E 51st Ave, Denver, CO 80239
Ph: 800.584.8839 Fx: 720.489.3764

Job#: _____
Title: _____
Page: _____ of _____
Calc By: _____ Date: _____
Checked By: _____ Date: _____

Top Crossover A - On (2) Empty Pipes per face



Top Crossover B - On all other pipes



Please Insert Sketches of the Antenna Mount, cont'd

Structural Components

11611 E 51st Ave, Denver, CO 80239
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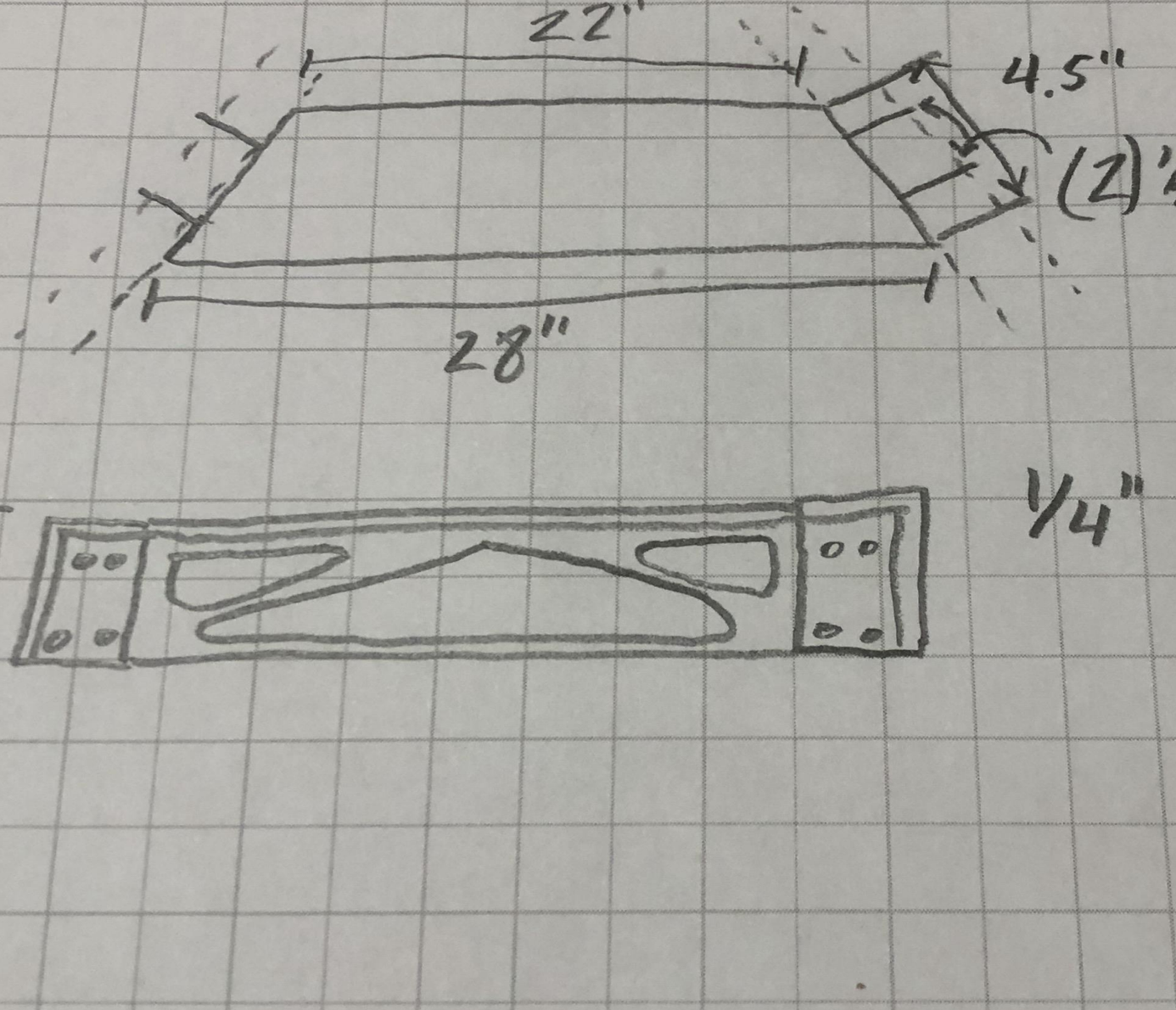
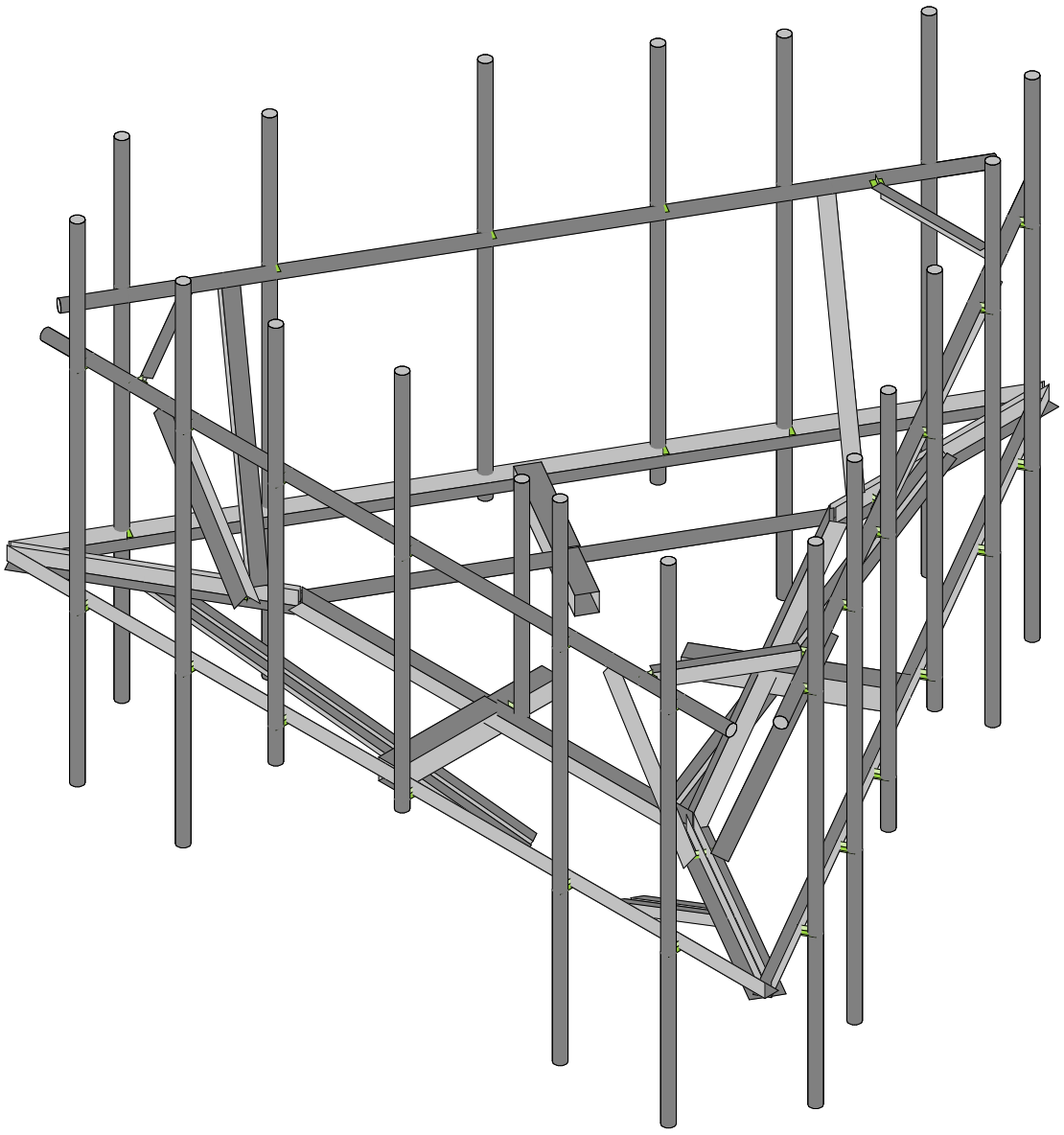
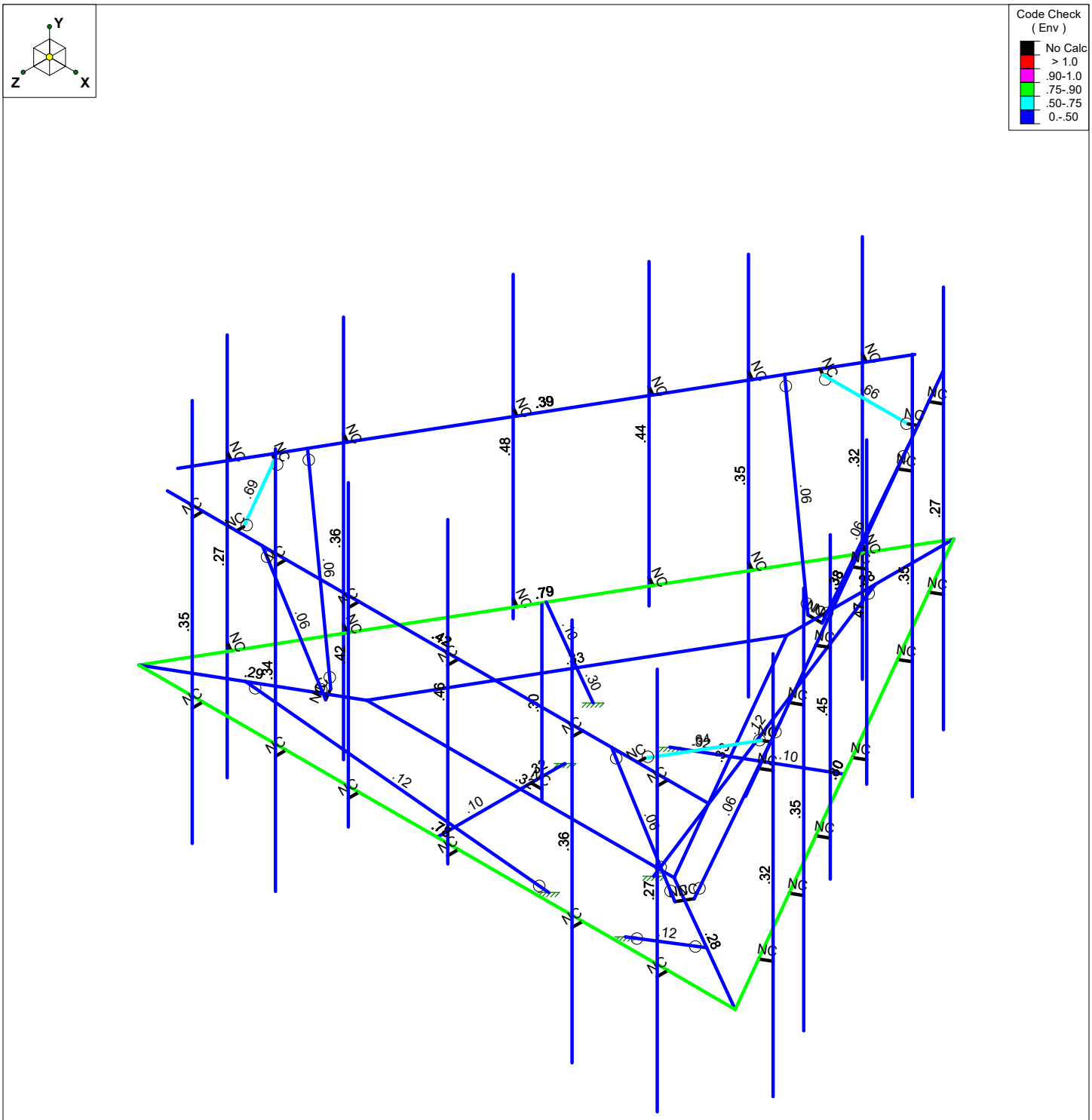
Job#: _____
Title: _____
Page: _____ of
Calc By: _____
Checked By: _____

Handrail Corner Brackets



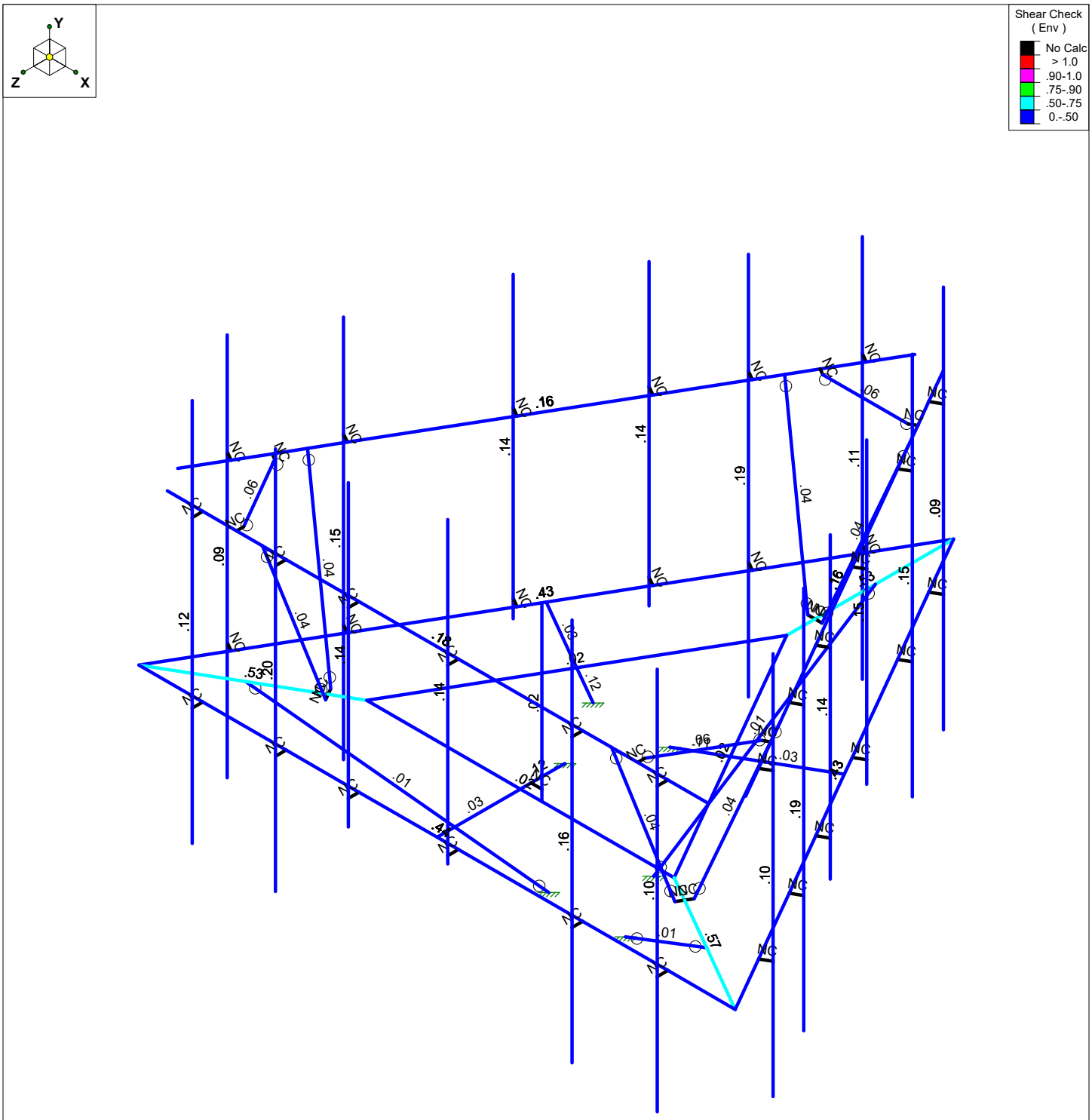


		SK - 1
CH		July 5, 2023 at 1:47 PM
		5000381961-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Results for LC 1, 1.2D+1.0Wo (0 Deg)

		SK - 2
CH		July 5, 2023 at 1:47 PM
		5000381961-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Results for LC 1, 1.2D+1.0Wo (0 Deg)

		SK - 3
CH		July 5, 2023 at 1:47 PM
		5000381961-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
1	Antenna D	None					114			
2	Antenna Di	None					114			
3	Antenna Wo (0 Deg)	None					114			
4	Antenna Wo (30 Deg)	None					114			
5	Antenna Wo (60 Deg)	None					114			
6	Antenna Wo (90 Deg)	None					114			
7	Antenna Wo (120 Deg)	None					114			
8	Antenna Wo (150 Deg)	None					114			
9	Antenna Wo (180 Deg)	None					114			
10	Antenna Wo (210 Deg)	None					114			
11	Antenna Wo (240 Deg)	None					114			
12	Antenna Wo (270 Deg)	None					114			
13	Antenna Wo (300 Deg)	None					114			
14	Antenna Wo (330 Deg)	None					114			
15	Antenna Wi (0 Deg)	None					114			
16	Antenna Wi (30 Deg)	None					114			
17	Antenna Wi (60 Deg)	None					114			
18	Antenna Wi (90 Deg)	None					114			
19	Antenna Wi (120 Deg)	None					114			
20	Antenna Wi (150 Deg)	None					114			
21	Antenna Wi (180 Deg)	None					114			
22	Antenna Wi (210 Deg)	None					114			
23	Antenna Wi (240 Deg)	None					114			
24	Antenna Wi (270 Deg)	None					114			
25	Antenna Wi (300 Deg)	None					114			
26	Antenna Wi (330 Deg)	None					114			
27	Antenna Wm (0 Deg)	None					114			
28	Antenna Wm (30 Deg)	None					114			
29	Antenna Wm (60 Deg)	None					114			
30	Antenna Wm (90 Deg)	None					114			
31	Antenna Wm (120 Deg)	None					114			
32	Antenna Wm (150 Deg)	None					114			
33	Antenna Wm (180 Deg)	None					114			
34	Antenna Wm (210 Deg)	None					114			
35	Antenna Wm (240 Deg)	None					114			
36	Antenna Wm (270 Deg)	None					114			
37	Antenna Wm (300 Deg)	None					114			
38	Antenna Wm (330 Deg)	None					114			
39	Structure D	None		-1						
40	Structure Di	None						49		
41	Structure Wo (0 Deg)	None						98		
42	Structure Wo (30 Deg)	None						98		
43	Structure Wo (60 Deg)	None						98		
44	Structure Wo (90 Deg)	None						98		
45	Structure Wo (120 Deg)	None						98		
46	Structure Wo (150 Deg)	None						98		
47	Structure Wo (180 Deg)	None						98		
48	Structure Wo (210 Deg)	None						98		
49	Structure Wo (240 Deg)	None						98		
50	Structure Wo (270 Deg)	None						98		
51	Structure Wo (300 Deg)	None						98		
52	Structure Wo (330 Deg)	None						98		
53	Structure Wi (0 Deg)	None						98		
54	Structure Wi (30 Deg)	None						98		
55	Structure Wi (60 Deg)	None						98		
56	Structure Wi (90 Deg)	None						98		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
57	Structure Wi (120 Deg)	None						98		
58	Structure Wi (150 Deg)	None						98		
59	Structure Wi (180 Deg)	None						98		
60	Structure Wi (210 Deg)	None						98		
61	Structure Wi (240 Deg)	None						98		
62	Structure Wi (270 Deg)	None						98		
63	Structure Wi (300 Deg)	None						98		
64	Structure Wi (330 Deg)	None						98		
65	Structure Wm (0 Deg)	None						98		
66	Structure Wm (30 Deg)	None						98		
67	Structure Wm (60 Deg)	None						98		
68	Structure Wm (90 Deg)	None						98		
69	Structure Wm (120 Deg)	None						98		
70	Structure Wm (150 Deg)	None						98		
71	Structure Wm (180 Deg)	None						98		
72	Structure Wm (210 Deg)	None						98		
73	Structure Wm (240 Deg)	None						98		
74	Structure Wm (270 Deg)	None						98		
75	Structure Wm (300 Deg)	None						98		
76	Structure Wm (330 Deg)	None						98		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					114			
82	Antenna Eh (0 Deg)	None					76			
83	Antenna Eh (90 Deg)	None					76			
84	Structure Ev	ELY		-.041						
85	Structure Eh (0 Deg)	ELZ			-.102					
86	Structure Eh (90 Deg)	ELX	.102							

Load Combinations

	Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0Wo (30 D...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0Wo (60 D...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0Wo (90 D...	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0Wo (120 ...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (150 ...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (180 ...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (210 ...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (240 ...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (270 ...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (300 ...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (330 ...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								

Load Combinations (Continued)

	Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
23	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		E...	1	E...					
53	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	E...	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	E...	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	E...		E...	1				
56	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	E...	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.8...	83	.5	E...	-.8...	E...	.5				
58	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		E...	-1	E...					
59	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
60	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
61	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	E...		E...	-1				
62	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.8...	E...	.5	E...	-.8...				
63	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	E...	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		E...	1	E...					
65	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	E...	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	E...	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	E...		E...	1				
68	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	E...	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.8...	83	.5	E...	-.8...	E...	.5				
70	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		E...	-1	E...					
71	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
72	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
73	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	E...		E...	-1				
74	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.8...	E...	.5	E...	-.8...				
75	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-.5	E...	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N85	35.017825	0	-2.961159	0	
2	N86	28.017825	0	-2.961159	0	
3	N87	42.017825	0	-2.961159	0	
4	N88	35.017825	0	-4.919492	0	
5	N89	35.017825	0	-5.961159	0	
6	N90	35.017825	0	-7.002825	0	
7	N92	35.018011	0	-15.085836	0	
8	N94	38.626073	0	-4.919492	0	
9	N96	35.017921	0	-11.169326	0	
10	N99	31.409482	0	-4.919658	0	
11	N95	38.517872	0	-9.023578	0	
12	N96A	36.821973	0	-8.04445	0	
13	N97	35.919935	0	-7.523659	0	
14	N99B	31.517918	0	-9.023497	0	
15	N100	33.213677	0	-8.04445	0	
16	N101	34.115715	0	-7.523659	0	
17	N103	35.017825	3.875	-2.961159	0	
18	N104	28.684492	3.875	-2.961159	0	
19	N105	41.351159	3.875	-2.961159	0	
20	N105B	41.684678	3.875	-3.538831	0	
21	N106	35.351345	3.875	-14.508486	0	
22	N108A	34.684306	3.875	-14.508486	0	
23	N109A	28.350973	3.875	-3.538831	0	
24	N108B	39.726159	3.875	-2.961159	0	
25	N109B	30.309492	3.875	-2.961159	0	
26	N111	36.163845	3.875	-13.101195	0	
27	N112A	40.872178	3.875	-4.946122	0	
28	N114B	29.163473	3.875	-4.946122	0	
29	N115A	33.871806	3.875	-13.101195	0	
30	N114C	39.726159	3.875	-3.127825	0	
31	N115B	30.309492	3.875	-3.127825	0	
32	N119	36.019507	3.875	-13.017861	0	
33	N120	40.72784	3.875	-4.862789	0	
34	N124	29.30781	3.875	-4.862789	0	
35	N125	34.016143	3.875	-13.017861	0	
36	N120A	40.434492	0	-2.961159	0	
37	N121	40.434492	3.875	-2.961159	0	
38	N122	40.434492	0	-2.711159	0	
39	N123	40.434492	3.875	-2.711159	0	
40	N124A	40.434492	6.25	-2.711159	0	
41	N125A	40.434492	-2.75	-2.711159	0	
42	N126	38.434492	0	-2.961159	0	
43	N127	38.434492	3.875	-2.961159	0	
44	N128	38.434492	0	-2.711159	0	
45	N129	38.434492	3.875	-2.711159	0	
46	N130	38.434492	6.25	-2.711159	0	
47	N131	38.434492	-2.75	-2.711159	0	
48	N132	35.517825	0	-2.961159	0	
49	N133	35.517825	3.875	-2.961159	0	
50	N134	35.517825	0	-2.711159	0	
51	N135	35.517825	3.875	-2.711159	0	
52	N136	35.517825	6.833333	-2.711159	0	
53	N137	35.517825	-0.166667	-2.711159	0	
54	N138	33.184492	0	-2.961159	0	
55	N139	33.184492	3.875	-2.961159	0	
56	N140	33.184492	0	-2.711159	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
57	N141	33.184492	3.875	-2.711159	0	
58	N142	33.184492	6.416667	-2.711159	0	
59	N143	33.184492	-0.583333	-2.711159	0	
60	N144	31.476159	0	-2.961159	0	
61	N145	31.476159	3.875	-2.961159	0	
62	N146	31.476159	0	-2.711159	0	
63	N147	31.476159	3.875	-2.711159	0	
64	N148	31.476159	6.25	-2.711159	0	
65	N149	31.476159	-2.75	-2.711159	0	
66	N150	29.517825	0	-2.961159	0	
67	N151	29.517825	3.875	-2.961159	0	
68	N152	29.517825	0	-2.711159	0	
69	N153	29.517825	3.875	-2.711159	0	
70	N154	29.517825	6.25	-2.711159	0	
71	N155	29.517825	-2.75	-2.711159	0	
72	N73	35.809646	0	-13.714611	0	
73	N74	35.809678	3.875	-13.714629	0	
74	N75	36.026184	0	-13.839629	0	
75	N76	36.026184	3.875	-13.839629	0	
76	N77	36.026184	6.25	-13.839629	0	
77	N78	36.026184	-2.75	-13.839629	0	
78	N79	36.809606	0	-11.982537	0	
79	N80	36.809678	3.875	-11.982579	0	
80	N81	37.026184	0	-12.107579	0	
81	N82	37.026184	3.875	-12.107579	0	
82	N83	37.026184	6.25	-12.107579	0	
83	N84	37.026184	-2.75	-12.107579	0	
84	N85A	38.267882	0	-9.456596	0	
85	N86A	38.268011	3.875	-9.456671	0	
86	N87A	38.484518	0	-9.581671	0	
87	N88A	38.484518	3.875	-9.581671	0	
88	N89A	38.484518	6.5	-9.581671	0	
89	N90A	38.484518	-.5	-9.581671	0	
90	N91	39.434502	0	-7.435844	0	
91	N92A	39.434678	3.875	-7.435945	0	
92	N93	39.651184	0	-7.560945	0	
93	N94A	39.651184	3.875	-7.560945	0	
94	N95A	39.651184	6.166667	-7.560945	0	
95	N96B	39.651184	-0.833333	-7.560945	0	
96	N97A	40.288634	0	-5.956364	0	
97	N98	40.288845	3.875	-5.956485	0	
98	N99A	40.505351	0	-6.081485	0	
99	N100A	40.505351	3.875	-6.081485	0	
100	N101A	40.505351	6.25	-6.081485	0	
101	N102	40.505351	-2.75	-6.081485	0	
102	N103A	41.267762	0	-4.260375	0	
103	N104A	41.268011	3.875	-4.260519	0	
104	N105A	41.484518	0	-4.385519	0	
105	N106A	41.484518	3.875	-4.385519	0	
106	N107	41.484518	6.25	-4.385519	0	
107	N108	41.484518	-2.75	-4.385519	0	
108	N110	28.809585	0	-4.332526	0	
109	N111A	28.809306	3.875	-4.332688	0	
110	N112	28.592799	0	-4.457688	0	
111	N113	28.592799	3.875	-4.457688	0	
112	N114	28.592799	6.25	-4.457688	0	
113	N115	28.592799	-2.75	-4.457688	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
114	N116	29.809585	0	-6.064577	0	
115	N117	29.809306	3.875	-6.064738	0	
116	N118	29.592799	0	-6.189738	0	
117	N119A	29.592799	3.875	-6.189738	0	
118	N120B	29.592799	6.25	-6.189738	0	
119	N121A	29.592799	-2.75	-6.189738	0	
120	N122A	31.267918	0	-8.590485	0	
121	N123A	31.267639	3.875	-8.590646	0	
122	N124B	31.051133	0	-8.715646	0	
123	N125B	31.051133	3.875	-8.715646	0	
124	N126A	31.051133	6.583333	-8.715646	0	
125	N127A	31.051133	-0.416667	-8.715646	0	
126	N128A	32.434585	0	-10.611211	0	
127	N129A	32.434306	3.875	-10.611372	0	
128	N130A	32.217799	0	-10.736372	0	
129	N131A	32.217799	3.875	-10.736372	0	
130	N132A	32.217799	6.416667	-10.736372	0	
131	N133A	32.217799	-0.583333	-10.736372	0	
132	N134A	33.288752	0	-12.090671	0	
133	N135A	33.288473	3.875	-12.090832	0	
134	N136A	33.071966	0	-12.215832	0	
135	N137A	33.071966	3.875	-12.215832	0	
136	N138A	33.071966	6.25	-12.215832	0	
137	N139A	33.071966	-2.75	-12.215832	0	
138	N140A	34.267918	0	-13.786637	0	
139	N141A	34.267639	3.875	-13.786798	0	
140	N142A	34.051133	0	-13.911798	0	
141	N143A	34.051133	3.875	-13.911798	0	
142	N144A	34.051133	6.25	-13.911798	0	
143	N145A	34.051133	-2.75	-13.911798	0	
144	N144B	35.017825	0	-5.169492	0	
145	N145B	35.267825	0	-5.169492	0	
146	N146A	35.267825	-.25	-5.169492	0	
147	N147A	35.267825	3.75	-5.169492	0	
148	N148A	35.018011	0	-13.252503	0	
149	N150A	35.017825	-3.333333	-8.044492	0	
150	N151A	29.605352	0	-3.878147	0	
151	N152A	34.115715	-3.333333	-6.481992	0	
152	N154A	40.430112	0	-3.877825	0	
153	N155A	35.919935	-3.333333	-6.481992	0	
154	N154B	39.117505	3.875	-2.961159	0	
155	N155B	39.200838	0	-4.587647	0	
156	N156	35.017944	0	-11.833015	0	
157	N157	35.184611	0	-11.833015	0	
158	N158	34.851277	0	-11.833015	0	
159	N159	30.834718	0	-4.587838	0	
160	N160	30.751385	0	-4.732176	0	
161	N161	30.918051	0	-4.443501	0	
162	N163	39.117505	0	-4.443309	0	
163	N164	39.284171	0	-4.731984	0	
164	N164A	30.918051	3.875	-2.961159	0	
165	N165	36.468191	3.875	-12.57409	0	
166	N168	40.567918	3.875	-5.473156	0	
167	N169	29.467805	3.875	-5.473251	0	
168	N172	33.567531	3.875	-12.574186	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
2	Outer Standoff	HSS4.5X4.5X5	Beam	SquareTube	A500 Gr. B 46	Typical	4.68	13.5	13.5	22.3
3	Inner Standoff	HSS4X4X5	Beam	SquareTube	A500 Gr. B 46	Typical	4.1	9.14	9.14	15.3
4	Mount Pipe	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
5	Support Rail	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
6	Grating Support	LL3x3x4x0	Beam	Double Angl...	A36 Gr.36	Typical	2.88	4.5	2.46	.063
7	Conner Connection	L3X2X3	Beam	Single Angle	A36 Gr.36	Typical	.917	.305	.847	.012
8	Kicker	LL2.5x2.5x3x3	Beam	Double Angl...	A36 Gr.36	Typical	1.8	2.46	1.07	.023
9	Plaform Bracing	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M34A	N87	N86			Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
2	M35A	N92	N87			Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
3	M36A	N86	N92			Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
4	M37	N94	N99		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
5	M38A	N87	N94		180	Grating Support	Beam	Double Angle ...	A36 Gr.36	Typical
6	M39A	N92	N96		180	Grating Support	Beam	Double Angle ...	A36 Gr.36	Typical
7	M40	N86	N99		180	Grating Support	Beam	Double Angle ...	A36 Gr.36	Typical
8	M41	N96	N94		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
9	M42	N99	N96		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
10	M43	N85	N88			Outer Standoff	Beam	SquareTube	A500 Gr. ...	Typical
11	M44	N88	N89			Inner Standoff	Beam	SquareTube	A500 Gr. ...	Typical
12	M45	N95	N96A			Outer Standoff	Beam	SquareTube	A500 Gr. ...	Typical
13	M46	N96A	N97			Inner Standoff	Beam	SquareTube	A500 Gr. ...	Typical
14	M47	N99B	N100			Outer Standoff	Beam	SquareTube	A500 Gr. ...	Typical
15	M48	N100	N101			Inner Standoff	Beam	SquareTube	A500 Gr. ...	Typical
16	M49	N105	N104			Support Rail	Beam	Pipe	A53 Gr. B	Typical
17	M50	N106	N105B			Support Rail	Beam	Pipe	A53 Gr. B	Typical
18	M51	N109A	N108A			Support Rail	Beam	Pipe	A53 Gr. B	Typical
19	M52	N114C	N108B			RIGID	None	None	RIGID	Typical
20	M53	N115B	N109B			RIGID	None	None	RIGID	Typical
21	M54	N119	N111			RIGID	None	None	RIGID	Typical
22	M55	N120	N112A			RIGID	None	None	RIGID	Typical
23	M56	N124	N114B			RIGID	None	None	RIGID	Typical
24	M57	N125	N115A			RIGID	None	None	RIGID	Typical
25	M58A	N119	N125		180	Conner Connection	Beam	Single Angle	A36 Gr.36	Typical
26	M59A	N124	N115B		180	Conner Connection	Beam	Single Angle	A36 Gr.36	Typical
27	M60A	N114C	N120		180	Conner Connection	Beam	Single Angle	A36 Gr.36	Typical
28	M61A	N123	N121			RIGID	None	None	RIGID	Typical
29	M62A	N122	N120A			RIGID	None	None	RIGID	Typical
30	MP1A	N124A	N125A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
31	M64	N129	N127			RIGID	None	None	RIGID	Typical
32	M65	N128	N126			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
33	MP2A	N130	N131			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
34	M67	N135	N133			RIGID	None	None	RIGID	Typical
35	M68	N134	N132			RIGID	None	None	RIGID	Typical
36	MP3A	N136	N137			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
37	M70	N141	N139			RIGID	None	None	RIGID	Typical
38	M71	N140	N138			RIGID	None	None	RIGID	Typical
39	M72	N142	N143			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
40	M73	N147	N145			RIGID	None	None	RIGID	Typical
41	M74	N146	N144			RIGID	None	None	RIGID	Typical
42	MP4A	N148	N149			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
43	M76	N153	N151			RIGID	None	None	RIGID	Typical
44	M77	N152	N150			RIGID	None	None	RIGID	Typical
45	MP5A	N154	N155			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
46	M46A	N76	N74			RIGID	None	None	RIGID	Typical
47	M47A	N75	N73			RIGID	None	None	RIGID	Typical
48	MP1C	N77	N78			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
49	M49A	N82	N80			RIGID	None	None	RIGID	Typical
50	M50A	N81	N79			RIGID	None	None	RIGID	Typical
51	MP2C	N83	N84			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
52	M52A	N88A	N86A			RIGID	None	None	RIGID	Typical
53	M53A	N87A	N85A			RIGID	None	None	RIGID	Typical
54	MP3C	N89A	N90A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
55	M55A	N94A	N92A			RIGID	None	None	RIGID	Typical
56	M56A	N93	N91			RIGID	None	None	RIGID	Typical
57	M57A	N95A	N96B			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
58	M58	N100A	N98			RIGID	None	None	RIGID	Typical
59	M59	N99A	N97A			RIGID	None	None	RIGID	Typical
60	MP4C	N101A	N102			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
61	M61	N106A	N104A			RIGID	None	None	RIGID	Typical
62	M62	N105A	N103A			RIGID	None	None	RIGID	Typical
63	MP5C	N107	N108			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
64	M64A	N113	N111A			RIGID	None	None	RIGID	Typical
65	M65A	N112	N110			RIGID	None	None	RIGID	Typical
66	MP1B	N114	N115			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
67	M67A	N119A	N117			RIGID	None	None	RIGID	Typical
68	M68A	N118	N116			RIGID	None	None	RIGID	Typical
69	MP2B	N120B	N121A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
70	M70A	N125B	N123A			RIGID	None	None	RIGID	Typical
71	M71A	N124B	N122A			RIGID	None	None	RIGID	Typical
72	MP3B	N126A	N127A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
73	M73A	N131A	N129A			RIGID	None	None	RIGID	Typical
74	M74A	N130A	N128A			RIGID	None	None	RIGID	Typical
75	M75A	N132A	N133A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
76	M76A	N137A	N135A			RIGID	None	None	RIGID	Typical
77	M77A	N136A	N134A			RIGID	None	None	RIGID	Typical
78	MP4B	N138A	N139A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
79	M79	N143A	N141A			RIGID	None	None	RIGID	Typical
80	M80	N142A	N140A			RIGID	None	None	RIGID	Typical
81	MP5B	N144A	N145A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
82	M82	N147A	N146A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
83	M83	N144B	N145B			RIGID	None	None	RIGID	Typical
84	M84	N148A	N150A			Kicker	Beam	Double Angle ...	A36 Gr.36	Typical
85	M85	N151A	N152A			Kicker	Beam	Double Angle ...	A36 Gr.36	Typical
86	M86	N154A	N155A			Kicker	Beam	Double Angle ...	A36 Gr.36	Typical
87	M87	N154B	N163		180	Plaform Bracing	Beam	Single Angle	A36 Gr.36	Typical
88	M88	N158	N156			RIGID	None	None	RIGID	Typical
89	M89	N157	N156			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
90	M90	N161	N159			RIGID	None	None	RIGID	Typical
91	M91	N160	N159			RIGID	None	None	RIGID	Typical
92	M92	N164	N155B			RIGID	None	None	RIGID	Typical
93	M93	N163	N155B			RIGID	None	None	RIGID	Typical
94	M94	N164A	N161		90	Plaform Bracing	Beam	Single Angle	A36 Gr.36	Typical
95	M95	N165	N157		180	Plaform Bracing	Beam	Single Angle	A36 Gr.36	Typical
96	M96	N168	N164		90	Plaform Bracing	Beam	Single Angle	A36 Gr.36	Typical
97	M97	N169	N160		180	Plaform Bracing	Beam	Single Angle	A36 Gr.36	Typical
98	M98	N172	N158		90	Plaform Bracing	Beam	Single Angle	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
1	M34A						Yes				None
2	M35A						Yes				None
3	M36A						Yes				None
4	M37						Yes				None
5	M38A						Yes				None
6	M39A						Yes				None
7	M40						Yes				None
8	M41						Yes				None
9	M42						Yes				None
10	M43						Yes				None
11	M44						Yes				None
12	M45						Yes				None
13	M46						Yes				None
14	M47						Yes				None
15	M48						Yes				None
16	M49						Yes				None
17	M50						Yes				None
18	M51						Yes	Default			None
19	M52		OOOOOO				Yes	** NA **			None
20	M53		OOOOOO				Yes	** NA **			None
21	M54		OOOOOO				Yes	** NA **			None
22	M55		OOOOOO				Yes	** NA **			None
23	M56		OOOOOO				Yes	** NA **			None
24	M57		OOOOOO				Yes	** NA **			None
25	M58A						Yes				None
26	M59A						Yes				None
27	M60A						Yes				None
28	M61A						Yes	** NA **			None
29	M62A						Yes	** NA **			None
30	MP1A						Yes				None
31	M64						Yes	** NA **			None
32	M65						Yes	** NA **			None
33	MP2A						Yes				None
34	M67						Yes	** NA **			None
35	M68						Yes	** NA **			None
36	MP3A						Yes				None
37	M70						Yes	** NA **			None
38	M71						Yes	** NA **			None
39	M72						Yes				None
40	M73						Yes	** NA **			None
41	M74						Yes	** NA **			None
42	MP4A						Yes				None
43	M76						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
44	M77						Yes	** NA **			None
45	MP5A						Yes				None
46	M46A						Yes	** NA **			None
47	M47A						Yes	** NA **			None
48	MP1C						Yes				None
49	M49A						Yes	** NA **			None
50	M50A						Yes	** NA **			None
51	MP2C						Yes				None
52	M52A						Yes	** NA **			None
53	M53A						Yes	** NA **			None
54	MP3C						Yes				None
55	M55A						Yes	** NA **			None
56	M56A						Yes	** NA **			None
57	M57A						Yes				None
58	M58						Yes	** NA **			None
59	M59						Yes	** NA **			None
60	MP4C						Yes				None
61	M61						Yes	** NA **			None
62	M62						Yes	** NA **			None
63	MP5C						Yes				None
64	M64A						Yes	** NA **			None
65	M65A						Yes	** NA **			None
66	MP1B						Yes				None
67	M67A						Yes	** NA **			None
68	M68A						Yes	** NA **			None
69	MP2B						Yes				None
70	M70A						Yes	** NA **			None
71	M71A						Yes	** NA **			None
72	MP3B						Yes				None
73	M73A						Yes	** NA **			None
74	M74A						Yes	** NA **			None
75	M75A						Yes				None
76	M76A						Yes	** NA **			None
77	M77A						Yes	** NA **			None
78	MP4B						Yes				None
79	M79						Yes	** NA **			None
80	M80						Yes	** NA **			None
81	MP5B						Yes				None
82	M82						Yes				None
83	M83						Yes	** NA **			None
84	M84	OOOOOX	OOOOOX				Yes	Default			None
85	M85	OOOOOX	OOOOOX				Yes	Default			None
86	M86	OOOOOX	OOOOOX				Yes	Default			None
87	M87	BenPIN	BenPIN				Yes				None
88	M88						Yes	** NA **			None
89	M89						Yes	** NA **			None
90	M90						Yes	** NA **			None
91	M91						Yes	** NA **			None
92	M92						Yes	** NA **			None
93	M93						Yes	** NA **			None
94	M94	BenPIN	BenPIN				Yes				None
95	M95	BenPIN	BenPIN				Yes				None
96	M96	BenPIN	BenPIN				Yes				None
97	M97	BenPIN	BenPIN				Yes				None
98	M98	BenPIN	BenPIN				Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	Y	-17.6	6.5
2	MP4C	My	-.01	6.5
3	MP4C	Mz	-.01	6.5
4	MP1A	Y	-11.6	4.5
5	MP1A	My	-.006	4.5
6	MP1A	Mz	0	4.5
7	MP1A	Y	-11.6	5.5
8	MP1A	My	-.006	5.5
9	MP1A	Mz	0	5.5
10	MP1B	Y	-11.6	4.5
11	MP1B	My	.002	4.5
12	MP1B	Mz	-.005	4.5
13	MP1B	Y	-11.6	5.5
14	MP1B	My	.002	5.5
15	MP1B	Mz	-.005	5.5
16	MP1C	Y	-11.6	4.5
17	MP1C	My	.004	4.5
18	MP1C	Mz	.004	4.5
19	MP1C	Y	-11.6	5.5
20	MP1C	My	.004	5.5
21	MP1C	Mz	.004	5.5
22	MP1A	Y	-43.55	1
23	MP1A	My	-.022	1
24	MP1A	Mz	0	1
25	MP1A	Y	-43.55	3
26	MP1A	My	-.022	3
27	MP1A	Mz	0	3
28	MP1B	Y	-43.55	1
29	MP1B	My	.007	1
30	MP1B	Mz	-.02	1
31	MP1B	Y	-43.55	3
32	MP1B	My	.007	3
33	MP1B	Mz	-.02	3
34	MP1C	Y	-43.55	1
35	MP1C	My	.015	1
36	MP1C	Mz	.015	1
37	MP1C	Y	-43.55	3
38	MP1C	My	.015	3
39	MP1C	Mz	.015	3
40	MP5A	Y	-13.9	.5
41	MP5A	My	-.007	.5
42	MP5A	Mz	0	.5
43	MP5A	Y	-13.9	3.5
44	MP5A	My	-.007	3.5
45	MP5A	Mz	0	3.5
46	MP5B	Y	-13.9	.5
47	MP5B	My	.002	.5
48	MP5B	Mz	-.007	.5
49	MP5B	Y	-13.9	3.5
50	MP5B	My	.002	3.5
51	MP5B	Mz	-.007	3.5
52	MP5C	Y	-13.9	.5
53	MP5C	My	.005	.5
54	MP5C	Mz	.005	.5
55	MP5C	Y	-13.9	3.5
56	MP5C	My	.005	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
57	MP5C	Mz	.005	3.5
58	MP3A	Y	-39.15	2
59	MP3A	My	-.02	2
60	MP3A	Mz	0	2
61	MP3A	Y	-39.15	5.5
62	MP3A	My	-.02	5.5
63	MP3A	Mz	0	5.5
64	MP3B	Y	-39.15	2
65	MP3B	My	.007	2
66	MP3B	Mz	-.018	2
67	MP3B	Y	-39.15	5.5
68	MP3B	My	.007	5.5
69	MP3B	Mz	-.018	5.5
70	MP3C	Y	-39.15	2
71	MP3C	My	.014	2
72	MP3C	Mz	.014	2
73	MP3C	Y	-39.15	5.5
74	MP3C	My	.014	5.5
75	MP3C	Mz	.014	5.5
76	MP4A	Y	-39.15	2
77	MP4A	My	-.02	2
78	MP4A	Mz	0	2
79	MP4A	Y	-39.15	5.5
80	MP4A	My	-.02	5.5
81	MP4A	Mz	0	5.5
82	MP4B	Y	-39.15	2
83	MP4B	My	.007	2
84	MP4B	Mz	-.018	2
85	MP4B	Y	-39.15	5.5
86	MP4B	My	.007	5.5
87	MP4B	Mz	-.018	5.5
88	MP4C	Y	-39.15	2
89	MP4C	My	.014	2
90	MP4C	Mz	.014	2
91	MP4C	Y	-39.15	5.5
92	MP4C	My	.014	5.5
93	MP4C	Mz	.014	5.5
94	MP2A	Y	-84.4	4
95	MP2A	My	.042	4
96	MP2A	Mz	0	4
97	MP2B	Y	-84.4	4
98	MP2B	My	-.014	4
99	MP2B	Mz	.04	4
100	MP2C	Y	-84.4	4
101	MP2C	My	-.03	4
102	MP2C	Mz	-.03	4
103	MP4A	Y	-70.3	4
104	MP4A	My	.035	4
105	MP4A	Mz	0	4
106	MP4B	Y	-70.3	4
107	MP4B	My	-.012	4
108	MP4B	Mz	.033	4
109	MP4C	Y	-70.3	4
110	MP4C	My	-.025	4
111	MP4C	Mz	-.025	4
112	M82	Y	-18.9	1
113	M82	My	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
114	M82	Mz	0	1

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	Y	-28.202	6.5
2	MP4C	My	-.017	6.5
3	MP4C	Mz	-.017	6.5
4	MP1A	Y	-23.706	4.5
5	MP1A	My	-.012	4.5
6	MP1A	Mz	0	4.5
7	MP1A	Y	-23.706	5.5
8	MP1A	My	-.012	5.5
9	MP1A	Mz	0	5.5
10	MP1B	Y	-23.706	4.5
11	MP1B	My	.004	4.5
12	MP1B	Mz	-.011	4.5
13	MP1B	Y	-23.706	5.5
14	MP1B	My	.004	5.5
15	MP1B	Mz	-.011	5.5
16	MP1C	Y	-23.706	4.5
17	MP1C	My	.008	4.5
18	MP1C	Mz	.008	4.5
19	MP1C	Y	-23.706	5.5
20	MP1C	My	.008	5.5
21	MP1C	Mz	.008	5.5
22	MP1A	Y	-55.246	1
23	MP1A	My	-.028	1
24	MP1A	Mz	0	1
25	MP1A	Y	-55.246	3
26	MP1A	My	-.028	3
27	MP1A	Mz	0	3
28	MP1B	Y	-55.246	1
29	MP1B	My	.009	1
30	MP1B	Mz	-.026	1
31	MP1B	Y	-55.246	3
32	MP1B	My	.009	3
33	MP1B	Mz	-.026	3
34	MP1C	Y	-55.246	1
35	MP1C	My	.02	1
36	MP1C	Mz	.02	1
37	MP1C	Y	-55.246	3
38	MP1C	My	.02	3
39	MP1C	Mz	.02	3
40	MP5A	Y	-65.595	.5
41	MP5A	My	-.033	.5
42	MP5A	Mz	0	.5
43	MP5A	Y	-65.595	3.5
44	MP5A	My	-.033	3.5
45	MP5A	Mz	0	3.5
46	MP5B	Y	-65.595	.5
47	MP5B	My	.011	.5
48	MP5B	Mz	-.031	.5
49	MP5B	Y	-65.595	3.5
50	MP5B	My	.011	3.5
51	MP5B	Mz	-.031	3.5
52	MP5C	Y	-65.595	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP5C	My	.023	.5
54	MP5C	Mz	.023	.5
55	MP5C	Y	-65.595	3.5
56	MP5C	My	.023	3.5
57	MP5C	Mz	.023	3.5
58	MP3A	Y	-131.89	2
59	MP3A	My	-.066	2
60	MP3A	Mz	0	2
61	MP3A	Y	-131.89	5.5
62	MP3A	My	-.066	5.5
63	MP3A	Mz	0	5.5
64	MP3B	Y	-131.89	2
65	MP3B	My	.023	2
66	MP3B	Mz	-.062	2
67	MP3B	Y	-131.89	5.5
68	MP3B	My	.023	5.5
69	MP3B	Mz	-.062	5.5
70	MP3C	Y	-131.89	2
71	MP3C	My	.047	2
72	MP3C	Mz	.047	2
73	MP3C	Y	-131.89	5.5
74	MP3C	My	.047	5.5
75	MP3C	Mz	.047	5.5
76	MP4A	Y	-131.89	2
77	MP4A	My	-.066	2
78	MP4A	Mz	0	2
79	MP4A	Y	-131.89	5.5
80	MP4A	My	-.066	5.5
81	MP4A	Mz	0	5.5
82	MP4B	Y	-131.89	2
83	MP4B	My	.023	2
84	MP4B	Mz	-.062	2
85	MP4B	Y	-131.89	5.5
86	MP4B	My	.023	5.5
87	MP4B	Mz	-.062	5.5
88	MP4C	Y	-131.89	2
89	MP4C	My	.047	2
90	MP4C	Mz	.047	2
91	MP4C	Y	-131.89	5.5
92	MP4C	My	.047	5.5
93	MP4C	Mz	.047	5.5
94	MP2A	Y	-70.184	4
95	MP2A	My	.035	4
96	MP2A	Mz	0	4
97	MP2B	Y	-70.184	4
98	MP2B	My	-.012	4
99	MP2B	Mz	.033	4
100	MP2C	Y	-70.184	4
101	MP2C	My	-.025	4
102	MP2C	Mz	-.025	4
103	MP4A	Y	-63.353	4
104	MP4A	My	.032	4
105	MP4A	Mz	0	4
106	MP4B	Y	-63.353	4
107	MP4B	My	-.011	4
108	MP4B	Mz	.03	4
109	MP4C	Y	-63.353	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP4C	My	-.022	4
111	MP4C	Mz	-.022	4
112	M82	Y	-133.906	1
113	M82	My	0	1
114	M82	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	0	6.5
2	MP4C	Z	-24.63	6.5
3	MP4C	Mx	.015	6.5
4	MP1A	X	0	4.5
5	MP1A	Z	-30.119	4.5
6	MP1A	Mx	0	4.5
7	MP1A	X	0	5.5
8	MP1A	Z	-30.119	5.5
9	MP1A	Mx	0	5.5
10	MP1B	X	0	4.5
11	MP1B	Z	-16.643	4.5
12	MP1B	Mx	.008	4.5
13	MP1B	X	0	5.5
14	MP1B	Z	-16.643	5.5
15	MP1B	Mx	.008	5.5
16	MP1C	X	0	4.5
17	MP1C	Z	-22.488	4.5
18	MP1C	Mx	-.008	4.5
19	MP1C	X	0	5.5
20	MP1C	Z	-22.488	5.5
21	MP1C	Mx	-.008	5.5
22	MP1A	X	0	1
23	MP1A	Z	-77.167	1
24	MP1A	Mx	0	1
25	MP1A	X	0	3
26	MP1A	Z	-77.167	3
27	MP1A	Mx	0	3
28	MP1B	X	0	1
29	MP1B	Z	-32.494	1
30	MP1B	Mx	.015	1
31	MP1B	X	0	3
32	MP1B	Z	-32.494	3
33	MP1B	Mx	.015	3
34	MP1C	X	0	1
35	MP1C	Z	-51.871	1
36	MP1C	Mx	-.018	1
37	MP1C	X	0	3
38	MP1C	Z	-51.871	3
39	MP1C	Mx	-.018	3
40	MP5A	X	0	.5
41	MP5A	Z	-100.199	.5
42	MP5A	Mx	0	.5
43	MP5A	X	0	3.5
44	MP5A	Z	-100.199	3.5
45	MP5A	Mx	0	3.5
46	MP5B	X	0	.5
47	MP5B	Z	-69.604	.5
48	MP5B	Mx	.033	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP5B	X	0	3.5
50	MP5B	Z	-69.604	3.5
51	MP5B	Mx	.033	3.5
52	MP5C	X	0	.5
53	MP5C	Z	-82.875	.5
54	MP5C	Mx	-.029	.5
55	MP5C	X	0	3.5
56	MP5C	Z	-82.875	3.5
57	MP5C	Mx	-.029	3.5
58	MP3A	X	0	2
59	MP3A	Z	-241.541	2
60	MP3A	Mx	0	2
61	MP3A	X	0	5.5
62	MP3A	Z	-241.541	5.5
63	MP3A	Mx	0	5.5
64	MP3B	X	0	2
65	MP3B	Z	-128.206	2
66	MP3B	Mx	.06	2
67	MP3B	X	0	5.5
68	MP3B	Z	-128.206	5.5
69	MP3B	Mx	.06	5.5
70	MP3C	X	0	2
71	MP3C	Z	-177.366	2
72	MP3C	Mx	-.063	2
73	MP3C	X	0	5.5
74	MP3C	Z	-177.366	5.5
75	MP3C	Mx	-.063	5.5
76	MP4A	X	0	2
77	MP4A	Z	-241.541	2
78	MP4A	Mx	0	2
79	MP4A	X	0	5.5
80	MP4A	Z	-241.541	5.5
81	MP4A	Mx	0	5.5
82	MP4B	X	0	2
83	MP4B	Z	-128.206	2
84	MP4B	Mx	.06	2
85	MP4B	X	0	5.5
86	MP4B	Z	-128.206	5.5
87	MP4B	Mx	.06	5.5
88	MP4C	X	0	2
89	MP4C	Z	-177.366	2
90	MP4C	Mx	-.063	2
91	MP4C	X	0	5.5
92	MP4C	Z	-177.366	5.5
93	MP4C	Mx	-.063	5.5
94	MP2A	X	0	4
95	MP2A	Z	-61.025	4
96	MP2A	Mx	0	4
97	MP2B	X	0	4
98	MP2B	Z	-43.295	4
99	MP2B	Mx	-.02	4
100	MP2C	X	0	4
101	MP2C	Z	-50.985	4
102	MP2C	Mx	.018	4
103	MP4A	X	0	4
104	MP4A	Z	-61.025	4
105	MP4A	Mx	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP4B	X	0	4
107	MP4B	Z	-36.689	4
108	MP4B	Mx	-.017	4
109	MP4C	X	0	4
110	MP4C	Z	-47.245	4
111	MP4C	Mx	.017	4
112	M82	X	0	1
113	M82	Z	-133.861	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	18.016	6.5
2	MP4C	Z	-31.205	6.5
3	MP4C	Mx	.008	6.5
4	MP1A	X	13.152	4.5
5	MP1A	Z	-22.78	4.5
6	MP1A	Mx	-.007	4.5
7	MP1A	X	13.152	5.5
8	MP1A	Z	-22.78	5.5
9	MP1A	Mx	-.007	5.5
10	MP1B	X	7.659	4.5
11	MP1B	Z	-13.266	4.5
12	MP1B	Mx	.008	4.5
13	MP1B	X	7.659	5.5
14	MP1B	Z	-13.266	5.5
15	MP1B	Mx	.008	5.5
16	MP1C	X	14.548	4.5
17	MP1C	Z	-25.198	4.5
18	MP1C	Mx	-.004	4.5
19	MP1C	X	14.548	5.5
20	MP1C	Z	-25.198	5.5
21	MP1C	Mx	-.004	5.5
22	MP1A	X	32.26	1
23	MP1A	Z	-55.875	1
24	MP1A	Mx	-.016	1
25	MP1A	X	32.26	3
26	MP1A	Z	-55.875	3
27	MP1A	Mx	-.016	3
28	MP1B	X	14.05	1
29	MP1B	Z	-24.336	1
30	MP1B	Mx	.014	1
31	MP1B	X	14.05	3
32	MP1B	Z	-24.336	3
33	MP1B	Mx	.014	3
34	MP1C	X	36.889	1
35	MP1C	Z	-63.894	1
36	MP1C	Mx	-.01	1
37	MP1C	X	36.889	3
38	MP1C	Z	-63.894	3
39	MP1C	Mx	-.01	3
40	MP5A	X	45.768	.5
41	MP5A	Z	-79.273	.5
42	MP5A	Mx	-.023	.5
43	MP5A	X	45.768	3.5
44	MP5A	Z	-79.273	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP5A	Mx	-.023	3.5
46	MP5B	X	33.298	.5
47	MP5B	Z	-57.673	.5
48	MP5B	Mx	.033	.5
49	MP5B	X	33.298	3.5
50	MP5B	Z	-57.673	3.5
51	MP5B	Mx	.033	3.5
52	MP5C	X	48.939	.5
53	MP5C	Z	-84.765	.5
54	MP5C	Mx	-.013	.5
55	MP5C	X	48.939	3.5
56	MP5C	Z	-84.765	3.5
57	MP5C	Mx	-.013	3.5
58	MP3A	X	104.727	2
59	MP3A	Z	-181.392	2
60	MP3A	Mx	-.052	2
61	MP3A	X	104.727	5.5
62	MP3A	Z	-181.392	5.5
63	MP3A	Mx	-.052	5.5
64	MP3B	X	58.531	2
65	MP3B	Z	-101.378	2
66	MP3B	Mx	.058	2
67	MP3B	X	58.531	5.5
68	MP3B	Z	-101.378	5.5
69	MP3B	Mx	.058	5.5
70	MP3C	X	116.472	2
71	MP3C	Z	-201.735	2
72	MP3C	Mx	-.03	2
73	MP3C	X	116.472	5.5
74	MP3C	Z	-201.735	5.5
75	MP3C	Mx	-.03	5.5
76	MP4A	X	104.727	2
77	MP4A	Z	-181.392	2
78	MP4A	Mx	-.052	2
79	MP4A	X	104.727	5.5
80	MP4A	Z	-181.392	5.5
81	MP4A	Mx	-.052	5.5
82	MP4B	X	58.531	2
83	MP4B	Z	-101.378	2
84	MP4B	Mx	.058	2
85	MP4B	X	58.531	5.5
86	MP4B	Z	-101.378	5.5
87	MP4B	Mx	.058	5.5
88	MP4C	X	116.472	2
89	MP4C	Z	-201.735	2
90	MP4C	Mx	-.03	2
91	MP4C	X	116.472	5.5
92	MP4C	Z	-201.735	5.5
93	MP4C	Mx	-.03	5.5
94	MP2A	X	28.003	4
95	MP2A	Z	-48.502	4
96	MP2A	Mx	.014	4
97	MP2B	X	20.776	4
98	MP2B	Z	-35.984	4
99	MP2B	Mx	-.02	4
100	MP2C	X	29.84	4
101	MP2C	Z	-51.684	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP2C	Mx	.008	4
103	MP4A	X	27.068	4
104	MP4A	Z	-46.882	4
105	MP4A	Mx	.014	4
106	MP4B	X	17.148	4
107	MP4B	Z	-29.702	4
108	MP4B	Mx	-.017	4
109	MP4C	X	29.589	4
110	MP4C	Z	-51.25	4
111	MP4C	Mx	.008	4
112	M82	X	43.063	1
113	M82	Z	-74.588	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	31.205	6.5
2	MP4C	Z	-18.016	6.5
3	MP4C	Mx	-.008	6.5
4	MP1A	X	16.171	4.5
5	MP1A	Z	-9.336	4.5
6	MP1A	Mx	-.008	4.5
7	MP1A	X	16.171	5.5
8	MP1A	Z	-9.336	5.5
9	MP1A	Mx	-.008	5.5
10	MP1B	X	18.328	4.5
11	MP1B	Z	-10.582	4.5
12	MP1B	Mx	.008	4.5
13	MP1B	X	18.328	5.5
14	MP1B	Z	-10.582	5.5
15	MP1B	Mx	.008	5.5
16	MP1C	X	25.198	4.5
17	MP1C	Z	-14.548	4.5
18	MP1C	Mx	.004	4.5
19	MP1C	X	25.198	5.5
20	MP1C	Z	-14.548	5.5
21	MP1C	Mx	.004	5.5
22	MP1A	X	33.968	1
23	MP1A	Z	-19.612	1
24	MP1A	Mx	-.017	1
25	MP1A	X	33.968	3
26	MP1A	Z	-19.612	3
27	MP1A	Mx	-.017	3
28	MP1B	X	41.118	1
29	MP1B	Z	-23.739	1
30	MP1B	Mx	.018	1
31	MP1B	X	41.118	3
32	MP1B	Z	-23.739	3
33	MP1B	Mx	.018	3
34	MP1C	X	63.894	1
35	MP1C	Z	-36.889	1
36	MP1C	Mx	.01	1
37	MP1C	X	63.894	3
38	MP1C	Z	-36.889	3
39	MP1C	Mx	.01	3
40	MP5A	X	64.27	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP5A	Z	-37.106	.5
42	MP5A	Mx	-.032	.5
43	MP5A	X	64.27	3.5
44	MP5A	Z	-37.106	3.5
45	MP5A	Mx	-.032	3.5
46	MP5B	X	69.166	.5
47	MP5B	Z	-39.933	.5
48	MP5B	Mx	.031	.5
49	MP5B	X	69.166	3.5
50	MP5B	Z	-39.933	3.5
51	MP5B	Mx	.031	3.5
52	MP5C	X	84.765	.5
53	MP5C	Z	-48.939	.5
54	MP5C	Mx	.013	.5
55	MP5C	X	84.765	3.5
56	MP5C	Z	-48.939	3.5
57	MP5C	Mx	.013	3.5
58	MP3A	X	125.815	2
59	MP3A	Z	-72.639	2
60	MP3A	Mx	-.063	2
61	MP3A	X	125.815	5.5
62	MP3A	Z	-72.639	5.5
63	MP3A	Mx	-.063	5.5
64	MP3B	X	143.953	2
65	MP3B	Z	-83.111	2
66	MP3B	Mx	.064	2
67	MP3B	X	143.953	5.5
68	MP3B	Z	-83.111	5.5
69	MP3B	Mx	.064	5.5
70	MP3C	X	201.735	2
71	MP3C	Z	-116.472	2
72	MP3C	Mx	.03	2
73	MP3C	X	201.735	5.5
74	MP3C	Z	-116.472	5.5
75	MP3C	Mx	.03	5.5
76	MP4A	X	125.815	2
77	MP4A	Z	-72.639	2
78	MP4A	Mx	-.063	2
79	MP4A	X	125.815	5.5
80	MP4A	Z	-72.639	5.5
81	MP4A	Mx	-.063	5.5
82	MP4B	X	143.953	2
83	MP4B	Z	-83.111	2
84	MP4B	Mx	.064	2
85	MP4B	X	143.953	5.5
86	MP4B	Z	-83.111	5.5
87	MP4B	Mx	.064	5.5
88	MP4C	X	201.735	2
89	MP4C	Z	-116.472	2
90	MP4C	Mx	.03	2
91	MP4C	X	201.735	5.5
92	MP4C	Z	-116.472	5.5
93	MP4C	Mx	.03	5.5
94	MP2A	X	39.807	4
95	MP2A	Z	-22.983	4
96	MP2A	Mx	.02	4
97	MP2B	X	42.645	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP2B	Z	-24.621	4
99	MP2B	Mx	-.019	4
100	MP2C	X	51.684	4
101	MP2C	Z	-29.84	4
102	MP2C	Mx	-.008	4
103	MP4A	X	34.949	4
104	MP4A	Z	-20.178	4
105	MP4A	Mx	.017	4
106	MP4B	X	38.843	4
107	MP4B	Z	-22.426	4
108	MP4B	Mx	-.017	4
109	MP4C	X	51.25	4
110	MP4C	Z	-29.589	4
111	MP4C	Mx	-.008	4
112	M82	X	74.588	1
113	M82	Z	-43.063	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	24.63	6.5
2	MP4C	Z	0	6.5
3	MP4C	Mx	-.015	6.5
4	MP1A	X	14.858	4.5
5	MP1A	Z	0	4.5
6	MP1A	Mx	-.007	4.5
7	MP1A	X	14.858	5.5
8	MP1A	Z	0	5.5
9	MP1A	Mx	-.007	5.5
10	MP1B	X	28.334	4.5
11	MP1B	Z	0	4.5
12	MP1B	Mx	.005	4.5
13	MP1B	X	28.334	5.5
14	MP1B	Z	0	5.5
15	MP1B	Mx	.005	5.5
16	MP1C	X	22.488	4.5
17	MP1C	Z	0	4.5
18	MP1C	Mx	.008	4.5
19	MP1C	X	22.488	5.5
20	MP1C	Z	0	5.5
21	MP1C	Mx	.008	5.5
22	MP1A	X	26.575	1
23	MP1A	Z	0	1
24	MP1A	Mx	-.013	1
25	MP1A	X	26.575	3
26	MP1A	Z	0	3
27	MP1A	Mx	-.013	3
28	MP1B	X	71.249	1
29	MP1B	Z	0	1
30	MP1B	Mx	.012	1
31	MP1B	X	71.249	3
32	MP1B	Z	0	3
33	MP1B	Mx	.012	3
34	MP1C	X	51.871	1
35	MP1C	Z	0	1
36	MP1C	Mx	.018	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP1C	X	51.871	3
38	MP1C	Z	0	3
39	MP1C	Mx	.018	3
40	MP5A	X	65.55	.5
41	MP5A	Z	0	.5
42	MP5A	Mx	-.033	.5
43	MP5A	X	65.55	3.5
44	MP5A	Z	0	3.5
45	MP5A	Mx	-.033	3.5
46	MP5B	X	96.146	.5
47	MP5B	Z	0	.5
48	MP5B	Mx	.016	.5
49	MP5B	X	96.146	3.5
50	MP5B	Z	0	3.5
51	MP5B	Mx	.016	3.5
52	MP5C	X	82.875	.5
53	MP5C	Z	0	.5
54	MP5C	Mx	.029	.5
55	MP5C	X	82.875	3.5
56	MP5C	Z	0	3.5
57	MP5C	Mx	.029	3.5
58	MP3A	X	113.192	2
59	MP3A	Z	0	2
60	MP3A	Mx	-.057	2
61	MP3A	X	113.192	5.5
62	MP3A	Z	0	5.5
63	MP3A	Mx	-.057	5.5
64	MP3B	X	226.527	2
65	MP3B	Z	0	2
66	MP3B	Mx	.039	2
67	MP3B	X	226.527	5.5
68	MP3B	Z	0	5.5
69	MP3B	Mx	.039	5.5
70	MP3C	X	177.366	2
71	MP3C	Z	0	2
72	MP3C	Mx	.063	2
73	MP3C	X	177.366	5.5
74	MP3C	Z	0	5.5
75	MP3C	Mx	.063	5.5
76	MP4A	X	113.192	2
77	MP4A	Z	0	2
78	MP4A	Mx	-.057	2
79	MP4A	X	113.192	5.5
80	MP4A	Z	0	5.5
81	MP4A	Mx	-.057	5.5
82	MP4B	X	226.527	2
83	MP4B	Z	0	2
84	MP4B	Mx	.039	2
85	MP4B	X	226.527	5.5
86	MP4B	Z	0	5.5
87	MP4B	Mx	.039	5.5
88	MP4C	X	177.366	2
89	MP4C	Z	0	2
90	MP4C	Mx	.063	2
91	MP4C	X	177.366	5.5
92	MP4C	Z	0	5.5
93	MP4C	Mx	.063	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP2A	X	40.946	4
95	MP2A	Z	0	4
96	MP2A	Mx	.02	4
97	MP2B	X	58.676	4
98	MP2B	Z	0	4
99	MP2B	Mx	-.01	4
100	MP2C	X	50.985	4
101	MP2C	Z	0	4
102	MP2C	Mx	-.018	4
103	MP4A	X	33.465	4
104	MP4A	Z	0	4
105	MP4A	Mx	.017	4
106	MP4B	X	57.801	4
107	MP4B	Z	0	4
108	MP4B	Mx	-.01	4
109	MP4C	X	47.245	4
110	MP4C	Z	0	4
111	MP4C	Mx	-.017	4
112	M82	X	133.861	1
113	M82	Z	0	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	11.456	6.5
2	MP4C	Z	6.614	6.5
3	MP4C	Mx	-.011	6.5
4	MP1A	X	16.171	4.5
5	MP1A	Z	9.336	4.5
6	MP1A	Mx	-.008	4.5
7	MP1A	X	16.171	5.5
8	MP1A	Z	9.336	5.5
9	MP1A	Mx	-.008	5.5
10	MP1B	X	25.685	4.5
11	MP1B	Z	14.829	4.5
12	MP1B	Mx	-.003	4.5
13	MP1B	X	25.685	5.5
14	MP1B	Z	14.829	5.5
15	MP1B	Mx	-.003	5.5
16	MP1C	X	13.752	4.5
17	MP1C	Z	7.94	4.5
18	MP1C	Mx	.008	4.5
19	MP1C	X	13.752	5.5
20	MP1C	Z	7.94	5.5
21	MP1C	Mx	.008	5.5
22	MP1A	X	33.968	1
23	MP1A	Z	19.612	1
24	MP1A	Mx	-.017	1
25	MP1A	X	33.968	3
26	MP1A	Z	19.612	3
27	MP1A	Mx	-.017	3
28	MP1B	X	65.508	1
29	MP1B	Z	37.821	1
30	MP1B	Mx	-.007	1
31	MP1B	X	65.508	3
32	MP1B	Z	37.821	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP1B	Mx	-.007	3
34	MP1C	X	25.95	1
35	MP1C	Z	14.982	1
36	MP1C	Mx	.014	1
37	MP1C	X	25.95	3
38	MP1C	Z	14.982	3
39	MP1C	Mx	.014	3
40	MP5A	X	64.27	.5
41	MP5A	Z	37.106	.5
42	MP5A	Mx	-.032	.5
43	MP5A	X	64.27	3.5
44	MP5A	Z	37.106	3.5
45	MP5A	Mx	-.032	3.5
46	MP5B	X	85.87	.5
47	MP5B	Z	49.577	.5
48	MP5B	Mx	-.009	.5
49	MP5B	X	85.87	3.5
50	MP5B	Z	49.577	3.5
51	MP5B	Mx	-.009	3.5
52	MP5C	X	58.778	.5
53	MP5C	Z	33.936	.5
54	MP5C	Mx	.033	.5
55	MP5C	X	58.778	3.5
56	MP5C	Z	33.936	3.5
57	MP5C	Mx	.033	3.5
58	MP3A	X	125.815	2
59	MP3A	Z	72.639	2
60	MP3A	Mx	-.063	2
61	MP3A	X	125.815	5.5
62	MP3A	Z	72.639	5.5
63	MP3A	Mx	-.063	5.5
64	MP3B	X	205.829	2
65	MP3B	Z	118.835	2
66	MP3B	Mx	-.021	2
67	MP3B	X	205.829	5.5
68	MP3B	Z	118.835	5.5
69	MP3B	Mx	-.021	5.5
70	MP3C	X	105.473	2
71	MP3C	Z	60.895	2
72	MP3C	Mx	.059	2
73	MP3C	X	105.473	5.5
74	MP3C	Z	60.895	5.5
75	MP3C	Mx	.059	5.5
76	MP4A	X	125.815	2
77	MP4A	Z	72.639	2
78	MP4A	Mx	-.063	2
79	MP4A	X	125.815	5.5
80	MP4A	Z	72.639	5.5
81	MP4A	Mx	-.063	5.5
82	MP4B	X	205.829	2
83	MP4B	Z	118.835	2
84	MP4B	Mx	-.021	2
85	MP4B	X	205.829	5.5
86	MP4B	Z	118.835	5.5
87	MP4B	Mx	-.021	5.5
88	MP4C	X	105.473	2
89	MP4C	Z	60.895	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP4C	Mx	.059	2
91	MP4C	X	105.473	5.5
92	MP4C	Z	60.895	5.5
93	MP4C	Mx	.059	5.5
94	MP2A	X	39.807	4
95	MP2A	Z	22.983	4
96	MP2A	Mx	.02	4
97	MP2B	X	52.325	4
98	MP2B	Z	30.21	4
99	MP2B	Mx	.005	4
100	MP2C	X	36.625	4
101	MP2C	Z	21.145	4
102	MP2C	Mx	-.02	4
103	MP4A	X	34.949	4
104	MP4A	Z	20.178	4
105	MP4A	Mx	.017	4
106	MP4B	X	52.13	4
107	MP4B	Z	30.097	4
108	MP4B	Mx	.005	4
109	MP4C	X	30.581	4
110	MP4C	Z	17.656	4
111	MP4C	Mx	-.017	4
112	M82	X	157.267	1
113	M82	Z	90.798	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	6.614	6.5
2	MP4C	Z	11.456	6.5
3	MP4C	Mx	-.011	6.5
4	MP1A	X	13.152	4.5
5	MP1A	Z	22.78	4.5
6	MP1A	Mx	-.007	4.5
7	MP1A	X	13.152	5.5
8	MP1A	Z	22.78	5.5
9	MP1A	Mx	-.007	5.5
10	MP1B	X	11.907	4.5
11	MP1B	Z	20.623	4.5
12	MP1B	Mx	-.008	4.5
13	MP1B	X	11.907	5.5
14	MP1B	Z	20.623	5.5
15	MP1B	Mx	-.008	5.5
16	MP1C	X	7.94	4.5
17	MP1C	Z	13.752	4.5
18	MP1C	Mx	.008	4.5
19	MP1C	X	7.94	5.5
20	MP1C	Z	13.752	5.5
21	MP1C	Mx	.008	5.5
22	MP1A	X	32.26	1
23	MP1A	Z	55.875	1
24	MP1A	Mx	-.016	1
25	MP1A	X	32.26	3
26	MP1A	Z	55.875	3
27	MP1A	Mx	-.016	3
28	MP1B	X	28.132	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP1B	Z	48.726	1
30	MP1B	Mx	-.018	1
31	MP1B	X	28.132	3
32	MP1B	Z	48.726	3
33	MP1B	Mx	-.018	3
34	MP1C	X	14.982	1
35	MP1C	Z	25.95	1
36	MP1C	Mx	.014	1
37	MP1C	X	14.982	3
38	MP1C	Z	25.95	3
39	MP1C	Mx	.014	3
40	MP5A	X	45.768	.5
41	MP5A	Z	79.273	.5
42	MP5A	Mx	-.023	.5
43	MP5A	X	45.768	3.5
44	MP5A	Z	79.273	3.5
45	MP5A	Mx	-.023	3.5
46	MP5B	X	42.942	.5
47	MP5B	Z	74.377	.5
48	MP5B	Mx	-.028	.5
49	MP5B	X	42.942	3.5
50	MP5B	Z	74.377	3.5
51	MP5B	Mx	-.028	3.5
52	MP5C	X	33.936	.5
53	MP5C	Z	58.778	.5
54	MP5C	Mx	.033	.5
55	MP5C	X	33.936	3.5
56	MP5C	Z	58.778	3.5
57	MP5C	Mx	.033	3.5
58	MP3A	X	104.727	2
59	MP3A	Z	181.392	2
60	MP3A	Mx	-.052	2
61	MP3A	X	104.727	5.5
62	MP3A	Z	181.392	5.5
63	MP3A	Mx	-.052	5.5
64	MP3B	X	94.255	2
65	MP3B	Z	163.255	2
66	MP3B	Mx	-.061	2
67	MP3B	X	94.255	5.5
68	MP3B	Z	163.255	5.5
69	MP3B	Mx	-.061	5.5
70	MP3C	X	60.895	2
71	MP3C	Z	105.473	2
72	MP3C	Mx	.059	2
73	MP3C	X	60.895	5.5
74	MP3C	Z	105.473	5.5
75	MP3C	Mx	.059	5.5
76	MP4A	X	104.727	2
77	MP4A	Z	181.392	2
78	MP4A	Mx	-.052	2
79	MP4A	X	104.727	5.5
80	MP4A	Z	181.392	5.5
81	MP4A	Mx	-.052	5.5
82	MP4B	X	94.255	2
83	MP4B	Z	163.255	2
84	MP4B	Mx	-.061	2
85	MP4B	X	94.255	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP4B	Z	163.255	5.5
87	MP4B	Mx	-.061	5.5
88	MP4C	X	60.895	2
89	MP4C	Z	105.473	2
90	MP4C	Mx	.059	2
91	MP4C	X	60.895	5.5
92	MP4C	Z	105.473	5.5
93	MP4C	Mx	.059	5.5
94	MP2A	X	28.003	4
95	MP2A	Z	48.502	4
96	MP2A	Mx	.014	4
97	MP2B	X	26.364	4
98	MP2B	Z	45.664	4
99	MP2B	Mx	.017	4
100	MP2C	X	21.145	4
101	MP2C	Z	36.625	4
102	MP2C	Mx	-.02	4
103	MP4A	X	27.068	4
104	MP4A	Z	46.882	4
105	MP4A	Mx	.014	4
106	MP4B	X	24.819	4
107	MP4B	Z	42.988	4
108	MP4B	Mx	.016	4
109	MP4C	X	17.656	4
110	MP4C	Z	30.581	4
111	MP4C	Mx	-.017	4
112	M82	X	90.798	1
113	M82	Z	157.267	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	0	6.5
2	MP4C	Z	24.63	6.5
3	MP4C	Mx	-.015	6.5
4	MP1A	X	0	4.5
5	MP1A	Z	30.119	4.5
6	MP1A	Mx	0	4.5
7	MP1A	X	0	5.5
8	MP1A	Z	30.119	5.5
9	MP1A	Mx	0	5.5
10	MP1B	X	0	4.5
11	MP1B	Z	16.643	4.5
12	MP1B	Mx	-.008	4.5
13	MP1B	X	0	5.5
14	MP1B	Z	16.643	5.5
15	MP1B	Mx	-.008	5.5
16	MP1C	X	0	4.5
17	MP1C	Z	22.488	4.5
18	MP1C	Mx	.008	4.5
19	MP1C	X	0	5.5
20	MP1C	Z	22.488	5.5
21	MP1C	Mx	.008	5.5
22	MP1A	X	0	1
23	MP1A	Z	77.167	1
24	MP1A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP1A	X	0	3
26	MP1A	Z	77.167	3
27	MP1A	Mx	0	3
28	MP1B	X	0	1
29	MP1B	Z	32.494	1
30	MP1B	Mx	-.015	1
31	MP1B	X	0	3
32	MP1B	Z	32.494	3
33	MP1B	Mx	-.015	3
34	MP1C	X	0	1
35	MP1C	Z	51.871	1
36	MP1C	Mx	.018	1
37	MP1C	X	0	3
38	MP1C	Z	51.871	3
39	MP1C	Mx	.018	3
40	MP5A	X	0	.5
41	MP5A	Z	100.199	.5
42	MP5A	Mx	0	.5
43	MP5A	X	0	3.5
44	MP5A	Z	100.199	3.5
45	MP5A	Mx	0	3.5
46	MP5B	X	0	.5
47	MP5B	Z	69.604	.5
48	MP5B	Mx	-.033	.5
49	MP5B	X	0	3.5
50	MP5B	Z	69.604	3.5
51	MP5B	Mx	-.033	3.5
52	MP5C	X	0	.5
53	MP5C	Z	82.875	.5
54	MP5C	Mx	.029	.5
55	MP5C	X	0	3.5
56	MP5C	Z	82.875	3.5
57	MP5C	Mx	.029	3.5
58	MP3A	X	0	2
59	MP3A	Z	241.541	2
60	MP3A	Mx	0	2
61	MP3A	X	0	5.5
62	MP3A	Z	241.541	5.5
63	MP3A	Mx	0	5.5
64	MP3B	X	0	2
65	MP3B	Z	128.206	2
66	MP3B	Mx	-.06	2
67	MP3B	X	0	5.5
68	MP3B	Z	128.206	5.5
69	MP3B	Mx	-.06	5.5
70	MP3C	X	0	2
71	MP3C	Z	177.366	2
72	MP3C	Mx	.063	2
73	MP3C	X	0	5.5
74	MP3C	Z	177.366	5.5
75	MP3C	Mx	.063	5.5
76	MP4A	X	0	2
77	MP4A	Z	241.541	2
78	MP4A	Mx	0	2
79	MP4A	X	0	5.5
80	MP4A	Z	241.541	5.5
81	MP4A	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP4B	X	0	2
83	MP4B	Z	128.206	2
84	MP4B	Mx	-.06	2
85	MP4B	X	0	5.5
86	MP4B	Z	128.206	5.5
87	MP4B	Mx	-.06	5.5
88	MP4C	X	0	2
89	MP4C	Z	177.366	2
90	MP4C	Mx	.063	2
91	MP4C	X	0	5.5
92	MP4C	Z	177.366	5.5
93	MP4C	Mx	.063	5.5
94	MP2A	X	0	4
95	MP2A	Z	61.025	4
96	MP2A	Mx	0	4
97	MP2B	X	0	4
98	MP2B	Z	43.295	4
99	MP2B	Mx	.02	4
100	MP2C	X	0	4
101	MP2C	Z	50.985	4
102	MP2C	Mx	-.018	4
103	MP4A	X	0	4
104	MP4A	Z	61.025	4
105	MP4A	Mx	0	4
106	MP4B	X	0	4
107	MP4B	Z	36.689	4
108	MP4B	Mx	.017	4
109	MP4C	X	0	4
110	MP4C	Z	47.245	4
111	MP4C	Mx	-.017	4
112	M82	X	0	1
113	M82	Z	133.861	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	-18.016	6.5
2	MP4C	Z	31.205	6.5
3	MP4C	Mx	-.008	6.5
4	MP1A	X	-13.152	4.5
5	MP1A	Z	22.78	4.5
6	MP1A	Mx	.007	4.5
7	MP1A	X	-13.152	5.5
8	MP1A	Z	22.78	5.5
9	MP1A	Mx	.007	5.5
10	MP1B	X	-7.659	4.5
11	MP1B	Z	13.266	4.5
12	MP1B	Mx	-.008	4.5
13	MP1B	X	-7.659	5.5
14	MP1B	Z	13.266	5.5
15	MP1B	Mx	-.008	5.5
16	MP1C	X	-14.548	4.5
17	MP1C	Z	25.198	4.5
18	MP1C	Mx	.004	4.5
19	MP1C	X	-14.548	5.5
20	MP1C	Z	25.198	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP1C	Mx	.004	5.5
22	MP1A	X	-32.26	1
23	MP1A	Z	55.875	1
24	MP1A	Mx	.016	1
25	MP1A	X	-32.26	3
26	MP1A	Z	55.875	3
27	MP1A	Mx	.016	3
28	MP1B	X	-14.05	1
29	MP1B	Z	24.336	1
30	MP1B	Mx	-.014	1
31	MP1B	X	-14.05	3
32	MP1B	Z	24.336	3
33	MP1B	Mx	-.014	3
34	MP1C	X	-36.889	1
35	MP1C	Z	63.894	1
36	MP1C	Mx	.01	1
37	MP1C	X	-36.889	3
38	MP1C	Z	63.894	3
39	MP1C	Mx	.01	3
40	MP5A	X	-45.768	.5
41	MP5A	Z	79.273	.5
42	MP5A	Mx	.023	.5
43	MP5A	X	-45.768	3.5
44	MP5A	Z	79.273	3.5
45	MP5A	Mx	.023	3.5
46	MP5B	X	-33.298	.5
47	MP5B	Z	57.673	.5
48	MP5B	Mx	-.033	.5
49	MP5B	X	-33.298	3.5
50	MP5B	Z	57.673	3.5
51	MP5B	Mx	-.033	3.5
52	MP5C	X	-48.939	.5
53	MP5C	Z	84.765	.5
54	MP5C	Mx	.013	.5
55	MP5C	X	-48.939	3.5
56	MP5C	Z	84.765	3.5
57	MP5C	Mx	.013	3.5
58	MP3A	X	-104.727	2
59	MP3A	Z	181.392	2
60	MP3A	Mx	.052	2
61	MP3A	X	-104.727	5.5
62	MP3A	Z	181.392	5.5
63	MP3A	Mx	.052	5.5
64	MP3B	X	-58.531	2
65	MP3B	Z	101.378	2
66	MP3B	Mx	-.058	2
67	MP3B	X	-58.531	5.5
68	MP3B	Z	101.378	5.5
69	MP3B	Mx	-.058	5.5
70	MP3C	X	-116.472	2
71	MP3C	Z	201.735	2
72	MP3C	Mx	.03	2
73	MP3C	X	-116.472	5.5
74	MP3C	Z	201.735	5.5
75	MP3C	Mx	.03	5.5
76	MP4A	X	-104.727	2
77	MP4A	Z	181.392	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP4A	Mx	.052	2
79	MP4A	X	-104.727	5.5
80	MP4A	Z	181.392	5.5
81	MP4A	Mx	.052	5.5
82	MP4B	X	-58.531	2
83	MP4B	Z	101.378	2
84	MP4B	Mx	-.058	2
85	MP4B	X	-58.531	5.5
86	MP4B	Z	101.378	5.5
87	MP4B	Mx	-.058	5.5
88	MP4C	X	-116.472	2
89	MP4C	Z	201.735	2
90	MP4C	Mx	.03	2
91	MP4C	X	-116.472	5.5
92	MP4C	Z	201.735	5.5
93	MP4C	Mx	.03	5.5
94	MP2A	X	-28.003	4
95	MP2A	Z	48.502	4
96	MP2A	Mx	-.014	4
97	MP2B	X	-20.776	4
98	MP2B	Z	35.984	4
99	MP2B	Mx	.02	4
100	MP2C	X	-29.84	4
101	MP2C	Z	51.684	4
102	MP2C	Mx	-.008	4
103	MP4A	X	-27.068	4
104	MP4A	Z	46.882	4
105	MP4A	Mx	-.014	4
106	MP4B	X	-17.148	4
107	MP4B	Z	29.702	4
108	MP4B	Mx	.017	4
109	MP4C	X	-29.589	4
110	MP4C	Z	51.25	4
111	MP4C	Mx	-.008	4
112	M82	X	-43.063	1
113	M82	Z	74.588	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	-31.205	6.5
2	MP4C	Z	18.016	6.5
3	MP4C	Mx	.008	6.5
4	MP1A	X	-16.171	4.5
5	MP1A	Z	9.336	4.5
6	MP1A	Mx	.008	4.5
7	MP1A	X	-16.171	5.5
8	MP1A	Z	9.336	5.5
9	MP1A	Mx	.008	5.5
10	MP1B	X	-18.328	4.5
11	MP1B	Z	10.582	4.5
12	MP1B	Mx	-.008	4.5
13	MP1B	X	-18.328	5.5
14	MP1B	Z	10.582	5.5
15	MP1B	Mx	-.008	5.5
16	MP1C	X	-25.198	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP1C	Z	14.548	4.5
18	MP1C	Mx	-.004	4.5
19	MP1C	X	-25.198	5.5
20	MP1C	Z	14.548	5.5
21	MP1C	Mx	-.004	5.5
22	MP1A	X	-33.968	1
23	MP1A	Z	19.612	1
24	MP1A	Mx	.017	1
25	MP1A	X	-33.968	3
26	MP1A	Z	19.612	3
27	MP1A	Mx	.017	3
28	MP1B	X	-41.118	1
29	MP1B	Z	23.739	1
30	MP1B	Mx	-.018	1
31	MP1B	X	-41.118	3
32	MP1B	Z	23.739	3
33	MP1B	Mx	-.018	3
34	MP1C	X	-63.894	1
35	MP1C	Z	36.889	1
36	MP1C	Mx	-.01	1
37	MP1C	X	-63.894	3
38	MP1C	Z	36.889	3
39	MP1C	Mx	-.01	3
40	MP5A	X	-64.27	.5
41	MP5A	Z	37.106	.5
42	MP5A	Mx	.032	.5
43	MP5A	X	-64.27	3.5
44	MP5A	Z	37.106	3.5
45	MP5A	Mx	.032	3.5
46	MP5B	X	-69.166	.5
47	MP5B	Z	39.933	.5
48	MP5B	Mx	-.031	.5
49	MP5B	X	-69.166	3.5
50	MP5B	Z	39.933	3.5
51	MP5B	Mx	-.031	3.5
52	MP5C	X	-84.765	.5
53	MP5C	Z	48.939	.5
54	MP5C	Mx	-.013	.5
55	MP5C	X	-84.765	3.5
56	MP5C	Z	48.939	3.5
57	MP5C	Mx	-.013	3.5
58	MP3A	X	-125.815	2
59	MP3A	Z	72.639	2
60	MP3A	Mx	.063	2
61	MP3A	X	-125.815	5.5
62	MP3A	Z	72.639	5.5
63	MP3A	Mx	.063	5.5
64	MP3B	X	-143.953	2
65	MP3B	Z	83.111	2
66	MP3B	Mx	-.064	2
67	MP3B	X	-143.953	5.5
68	MP3B	Z	83.111	5.5
69	MP3B	Mx	-.064	5.5
70	MP3C	X	-201.735	2
71	MP3C	Z	116.472	2
72	MP3C	Mx	-.03	2
73	MP3C	X	-201.735	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3C	Z	116.472	5.5
75	MP3C	Mx	-.03	5.5
76	MP4A	X	-125.815	2
77	MP4A	Z	72.639	2
78	MP4A	Mx	.063	2
79	MP4A	X	-125.815	5.5
80	MP4A	Z	72.639	5.5
81	MP4A	Mx	.063	5.5
82	MP4B	X	-143.953	2
83	MP4B	Z	83.111	2
84	MP4B	Mx	-.064	2
85	MP4B	X	-143.953	5.5
86	MP4B	Z	83.111	5.5
87	MP4B	Mx	-.064	5.5
88	MP4C	X	-201.735	2
89	MP4C	Z	116.472	2
90	MP4C	Mx	-.03	2
91	MP4C	X	-201.735	5.5
92	MP4C	Z	116.472	5.5
93	MP4C	Mx	-.03	5.5
94	MP2A	X	-39.807	4
95	MP2A	Z	22.983	4
96	MP2A	Mx	-.02	4
97	MP2B	X	-42.645	4
98	MP2B	Z	24.621	4
99	MP2B	Mx	.019	4
100	MP2C	X	-51.684	4
101	MP2C	Z	29.84	4
102	MP2C	Mx	.008	4
103	MP4A	X	-34.949	4
104	MP4A	Z	20.178	4
105	MP4A	Mx	-.017	4
106	MP4B	X	-38.843	4
107	MP4B	Z	22.426	4
108	MP4B	Mx	.017	4
109	MP4C	X	-51.25	4
110	MP4C	Z	29.589	4
111	MP4C	Mx	.008	4
112	M82	X	-74.588	1
113	M82	Z	43.063	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	-24.63	6.5
2	MP4C	Z	0	6.5
3	MP4C	Mx	.015	6.5
4	MP1A	X	-14.858	4.5
5	MP1A	Z	0	4.5
6	MP1A	Mx	.007	4.5
7	MP1A	X	-14.858	5.5
8	MP1A	Z	0	5.5
9	MP1A	Mx	.007	5.5
10	MP1B	X	-28.334	4.5
11	MP1B	Z	0	4.5
12	MP1B	Mx	-.005	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP1B	X	-28.334	5.5
14	MP1B	Z	0	5.5
15	MP1B	Mx	-.005	5.5
16	MP1C	X	-22.488	4.5
17	MP1C	Z	0	4.5
18	MP1C	Mx	-.008	4.5
19	MP1C	X	-22.488	5.5
20	MP1C	Z	0	5.5
21	MP1C	Mx	-.008	5.5
22	MP1A	X	-26.575	1
23	MP1A	Z	0	1
24	MP1A	Mx	.013	1
25	MP1A	X	-26.575	3
26	MP1A	Z	0	3
27	MP1A	Mx	.013	3
28	MP1B	X	-71.249	1
29	MP1B	Z	0	1
30	MP1B	Mx	-.012	1
31	MP1B	X	-71.249	3
32	MP1B	Z	0	3
33	MP1B	Mx	-.012	3
34	MP1C	X	-51.871	1
35	MP1C	Z	0	1
36	MP1C	Mx	-.018	1
37	MP1C	X	-51.871	3
38	MP1C	Z	0	3
39	MP1C	Mx	-.018	3
40	MP5A	X	-65.55	.5
41	MP5A	Z	0	.5
42	MP5A	Mx	.033	.5
43	MP5A	X	-65.55	3.5
44	MP5A	Z	0	3.5
45	MP5A	Mx	.033	3.5
46	MP5B	X	-96.146	.5
47	MP5B	Z	0	.5
48	MP5B	Mx	-.016	.5
49	MP5B	X	-96.146	3.5
50	MP5B	Z	0	3.5
51	MP5B	Mx	-.016	3.5
52	MP5C	X	-82.875	.5
53	MP5C	Z	0	.5
54	MP5C	Mx	-.029	.5
55	MP5C	X	-82.875	3.5
56	MP5C	Z	0	3.5
57	MP5C	Mx	-.029	3.5
58	MP3A	X	-113.192	2
59	MP3A	Z	0	2
60	MP3A	Mx	.057	2
61	MP3A	X	-113.192	5.5
62	MP3A	Z	0	5.5
63	MP3A	Mx	.057	5.5
64	MP3B	X	-226.527	2
65	MP3B	Z	0	2
66	MP3B	Mx	-.039	2
67	MP3B	X	-226.527	5.5
68	MP3B	Z	0	5.5
69	MP3B	Mx	-.039	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP3C	X	-177.366	2
71	MP3C	Z	0	2
72	MP3C	Mx	-.063	2
73	MP3C	X	-177.366	5.5
74	MP3C	Z	0	5.5
75	MP3C	Mx	-.063	5.5
76	MP4A	X	-113.192	2
77	MP4A	Z	0	2
78	MP4A	Mx	.057	2
79	MP4A	X	-113.192	5.5
80	MP4A	Z	0	5.5
81	MP4A	Mx	.057	5.5
82	MP4B	X	-226.527	2
83	MP4B	Z	0	2
84	MP4B	Mx	-.039	2
85	MP4B	X	-226.527	5.5
86	MP4B	Z	0	5.5
87	MP4B	Mx	-.039	5.5
88	MP4C	X	-177.366	2
89	MP4C	Z	0	2
90	MP4C	Mx	-.063	2
91	MP4C	X	-177.366	5.5
92	MP4C	Z	0	5.5
93	MP4C	Mx	-.063	5.5
94	MP2A	X	-40.946	4
95	MP2A	Z	0	4
96	MP2A	Mx	-.02	4
97	MP2B	X	-58.676	4
98	MP2B	Z	0	4
99	MP2B	Mx	.01	4
100	MP2C	X	-50.985	4
101	MP2C	Z	0	4
102	MP2C	Mx	.018	4
103	MP4A	X	-33.465	4
104	MP4A	Z	0	4
105	MP4A	Mx	-.017	4
106	MP4B	X	-57.801	4
107	MP4B	Z	0	4
108	MP4B	Mx	.01	4
109	MP4C	X	-47.245	4
110	MP4C	Z	0	4
111	MP4C	Mx	.017	4
112	M82	X	-133.861	1
113	M82	Z	0	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	-11.456	6.5
2	MP4C	Z	-6.614	6.5
3	MP4C	Mx	.011	6.5
4	MP1A	X	-16.171	4.5
5	MP1A	Z	-9.336	4.5
6	MP1A	Mx	.008	4.5
7	MP1A	X	-16.171	5.5
8	MP1A	Z	-9.336	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1A	Mx	.008	5.5
10	MP1B	X	-25.685	4.5
11	MP1B	Z	-14.829	4.5
12	MP1B	Mx	.003	4.5
13	MP1B	X	-25.685	5.5
14	MP1B	Z	-14.829	5.5
15	MP1B	Mx	.003	5.5
16	MP1C	X	-13.752	4.5
17	MP1C	Z	-7.94	4.5
18	MP1C	Mx	-.008	4.5
19	MP1C	X	-13.752	5.5
20	MP1C	Z	-7.94	5.5
21	MP1C	Mx	-.008	5.5
22	MP1A	X	-33.968	1
23	MP1A	Z	-19.612	1
24	MP1A	Mx	.017	1
25	MP1A	X	-33.968	3
26	MP1A	Z	-19.612	3
27	MP1A	Mx	.017	3
28	MP1B	X	-65.508	1
29	MP1B	Z	-37.821	1
30	MP1B	Mx	.007	1
31	MP1B	X	-65.508	3
32	MP1B	Z	-37.821	3
33	MP1B	Mx	.007	3
34	MP1C	X	-25.95	1
35	MP1C	Z	-14.982	1
36	MP1C	Mx	-.014	1
37	MP1C	X	-25.95	3
38	MP1C	Z	-14.982	3
39	MP1C	Mx	-.014	3
40	MP5A	X	-64.27	.5
41	MP5A	Z	-37.106	.5
42	MP5A	Mx	.032	.5
43	MP5A	X	-64.27	3.5
44	MP5A	Z	-37.106	3.5
45	MP5A	Mx	.032	3.5
46	MP5B	X	-85.87	.5
47	MP5B	Z	-49.577	.5
48	MP5B	Mx	.009	.5
49	MP5B	X	-85.87	3.5
50	MP5B	Z	-49.577	3.5
51	MP5B	Mx	.009	3.5
52	MP5C	X	-58.778	.5
53	MP5C	Z	-33.936	.5
54	MP5C	Mx	-.033	.5
55	MP5C	X	-58.778	3.5
56	MP5C	Z	-33.936	3.5
57	MP5C	Mx	-.033	3.5
58	MP3A	X	-125.815	2
59	MP3A	Z	-72.639	2
60	MP3A	Mx	.063	2
61	MP3A	X	-125.815	5.5
62	MP3A	Z	-72.639	5.5
63	MP3A	Mx	.063	5.5
64	MP3B	X	-205.829	2
65	MP3B	Z	-118.835	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3B	Mx	.021	2
67	MP3B	X	-205.829	5.5
68	MP3B	Z	-118.835	5.5
69	MP3B	Mx	.021	5.5
70	MP3C	X	-105.473	2
71	MP3C	Z	-60.895	2
72	MP3C	Mx	-.059	2
73	MP3C	X	-105.473	5.5
74	MP3C	Z	-60.895	5.5
75	MP3C	Mx	-.059	5.5
76	MP4A	X	-125.815	2
77	MP4A	Z	-72.639	2
78	MP4A	Mx	.063	2
79	MP4A	X	-125.815	5.5
80	MP4A	Z	-72.639	5.5
81	MP4A	Mx	.063	5.5
82	MP4B	X	-205.829	2
83	MP4B	Z	-118.835	2
84	MP4B	Mx	.021	2
85	MP4B	X	-205.829	5.5
86	MP4B	Z	-118.835	5.5
87	MP4B	Mx	.021	5.5
88	MP4C	X	-105.473	2
89	MP4C	Z	-60.895	2
90	MP4C	Mx	-.059	2
91	MP4C	X	-105.473	5.5
92	MP4C	Z	-60.895	5.5
93	MP4C	Mx	-.059	5.5
94	MP2A	X	-39.807	4
95	MP2A	Z	-22.983	4
96	MP2A	Mx	-.02	4
97	MP2B	X	-52.325	4
98	MP2B	Z	-30.21	4
99	MP2B	Mx	-.005	4
100	MP2C	X	-36.625	4
101	MP2C	Z	-21.145	4
102	MP2C	Mx	.02	4
103	MP4A	X	-34.949	4
104	MP4A	Z	-20.178	4
105	MP4A	Mx	-.017	4
106	MP4B	X	-52.13	4
107	MP4B	Z	-30.097	4
108	MP4B	Mx	-.005	4
109	MP4C	X	-30.581	4
110	MP4C	Z	-17.656	4
111	MP4C	Mx	.017	4
112	M82	X	-157.267	1
113	M82	Z	-90.798	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	-6.614	6.5
2	MP4C	Z	-11.456	6.5
3	MP4C	Mx	.011	6.5
4	MP1A	X	-13.152	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP1A	Z	-22.78	4.5
6	MP1A	Mx	.007	4.5
7	MP1A	X	-13.152	5.5
8	MP1A	Z	-22.78	5.5
9	MP1A	Mx	.007	5.5
10	MP1B	X	-11.907	4.5
11	MP1B	Z	-20.623	4.5
12	MP1B	Mx	.008	4.5
13	MP1B	X	-11.907	5.5
14	MP1B	Z	-20.623	5.5
15	MP1B	Mx	.008	5.5
16	MP1C	X	-7.94	4.5
17	MP1C	Z	-13.752	4.5
18	MP1C	Mx	-.008	4.5
19	MP1C	X	-7.94	5.5
20	MP1C	Z	-13.752	5.5
21	MP1C	Mx	-.008	5.5
22	MP1A	X	-32.26	1
23	MP1A	Z	-55.875	1
24	MP1A	Mx	.016	1
25	MP1A	X	-32.26	3
26	MP1A	Z	-55.875	3
27	MP1A	Mx	.016	3
28	MP1B	X	-28.132	1
29	MP1B	Z	-48.726	1
30	MP1B	Mx	.018	1
31	MP1B	X	-28.132	3
32	MP1B	Z	-48.726	3
33	MP1B	Mx	.018	3
34	MP1C	X	-14.982	1
35	MP1C	Z	-25.95	1
36	MP1C	Mx	-.014	1
37	MP1C	X	-14.982	3
38	MP1C	Z	-25.95	3
39	MP1C	Mx	-.014	3
40	MP5A	X	-45.768	.5
41	MP5A	Z	-79.273	.5
42	MP5A	Mx	.023	.5
43	MP5A	X	-45.768	3.5
44	MP5A	Z	-79.273	3.5
45	MP5A	Mx	.023	3.5
46	MP5B	X	-42.942	.5
47	MP5B	Z	-74.377	.5
48	MP5B	Mx	.028	.5
49	MP5B	X	-42.942	3.5
50	MP5B	Z	-74.377	3.5
51	MP5B	Mx	.028	3.5
52	MP5C	X	-33.936	.5
53	MP5C	Z	-58.778	.5
54	MP5C	Mx	-.033	.5
55	MP5C	X	-33.936	3.5
56	MP5C	Z	-58.778	3.5
57	MP5C	Mx	-.033	3.5
58	MP3A	X	-104.727	2
59	MP3A	Z	-181.392	2
60	MP3A	Mx	.052	2
61	MP3A	X	-104.727	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3A	Z	-181.392	5.5
63	MP3A	Mx	.052	5.5
64	MP3B	X	-94.255	2
65	MP3B	Z	-163.255	2
66	MP3B	Mx	.061	2
67	MP3B	X	-94.255	5.5
68	MP3B	Z	-163.255	5.5
69	MP3B	Mx	.061	5.5
70	MP3C	X	-60.895	2
71	MP3C	Z	-105.473	2
72	MP3C	Mx	-.059	2
73	MP3C	X	-60.895	5.5
74	MP3C	Z	-105.473	5.5
75	MP3C	Mx	-.059	5.5
76	MP4A	X	-104.727	2
77	MP4A	Z	-181.392	2
78	MP4A	Mx	.052	2
79	MP4A	X	-104.727	5.5
80	MP4A	Z	-181.392	5.5
81	MP4A	Mx	.052	5.5
82	MP4B	X	-94.255	2
83	MP4B	Z	-163.255	2
84	MP4B	Mx	.061	2
85	MP4B	X	-94.255	5.5
86	MP4B	Z	-163.255	5.5
87	MP4B	Mx	.061	5.5
88	MP4C	X	-60.895	2
89	MP4C	Z	-105.473	2
90	MP4C	Mx	-.059	2
91	MP4C	X	-60.895	5.5
92	MP4C	Z	-105.473	5.5
93	MP4C	Mx	-.059	5.5
94	MP2A	X	-28.003	4
95	MP2A	Z	-48.502	4
96	MP2A	Mx	-.014	4
97	MP2B	X	-26.364	4
98	MP2B	Z	-45.664	4
99	MP2B	Mx	-.017	4
100	MP2C	X	-21.145	4
101	MP2C	Z	-36.625	4
102	MP2C	Mx	.02	4
103	MP4A	X	-27.068	4
104	MP4A	Z	-46.882	4
105	MP4A	Mx	-.014	4
106	MP4B	X	-24.819	4
107	MP4B	Z	-42.988	4
108	MP4B	Mx	-.016	4
109	MP4C	X	-17.656	4
110	MP4C	Z	-30.581	4
111	MP4C	Mx	.017	4
112	M82	X	-90.798	1
113	M82	Z	-157.267	1
114	M82	Mx	0	1

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	0	6.5
2	MP4C	Z	-6.858	6.5
3	MP4C	Mx	.004	6.5
4	MP1A	X	0	4.5
5	MP1A	Z	-7.248	4.5
6	MP1A	Mx	0	4.5
7	MP1A	X	0	5.5
8	MP1A	Z	-7.248	5.5
9	MP1A	Mx	0	5.5
10	MP1B	X	0	4.5
11	MP1B	Z	-4.458	4.5
12	MP1B	Mx	.002	4.5
13	MP1B	X	0	5.5
14	MP1B	Z	-4.458	5.5
15	MP1B	Mx	.002	5.5
16	MP1C	X	0	4.5
17	MP1C	Z	-5.668	4.5
18	MP1C	Mx	-.002	4.5
19	MP1C	X	0	5.5
20	MP1C	Z	-5.668	5.5
21	MP1C	Mx	-.002	5.5
22	MP1A	X	0	1
23	MP1A	Z	-19.83	1
24	MP1A	Mx	0	1
25	MP1A	X	0	3
26	MP1A	Z	-19.83	3
27	MP1A	Mx	0	3
28	MP1B	X	0	1
29	MP1B	Z	-10.079	1
30	MP1B	Mx	.005	1
31	MP1B	X	0	3
32	MP1B	Z	-10.079	3
33	MP1B	Mx	.005	3
34	MP1C	X	0	1
35	MP1C	Z	-14.308	1
36	MP1C	Mx	-.005	1
37	MP1C	X	0	3
38	MP1C	Z	-14.308	3
39	MP1C	Mx	-.005	3
40	MP5A	X	0	.5
41	MP5A	Z	-21.389	.5
42	MP5A	Mx	0	.5
43	MP5A	X	0	3.5
44	MP5A	Z	-21.389	3.5
45	MP5A	Mx	0	3.5
46	MP5B	X	0	.5
47	MP5B	Z	-15.544	.5
48	MP5B	Mx	.007	.5
49	MP5B	X	0	3.5
50	MP5B	Z	-15.544	3.5
51	MP5B	Mx	.007	3.5
52	MP5C	X	0	.5
53	MP5C	Z	-18.08	.5
54	MP5C	Mx	-.006	.5
55	MP5C	X	0	3.5
56	MP5C	Z	-18.08	3.5
57	MP5C	Mx	-.006	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	0	2
59	MP3A	Z	-48.444	2
60	MP3A	Mx	0	2
61	MP3A	X	0	5.5
62	MP3A	Z	-48.444	5.5
63	MP3A	Mx	0	5.5
64	MP3B	X	0	2
65	MP3B	Z	-27.426	2
66	MP3B	Mx	.013	2
67	MP3B	X	0	5.5
68	MP3B	Z	-27.426	5.5
69	MP3B	Mx	.013	5.5
70	MP3C	X	0	2
71	MP3C	Z	-36.543	2
72	MP3C	Mx	-.013	2
73	MP3C	X	0	5.5
74	MP3C	Z	-36.543	5.5
75	MP3C	Mx	-.013	5.5
76	MP4A	X	0	2
77	MP4A	Z	-48.444	2
78	MP4A	Mx	0	2
79	MP4A	X	0	5.5
80	MP4A	Z	-48.444	5.5
81	MP4A	Mx	0	5.5
82	MP4B	X	0	2
83	MP4B	Z	-27.426	2
84	MP4B	Mx	.013	2
85	MP4B	X	0	5.5
86	MP4B	Z	-27.426	5.5
87	MP4B	Mx	.013	5.5
88	MP4C	X	0	2
89	MP4C	Z	-36.543	2
90	MP4C	Mx	-.013	2
91	MP4C	X	0	5.5
92	MP4C	Z	-36.543	5.5
93	MP4C	Mx	-.013	5.5
94	MP2A	X	0	4
95	MP2A	Z	-17.151	4
96	MP2A	Mx	0	4
97	MP2B	X	0	4
98	MP2B	Z	-12.735	4
99	MP2B	Mx	-.006	4
100	MP2C	X	0	4
101	MP2C	Z	-14.651	4
102	MP2C	Mx	.005	4
103	MP4A	X	0	4
104	MP4A	Z	-17.151	4
105	MP4A	Mx	0	4
106	MP4B	X	0	4
107	MP4B	Z	-11.057	4
108	MP4B	Mx	-.005	4
109	MP4C	X	0	4
110	MP4C	Z	-13.7	4
111	MP4C	Mx	.005	4
112	M82	X	0	1
113	M82	Z	-29.215	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	4.665	6.5
2	MP4C	Z	-8.079	6.5
3	MP4C	Mx	.002	6.5
4	MP1A	X	3.229	4.5
5	MP1A	Z	-5.593	4.5
6	MP1A	Mx	-.002	4.5
7	MP1A	X	3.229	5.5
8	MP1A	Z	-5.593	5.5
9	MP1A	Mx	-.002	5.5
10	MP1B	X	2.092	4.5
11	MP1B	Z	-3.623	4.5
12	MP1B	Mx	.002	4.5
13	MP1B	X	2.092	5.5
14	MP1B	Z	-3.623	5.5
15	MP1B	Mx	.002	5.5
16	MP1C	X	3.518	4.5
17	MP1C	Z	-6.094	4.5
18	MP1C	Mx	-.000911	4.5
19	MP1C	X	3.518	5.5
20	MP1C	Z	-6.094	5.5
21	MP1C	Mx	-.000911	5.5
22	MP1A	X	8.535	1
23	MP1A	Z	-14.782	1
24	MP1A	Mx	-.004	1
25	MP1A	X	8.535	3
26	MP1A	Z	-14.782	3
27	MP1A	Mx	-.004	3
28	MP1B	X	4.56	1
29	MP1B	Z	-7.898	1
30	MP1B	Mx	.004	1
31	MP1B	X	4.56	3
32	MP1B	Z	-7.898	3
33	MP1B	Mx	.004	3
34	MP1C	X	9.545	1
35	MP1C	Z	-16.533	1
36	MP1C	Mx	-.002	1
37	MP1C	X	9.545	3
38	MP1C	Z	-16.533	3
39	MP1C	Mx	-.002	3
40	MP5A	X	9.867	.5
41	MP5A	Z	-17.09	.5
42	MP5A	Mx	-.005	.5
43	MP5A	X	9.867	3.5
44	MP5A	Z	-17.09	3.5
45	MP5A	Mx	-.005	3.5
46	MP5B	X	7.485	.5
47	MP5B	Z	-12.964	.5
48	MP5B	Mx	.007	.5
49	MP5B	X	7.485	3.5
50	MP5B	Z	-12.964	3.5
51	MP5B	Mx	.007	3.5
52	MP5C	X	10.473	.5
53	MP5C	Z	-18.14	.5
54	MP5C	Mx	-.003	.5
55	MP5C	X	10.473	3.5
56	MP5C	Z	-18.14	3.5
57	MP5C	Mx	-.003	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	21.247	2
59	MP3A	Z	-36.8	2
60	MP3A	Mx	-.011	2
61	MP3A	X	21.247	5.5
62	MP3A	Z	-36.8	5.5
63	MP3A	Mx	-.011	5.5
64	MP3B	X	12.68	2
65	MP3B	Z	-21.962	2
66	MP3B	Mx	.012	2
67	MP3B	X	12.68	5.5
68	MP3B	Z	-21.962	5.5
69	MP3B	Mx	.012	5.5
70	MP3C	X	23.425	2
71	MP3C	Z	-40.573	2
72	MP3C	Mx	-.006	2
73	MP3C	X	23.425	5.5
74	MP3C	Z	-40.573	5.5
75	MP3C	Mx	-.006	5.5
76	MP4A	X	21.247	2
77	MP4A	Z	-36.8	2
78	MP4A	Mx	-.011	2
79	MP4A	X	21.247	5.5
80	MP4A	Z	-36.8	5.5
81	MP4A	Mx	-.011	5.5
82	MP4B	X	12.68	2
83	MP4B	Z	-21.962	2
84	MP4B	Mx	.012	2
85	MP4B	X	12.68	5.5
86	MP4B	Z	-21.962	5.5
87	MP4B	Mx	.012	5.5
88	MP4C	X	23.425	2
89	MP4C	Z	-40.573	2
90	MP4C	Mx	-.006	2
91	MP4C	X	23.425	5.5
92	MP4C	Z	-40.573	5.5
93	MP4C	Mx	-.006	5.5
94	MP2A	X	7.95	4
95	MP2A	Z	-13.771	4
96	MP2A	Mx	.004	4
97	MP2B	X	6.15	4
98	MP2B	Z	-10.653	4
99	MP2B	Mx	-.006	4
100	MP2C	X	8.408	4
101	MP2C	Z	-14.563	4
102	MP2C	Mx	.002	4
103	MP4A	X	7.713	4
104	MP4A	Z	-13.359	4
105	MP4A	Mx	.004	4
106	MP4B	X	5.229	4
107	MP4B	Z	-9.056	4
108	MP4B	Mx	-.005	4
109	MP4C	X	8.344	4
110	MP4C	Z	-14.453	4
111	MP4C	Mx	.002	4
112	M82	X	9.969	1
113	M82	Z	-17.266	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	8.079	6.5
2	MP4C	Z	-4.665	6.5
3	MP4C	Mx	-.002	6.5
4	MP1A	X	4.225	4.5
5	MP1A	Z	-2.439	4.5
6	MP1A	Mx	-.002	4.5
7	MP1A	X	4.225	5.5
8	MP1A	Z	-2.439	5.5
9	MP1A	Mx	-.002	5.5
10	MP1B	X	4.671	4.5
11	MP1B	Z	-2.697	4.5
12	MP1B	Mx	.002	4.5
13	MP1B	X	4.671	5.5
14	MP1B	Z	-2.697	5.5
15	MP1B	Mx	.002	5.5
16	MP1C	X	6.094	4.5
17	MP1C	Z	-3.518	4.5
18	MP1C	Mx	.000911	4.5
19	MP1C	X	6.094	5.5
20	MP1C	Z	-3.518	5.5
21	MP1C	Mx	.000911	5.5
22	MP1A	X	10.001	1
23	MP1A	Z	-5.774	1
24	MP1A	Mx	-.005	1
25	MP1A	X	10.001	3
26	MP1A	Z	-5.774	3
27	MP1A	Mx	-.005	3
28	MP1B	X	11.561	1
29	MP1B	Z	-6.675	1
30	MP1B	Mx	.005	1
31	MP1B	X	11.561	3
32	MP1B	Z	-6.675	3
33	MP1B	Mx	.005	3
34	MP1C	X	16.533	1
35	MP1C	Z	-9.545	1
36	MP1C	Mx	.002	1
37	MP1C	X	16.533	3
38	MP1C	Z	-9.545	3
39	MP1C	Mx	.002	3
40	MP5A	X	14.224	.5
41	MP5A	Z	-8.212	.5
42	MP5A	Mx	-.007	.5
43	MP5A	X	14.224	3.5
44	MP5A	Z	-8.212	3.5
45	MP5A	Mx	-.007	3.5
46	MP5B	X	15.16	.5
47	MP5B	Z	-8.752	.5
48	MP5B	Mx	.007	.5
49	MP5B	X	15.16	3.5
50	MP5B	Z	-8.752	3.5
51	MP5B	Mx	.007	3.5
52	MP5C	X	18.14	.5
53	MP5C	Z	-10.473	.5
54	MP5C	Mx	.003	.5
55	MP5C	X	18.14	3.5
56	MP5C	Z	-10.473	3.5
57	MP5C	Mx	.003	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	26.494	2
59	MP3A	Z	-15.296	2
60	MP3A	Mx	-.013	2
61	MP3A	X	26.494	5.5
62	MP3A	Z	-15.296	5.5
63	MP3A	Mx	-.013	5.5
64	MP3B	X	29.857	2
65	MP3B	Z	-17.238	2
66	MP3B	Mx	.013	2
67	MP3B	X	29.857	5.5
68	MP3B	Z	-17.238	5.5
69	MP3B	Mx	.013	5.5
70	MP3C	X	40.573	2
71	MP3C	Z	-23.425	2
72	MP3C	Mx	.006	2
73	MP3C	X	40.573	5.5
74	MP3C	Z	-23.425	5.5
75	MP3C	Mx	.006	5.5
76	MP4A	X	26.494	2
77	MP4A	Z	-15.296	2
78	MP4A	Mx	-.013	2
79	MP4A	X	26.494	5.5
80	MP4A	Z	-15.296	5.5
81	MP4A	Mx	-.013	5.5
82	MP4B	X	29.857	2
83	MP4B	Z	-17.238	2
84	MP4B	Mx	.013	2
85	MP4B	X	29.857	5.5
86	MP4B	Z	-17.238	5.5
87	MP4B	Mx	.013	5.5
88	MP4C	X	40.573	2
89	MP4C	Z	-23.425	2
90	MP4C	Mx	.006	2
91	MP4C	X	40.573	5.5
92	MP4C	Z	-23.425	5.5
93	MP4C	Mx	.006	5.5
94	MP2A	X	11.605	4
95	MP2A	Z	-6.7	4
96	MP2A	Mx	.006	4
97	MP2B	X	12.312	4
98	MP2B	Z	-7.108	4
99	MP2B	Mx	-.005	4
100	MP2C	X	14.563	4
101	MP2C	Z	-8.408	4
102	MP2C	Mx	-.002	4
103	MP4A	X	10.37	4
104	MP4A	Z	-5.987	4
105	MP4A	Mx	.005	4
106	MP4B	X	11.346	4
107	MP4B	Z	-6.55	4
108	MP4B	Mx	-.005	4
109	MP4C	X	14.453	4
110	MP4C	Z	-8.344	4
111	MP4C	Mx	-.002	4
112	M82	X	17.266	1
113	M82	Z	-9.969	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	6.858	6.5
2	MP4C	Z	0	6.5
3	MP4C	Mx	-.004	6.5
4	MP1A	X	4.089	4.5
5	MP1A	Z	0	4.5
6	MP1A	Mx	-.002	4.5
7	MP1A	X	4.089	5.5
8	MP1A	Z	0	5.5
9	MP1A	Mx	-.002	5.5
10	MP1B	X	6.878	4.5
11	MP1B	Z	0	4.5
12	MP1B	Mx	.001	4.5
13	MP1B	X	6.878	5.5
14	MP1B	Z	0	5.5
15	MP1B	Mx	.001	5.5
16	MP1C	X	5.668	4.5
17	MP1C	Z	0	4.5
18	MP1C	Mx	.002	4.5
19	MP1C	X	5.668	5.5
20	MP1C	Z	0	5.5
21	MP1C	Mx	.002	5.5
22	MP1A	X	8.787	1
23	MP1A	Z	0	1
24	MP1A	Mx	-.004	1
25	MP1A	X	8.787	3
26	MP1A	Z	0	3
27	MP1A	Mx	-.004	3
28	MP1B	X	18.538	1
29	MP1B	Z	0	1
30	MP1B	Mx	.003	1
31	MP1B	X	18.538	3
32	MP1B	Z	0	3
33	MP1B	Mx	.003	3
34	MP1C	X	14.308	1
35	MP1C	Z	0	1
36	MP1C	Mx	.005	1
37	MP1C	X	14.308	3
38	MP1C	Z	0	3
39	MP1C	Mx	.005	3
40	MP5A	X	14.77	.5
41	MP5A	Z	0	.5
42	MP5A	Mx	-.007	.5
43	MP5A	X	14.77	3.5
44	MP5A	Z	0	3.5
45	MP5A	Mx	-.007	3.5
46	MP5B	X	20.615	.5
47	MP5B	Z	0	.5
48	MP5B	Mx	.004	.5
49	MP5B	X	20.615	3.5
50	MP5B	Z	0	3.5
51	MP5B	Mx	.004	3.5
52	MP5C	X	18.08	.5
53	MP5C	Z	0	.5
54	MP5C	Mx	.006	.5
55	MP5C	X	18.08	3.5
56	MP5C	Z	0	3.5
57	MP5C	Mx	.006	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	24.642	2
59	MP3A	Z	0	2
60	MP3A	Mx	-.012	2
61	MP3A	X	24.642	5.5
62	MP3A	Z	0	5.5
63	MP3A	Mx	-.012	5.5
64	MP3B	X	45.659	2
65	MP3B	Z	0	2
66	MP3B	Mx	.008	2
67	MP3B	X	45.659	5.5
68	MP3B	Z	0	5.5
69	MP3B	Mx	.008	5.5
70	MP3C	X	36.543	2
71	MP3C	Z	0	2
72	MP3C	Mx	.013	2
73	MP3C	X	36.543	5.5
74	MP3C	Z	0	5.5
75	MP3C	Mx	.013	5.5
76	MP4A	X	24.642	2
77	MP4A	Z	0	2
78	MP4A	Mx	-.012	2
79	MP4A	X	24.642	5.5
80	MP4A	Z	0	5.5
81	MP4A	Mx	-.012	5.5
82	MP4B	X	45.659	2
83	MP4B	Z	0	2
84	MP4B	Mx	.008	2
85	MP4B	X	45.659	5.5
86	MP4B	Z	0	5.5
87	MP4B	Mx	.008	5.5
88	MP4C	X	36.543	2
89	MP4C	Z	0	2
90	MP4C	Mx	.013	2
91	MP4C	X	36.543	5.5
92	MP4C	Z	0	5.5
93	MP4C	Mx	.013	5.5
94	MP2A	X	12.15	4
95	MP2A	Z	0	4
96	MP2A	Mx	.006	4
97	MP2B	X	16.566	4
98	MP2B	Z	0	4
99	MP2B	Mx	-.003	4
100	MP2C	X	14.651	4
101	MP2C	Z	0	4
102	MP2C	Mx	-.005	4
103	MP4A	X	10.249	4
104	MP4A	Z	0	4
105	MP4A	Mx	.005	4
106	MP4B	X	16.344	4
107	MP4B	Z	0	4
108	MP4B	Mx	-.003	4
109	MP4C	X	13.7	4
110	MP4C	Z	0	4
111	MP4C	Mx	-.005	4
112	M82	X	29.215	1
113	M82	Z	0	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	3.799	6.5
2	MP4C	Z	2.194	6.5
3	MP4C	Mx	-.004	6.5
4	MP1A	X	4.225	4.5
5	MP1A	Z	2.439	4.5
6	MP1A	Mx	-.002	4.5
7	MP1A	X	4.225	5.5
8	MP1A	Z	2.439	5.5
9	MP1A	Mx	-.002	5.5
10	MP1B	X	6.194	4.5
11	MP1B	Z	3.576	4.5
12	MP1B	Mx	-.000621	4.5
13	MP1B	X	6.194	5.5
14	MP1B	Z	3.576	5.5
15	MP1B	Mx	-.000621	5.5
16	MP1C	X	3.724	4.5
17	MP1C	Z	2.15	4.5
18	MP1C	Mx	.002	4.5
19	MP1C	X	3.724	5.5
20	MP1C	Z	2.15	5.5
21	MP1C	Mx	.002	5.5
22	MP1A	X	10.001	1
23	MP1A	Z	5.774	1
24	MP1A	Mx	-.005	1
25	MP1A	X	10.001	3
26	MP1A	Z	5.774	3
27	MP1A	Mx	-.005	3
28	MP1B	X	16.885	1
29	MP1B	Z	9.749	1
30	MP1B	Mx	-.002	1
31	MP1B	X	16.885	3
32	MP1B	Z	9.749	3
33	MP1B	Mx	-.002	3
34	MP1C	X	8.25	1
35	MP1C	Z	4.763	1
36	MP1C	Mx	.005	1
37	MP1C	X	8.25	3
38	MP1C	Z	4.763	3
39	MP1C	Mx	.005	3
40	MP5A	X	14.224	.5
41	MP5A	Z	8.212	.5
42	MP5A	Mx	-.007	.5
43	MP5A	X	14.224	3.5
44	MP5A	Z	8.212	3.5
45	MP5A	Mx	-.007	3.5
46	MP5B	X	18.351	.5
47	MP5B	Z	10.595	.5
48	MP5B	Mx	-.002	.5
49	MP5B	X	18.351	3.5
50	MP5B	Z	10.595	3.5
51	MP5B	Mx	-.002	3.5
52	MP5C	X	13.175	.5
53	MP5C	Z	7.607	.5
54	MP5C	Mx	.007	.5
55	MP5C	X	13.175	3.5
56	MP5C	Z	7.607	3.5
57	MP5C	Mx	.007	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	26.494	2
59	MP3A	Z	15.296	2
60	MP3A	Mx	-.013	2
61	MP3A	X	26.494	5.5
62	MP3A	Z	15.296	5.5
63	MP3A	Mx	-.013	5.5
64	MP3B	X	41.332	2
65	MP3B	Z	23.863	2
66	MP3B	Mx	-.004	2
67	MP3B	X	41.332	5.5
68	MP3B	Z	23.863	5.5
69	MP3B	Mx	-.004	5.5
70	MP3C	X	22.721	2
71	MP3C	Z	13.118	2
72	MP3C	Mx	.013	2
73	MP3C	X	22.721	5.5
74	MP3C	Z	13.118	5.5
75	MP3C	Mx	.013	5.5
76	MP4A	X	26.494	2
77	MP4A	Z	15.296	2
78	MP4A	Mx	-.013	2
79	MP4A	X	26.494	5.5
80	MP4A	Z	15.296	5.5
81	MP4A	Mx	-.013	5.5
82	MP4B	X	41.332	2
83	MP4B	Z	23.863	2
84	MP4B	Mx	-.004	2
85	MP4B	X	41.332	5.5
86	MP4B	Z	23.863	5.5
87	MP4B	Mx	-.004	5.5
88	MP4C	X	22.721	2
89	MP4C	Z	13.118	2
90	MP4C	Mx	.013	2
91	MP4C	X	22.721	5.5
92	MP4C	Z	13.118	5.5
93	MP4C	Mx	.013	5.5
94	MP2A	X	11.605	4
95	MP2A	Z	6.7	4
96	MP2A	Mx	.006	4
97	MP2B	X	14.723	4
98	MP2B	Z	8.5	4
99	MP2B	Mx	.001	4
100	MP2C	X	10.812	4
101	MP2C	Z	6.242	4
102	MP2C	Mx	-.006	4
103	MP4A	X	10.37	4
104	MP4A	Z	5.987	4
105	MP4A	Mx	.005	4
106	MP4B	X	14.673	4
107	MP4B	Z	8.472	4
108	MP4B	Mx	.001	4
109	MP4C	X	9.276	4
110	MP4C	Z	5.356	4
111	MP4C	Mx	-.005	4
112	M82	X	33.336	1
113	M82	Z	19.247	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	2.194	6.5
2	MP4C	Z	3.799	6.5
3	MP4C	Mx	-.004	6.5
4	MP1A	X	3.229	4.5
5	MP1A	Z	5.593	4.5
6	MP1A	Mx	-.002	4.5
7	MP1A	X	3.229	5.5
8	MP1A	Z	5.593	5.5
9	MP1A	Mx	-.002	5.5
10	MP1B	X	2.971	4.5
11	MP1B	Z	5.146	4.5
12	MP1B	Mx	-.002	4.5
13	MP1B	X	2.971	5.5
14	MP1B	Z	5.146	5.5
15	MP1B	Mx	-.002	5.5
16	MP1C	X	2.15	4.5
17	MP1C	Z	3.724	4.5
18	MP1C	Mx	.002	4.5
19	MP1C	X	2.15	5.5
20	MP1C	Z	3.724	5.5
21	MP1C	Mx	.002	5.5
22	MP1A	X	8.535	1
23	MP1A	Z	14.782	1
24	MP1A	Mx	-.004	1
25	MP1A	X	8.535	3
26	MP1A	Z	14.782	3
27	MP1A	Mx	-.004	3
28	MP1B	X	7.634	1
29	MP1B	Z	13.222	1
30	MP1B	Mx	-.005	1
31	MP1B	X	7.634	3
32	MP1B	Z	13.222	3
33	MP1B	Mx	-.005	3
34	MP1C	X	4.763	1
35	MP1C	Z	8.25	1
36	MP1C	Mx	.005	1
37	MP1C	X	4.763	3
38	MP1C	Z	8.25	3
39	MP1C	Mx	.005	3
40	MP5A	X	9.867	.5
41	MP5A	Z	17.09	.5
42	MP5A	Mx	-.005	.5
43	MP5A	X	9.867	3.5
44	MP5A	Z	17.09	3.5
45	MP5A	Mx	-.005	3.5
46	MP5B	X	9.327	.5
47	MP5B	Z	16.155	.5
48	MP5B	Mx	-.006	.5
49	MP5B	X	9.327	3.5
50	MP5B	Z	16.155	3.5
51	MP5B	Mx	-.006	3.5
52	MP5C	X	7.607	.5
53	MP5C	Z	13.175	.5
54	MP5C	Mx	.007	.5
55	MP5C	X	7.607	3.5
56	MP5C	Z	13.175	3.5
57	MP5C	Mx	.007	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	21.247	2
59	MP3A	Z	36.8	2
60	MP3A	Mx	-.011	2
61	MP3A	X	21.247	5.5
62	MP3A	Z	36.8	5.5
63	MP3A	Mx	-.011	5.5
64	MP3B	X	19.305	2
65	MP3B	Z	33.437	2
66	MP3B	Mx	-.012	2
67	MP3B	X	19.305	5.5
68	MP3B	Z	33.437	5.5
69	MP3B	Mx	-.012	5.5
70	MP3C	X	13.118	2
71	MP3C	Z	22.721	2
72	MP3C	Mx	.013	2
73	MP3C	X	13.118	5.5
74	MP3C	Z	22.721	5.5
75	MP3C	Mx	.013	5.5
76	MP4A	X	21.247	2
77	MP4A	Z	36.8	2
78	MP4A	Mx	-.011	2
79	MP4A	X	21.247	5.5
80	MP4A	Z	36.8	5.5
81	MP4A	Mx	-.011	5.5
82	MP4B	X	19.305	2
83	MP4B	Z	33.437	2
84	MP4B	Mx	-.012	2
85	MP4B	X	19.305	5.5
86	MP4B	Z	33.437	5.5
87	MP4B	Mx	-.012	5.5
88	MP4C	X	13.118	2
89	MP4C	Z	22.721	2
90	MP4C	Mx	.013	2
91	MP4C	X	13.118	5.5
92	MP4C	Z	22.721	5.5
93	MP4C	Mx	.013	5.5
94	MP2A	X	7.95	4
95	MP2A	Z	13.771	4
96	MP2A	Mx	.004	4
97	MP2B	X	7.542	4
98	MP2B	Z	13.064	4
99	MP2B	Mx	.005	4
100	MP2C	X	6.242	4
101	MP2C	Z	10.812	4
102	MP2C	Mx	-.006	4
103	MP4A	X	7.713	4
104	MP4A	Z	13.359	4
105	MP4A	Mx	.004	4
106	MP4B	X	7.15	4
107	MP4B	Z	12.384	4
108	MP4B	Mx	.005	4
109	MP4C	X	5.356	4
110	MP4C	Z	9.276	4
111	MP4C	Mx	-.005	4
112	M82	X	19.247	1
113	M82	Z	33.336	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	0	6.5
2	MP4C	Z	6.858	6.5
3	MP4C	Mx	-.004	6.5
4	MP1A	X	0	4.5
5	MP1A	Z	7.248	4.5
6	MP1A	Mx	0	4.5
7	MP1A	X	0	5.5
8	MP1A	Z	7.248	5.5
9	MP1A	Mx	0	5.5
10	MP1B	X	0	4.5
11	MP1B	Z	4.458	4.5
12	MP1B	Mx	-.002	4.5
13	MP1B	X	0	5.5
14	MP1B	Z	4.458	5.5
15	MP1B	Mx	-.002	5.5
16	MP1C	X	0	4.5
17	MP1C	Z	5.668	4.5
18	MP1C	Mx	.002	4.5
19	MP1C	X	0	5.5
20	MP1C	Z	5.668	5.5
21	MP1C	Mx	.002	5.5
22	MP1A	X	0	1
23	MP1A	Z	19.83	1
24	MP1A	Mx	0	1
25	MP1A	X	0	3
26	MP1A	Z	19.83	3
27	MP1A	Mx	0	3
28	MP1B	X	0	1
29	MP1B	Z	10.079	1
30	MP1B	Mx	-.005	1
31	MP1B	X	0	3
32	MP1B	Z	10.079	3
33	MP1B	Mx	-.005	3
34	MP1C	X	0	1
35	MP1C	Z	14.308	1
36	MP1C	Mx	.005	1
37	MP1C	X	0	3
38	MP1C	Z	14.308	3
39	MP1C	Mx	.005	3
40	MP5A	X	0	.5
41	MP5A	Z	21.389	.5
42	MP5A	Mx	0	.5
43	MP5A	X	0	3.5
44	MP5A	Z	21.389	3.5
45	MP5A	Mx	0	3.5
46	MP5B	X	0	.5
47	MP5B	Z	15.544	.5
48	MP5B	Mx	-.007	.5
49	MP5B	X	0	3.5
50	MP5B	Z	15.544	3.5
51	MP5B	Mx	-.007	3.5
52	MP5C	X	0	.5
53	MP5C	Z	18.08	.5
54	MP5C	Mx	.006	.5
55	MP5C	X	0	3.5
56	MP5C	Z	18.08	3.5
57	MP5C	Mx	.006	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	0	2
59	MP3A	Z	48.444	2
60	MP3A	Mx	0	2
61	MP3A	X	0	5.5
62	MP3A	Z	48.444	5.5
63	MP3A	Mx	0	5.5
64	MP3B	X	0	2
65	MP3B	Z	27.426	2
66	MP3B	Mx	-.013	2
67	MP3B	X	0	5.5
68	MP3B	Z	27.426	5.5
69	MP3B	Mx	-.013	5.5
70	MP3C	X	0	2
71	MP3C	Z	36.543	2
72	MP3C	Mx	.013	2
73	MP3C	X	0	5.5
74	MP3C	Z	36.543	5.5
75	MP3C	Mx	.013	5.5
76	MP4A	X	0	2
77	MP4A	Z	48.444	2
78	MP4A	Mx	0	2
79	MP4A	X	0	5.5
80	MP4A	Z	48.444	5.5
81	MP4A	Mx	0	5.5
82	MP4B	X	0	2
83	MP4B	Z	27.426	2
84	MP4B	Mx	-.013	2
85	MP4B	X	0	5.5
86	MP4B	Z	27.426	5.5
87	MP4B	Mx	-.013	5.5
88	MP4C	X	0	2
89	MP4C	Z	36.543	2
90	MP4C	Mx	.013	2
91	MP4C	X	0	5.5
92	MP4C	Z	36.543	5.5
93	MP4C	Mx	.013	5.5
94	MP2A	X	0	4
95	MP2A	Z	17.151	4
96	MP2A	Mx	0	4
97	MP2B	X	0	4
98	MP2B	Z	12.735	4
99	MP2B	Mx	.006	4
100	MP2C	X	0	4
101	MP2C	Z	14.651	4
102	MP2C	Mx	-.005	4
103	MP4A	X	0	4
104	MP4A	Z	17.151	4
105	MP4A	Mx	0	4
106	MP4B	X	0	4
107	MP4B	Z	11.057	4
108	MP4B	Mx	.005	4
109	MP4C	X	0	4
110	MP4C	Z	13.7	4
111	MP4C	Mx	-.005	4
112	M82	X	0	1
113	M82	Z	29.215	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	-4.665	6.5
2	MP4C	Z	8.079	6.5
3	MP4C	Mx	-.002	6.5
4	MP1A	X	-3.229	4.5
5	MP1A	Z	5.593	4.5
6	MP1A	Mx	.002	4.5
7	MP1A	X	-3.229	5.5
8	MP1A	Z	5.593	5.5
9	MP1A	Mx	.002	5.5
10	MP1B	X	-2.092	4.5
11	MP1B	Z	3.623	4.5
12	MP1B	Mx	-.002	4.5
13	MP1B	X	-2.092	5.5
14	MP1B	Z	3.623	5.5
15	MP1B	Mx	-.002	5.5
16	MP1C	X	-3.518	4.5
17	MP1C	Z	6.094	4.5
18	MP1C	Mx	.000911	4.5
19	MP1C	X	-3.518	5.5
20	MP1C	Z	6.094	5.5
21	MP1C	Mx	.000911	5.5
22	MP1A	X	-8.535	1
23	MP1A	Z	14.782	1
24	MP1A	Mx	.004	1
25	MP1A	X	-8.535	3
26	MP1A	Z	14.782	3
27	MP1A	Mx	.004	3
28	MP1B	X	-4.56	1
29	MP1B	Z	7.898	1
30	MP1B	Mx	-.004	1
31	MP1B	X	-4.56	3
32	MP1B	Z	7.898	3
33	MP1B	Mx	-.004	3
34	MP1C	X	-9.545	1
35	MP1C	Z	16.533	1
36	MP1C	Mx	.002	1
37	MP1C	X	-9.545	3
38	MP1C	Z	16.533	3
39	MP1C	Mx	.002	3
40	MP5A	X	-9.867	.5
41	MP5A	Z	17.09	.5
42	MP5A	Mx	.005	.5
43	MP5A	X	-9.867	3.5
44	MP5A	Z	17.09	3.5
45	MP5A	Mx	.005	3.5
46	MP5B	X	-7.485	.5
47	MP5B	Z	12.964	.5
48	MP5B	Mx	-.007	.5
49	MP5B	X	-7.485	3.5
50	MP5B	Z	12.964	3.5
51	MP5B	Mx	-.007	3.5
52	MP5C	X	-10.473	.5
53	MP5C	Z	18.14	.5
54	MP5C	Mx	.003	.5
55	MP5C	X	-10.473	3.5
56	MP5C	Z	18.14	3.5
57	MP5C	Mx	.003	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-21.247	2
59	MP3A	Z	36.8	2
60	MP3A	Mx	.011	2
61	MP3A	X	-21.247	5.5
62	MP3A	Z	36.8	5.5
63	MP3A	Mx	.011	5.5
64	MP3B	X	-12.68	2
65	MP3B	Z	21.962	2
66	MP3B	Mx	-.012	2
67	MP3B	X	-12.68	5.5
68	MP3B	Z	21.962	5.5
69	MP3B	Mx	-.012	5.5
70	MP3C	X	-23.425	2
71	MP3C	Z	40.573	2
72	MP3C	Mx	.006	2
73	MP3C	X	-23.425	5.5
74	MP3C	Z	40.573	5.5
75	MP3C	Mx	.006	5.5
76	MP4A	X	-21.247	2
77	MP4A	Z	36.8	2
78	MP4A	Mx	.011	2
79	MP4A	X	-21.247	5.5
80	MP4A	Z	36.8	5.5
81	MP4A	Mx	.011	5.5
82	MP4B	X	-12.68	2
83	MP4B	Z	21.962	2
84	MP4B	Mx	-.012	2
85	MP4B	X	-12.68	5.5
86	MP4B	Z	21.962	5.5
87	MP4B	Mx	-.012	5.5
88	MP4C	X	-23.425	2
89	MP4C	Z	40.573	2
90	MP4C	Mx	.006	2
91	MP4C	X	-23.425	5.5
92	MP4C	Z	40.573	5.5
93	MP4C	Mx	.006	5.5
94	MP2A	X	-7.95	4
95	MP2A	Z	13.771	4
96	MP2A	Mx	-.004	4
97	MP2B	X	-6.15	4
98	MP2B	Z	10.653	4
99	MP2B	Mx	.006	4
100	MP2C	X	-8.408	4
101	MP2C	Z	14.563	4
102	MP2C	Mx	-.002	4
103	MP4A	X	-7.713	4
104	MP4A	Z	13.359	4
105	MP4A	Mx	-.004	4
106	MP4B	X	-5.229	4
107	MP4B	Z	9.056	4
108	MP4B	Mx	.005	4
109	MP4C	X	-8.344	4
110	MP4C	Z	14.453	4
111	MP4C	Mx	-.002	4
112	M82	X	-9.969	1
113	M82	Z	17.266	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	-8.079	6.5
2	MP4C	Z	4.665	6.5
3	MP4C	Mx	.002	6.5
4	MP1A	X	-4.225	4.5
5	MP1A	Z	2.439	4.5
6	MP1A	Mx	.002	4.5
7	MP1A	X	-4.225	5.5
8	MP1A	Z	2.439	5.5
9	MP1A	Mx	.002	5.5
10	MP1B	X	-4.671	4.5
11	MP1B	Z	2.697	4.5
12	MP1B	Mx	-.002	4.5
13	MP1B	X	-4.671	5.5
14	MP1B	Z	2.697	5.5
15	MP1B	Mx	-.002	5.5
16	MP1C	X	-6.094	4.5
17	MP1C	Z	3.518	4.5
18	MP1C	Mx	-.000911	4.5
19	MP1C	X	-6.094	5.5
20	MP1C	Z	3.518	5.5
21	MP1C	Mx	-.000911	5.5
22	MP1A	X	-10.001	1
23	MP1A	Z	5.774	1
24	MP1A	Mx	.005	1
25	MP1A	X	-10.001	3
26	MP1A	Z	5.774	3
27	MP1A	Mx	.005	3
28	MP1B	X	-11.561	1
29	MP1B	Z	6.675	1
30	MP1B	Mx	-.005	1
31	MP1B	X	-11.561	3
32	MP1B	Z	6.675	3
33	MP1B	Mx	-.005	3
34	MP1C	X	-16.533	1
35	MP1C	Z	9.545	1
36	MP1C	Mx	-.002	1
37	MP1C	X	-16.533	3
38	MP1C	Z	9.545	3
39	MP1C	Mx	-.002	3
40	MP5A	X	-14.224	.5
41	MP5A	Z	8.212	.5
42	MP5A	Mx	.007	.5
43	MP5A	X	-14.224	3.5
44	MP5A	Z	8.212	3.5
45	MP5A	Mx	.007	3.5
46	MP5B	X	-15.16	.5
47	MP5B	Z	8.752	.5
48	MP5B	Mx	-.007	.5
49	MP5B	X	-15.16	3.5
50	MP5B	Z	8.752	3.5
51	MP5B	Mx	-.007	3.5
52	MP5C	X	-18.14	.5
53	MP5C	Z	10.473	.5
54	MP5C	Mx	-.003	.5
55	MP5C	X	-18.14	3.5
56	MP5C	Z	10.473	3.5
57	MP5C	Mx	-.003	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-26.494	2
59	MP3A	Z	15.296	2
60	MP3A	Mx	.013	2
61	MP3A	X	-26.494	5.5
62	MP3A	Z	15.296	5.5
63	MP3A	Mx	.013	5.5
64	MP3B	X	-29.857	2
65	MP3B	Z	17.238	2
66	MP3B	Mx	-.013	2
67	MP3B	X	-29.857	5.5
68	MP3B	Z	17.238	5.5
69	MP3B	Mx	-.013	5.5
70	MP3C	X	-40.573	2
71	MP3C	Z	23.425	2
72	MP3C	Mx	-.006	2
73	MP3C	X	-40.573	5.5
74	MP3C	Z	23.425	5.5
75	MP3C	Mx	-.006	5.5
76	MP4A	X	-26.494	2
77	MP4A	Z	15.296	2
78	MP4A	Mx	.013	2
79	MP4A	X	-26.494	5.5
80	MP4A	Z	15.296	5.5
81	MP4A	Mx	.013	5.5
82	MP4B	X	-29.857	2
83	MP4B	Z	17.238	2
84	MP4B	Mx	-.013	2
85	MP4B	X	-29.857	5.5
86	MP4B	Z	17.238	5.5
87	MP4B	Mx	-.013	5.5
88	MP4C	X	-40.573	2
89	MP4C	Z	23.425	2
90	MP4C	Mx	-.006	2
91	MP4C	X	-40.573	5.5
92	MP4C	Z	23.425	5.5
93	MP4C	Mx	-.006	5.5
94	MP2A	X	-11.605	4
95	MP2A	Z	6.7	4
96	MP2A	Mx	-.006	4
97	MP2B	X	-12.312	4
98	MP2B	Z	7.108	4
99	MP2B	Mx	.005	4
100	MP2C	X	-14.563	4
101	MP2C	Z	8.408	4
102	MP2C	Mx	.002	4
103	MP4A	X	-10.37	4
104	MP4A	Z	5.987	4
105	MP4A	Mx	-.005	4
106	MP4B	X	-11.346	4
107	MP4B	Z	6.55	4
108	MP4B	Mx	.005	4
109	MP4C	X	-14.453	4
110	MP4C	Z	8.344	4
111	MP4C	Mx	.002	4
112	M82	X	-17.266	1
113	M82	Z	9.969	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	-6.858	6.5
2	MP4C	Z	0	6.5
3	MP4C	Mx	.004	6.5
4	MP1A	X	-4.089	4.5
5	MP1A	Z	0	4.5
6	MP1A	Mx	.002	4.5
7	MP1A	X	-4.089	5.5
8	MP1A	Z	0	5.5
9	MP1A	Mx	.002	5.5
10	MP1B	X	-6.878	4.5
11	MP1B	Z	0	4.5
12	MP1B	Mx	-.001	4.5
13	MP1B	X	-6.878	5.5
14	MP1B	Z	0	5.5
15	MP1B	Mx	-.001	5.5
16	MP1C	X	-5.668	4.5
17	MP1C	Z	0	4.5
18	MP1C	Mx	-.002	4.5
19	MP1C	X	-5.668	5.5
20	MP1C	Z	0	5.5
21	MP1C	Mx	-.002	5.5
22	MP1A	X	-8.787	1
23	MP1A	Z	0	1
24	MP1A	Mx	.004	1
25	MP1A	X	-8.787	3
26	MP1A	Z	0	3
27	MP1A	Mx	.004	3
28	MP1B	X	-18.538	1
29	MP1B	Z	0	1
30	MP1B	Mx	-.003	1
31	MP1B	X	-18.538	3
32	MP1B	Z	0	3
33	MP1B	Mx	-.003	3
34	MP1C	X	-14.308	1
35	MP1C	Z	0	1
36	MP1C	Mx	-.005	1
37	MP1C	X	-14.308	3
38	MP1C	Z	0	3
39	MP1C	Mx	-.005	3
40	MP5A	X	-14.77	.5
41	MP5A	Z	0	.5
42	MP5A	Mx	.007	.5
43	MP5A	X	-14.77	3.5
44	MP5A	Z	0	3.5
45	MP5A	Mx	.007	3.5
46	MP5B	X	-20.615	.5
47	MP5B	Z	0	.5
48	MP5B	Mx	-.004	.5
49	MP5B	X	-20.615	3.5
50	MP5B	Z	0	3.5
51	MP5B	Mx	-.004	3.5
52	MP5C	X	-18.08	.5
53	MP5C	Z	0	.5
54	MP5C	Mx	-.006	.5
55	MP5C	X	-18.08	3.5
56	MP5C	Z	0	3.5
57	MP5C	Mx	-.006	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-24.642	2
59	MP3A	Z	0	2
60	MP3A	Mx	.012	2
61	MP3A	X	-24.642	5.5
62	MP3A	Z	0	5.5
63	MP3A	Mx	.012	5.5
64	MP3B	X	-45.659	2
65	MP3B	Z	0	2
66	MP3B	Mx	-.008	2
67	MP3B	X	-45.659	5.5
68	MP3B	Z	0	5.5
69	MP3B	Mx	-.008	5.5
70	MP3C	X	-36.543	2
71	MP3C	Z	0	2
72	MP3C	Mx	-.013	2
73	MP3C	X	-36.543	5.5
74	MP3C	Z	0	5.5
75	MP3C	Mx	-.013	5.5
76	MP4A	X	-24.642	2
77	MP4A	Z	0	2
78	MP4A	Mx	.012	2
79	MP4A	X	-24.642	5.5
80	MP4A	Z	0	5.5
81	MP4A	Mx	.012	5.5
82	MP4B	X	-45.659	2
83	MP4B	Z	0	2
84	MP4B	Mx	-.008	2
85	MP4B	X	-45.659	5.5
86	MP4B	Z	0	5.5
87	MP4B	Mx	-.008	5.5
88	MP4C	X	-36.543	2
89	MP4C	Z	0	2
90	MP4C	Mx	-.013	2
91	MP4C	X	-36.543	5.5
92	MP4C	Z	0	5.5
93	MP4C	Mx	-.013	5.5
94	MP2A	X	-12.15	4
95	MP2A	Z	0	4
96	MP2A	Mx	-.006	4
97	MP2B	X	-16.566	4
98	MP2B	Z	0	4
99	MP2B	Mx	.003	4
100	MP2C	X	-14.651	4
101	MP2C	Z	0	4
102	MP2C	Mx	.005	4
103	MP4A	X	-10.249	4
104	MP4A	Z	0	4
105	MP4A	Mx	-.005	4
106	MP4B	X	-16.344	4
107	MP4B	Z	0	4
108	MP4B	Mx	.003	4
109	MP4C	X	-13.7	4
110	MP4C	Z	0	4
111	MP4C	Mx	.005	4
112	M82	X	-29.215	1
113	M82	Z	0	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	-3.799	6.5
2	MP4C	Z	-2.194	6.5
3	MP4C	Mx	.004	6.5
4	MP1A	X	-4.225	4.5
5	MP1A	Z	-2.439	4.5
6	MP1A	Mx	.002	4.5
7	MP1A	X	-4.225	5.5
8	MP1A	Z	-2.439	5.5
9	MP1A	Mx	.002	5.5
10	MP1B	X	-6.194	4.5
11	MP1B	Z	-3.576	4.5
12	MP1B	Mx	.000621	4.5
13	MP1B	X	-6.194	5.5
14	MP1B	Z	-3.576	5.5
15	MP1B	Mx	.000621	5.5
16	MP1C	X	-3.724	4.5
17	MP1C	Z	-2.15	4.5
18	MP1C	Mx	-.002	4.5
19	MP1C	X	-3.724	5.5
20	MP1C	Z	-2.15	5.5
21	MP1C	Mx	-.002	5.5
22	MP1A	X	-10.001	1
23	MP1A	Z	-5.774	1
24	MP1A	Mx	.005	1
25	MP1A	X	-10.001	3
26	MP1A	Z	-5.774	3
27	MP1A	Mx	.005	3
28	MP1B	X	-16.885	1
29	MP1B	Z	-9.749	1
30	MP1B	Mx	.002	1
31	MP1B	X	-16.885	3
32	MP1B	Z	-9.749	3
33	MP1B	Mx	.002	3
34	MP1C	X	-8.25	1
35	MP1C	Z	-4.763	1
36	MP1C	Mx	-.005	1
37	MP1C	X	-8.25	3
38	MP1C	Z	-4.763	3
39	MP1C	Mx	-.005	3
40	MP5A	X	-14.224	.5
41	MP5A	Z	-8.212	.5
42	MP5A	Mx	.007	.5
43	MP5A	X	-14.224	3.5
44	MP5A	Z	-8.212	3.5
45	MP5A	Mx	.007	3.5
46	MP5B	X	-18.351	.5
47	MP5B	Z	-10.595	.5
48	MP5B	Mx	.002	.5
49	MP5B	X	-18.351	3.5
50	MP5B	Z	-10.595	3.5
51	MP5B	Mx	.002	3.5
52	MP5C	X	-13.175	.5
53	MP5C	Z	-7.607	.5
54	MP5C	Mx	-.007	.5
55	MP5C	X	-13.175	3.5
56	MP5C	Z	-7.607	3.5
57	MP5C	Mx	-.007	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-26.494	2
59	MP3A	Z	-15.296	2
60	MP3A	Mx	.013	2
61	MP3A	X	-26.494	5.5
62	MP3A	Z	-15.296	5.5
63	MP3A	Mx	.013	5.5
64	MP3B	X	-41.332	2
65	MP3B	Z	-23.863	2
66	MP3B	Mx	.004	2
67	MP3B	X	-41.332	5.5
68	MP3B	Z	-23.863	5.5
69	MP3B	Mx	.004	5.5
70	MP3C	X	-22.721	2
71	MP3C	Z	-13.118	2
72	MP3C	Mx	-.013	2
73	MP3C	X	-22.721	5.5
74	MP3C	Z	-13.118	5.5
75	MP3C	Mx	-.013	5.5
76	MP4A	X	-26.494	2
77	MP4A	Z	-15.296	2
78	MP4A	Mx	.013	2
79	MP4A	X	-26.494	5.5
80	MP4A	Z	-15.296	5.5
81	MP4A	Mx	.013	5.5
82	MP4B	X	-41.332	2
83	MP4B	Z	-23.863	2
84	MP4B	Mx	.004	2
85	MP4B	X	-41.332	5.5
86	MP4B	Z	-23.863	5.5
87	MP4B	Mx	.004	5.5
88	MP4C	X	-22.721	2
89	MP4C	Z	-13.118	2
90	MP4C	Mx	-.013	2
91	MP4C	X	-22.721	5.5
92	MP4C	Z	-13.118	5.5
93	MP4C	Mx	-.013	5.5
94	MP2A	X	-11.605	4
95	MP2A	Z	-6.7	4
96	MP2A	Mx	-.006	4
97	MP2B	X	-14.723	4
98	MP2B	Z	-8.5	4
99	MP2B	Mx	-.001	4
100	MP2C	X	-10.812	4
101	MP2C	Z	-6.242	4
102	MP2C	Mx	.006	4
103	MP4A	X	-10.37	4
104	MP4A	Z	-5.987	4
105	MP4A	Mx	-.005	4
106	MP4B	X	-14.673	4
107	MP4B	Z	-8.472	4
108	MP4B	Mx	-.001	4
109	MP4C	X	-9.276	4
110	MP4C	Z	-5.356	4
111	MP4C	Mx	.005	4
112	M82	X	-33.336	1
113	M82	Z	-19.247	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	-2.194	6.5
2	MP4C	Z	-3.799	6.5
3	MP4C	Mx	.004	6.5
4	MP1A	X	-3.229	4.5
5	MP1A	Z	-5.593	4.5
6	MP1A	Mx	.002	4.5
7	MP1A	X	-3.229	5.5
8	MP1A	Z	-5.593	5.5
9	MP1A	Mx	.002	5.5
10	MP1B	X	-2.971	4.5
11	MP1B	Z	-5.146	4.5
12	MP1B	Mx	.002	4.5
13	MP1B	X	-2.971	5.5
14	MP1B	Z	-5.146	5.5
15	MP1B	Mx	.002	5.5
16	MP1C	X	-2.15	4.5
17	MP1C	Z	-3.724	4.5
18	MP1C	Mx	-.002	4.5
19	MP1C	X	-2.15	5.5
20	MP1C	Z	-3.724	5.5
21	MP1C	Mx	-.002	5.5
22	MP1A	X	-8.535	1
23	MP1A	Z	-14.782	1
24	MP1A	Mx	.004	1
25	MP1A	X	-8.535	3
26	MP1A	Z	-14.782	3
27	MP1A	Mx	.004	3
28	MP1B	X	-7.634	1
29	MP1B	Z	-13.222	1
30	MP1B	Mx	.005	1
31	MP1B	X	-7.634	3
32	MP1B	Z	-13.222	3
33	MP1B	Mx	.005	3
34	MP1C	X	-4.763	1
35	MP1C	Z	-8.25	1
36	MP1C	Mx	-.005	1
37	MP1C	X	-4.763	3
38	MP1C	Z	-8.25	3
39	MP1C	Mx	-.005	3
40	MP5A	X	-9.867	.5
41	MP5A	Z	-17.09	.5
42	MP5A	Mx	.005	.5
43	MP5A	X	-9.867	3.5
44	MP5A	Z	-17.09	3.5
45	MP5A	Mx	.005	3.5
46	MP5B	X	-9.327	.5
47	MP5B	Z	-16.155	.5
48	MP5B	Mx	.006	.5
49	MP5B	X	-9.327	3.5
50	MP5B	Z	-16.155	3.5
51	MP5B	Mx	.006	3.5
52	MP5C	X	-7.607	.5
53	MP5C	Z	-13.175	.5
54	MP5C	Mx	-.007	.5
55	MP5C	X	-7.607	3.5
56	MP5C	Z	-13.175	3.5
57	MP5C	Mx	-.007	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-21.247	2
59	MP3A	Z	-36.8	2
60	MP3A	Mx	.011	2
61	MP3A	X	-21.247	5.5
62	MP3A	Z	-36.8	5.5
63	MP3A	Mx	.011	5.5
64	MP3B	X	-19.305	2
65	MP3B	Z	-33.437	2
66	MP3B	Mx	.012	2
67	MP3B	X	-19.305	5.5
68	MP3B	Z	-33.437	5.5
69	MP3B	Mx	.012	5.5
70	MP3C	X	-13.118	2
71	MP3C	Z	-22.721	2
72	MP3C	Mx	-.013	2
73	MP3C	X	-13.118	5.5
74	MP3C	Z	-22.721	5.5
75	MP3C	Mx	-.013	5.5
76	MP4A	X	-21.247	2
77	MP4A	Z	-36.8	2
78	MP4A	Mx	.011	2
79	MP4A	X	-21.247	5.5
80	MP4A	Z	-36.8	5.5
81	MP4A	Mx	.011	5.5
82	MP4B	X	-19.305	2
83	MP4B	Z	-33.437	2
84	MP4B	Mx	.012	2
85	MP4B	X	-19.305	5.5
86	MP4B	Z	-33.437	5.5
87	MP4B	Mx	.012	5.5
88	MP4C	X	-13.118	2
89	MP4C	Z	-22.721	2
90	MP4C	Mx	-.013	2
91	MP4C	X	-13.118	5.5
92	MP4C	Z	-22.721	5.5
93	MP4C	Mx	-.013	5.5
94	MP2A	X	-7.95	4
95	MP2A	Z	-13.771	4
96	MP2A	Mx	-.004	4
97	MP2B	X	-7.542	4
98	MP2B	Z	-13.064	4
99	MP2B	Mx	-.005	4
100	MP2C	X	-6.242	4
101	MP2C	Z	-10.812	4
102	MP2C	Mx	.006	4
103	MP4A	X	-7.713	4
104	MP4A	Z	-13.359	4
105	MP4A	Mx	-.004	4
106	MP4B	X	-7.15	4
107	MP4B	Z	-12.384	4
108	MP4B	Mx	-.005	4
109	MP4C	X	-5.356	4
110	MP4C	Z	-9.276	4
111	MP4C	Mx	.005	4
112	M82	X	-19.247	1
113	M82	Z	-33.336	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	0	6.5
2	MP4C	Z	-1.592	6.5
3	MP4C	Mx	.000938	6.5
4	MP1A	X	0	4.5
5	MP1A	Z	-1.947	4.5
6	MP1A	Mx	0	4.5
7	MP1A	X	0	5.5
8	MP1A	Z	-1.947	5.5
9	MP1A	Mx	0	5.5
10	MP1B	X	0	4.5
11	MP1B	Z	-1.076	4.5
12	MP1B	Mx	.000506	4.5
13	MP1B	X	0	5.5
14	MP1B	Z	-1.076	5.5
15	MP1B	Mx	.000506	5.5
16	MP1C	X	0	4.5
17	MP1C	Z	-1.454	4.5
18	MP1C	Mx	-.000514	4.5
19	MP1C	X	0	5.5
20	MP1C	Z	-1.454	5.5
21	MP1C	Mx	-.000514	5.5
22	MP1A	X	0	1
23	MP1A	Z	-4.988	1
24	MP1A	Mx	0	1
25	MP1A	X	0	3
26	MP1A	Z	-4.988	3
27	MP1A	Mx	0	3
28	MP1B	X	0	1
29	MP1B	Z	-2.1	1
30	MP1B	Mx	.000987	1
31	MP1B	X	0	3
32	MP1B	Z	-2.1	3
33	MP1B	Mx	.000987	3
34	MP1C	X	0	1
35	MP1C	Z	-3.353	1
36	MP1C	Mx	-.001	1
37	MP1C	X	0	3
38	MP1C	Z	-3.353	3
39	MP1C	Mx	-.001	3
40	MP5A	X	0	.5
41	MP5A	Z	-6.477	.5
42	MP5A	Mx	0	.5
43	MP5A	X	0	3.5
44	MP5A	Z	-6.477	3.5
45	MP5A	Mx	0	3.5
46	MP5B	X	0	.5
47	MP5B	Z	-4.499	.5
48	MP5B	Mx	.002	.5
49	MP5B	X	0	3.5
50	MP5B	Z	-4.499	3.5
51	MP5B	Mx	.002	3.5
52	MP5C	X	0	.5
53	MP5C	Z	-5.357	.5
54	MP5C	Mx	-.002	.5
55	MP5C	X	0	3.5
56	MP5C	Z	-5.357	3.5
57	MP5C	Mx	-.002	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	0	2
59	MP3A	Z	-15.612	2
60	MP3A	Mx	0	2
61	MP3A	X	0	5.5
62	MP3A	Z	-15.612	5.5
63	MP3A	Mx	0	5.5
64	MP3B	X	0	2
65	MP3B	Z	-8.287	2
66	MP3B	Mx	.004	2
67	MP3B	X	0	5.5
68	MP3B	Z	-8.287	5.5
69	MP3B	Mx	.004	5.5
70	MP3C	X	0	2
71	MP3C	Z	-11.464	2
72	MP3C	Mx	-.004	2
73	MP3C	X	0	5.5
74	MP3C	Z	-11.464	5.5
75	MP3C	Mx	-.004	5.5
76	MP4A	X	0	2
77	MP4A	Z	-15.612	2
78	MP4A	Mx	0	2
79	MP4A	X	0	5.5
80	MP4A	Z	-15.612	5.5
81	MP4A	Mx	0	5.5
82	MP4B	X	0	2
83	MP4B	Z	-8.287	2
84	MP4B	Mx	.004	2
85	MP4B	X	0	5.5
86	MP4B	Z	-8.287	5.5
87	MP4B	Mx	.004	5.5
88	MP4C	X	0	2
89	MP4C	Z	-11.464	2
90	MP4C	Mx	-.004	2
91	MP4C	X	0	5.5
92	MP4C	Z	-11.464	5.5
93	MP4C	Mx	-.004	5.5
94	MP2A	X	0	4
95	MP2A	Z	-3.944	4
96	MP2A	Mx	0	4
97	MP2B	X	0	4
98	MP2B	Z	-2.798	4
99	MP2B	Mx	-.001	4
100	MP2C	X	0	4
101	MP2C	Z	-3.296	4
102	MP2C	Mx	.001	4
103	MP4A	X	0	4
104	MP4A	Z	-3.944	4
105	MP4A	Mx	0	4
106	MP4B	X	0	4
107	MP4B	Z	-2.371	4
108	MP4B	Mx	-.001	4
109	MP4C	X	0	4
110	MP4C	Z	-3.054	4
111	MP4C	Mx	.001	4
112	M82	X	0	1
113	M82	Z	-8.652	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	1.164	6.5
2	MP4C	Z	-2.017	6.5
3	MP4C	Mx	.000503	6.5
4	MP1A	X	.85	4.5
5	MP1A	Z	-1.472	4.5
6	MP1A	Mx	-.000425	4.5
7	MP1A	X	.85	5.5
8	MP1A	Z	-1.472	5.5
9	MP1A	Mx	-.000425	5.5
10	MP1B	X	.495	4.5
11	MP1B	Z	-.857	4.5
12	MP1B	Mx	.000487	4.5
13	MP1B	X	.495	5.5
14	MP1B	Z	-.857	5.5
15	MP1B	Mx	.000487	5.5
16	MP1C	X	.94	4.5
17	MP1C	Z	-1.629	4.5
18	MP1C	Mx	-.000244	4.5
19	MP1C	X	.94	5.5
20	MP1C	Z	-1.629	5.5
21	MP1C	Mx	-.000244	5.5
22	MP1A	X	2.085	1
23	MP1A	Z	-3.612	1
24	MP1A	Mx	-.001	1
25	MP1A	X	2.085	3
26	MP1A	Z	-3.612	3
27	MP1A	Mx	-.001	3
28	MP1B	X	.908	1
29	MP1B	Z	-1.573	1
30	MP1B	Mx	.000894	1
31	MP1B	X	.908	3
32	MP1B	Z	-1.573	3
33	MP1B	Mx	.000894	3
34	MP1C	X	2.384	1
35	MP1C	Z	-4.13	1
36	MP1C	Mx	-.000617	1
37	MP1C	X	2.384	3
38	MP1C	Z	-4.13	3
39	MP1C	Mx	-.000617	3
40	MP5A	X	2.958	.5
41	MP5A	Z	-5.124	.5
42	MP5A	Mx	-.001	.5
43	MP5A	X	2.958	3.5
44	MP5A	Z	-5.124	3.5
45	MP5A	Mx	-.001	3.5
46	MP5B	X	2.152	.5
47	MP5B	Z	-3.728	.5
48	MP5B	Mx	.002	.5
49	MP5B	X	2.152	3.5
50	MP5B	Z	-3.728	3.5
51	MP5B	Mx	.002	3.5
52	MP5C	X	3.163	.5
53	MP5C	Z	-5.479	.5
54	MP5C	Mx	-.000819	.5
55	MP5C	X	3.163	3.5
56	MP5C	Z	-5.479	3.5
57	MP5C	Mx	-.000819	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	6.769	2
59	MP3A	Z	-11.725	2
60	MP3A	Mx	-.003	2
61	MP3A	X	6.769	5.5
62	MP3A	Z	-11.725	5.5
63	MP3A	Mx	-.003	5.5
64	MP3B	X	3.783	2
65	MP3B	Z	-6.553	2
66	MP3B	Mx	.004	2
67	MP3B	X	3.783	5.5
68	MP3B	Z	-6.553	5.5
69	MP3B	Mx	.004	5.5
70	MP3C	X	7.528	2
71	MP3C	Z	-13.039	2
72	MP3C	Mx	-.002	2
73	MP3C	X	7.528	5.5
74	MP3C	Z	-13.039	5.5
75	MP3C	Mx	-.002	5.5
76	MP4A	X	6.769	2
77	MP4A	Z	-11.725	2
78	MP4A	Mx	-.003	2
79	MP4A	X	6.769	5.5
80	MP4A	Z	-11.725	5.5
81	MP4A	Mx	-.003	5.5
82	MP4B	X	3.783	2
83	MP4B	Z	-6.553	2
84	MP4B	Mx	.004	2
85	MP4B	X	3.783	5.5
86	MP4B	Z	-6.553	5.5
87	MP4B	Mx	.004	5.5
88	MP4C	X	7.528	2
89	MP4C	Z	-13.039	2
90	MP4C	Mx	-.002	2
91	MP4C	X	7.528	5.5
92	MP4C	Z	-13.039	5.5
93	MP4C	Mx	-.002	5.5
94	MP2A	X	1.81	4
95	MP2A	Z	-3.135	4
96	MP2A	Mx	.000905	4
97	MP2B	X	1.343	4
98	MP2B	Z	-2.326	4
99	MP2B	Mx	-.001	4
100	MP2C	X	1.929	4
101	MP2C	Z	-3.341	4
102	MP2C	Mx	.000499	4
103	MP4A	X	1.75	4
104	MP4A	Z	-3.03	4
105	MP4A	Mx	.000875	4
106	MP4B	X	1.108	4
107	MP4B	Z	-1.92	4
108	MP4B	Mx	-.001	4
109	MP4C	X	1.913	4
110	MP4C	Z	-3.313	4
111	MP4C	Mx	.000495	4
112	M82	X	2.783	1
113	M82	Z	-4.821	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	2.017	6.5
2	MP4C	Z	-1.164	6.5
3	MP4C	Mx	-.000503	6.5
4	MP1A	X	1.045	4.5
5	MP1A	Z	-.603	4.5
6	MP1A	Mx	-.000522	4.5
7	MP1A	X	1.045	5.5
8	MP1A	Z	-.603	5.5
9	MP1A	Mx	-.000522	5.5
10	MP1B	X	1.185	4.5
11	MP1B	Z	-.684	4.5
12	MP1B	Mx	.000524	4.5
13	MP1B	X	1.185	5.5
14	MP1B	Z	-.684	5.5
15	MP1B	Mx	.000524	5.5
16	MP1C	X	1.629	4.5
17	MP1C	Z	-.94	4.5
18	MP1C	Mx	.000244	4.5
19	MP1C	X	1.629	5.5
20	MP1C	Z	-.94	5.5
21	MP1C	Mx	.000244	5.5
22	MP1A	X	2.196	1
23	MP1A	Z	-1.268	1
24	MP1A	Mx	-.001	1
25	MP1A	X	2.196	3
26	MP1A	Z	-1.268	3
27	MP1A	Mx	-.001	3
28	MP1B	X	2.658	1
29	MP1B	Z	-1.534	1
30	MP1B	Mx	.001	1
31	MP1B	X	2.658	3
32	MP1B	Z	-1.534	3
33	MP1B	Mx	.001	3
34	MP1C	X	4.13	1
35	MP1C	Z	-2.384	1
36	MP1C	Mx	.000617	1
37	MP1C	X	4.13	3
38	MP1C	Z	-2.384	3
39	MP1C	Mx	.000617	3
40	MP5A	X	4.154	.5
41	MP5A	Z	-2.398	.5
42	MP5A	Mx	-.002	.5
43	MP5A	X	4.154	3.5
44	MP5A	Z	-2.398	3.5
45	MP5A	Mx	-.002	3.5
46	MP5B	X	4.471	.5
47	MP5B	Z	-2.581	.5
48	MP5B	Mx	.002	.5
49	MP5B	X	4.471	3.5
50	MP5B	Z	-2.581	3.5
51	MP5B	Mx	.002	3.5
52	MP5C	X	5.479	.5
53	MP5C	Z	-3.163	.5
54	MP5C	Mx	.000819	.5
55	MP5C	X	5.479	3.5
56	MP5C	Z	-3.163	3.5
57	MP5C	Mx	.000819	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	8.132	2
59	MP3A	Z	-4.695	2
60	MP3A	Mx	-.004	2
61	MP3A	X	8.132	5.5
62	MP3A	Z	-4.695	5.5
63	MP3A	Mx	-.004	5.5
64	MP3B	X	9.305	2
65	MP3B	Z	-5.372	2
66	MP3B	Mx	.004	2
67	MP3B	X	9.305	5.5
68	MP3B	Z	-5.372	5.5
69	MP3B	Mx	.004	5.5
70	MP3C	X	13.039	2
71	MP3C	Z	-7.528	2
72	MP3C	Mx	.002	2
73	MP3C	X	13.039	5.5
74	MP3C	Z	-7.528	5.5
75	MP3C	Mx	.002	5.5
76	MP4A	X	8.132	2
77	MP4A	Z	-4.695	2
78	MP4A	Mx	-.004	2
79	MP4A	X	8.132	5.5
80	MP4A	Z	-4.695	5.5
81	MP4A	Mx	-.004	5.5
82	MP4B	X	9.305	2
83	MP4B	Z	-5.372	2
84	MP4B	Mx	.004	2
85	MP4B	X	9.305	5.5
86	MP4B	Z	-5.372	5.5
87	MP4B	Mx	.004	5.5
88	MP4C	X	13.039	2
89	MP4C	Z	-7.528	2
90	MP4C	Mx	.002	2
91	MP4C	X	13.039	5.5
92	MP4C	Z	-7.528	5.5
93	MP4C	Mx	.002	5.5
94	MP2A	X	2.573	4
95	MP2A	Z	-1.486	4
96	MP2A	Mx	.001	4
97	MP2B	X	2.756	4
98	MP2B	Z	-1.591	4
99	MP2B	Mx	-.001	4
100	MP2C	X	3.341	4
101	MP2C	Z	-1.929	4
102	MP2C	Mx	-.000499	4
103	MP4A	X	2.259	4
104	MP4A	Z	-1.304	4
105	MP4A	Mx	.001	4
106	MP4B	X	2.511	4
107	MP4B	Z	-1.45	4
108	MP4B	Mx	-.001	4
109	MP4C	X	3.313	4
110	MP4C	Z	-1.913	4
111	MP4C	Mx	-.000495	4
112	M82	X	4.821	1
113	M82	Z	-2.783	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	1.592	6.5
2	MP4C	Z	0	6.5
3	MP4C	Mx	-.000938	6.5
4	MP1A	X	.96	4.5
5	MP1A	Z	0	4.5
6	MP1A	Mx	-.00048	4.5
7	MP1A	X	.96	5.5
8	MP1A	Z	0	5.5
9	MP1A	Mx	-.00048	5.5
10	MP1B	X	1.831	4.5
11	MP1B	Z	0	4.5
12	MP1B	Mx	.000313	4.5
13	MP1B	X	1.831	5.5
14	MP1B	Z	0	5.5
15	MP1B	Mx	.000313	5.5
16	MP1C	X	1.454	4.5
17	MP1C	Z	0	4.5
18	MP1C	Mx	.000514	4.5
19	MP1C	X	1.454	5.5
20	MP1C	Z	0	5.5
21	MP1C	Mx	.000514	5.5
22	MP1A	X	1.718	1
23	MP1A	Z	0	1
24	MP1A	Mx	-.000859	1
25	MP1A	X	1.718	3
26	MP1A	Z	0	3
27	MP1A	Mx	-.000859	3
28	MP1B	X	4.605	1
29	MP1B	Z	0	1
30	MP1B	Mx	.000788	1
31	MP1B	X	4.605	3
32	MP1B	Z	0	3
33	MP1B	Mx	.000788	3
34	MP1C	X	3.353	1
35	MP1C	Z	0	1
36	MP1C	Mx	.001	1
37	MP1C	X	3.353	3
38	MP1C	Z	0	3
39	MP1C	Mx	.001	3
40	MP5A	X	4.237	.5
41	MP5A	Z	0	.5
42	MP5A	Mx	-.002	.5
43	MP5A	X	4.237	3.5
44	MP5A	Z	0	3.5
45	MP5A	Mx	-.002	3.5
46	MP5B	X	6.215	.5
47	MP5B	Z	0	.5
48	MP5B	Mx	.001	.5
49	MP5B	X	6.215	3.5
50	MP5B	Z	0	3.5
51	MP5B	Mx	.001	3.5
52	MP5C	X	5.357	.5
53	MP5C	Z	0	.5
54	MP5C	Mx	.002	.5
55	MP5C	X	5.357	3.5
56	MP5C	Z	0	3.5
57	MP5C	Mx	.002	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	7.316	2
59	MP3A	Z	0	2
60	MP3A	Mx	-.004	2
61	MP3A	X	7.316	5.5
62	MP3A	Z	0	5.5
63	MP3A	Mx	-.004	5.5
64	MP3B	X	14.642	2
65	MP3B	Z	0	2
66	MP3B	Mx	.003	2
67	MP3B	X	14.642	5.5
68	MP3B	Z	0	5.5
69	MP3B	Mx	.003	5.5
70	MP3C	X	11.464	2
71	MP3C	Z	0	2
72	MP3C	Mx	.004	2
73	MP3C	X	11.464	5.5
74	MP3C	Z	0	5.5
75	MP3C	Mx	.004	5.5
76	MP4A	X	7.316	2
77	MP4A	Z	0	2
78	MP4A	Mx	-.004	2
79	MP4A	X	7.316	5.5
80	MP4A	Z	0	5.5
81	MP4A	Mx	-.004	5.5
82	MP4B	X	14.642	2
83	MP4B	Z	0	2
84	MP4B	Mx	.003	2
85	MP4B	X	14.642	5.5
86	MP4B	Z	0	5.5
87	MP4B	Mx	.003	5.5
88	MP4C	X	11.464	2
89	MP4C	Z	0	2
90	MP4C	Mx	.004	2
91	MP4C	X	11.464	5.5
92	MP4C	Z	0	5.5
93	MP4C	Mx	.004	5.5
94	MP2A	X	2.647	4
95	MP2A	Z	0	4
96	MP2A	Mx	.001	4
97	MP2B	X	3.793	4
98	MP2B	Z	0	4
99	MP2B	Mx	-.000649	4
100	MP2C	X	3.296	4
101	MP2C	Z	0	4
102	MP2C	Mx	-.001	4
103	MP4A	X	2.163	4
104	MP4A	Z	0	4
105	MP4A	Mx	.001	4
106	MP4B	X	3.736	4
107	MP4B	Z	0	4
108	MP4B	Mx	-.000639	4
109	MP4C	X	3.054	4
110	MP4C	Z	0	4
111	MP4C	Mx	-.001	4
112	M82	X	8.652	1
113	M82	Z	0	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	.74	6.5
2	MP4C	Z	.427	6.5
3	MP4C	Mx	-.000688	6.5
4	MP1A	X	1.045	4.5
5	MP1A	Z	.603	4.5
6	MP1A	Mx	-.000522	4.5
7	MP1A	X	1.045	5.5
8	MP1A	Z	.603	5.5
9	MP1A	Mx	-.000522	5.5
10	MP1B	X	1.66	4.5
11	MP1B	Z	.959	4.5
12	MP1B	Mx	-.000167	4.5
13	MP1B	X	1.66	5.5
14	MP1B	Z	.959	5.5
15	MP1B	Mx	-.000167	5.5
16	MP1C	X	.889	4.5
17	MP1C	Z	.513	4.5
18	MP1C	Mx	.000496	4.5
19	MP1C	X	.889	5.5
20	MP1C	Z	.513	5.5
21	MP1C	Mx	.000496	5.5
22	MP1A	X	2.196	1
23	MP1A	Z	1.268	1
24	MP1A	Mx	-.001	1
25	MP1A	X	2.196	3
26	MP1A	Z	1.268	3
27	MP1A	Mx	-.001	3
28	MP1B	X	4.234	1
29	MP1B	Z	2.445	1
30	MP1B	Mx	-.000425	1
31	MP1B	X	4.234	3
32	MP1B	Z	2.445	3
33	MP1B	Mx	-.000425	3
34	MP1C	X	1.677	1
35	MP1C	Z	.968	1
36	MP1C	Mx	.000935	1
37	MP1C	X	1.677	3
38	MP1C	Z	.968	3
39	MP1C	Mx	.000935	3
40	MP5A	X	4.154	.5
41	MP5A	Z	2.398	.5
42	MP5A	Mx	-.002	.5
43	MP5A	X	4.154	3.5
44	MP5A	Z	2.398	3.5
45	MP5A	Mx	-.002	3.5
46	MP5B	X	5.55	.5
47	MP5B	Z	3.205	.5
48	MP5B	Mx	-.000557	.5
49	MP5B	X	5.55	3.5
50	MP5B	Z	3.205	3.5
51	MP5B	Mx	-.000557	3.5
52	MP5C	X	3.799	.5
53	MP5C	Z	2.193	.5
54	MP5C	Mx	.002	.5
55	MP5C	X	3.799	3.5
56	MP5C	Z	2.193	3.5
57	MP5C	Mx	.002	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	8.132	2
59	MP3A	Z	4.695	2
60	MP3A	Mx	-.004	2
61	MP3A	X	8.132	5.5
62	MP3A	Z	4.695	5.5
63	MP3A	Mx	-.004	5.5
64	MP3B	X	13.304	2
65	MP3B	Z	7.681	2
66	MP3B	Mx	-.001	2
67	MP3B	X	13.304	5.5
68	MP3B	Z	7.681	5.5
69	MP3B	Mx	-.001	5.5
70	MP3C	X	6.817	2
71	MP3C	Z	3.936	2
72	MP3C	Mx	.004	2
73	MP3C	X	6.817	5.5
74	MP3C	Z	3.936	5.5
75	MP3C	Mx	.004	5.5
76	MP4A	X	8.132	2
77	MP4A	Z	4.695	2
78	MP4A	Mx	-.004	2
79	MP4A	X	8.132	5.5
80	MP4A	Z	4.695	5.5
81	MP4A	Mx	-.004	5.5
82	MP4B	X	13.304	2
83	MP4B	Z	7.681	2
84	MP4B	Mx	-.001	2
85	MP4B	X	13.304	5.5
86	MP4B	Z	7.681	5.5
87	MP4B	Mx	-.001	5.5
88	MP4C	X	6.817	2
89	MP4C	Z	3.936	2
90	MP4C	Mx	.004	2
91	MP4C	X	6.817	5.5
92	MP4C	Z	3.936	5.5
93	MP4C	Mx	.004	5.5
94	MP2A	X	2.573	4
95	MP2A	Z	1.486	4
96	MP2A	Mx	.001	4
97	MP2B	X	3.382	4
98	MP2B	Z	1.953	4
99	MP2B	Mx	.000339	4
100	MP2C	X	2.367	4
101	MP2C	Z	1.367	4
102	MP2C	Mx	-.001	4
103	MP4A	X	2.259	4
104	MP4A	Z	1.304	4
105	MP4A	Mx	.001	4
106	MP4B	X	3.369	4
107	MP4B	Z	1.945	4
108	MP4B	Mx	.000338	4
109	MP4C	X	1.977	4
110	MP4C	Z	1.141	4
111	MP4C	Mx	-.001	4
112	M82	X	10.165	1
113	M82	Z	5.869	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	.427	6.5
2	MP4C	Z	.74	6.5
3	MP4C	Mx	-.000688	6.5
4	MP1A	X	.85	4.5
5	MP1A	Z	1.472	4.5
6	MP1A	Mx	-.000425	4.5
7	MP1A	X	.85	5.5
8	MP1A	Z	1.472	5.5
9	MP1A	Mx	-.000425	5.5
10	MP1B	X	.77	4.5
11	MP1B	Z	1.333	4.5
12	MP1B	Mx	-.000495	4.5
13	MP1B	X	.77	5.5
14	MP1B	Z	1.333	5.5
15	MP1B	Mx	-.000495	5.5
16	MP1C	X	.513	4.5
17	MP1C	Z	.889	4.5
18	MP1C	Mx	.000496	4.5
19	MP1C	X	.513	5.5
20	MP1C	Z	.889	5.5
21	MP1C	Mx	.000496	5.5
22	MP1A	X	2.085	1
23	MP1A	Z	3.612	1
24	MP1A	Mx	-.001	1
25	MP1A	X	2.085	3
26	MP1A	Z	3.612	3
27	MP1A	Mx	-.001	3
28	MP1B	X	1.818	1
29	MP1B	Z	3.149	1
30	MP1B	Mx	-.001	1
31	MP1B	X	1.818	3
32	MP1B	Z	3.149	3
33	MP1B	Mx	-.001	3
34	MP1C	X	.968	1
35	MP1C	Z	1.677	1
36	MP1C	Mx	.000935	1
37	MP1C	X	.968	3
38	MP1C	Z	1.677	3
39	MP1C	Mx	.000935	3
40	MP5A	X	2.958	.5
41	MP5A	Z	5.124	.5
42	MP5A	Mx	-.001	.5
43	MP5A	X	2.958	3.5
44	MP5A	Z	5.124	3.5
45	MP5A	Mx	-.001	3.5
46	MP5B	X	2.776	.5
47	MP5B	Z	4.807	.5
48	MP5B	Mx	-.002	.5
49	MP5B	X	2.776	3.5
50	MP5B	Z	4.807	3.5
51	MP5B	Mx	-.002	3.5
52	MP5C	X	2.193	.5
53	MP5C	Z	3.799	.5
54	MP5C	Mx	.002	.5
55	MP5C	X	2.193	3.5
56	MP5C	Z	3.799	3.5
57	MP5C	Mx	.002	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	6.769	2
59	MP3A	Z	11.725	2
60	MP3A	Mx	-.003	2
61	MP3A	X	6.769	5.5
62	MP3A	Z	11.725	5.5
63	MP3A	Mx	-.003	5.5
64	MP3B	X	6.092	2
65	MP3B	Z	10.552	2
66	MP3B	Mx	-.004	2
67	MP3B	X	6.092	5.5
68	MP3B	Z	10.552	5.5
69	MP3B	Mx	-.004	5.5
70	MP3C	X	3.936	2
71	MP3C	Z	6.817	2
72	MP3C	Mx	.004	2
73	MP3C	X	3.936	5.5
74	MP3C	Z	6.817	5.5
75	MP3C	Mx	.004	5.5
76	MP4A	X	6.769	2
77	MP4A	Z	11.725	2
78	MP4A	Mx	-.003	2
79	MP4A	X	6.769	5.5
80	MP4A	Z	11.725	5.5
81	MP4A	Mx	-.003	5.5
82	MP4B	X	6.092	2
83	MP4B	Z	10.552	2
84	MP4B	Mx	-.004	2
85	MP4B	X	6.092	5.5
86	MP4B	Z	10.552	5.5
87	MP4B	Mx	-.004	5.5
88	MP4C	X	3.936	2
89	MP4C	Z	6.817	2
90	MP4C	Mx	.004	2
91	MP4C	X	3.936	5.5
92	MP4C	Z	6.817	5.5
93	MP4C	Mx	.004	5.5
94	MP2A	X	1.81	4
95	MP2A	Z	3.135	4
96	MP2A	Mx	.000905	4
97	MP2B	X	1.704	4
98	MP2B	Z	2.952	4
99	MP2B	Mx	.001	4
100	MP2C	X	1.367	4
101	MP2C	Z	2.367	4
102	MP2C	Mx	-.001	4
103	MP4A	X	1.75	4
104	MP4A	Z	3.03	4
105	MP4A	Mx	.000875	4
106	MP4B	X	1.604	4
107	MP4B	Z	2.779	4
108	MP4B	Mx	.001	4
109	MP4C	X	1.141	4
110	MP4C	Z	1.977	4
111	MP4C	Mx	-.001	4
112	M82	X	5.869	1
113	M82	Z	10.165	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	0	6.5
2	MP4C	Z	1.592	6.5
3	MP4C	Mx	-.000938	6.5
4	MP1A	X	0	4.5
5	MP1A	Z	1.947	4.5
6	MP1A	Mx	0	4.5
7	MP1A	X	0	5.5
8	MP1A	Z	1.947	5.5
9	MP1A	Mx	0	5.5
10	MP1B	X	0	4.5
11	MP1B	Z	1.076	4.5
12	MP1B	Mx	-.000506	4.5
13	MP1B	X	0	5.5
14	MP1B	Z	1.076	5.5
15	MP1B	Mx	-.000506	5.5
16	MP1C	X	0	4.5
17	MP1C	Z	1.454	4.5
18	MP1C	Mx	.000514	4.5
19	MP1C	X	0	5.5
20	MP1C	Z	1.454	5.5
21	MP1C	Mx	.000514	5.5
22	MP1A	X	0	1
23	MP1A	Z	4.988	1
24	MP1A	Mx	0	1
25	MP1A	X	0	3
26	MP1A	Z	4.988	3
27	MP1A	Mx	0	3
28	MP1B	X	0	1
29	MP1B	Z	2.1	1
30	MP1B	Mx	-.000987	1
31	MP1B	X	0	3
32	MP1B	Z	2.1	3
33	MP1B	Mx	-.000987	3
34	MP1C	X	0	1
35	MP1C	Z	3.353	1
36	MP1C	Mx	.001	1
37	MP1C	X	0	3
38	MP1C	Z	3.353	3
39	MP1C	Mx	.001	3
40	MP5A	X	0	.5
41	MP5A	Z	6.477	.5
42	MP5A	Mx	0	.5
43	MP5A	X	0	3.5
44	MP5A	Z	6.477	3.5
45	MP5A	Mx	0	3.5
46	MP5B	X	0	.5
47	MP5B	Z	4.499	.5
48	MP5B	Mx	-.002	.5
49	MP5B	X	0	3.5
50	MP5B	Z	4.499	3.5
51	MP5B	Mx	-.002	3.5
52	MP5C	X	0	.5
53	MP5C	Z	5.357	.5
54	MP5C	Mx	.002	.5
55	MP5C	X	0	3.5
56	MP5C	Z	5.357	3.5
57	MP5C	Mx	.002	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	0	2
59	MP3A	Z	15.612	2
60	MP3A	Mx	0	2
61	MP3A	X	0	5.5
62	MP3A	Z	15.612	5.5
63	MP3A	Mx	0	5.5
64	MP3B	X	0	2
65	MP3B	Z	8.287	2
66	MP3B	Mx	-.004	2
67	MP3B	X	0	5.5
68	MP3B	Z	8.287	5.5
69	MP3B	Mx	-.004	5.5
70	MP3C	X	0	2
71	MP3C	Z	11.464	2
72	MP3C	Mx	.004	2
73	MP3C	X	0	5.5
74	MP3C	Z	11.464	5.5
75	MP3C	Mx	.004	5.5
76	MP4A	X	0	2
77	MP4A	Z	15.612	2
78	MP4A	Mx	0	2
79	MP4A	X	0	5.5
80	MP4A	Z	15.612	5.5
81	MP4A	Mx	0	5.5
82	MP4B	X	0	2
83	MP4B	Z	8.287	2
84	MP4B	Mx	-.004	2
85	MP4B	X	0	5.5
86	MP4B	Z	8.287	5.5
87	MP4B	Mx	-.004	5.5
88	MP4C	X	0	2
89	MP4C	Z	11.464	2
90	MP4C	Mx	.004	2
91	MP4C	X	0	5.5
92	MP4C	Z	11.464	5.5
93	MP4C	Mx	.004	5.5
94	MP2A	X	0	4
95	MP2A	Z	3.944	4
96	MP2A	Mx	0	4
97	MP2B	X	0	4
98	MP2B	Z	2.798	4
99	MP2B	Mx	.001	4
100	MP2C	X	0	4
101	MP2C	Z	3.296	4
102	MP2C	Mx	-.001	4
103	MP4A	X	0	4
104	MP4A	Z	3.944	4
105	MP4A	Mx	0	4
106	MP4B	X	0	4
107	MP4B	Z	2.371	4
108	MP4B	Mx	.001	4
109	MP4C	X	0	4
110	MP4C	Z	3.054	4
111	MP4C	Mx	-.001	4
112	M82	X	0	1
113	M82	Z	8.652	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	-1.164	6.5
2	MP4C	Z	2.017	6.5
3	MP4C	Mx	-.000503	6.5
4	MP1A	X	-.85	4.5
5	MP1A	Z	1.472	4.5
6	MP1A	Mx	.000425	4.5
7	MP1A	X	-.85	5.5
8	MP1A	Z	1.472	5.5
9	MP1A	Mx	.000425	5.5
10	MP1B	X	-.495	4.5
11	MP1B	Z	.857	4.5
12	MP1B	Mx	-.000487	4.5
13	MP1B	X	-.495	5.5
14	MP1B	Z	.857	5.5
15	MP1B	Mx	-.000487	5.5
16	MP1C	X	-.94	4.5
17	MP1C	Z	1.629	4.5
18	MP1C	Mx	.000244	4.5
19	MP1C	X	-.94	5.5
20	MP1C	Z	1.629	5.5
21	MP1C	Mx	.000244	5.5
22	MP1A	X	-2.085	1
23	MP1A	Z	3.612	1
24	MP1A	Mx	.001	1
25	MP1A	X	-2.085	3
26	MP1A	Z	3.612	3
27	MP1A	Mx	.001	3
28	MP1B	X	-.908	1
29	MP1B	Z	1.573	1
30	MP1B	Mx	-.000894	1
31	MP1B	X	-.908	3
32	MP1B	Z	1.573	3
33	MP1B	Mx	-.000894	3
34	MP1C	X	-2.384	1
35	MP1C	Z	4.13	1
36	MP1C	Mx	.000617	1
37	MP1C	X	-2.384	3
38	MP1C	Z	4.13	3
39	MP1C	Mx	.000617	3
40	MP5A	X	-2.958	.5
41	MP5A	Z	5.124	.5
42	MP5A	Mx	.001	.5
43	MP5A	X	-2.958	3.5
44	MP5A	Z	5.124	3.5
45	MP5A	Mx	.001	3.5
46	MP5B	X	-2.152	.5
47	MP5B	Z	3.728	.5
48	MP5B	Mx	-.002	.5
49	MP5B	X	-2.152	3.5
50	MP5B	Z	3.728	3.5
51	MP5B	Mx	-.002	3.5
52	MP5C	X	-3.163	.5
53	MP5C	Z	5.479	.5
54	MP5C	Mx	.000819	.5
55	MP5C	X	-3.163	3.5
56	MP5C	Z	5.479	3.5
57	MP5C	Mx	.000819	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-6.769	2
59	MP3A	Z	11.725	2
60	MP3A	Mx	.003	2
61	MP3A	X	-6.769	5.5
62	MP3A	Z	11.725	5.5
63	MP3A	Mx	.003	5.5
64	MP3B	X	-3.783	2
65	MP3B	Z	6.553	2
66	MP3B	Mx	-.004	2
67	MP3B	X	-3.783	5.5
68	MP3B	Z	6.553	5.5
69	MP3B	Mx	-.004	5.5
70	MP3C	X	-7.528	2
71	MP3C	Z	13.039	2
72	MP3C	Mx	.002	2
73	MP3C	X	-7.528	5.5
74	MP3C	Z	13.039	5.5
75	MP3C	Mx	.002	5.5
76	MP4A	X	-6.769	2
77	MP4A	Z	11.725	2
78	MP4A	Mx	.003	2
79	MP4A	X	-6.769	5.5
80	MP4A	Z	11.725	5.5
81	MP4A	Mx	.003	5.5
82	MP4B	X	-3.783	2
83	MP4B	Z	6.553	2
84	MP4B	Mx	-.004	2
85	MP4B	X	-3.783	5.5
86	MP4B	Z	6.553	5.5
87	MP4B	Mx	-.004	5.5
88	MP4C	X	-7.528	2
89	MP4C	Z	13.039	2
90	MP4C	Mx	.002	2
91	MP4C	X	-7.528	5.5
92	MP4C	Z	13.039	5.5
93	MP4C	Mx	.002	5.5
94	MP2A	X	-1.81	4
95	MP2A	Z	3.135	4
96	MP2A	Mx	-.000905	4
97	MP2B	X	-1.343	4
98	MP2B	Z	2.326	4
99	MP2B	Mx	.001	4
100	MP2C	X	-1.929	4
101	MP2C	Z	3.341	4
102	MP2C	Mx	-.000499	4
103	MP4A	X	-1.75	4
104	MP4A	Z	3.03	4
105	MP4A	Mx	-.000875	4
106	MP4B	X	-1.108	4
107	MP4B	Z	1.92	4
108	MP4B	Mx	.001	4
109	MP4C	X	-1.913	4
110	MP4C	Z	3.313	4
111	MP4C	Mx	-.000495	4
112	M82	X	-2.783	1
113	M82	Z	4.821	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	-2.017	6.5
2	MP4C	Z	1.164	6.5
3	MP4C	Mx	.000503	6.5
4	MP1A	X	-1.045	4.5
5	MP1A	Z	.603	4.5
6	MP1A	Mx	.000522	4.5
7	MP1A	X	-1.045	5.5
8	MP1A	Z	.603	5.5
9	MP1A	Mx	.000522	5.5
10	MP1B	X	-1.185	4.5
11	MP1B	Z	.684	4.5
12	MP1B	Mx	-.000524	4.5
13	MP1B	X	-1.185	5.5
14	MP1B	Z	.684	5.5
15	MP1B	Mx	-.000524	5.5
16	MP1C	X	-1.629	4.5
17	MP1C	Z	.94	4.5
18	MP1C	Mx	-.000244	4.5
19	MP1C	X	-1.629	5.5
20	MP1C	Z	.94	5.5
21	MP1C	Mx	-.000244	5.5
22	MP1A	X	-2.196	1
23	MP1A	Z	1.268	1
24	MP1A	Mx	.001	1
25	MP1A	X	-2.196	3
26	MP1A	Z	1.268	3
27	MP1A	Mx	.001	3
28	MP1B	X	-2.658	1
29	MP1B	Z	1.534	1
30	MP1B	Mx	-.001	1
31	MP1B	X	-2.658	3
32	MP1B	Z	1.534	3
33	MP1B	Mx	-.001	3
34	MP1C	X	-4.13	1
35	MP1C	Z	2.384	1
36	MP1C	Mx	-.000617	1
37	MP1C	X	-4.13	3
38	MP1C	Z	2.384	3
39	MP1C	Mx	-.000617	3
40	MP5A	X	-4.154	.5
41	MP5A	Z	2.398	.5
42	MP5A	Mx	.002	.5
43	MP5A	X	-4.154	3.5
44	MP5A	Z	2.398	3.5
45	MP5A	Mx	.002	3.5
46	MP5B	X	-4.471	.5
47	MP5B	Z	2.581	.5
48	MP5B	Mx	-.002	.5
49	MP5B	X	-4.471	3.5
50	MP5B	Z	2.581	3.5
51	MP5B	Mx	-.002	3.5
52	MP5C	X	-5.479	.5
53	MP5C	Z	3.163	.5
54	MP5C	Mx	-.000819	.5
55	MP5C	X	-5.479	3.5
56	MP5C	Z	3.163	3.5
57	MP5C	Mx	-.000819	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-8.132	2
59	MP3A	Z	4.695	2
60	MP3A	Mx	.004	2
61	MP3A	X	-8.132	5.5
62	MP3A	Z	4.695	5.5
63	MP3A	Mx	.004	5.5
64	MP3B	X	-9.305	2
65	MP3B	Z	5.372	2
66	MP3B	Mx	-.004	2
67	MP3B	X	-9.305	5.5
68	MP3B	Z	5.372	5.5
69	MP3B	Mx	-.004	5.5
70	MP3C	X	-13.039	2
71	MP3C	Z	7.528	2
72	MP3C	Mx	-.002	2
73	MP3C	X	-13.039	5.5
74	MP3C	Z	7.528	5.5
75	MP3C	Mx	-.002	5.5
76	MP4A	X	-8.132	2
77	MP4A	Z	4.695	2
78	MP4A	Mx	.004	2
79	MP4A	X	-8.132	5.5
80	MP4A	Z	4.695	5.5
81	MP4A	Mx	.004	5.5
82	MP4B	X	-9.305	2
83	MP4B	Z	5.372	2
84	MP4B	Mx	-.004	2
85	MP4B	X	-9.305	5.5
86	MP4B	Z	5.372	5.5
87	MP4B	Mx	-.004	5.5
88	MP4C	X	-13.039	2
89	MP4C	Z	7.528	2
90	MP4C	Mx	-.002	2
91	MP4C	X	-13.039	5.5
92	MP4C	Z	7.528	5.5
93	MP4C	Mx	-.002	5.5
94	MP2A	X	-2.573	4
95	MP2A	Z	1.486	4
96	MP2A	Mx	-.001	4
97	MP2B	X	-2.756	4
98	MP2B	Z	1.591	4
99	MP2B	Mx	.001	4
100	MP2C	X	-3.341	4
101	MP2C	Z	1.929	4
102	MP2C	Mx	.000499	4
103	MP4A	X	-2.259	4
104	MP4A	Z	1.304	4
105	MP4A	Mx	-.001	4
106	MP4B	X	-2.511	4
107	MP4B	Z	1.45	4
108	MP4B	Mx	.001	4
109	MP4C	X	-3.313	4
110	MP4C	Z	1.913	4
111	MP4C	Mx	.000495	4
112	M82	X	-4.821	1
113	M82	Z	2.783	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	-1.592	6.5
2	MP4C	Z	0	6.5
3	MP4C	Mx	.000938	6.5
4	MP1A	X	-.96	4.5
5	MP1A	Z	0	4.5
6	MP1A	Mx	.00048	4.5
7	MP1A	X	-.96	5.5
8	MP1A	Z	0	5.5
9	MP1A	Mx	.00048	5.5
10	MP1B	X	-1.831	4.5
11	MP1B	Z	0	4.5
12	MP1B	Mx	-.000313	4.5
13	MP1B	X	-1.831	5.5
14	MP1B	Z	0	5.5
15	MP1B	Mx	-.000313	5.5
16	MP1C	X	-1.454	4.5
17	MP1C	Z	0	4.5
18	MP1C	Mx	-.000514	4.5
19	MP1C	X	-1.454	5.5
20	MP1C	Z	0	5.5
21	MP1C	Mx	-.000514	5.5
22	MP1A	X	-1.718	1
23	MP1A	Z	0	1
24	MP1A	Mx	.000859	1
25	MP1A	X	-1.718	3
26	MP1A	Z	0	3
27	MP1A	Mx	.000859	3
28	MP1B	X	-4.605	1
29	MP1B	Z	0	1
30	MP1B	Mx	-.000788	1
31	MP1B	X	-4.605	3
32	MP1B	Z	0	3
33	MP1B	Mx	-.000788	3
34	MP1C	X	-3.353	1
35	MP1C	Z	0	1
36	MP1C	Mx	-.001	1
37	MP1C	X	-3.353	3
38	MP1C	Z	0	3
39	MP1C	Mx	-.001	3
40	MP5A	X	-4.237	.5
41	MP5A	Z	0	.5
42	MP5A	Mx	.002	.5
43	MP5A	X	-4.237	3.5
44	MP5A	Z	0	3.5
45	MP5A	Mx	.002	3.5
46	MP5B	X	-6.215	.5
47	MP5B	Z	0	.5
48	MP5B	Mx	-.001	.5
49	MP5B	X	-6.215	3.5
50	MP5B	Z	0	3.5
51	MP5B	Mx	-.001	3.5
52	MP5C	X	-5.357	.5
53	MP5C	Z	0	.5
54	MP5C	Mx	-.002	.5
55	MP5C	X	-5.357	3.5
56	MP5C	Z	0	3.5
57	MP5C	Mx	-.002	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-7.316	2
59	MP3A	Z	0	2
60	MP3A	Mx	.004	2
61	MP3A	X	-7.316	5.5
62	MP3A	Z	0	5.5
63	MP3A	Mx	.004	5.5
64	MP3B	X	-14.642	2
65	MP3B	Z	0	2
66	MP3B	Mx	-.003	2
67	MP3B	X	-14.642	5.5
68	MP3B	Z	0	5.5
69	MP3B	Mx	-.003	5.5
70	MP3C	X	-11.464	2
71	MP3C	Z	0	2
72	MP3C	Mx	-.004	2
73	MP3C	X	-11.464	5.5
74	MP3C	Z	0	5.5
75	MP3C	Mx	-.004	5.5
76	MP4A	X	-7.316	2
77	MP4A	Z	0	2
78	MP4A	Mx	.004	2
79	MP4A	X	-7.316	5.5
80	MP4A	Z	0	5.5
81	MP4A	Mx	.004	5.5
82	MP4B	X	-14.642	2
83	MP4B	Z	0	2
84	MP4B	Mx	-.003	2
85	MP4B	X	-14.642	5.5
86	MP4B	Z	0	5.5
87	MP4B	Mx	-.003	5.5
88	MP4C	X	-11.464	2
89	MP4C	Z	0	2
90	MP4C	Mx	-.004	2
91	MP4C	X	-11.464	5.5
92	MP4C	Z	0	5.5
93	MP4C	Mx	-.004	5.5
94	MP2A	X	-2.647	4
95	MP2A	Z	0	4
96	MP2A	Mx	-.001	4
97	MP2B	X	-3.793	4
98	MP2B	Z	0	4
99	MP2B	Mx	.000649	4
100	MP2C	X	-3.296	4
101	MP2C	Z	0	4
102	MP2C	Mx	.001	4
103	MP4A	X	-2.163	4
104	MP4A	Z	0	4
105	MP4A	Mx	-.001	4
106	MP4B	X	-3.736	4
107	MP4B	Z	0	4
108	MP4B	Mx	.000639	4
109	MP4C	X	-3.054	4
110	MP4C	Z	0	4
111	MP4C	Mx	.001	4
112	M82	X	-8.652	1
113	M82	Z	0	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	-.74	6.5
2	MP4C	Z	-.427	6.5
3	MP4C	Mx	.000688	6.5
4	MP1A	X	-1.045	4.5
5	MP1A	Z	-.603	4.5
6	MP1A	Mx	.000522	4.5
7	MP1A	X	-1.045	5.5
8	MP1A	Z	-.603	5.5
9	MP1A	Mx	.000522	5.5
10	MP1B	X	-1.66	4.5
11	MP1B	Z	-.959	4.5
12	MP1B	Mx	.000167	4.5
13	MP1B	X	-1.66	5.5
14	MP1B	Z	-.959	5.5
15	MP1B	Mx	.000167	5.5
16	MP1C	X	-.889	4.5
17	MP1C	Z	-.513	4.5
18	MP1C	Mx	-.000496	4.5
19	MP1C	X	-.889	5.5
20	MP1C	Z	-.513	5.5
21	MP1C	Mx	-.000496	5.5
22	MP1A	X	-2.196	1
23	MP1A	Z	-1.268	1
24	MP1A	Mx	.001	1
25	MP1A	X	-2.196	3
26	MP1A	Z	-1.268	3
27	MP1A	Mx	.001	3
28	MP1B	X	-4.234	1
29	MP1B	Z	-2.445	1
30	MP1B	Mx	.000425	1
31	MP1B	X	-4.234	3
32	MP1B	Z	-2.445	3
33	MP1B	Mx	.000425	3
34	MP1C	X	-1.677	1
35	MP1C	Z	-.968	1
36	MP1C	Mx	-.000935	1
37	MP1C	X	-1.677	3
38	MP1C	Z	-.968	3
39	MP1C	Mx	-.000935	3
40	MP5A	X	-4.154	.5
41	MP5A	Z	-2.398	.5
42	MP5A	Mx	.002	.5
43	MP5A	X	-4.154	3.5
44	MP5A	Z	-2.398	3.5
45	MP5A	Mx	.002	3.5
46	MP5B	X	-5.55	.5
47	MP5B	Z	-3.205	.5
48	MP5B	Mx	.000557	.5
49	MP5B	X	-5.55	3.5
50	MP5B	Z	-3.205	3.5
51	MP5B	Mx	.000557	3.5
52	MP5C	X	-3.799	.5
53	MP5C	Z	-2.193	.5
54	MP5C	Mx	-.002	.5
55	MP5C	X	-3.799	3.5
56	MP5C	Z	-2.193	3.5
57	MP5C	Mx	-.002	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-8.132	2
59	MP3A	Z	-4.695	2
60	MP3A	Mx	.004	2
61	MP3A	X	-8.132	5.5
62	MP3A	Z	-4.695	5.5
63	MP3A	Mx	.004	5.5
64	MP3B	X	-13.304	2
65	MP3B	Z	-7.681	2
66	MP3B	Mx	.001	2
67	MP3B	X	-13.304	5.5
68	MP3B	Z	-7.681	5.5
69	MP3B	Mx	.001	5.5
70	MP3C	X	-6.817	2
71	MP3C	Z	-3.936	2
72	MP3C	Mx	-.004	2
73	MP3C	X	-6.817	5.5
74	MP3C	Z	-3.936	5.5
75	MP3C	Mx	-.004	5.5
76	MP4A	X	-8.132	2
77	MP4A	Z	-4.695	2
78	MP4A	Mx	.004	2
79	MP4A	X	-8.132	5.5
80	MP4A	Z	-4.695	5.5
81	MP4A	Mx	.004	5.5
82	MP4B	X	-13.304	2
83	MP4B	Z	-7.681	2
84	MP4B	Mx	.001	2
85	MP4B	X	-13.304	5.5
86	MP4B	Z	-7.681	5.5
87	MP4B	Mx	.001	5.5
88	MP4C	X	-6.817	2
89	MP4C	Z	-3.936	2
90	MP4C	Mx	-.004	2
91	MP4C	X	-6.817	5.5
92	MP4C	Z	-3.936	5.5
93	MP4C	Mx	-.004	5.5
94	MP2A	X	-2.573	4
95	MP2A	Z	-1.486	4
96	MP2A	Mx	-.001	4
97	MP2B	X	-3.382	4
98	MP2B	Z	-1.953	4
99	MP2B	Mx	-.000339	4
100	MP2C	X	-2.367	4
101	MP2C	Z	-1.367	4
102	MP2C	Mx	.001	4
103	MP4A	X	-2.259	4
104	MP4A	Z	-1.304	4
105	MP4A	Mx	-.001	4
106	MP4B	X	-3.369	4
107	MP4B	Z	-1.945	4
108	MP4B	Mx	-.000338	4
109	MP4C	X	-1.977	4
110	MP4C	Z	-1.141	4
111	MP4C	Mx	.001	4
112	M82	X	-10.165	1
113	M82	Z	-5.869	1
114	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	-.427	6.5
2	MP4C	Z	-.74	6.5
3	MP4C	Mx	.000688	6.5
4	MP1A	X	-.85	4.5
5	MP1A	Z	-1.472	4.5
6	MP1A	Mx	.000425	4.5
7	MP1A	X	-.85	5.5
8	MP1A	Z	-1.472	5.5
9	MP1A	Mx	.000425	5.5
10	MP1B	X	-.77	4.5
11	MP1B	Z	-1.333	4.5
12	MP1B	Mx	.000495	4.5
13	MP1B	X	-.77	5.5
14	MP1B	Z	-1.333	5.5
15	MP1B	Mx	.000495	5.5
16	MP1C	X	-.513	4.5
17	MP1C	Z	-.889	4.5
18	MP1C	Mx	-.000496	4.5
19	MP1C	X	-.513	5.5
20	MP1C	Z	-.889	5.5
21	MP1C	Mx	-.000496	5.5
22	MP1A	X	-2.085	1
23	MP1A	Z	-3.612	1
24	MP1A	Mx	.001	1
25	MP1A	X	-2.085	3
26	MP1A	Z	-3.612	3
27	MP1A	Mx	.001	3
28	MP1B	X	-1.818	1
29	MP1B	Z	-3.149	1
30	MP1B	Mx	.001	1
31	MP1B	X	-1.818	3
32	MP1B	Z	-3.149	3
33	MP1B	Mx	.001	3
34	MP1C	X	-.968	1
35	MP1C	Z	-1.677	1
36	MP1C	Mx	-.000935	1
37	MP1C	X	-.968	3
38	MP1C	Z	-1.677	3
39	MP1C	Mx	-.000935	3
40	MP5A	X	-2.958	.5
41	MP5A	Z	-5.124	.5
42	MP5A	Mx	.001	.5
43	MP5A	X	-2.958	3.5
44	MP5A	Z	-5.124	3.5
45	MP5A	Mx	.001	3.5
46	MP5B	X	-2.776	.5
47	MP5B	Z	-4.807	.5
48	MP5B	Mx	.002	.5
49	MP5B	X	-2.776	3.5
50	MP5B	Z	-4.807	3.5
51	MP5B	Mx	.002	3.5
52	MP5C	X	-2.193	.5
53	MP5C	Z	-3.799	.5
54	MP5C	Mx	-.002	.5
55	MP5C	X	-2.193	3.5
56	MP5C	Z	-3.799	3.5
57	MP5C	Mx	-.002	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-6.769	2
59	MP3A	Z	-11.725	2
60	MP3A	Mx	.003	2
61	MP3A	X	-6.769	5.5
62	MP3A	Z	-11.725	5.5
63	MP3A	Mx	.003	5.5
64	MP3B	X	-6.092	2
65	MP3B	Z	-10.552	2
66	MP3B	Mx	.004	2
67	MP3B	X	-6.092	5.5
68	MP3B	Z	-10.552	5.5
69	MP3B	Mx	.004	5.5
70	MP3C	X	-3.936	2
71	MP3C	Z	-6.817	2
72	MP3C	Mx	-.004	2
73	MP3C	X	-3.936	5.5
74	MP3C	Z	-6.817	5.5
75	MP3C	Mx	-.004	5.5
76	MP4A	X	-6.769	2
77	MP4A	Z	-11.725	2
78	MP4A	Mx	.003	2
79	MP4A	X	-6.769	5.5
80	MP4A	Z	-11.725	5.5
81	MP4A	Mx	.003	5.5
82	MP4B	X	-6.092	2
83	MP4B	Z	-10.552	2
84	MP4B	Mx	.004	2
85	MP4B	X	-6.092	5.5
86	MP4B	Z	-10.552	5.5
87	MP4B	Mx	.004	5.5
88	MP4C	X	-3.936	2
89	MP4C	Z	-6.817	2
90	MP4C	Mx	-.004	2
91	MP4C	X	-3.936	5.5
92	MP4C	Z	-6.817	5.5
93	MP4C	Mx	-.004	5.5
94	MP2A	X	-1.81	4
95	MP2A	Z	-3.135	4
96	MP2A	Mx	-.000905	4
97	MP2B	X	-1.704	4
98	MP2B	Z	-2.952	4
99	MP2B	Mx	-.001	4
100	MP2C	X	-1.367	4
101	MP2C	Z	-2.367	4
102	MP2C	Mx	.001	4
103	MP4A	X	-1.75	4
104	MP4A	Z	-3.03	4
105	MP4A	Mx	-.000875	4
106	MP4B	X	-1.604	4
107	MP4B	Z	-2.779	4
108	MP4B	Mx	-.001	4
109	MP4C	X	-1.141	4
110	MP4C	Z	-1.977	4
111	MP4C	Mx	.001	4
112	M82	X	-5.869	1
113	M82	Z	-10.165	1
114	M82	Mx	0	1

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M62A	Y	-500	%100

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M74	Y	-500	%100

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M34A	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M34A	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	Y	-.717	6.5
2	MP4C	My	-.000423	6.5
3	MP4C	Mz	-.000423	6.5
4	MP1A	Y	-.473	4.5
5	MP1A	My	-.000236	4.5
6	MP1A	Mz	0	4.5
7	MP1A	Y	-.473	5.5
8	MP1A	My	-.000236	5.5
9	MP1A	Mz	0	5.5
10	MP1B	Y	-.473	4.5
11	MP1B	My	8.1e-5	4.5
12	MP1B	Mz	-.000222	4.5
13	MP1B	Y	-.473	5.5
14	MP1B	My	8.1e-5	5.5
15	MP1B	Mz	-.000222	5.5
16	MP1C	Y	-.473	4.5
17	MP1C	My	.000167	4.5
18	MP1C	Mz	.000167	4.5
19	MP1C	Y	-.473	5.5
20	MP1C	My	.000167	5.5
21	MP1C	Mz	.000167	5.5
22	MP1A	Y	-1.775	1
23	MP1A	My	-.000887	1
24	MP1A	Mz	0	1
25	MP1A	Y	-1.775	3
26	MP1A	My	-.000887	3
27	MP1A	Mz	0	3
28	MP1B	Y	-1.775	1
29	MP1B	My	.000303	1
30	MP1B	Mz	-.000834	1
31	MP1B	Y	-1.775	3
32	MP1B	My	.000303	3
33	MP1B	Mz	-.000834	3
34	MP1C	Y	-1.775	1
35	MP1C	My	.000627	1
36	MP1C	Mz	.000627	1
37	MP1C	Y	-1.775	3
38	MP1C	My	.000627	3
39	MP1C	Mz	.000627	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP5A	Y	-.566	.5
41	MP5A	My	-.000283	.5
42	MP5A	Mz	0	.5
43	MP5A	Y	-.566	3.5
44	MP5A	My	-.000283	3.5
45	MP5A	Mz	0	3.5
46	MP5B	Y	-.566	.5
47	MP5B	My	9.7e-5	.5
48	MP5B	Mz	-.000266	.5
49	MP5B	Y	-.566	3.5
50	MP5B	My	9.7e-5	3.5
51	MP5B	Mz	-.000266	3.5
52	MP5C	Y	-.566	.5
53	MP5C	My	.0002	.5
54	MP5C	Mz	.0002	.5
55	MP5C	Y	-.566	3.5
56	MP5C	My	.0002	3.5
57	MP5C	Mz	.0002	3.5
58	MP3A	Y	-1.595	2
59	MP3A	My	-.000798	2
60	MP3A	Mz	0	2
61	MP3A	Y	-1.595	5.5
62	MP3A	My	-.000798	5.5
63	MP3A	Mz	0	5.5
64	MP3B	Y	-1.595	2
65	MP3B	My	.000273	2
66	MP3B	Mz	-.00075	2
67	MP3B	Y	-1.595	5.5
68	MP3B	My	.000273	5.5
69	MP3B	Mz	-.00075	5.5
70	MP3C	Y	-1.595	2
71	MP3C	My	.000564	2
72	MP3C	Mz	.000564	2
73	MP3C	Y	-1.595	5.5
74	MP3C	My	.000564	5.5
75	MP3C	Mz	.000564	5.5
76	MP4A	Y	-1.595	2
77	MP4A	My	-.000798	2
78	MP4A	Mz	0	2
79	MP4A	Y	-1.595	5.5
80	MP4A	My	-.000798	5.5
81	MP4A	Mz	0	5.5
82	MP4B	Y	-1.595	2
83	MP4B	My	.000273	2
84	MP4B	Mz	-.00075	2
85	MP4B	Y	-1.595	5.5
86	MP4B	My	.000273	5.5
87	MP4B	Mz	-.00075	5.5
88	MP4C	Y	-1.595	2
89	MP4C	My	.000564	2
90	MP4C	Mz	.000564	2
91	MP4C	Y	-1.595	5.5
92	MP4C	My	.000564	5.5
93	MP4C	Mz	.000564	5.5
94	MP2A	Y	-3.439	4
95	MP2A	My	.002	4
96	MP2A	Mz	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP2B	Y	-3.439	4
98	MP2B	My	-.000588	4
99	MP2B	Mz	.002	4
100	MP2C	Y	-3.439	4
101	MP2C	My	-.001	4
102	MP2C	Mz	-.001	4
103	MP4A	Y	-2.864	4
104	MP4A	My	.001	4
105	MP4A	Mz	0	4
106	MP4B	Y	-2.864	4
107	MP4B	My	-.00049	4
108	MP4B	Mz	.001	4
109	MP4C	Y	-2.864	4
110	MP4C	My	-.001	4
111	MP4C	Mz	-.001	4
112	M82	Y	-.77	1
113	M82	My	0	1
114	M82	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	Z	-1.793	6.5
2	MP4C	Mx	.001	6.5
3	MP1A	Z	-1.182	4.5
4	MP1A	Mx	0	4.5
5	MP1A	Z	-1.182	5.5
6	MP1A	Mx	0	5.5
7	MP1B	Z	-1.182	4.5
8	MP1B	Mx	.000555	4.5
9	MP1B	Z	-1.182	5.5
10	MP1B	Mx	.000555	5.5
11	MP1C	Z	-1.182	4.5
12	MP1C	Mx	-.000418	4.5
13	MP1C	Z	-1.182	5.5
14	MP1C	Mx	-.000418	5.5
15	MP1A	Z	-4.436	1
16	MP1A	Mx	0	1
17	MP1A	Z	-4.436	3
18	MP1A	Mx	0	3
19	MP1B	Z	-4.436	1
20	MP1B	Mx	.002	1
21	MP1B	Z	-4.436	3
22	MP1B	Mx	.002	3
23	MP1C	Z	-4.436	1
24	MP1C	Mx	-.002	1
25	MP1C	Z	-4.436	3
26	MP1C	Mx	-.002	3
27	MP5A	Z	-1.416	.5
28	MP5A	Mx	0	.5
29	MP5A	Z	-1.416	3.5
30	MP5A	Mx	0	3.5
31	MP5B	Z	-1.416	.5
32	MP5B	Mx	.000665	.5
33	MP5B	Z	-1.416	3.5
34	MP5B	Mx	.000665	3.5
35	MP5C	Z	-1.416	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP5C	Mx	-.000501	.5
37	MP5C	Z	-1.416	3.5
38	MP5C	Mx	-.000501	3.5
39	MP3A	Z	-3.988	2
40	MP3A	Mx	0	2
41	MP3A	Z	-3.988	5.5
42	MP3A	Mx	0	5.5
43	MP3B	Z	-3.988	2
44	MP3B	Mx	.002	2
45	MP3B	Z	-3.988	5.5
46	MP3B	Mx	.002	5.5
47	MP3C	Z	-3.988	2
48	MP3C	Mx	-.001	2
49	MP3C	Z	-3.988	5.5
50	MP3C	Mx	-.001	5.5
51	MP4A	Z	-3.988	2
52	MP4A	Mx	0	2
53	MP4A	Z	-3.988	5.5
54	MP4A	Mx	0	5.5
55	MP4B	Z	-3.988	2
56	MP4B	Mx	.002	2
57	MP4B	Z	-3.988	5.5
58	MP4B	Mx	.002	5.5
59	MP4C	Z	-3.988	2
60	MP4C	Mx	-.001	2
61	MP4C	Z	-3.988	5.5
62	MP4C	Mx	-.001	5.5
63	MP2A	Z	-8.598	4
64	MP2A	Mx	0	4
65	MP2B	Z	-8.598	4
66	MP2B	Mx	-.004	4
67	MP2C	Z	-8.598	4
68	MP2C	Mx	.003	4
69	MP4A	Z	-7.161	4
70	MP4A	Mx	0	4
71	MP4B	Z	-7.161	4
72	MP4B	Mx	-.003	4
73	MP4C	Z	-7.161	4
74	MP4C	Mx	.003	4
75	M82	Z	-1.925	1
76	M82	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4C	X	1.793	6.5
2	MP4C	Mx	-.001	6.5
3	MP1A	X	1.182	4.5
4	MP1A	Mx	-.000591	4.5
5	MP1A	X	1.182	5.5
6	MP1A	Mx	-.000591	5.5
7	MP1B	X	1.182	4.5
8	MP1B	Mx	.000202	4.5
9	MP1B	X	1.182	5.5
10	MP1B	Mx	.000202	5.5
11	MP1C	X	1.182	4.5
12	MP1C	Mx	.000418	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP1C	X	1.182	5.5
14	MP1C	Mx	.000418	5.5
15	MP1A	X	4.436	1
16	MP1A	Mx	-.002	1
17	MP1A	X	4.436	3
18	MP1A	Mx	-.002	3
19	MP1B	X	4.436	1
20	MP1B	Mx	.000759	1
21	MP1B	X	4.436	3
22	MP1B	Mx	.000759	3
23	MP1C	X	4.436	1
24	MP1C	Mx	.002	1
25	MP1C	X	4.436	3
26	MP1C	Mx	.002	3
27	MP5A	X	1.416	.5
28	MP5A	Mx	-.000708	.5
29	MP5A	X	1.416	3.5
30	MP5A	Mx	-.000708	3.5
31	MP5B	X	1.416	.5
32	MP5B	Mx	.000242	.5
33	MP5B	X	1.416	3.5
34	MP5B	Mx	.000242	3.5
35	MP5C	X	1.416	.5
36	MP5C	Mx	.000501	.5
37	MP5C	X	1.416	3.5
38	MP5C	Mx	.000501	3.5
39	MP3A	X	3.988	2
40	MP3A	Mx	-.002	2
41	MP3A	X	3.988	5.5
42	MP3A	Mx	-.002	5.5
43	MP3B	X	3.988	2
44	MP3B	Mx	.000682	2
45	MP3B	X	3.988	5.5
46	MP3B	Mx	.000682	5.5
47	MP3C	X	3.988	2
48	MP3C	Mx	.001	2
49	MP3C	X	3.988	5.5
50	MP3C	Mx	.001	5.5
51	MP4A	X	3.988	2
52	MP4A	Mx	-.002	2
53	MP4A	X	3.988	5.5
54	MP4A	Mx	-.002	5.5
55	MP4B	X	3.988	2
56	MP4B	Mx	.000682	2
57	MP4B	X	3.988	5.5
58	MP4B	Mx	.000682	5.5
59	MP4C	X	3.988	2
60	MP4C	Mx	.001	2
61	MP4C	X	3.988	5.5
62	MP4C	Mx	.001	5.5
63	MP2A	X	8.598	4
64	MP2A	Mx	.004	4
65	MP2B	X	8.598	4
66	MP2B	Mx	-.001	4
67	MP2C	X	8.598	4
68	MP2C	Mx	-.003	4
69	MP4A	X	7.161	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP4A	Mx	.004	4
71	MP4B	X	7.161	4
72	MP4B	Mx	-.001	4
73	MP4C	X	7.161	4
74	MP4C	Mx	-.003	4
75	M82	X	1.925	1
76	M82	Mx	0	1

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	M34A	Y	-12.324	-12.324	0	%100
2	M35A	Y	-12.324	-12.324	0	%100
3	M36A	Y	-12.324	-12.324	0	%100
4	M37	Y	-12.324	-12.324	0	%100
5	M38A	Y	-15.969	-15.969	0	%100
6	M39A	Y	-15.969	-15.969	0	%100
7	M40	Y	-15.969	-15.969	0	%100
8	M41	Y	-12.324	-12.324	0	%100
9	M42	Y	-12.324	-12.324	0	%100
10	M43	Y	-18.191	-18.191	0	%100
11	M44	Y	-15.257	-15.257	0	%100
12	M45	Y	-18.191	-18.191	0	%100
13	M46	Y	-15.257	-15.257	0	%100
14	M47	Y	-18.191	-18.191	0	%100
15	M48	Y	-15.257	-15.257	0	%100
16	M49	Y	-8.449	-8.449	0	%100
17	M50	Y	-8.449	-8.449	0	%100
18	M51	Y	-8.449	-8.449	0	%100
19	M58A	Y	-11.002	-11.002	0	%100
20	M59A	Y	-11.002	-11.002	0	%100
21	M60A	Y	-11.002	-11.002	0	%100
22	MP1A	Y	-8.449	-8.449	0	%100
23	MP2A	Y	-8.449	-8.449	0	%100
24	MP3A	Y	-8.449	-8.449	0	%100
25	M72	Y	-8.449	-8.449	0	%100
26	MP4A	Y	-8.449	-8.449	0	%100
27	MP5A	Y	-8.449	-8.449	0	%100
28	MP1C	Y	-8.449	-8.449	0	%100
29	MP2C	Y	-8.449	-8.449	0	%100
30	MP3C	Y	-8.449	-8.449	0	%100
31	M57A	Y	-8.449	-8.449	0	%100
32	MP4C	Y	-8.449	-8.449	0	%100
33	MP5C	Y	-8.449	-8.449	0	%100
34	MP1B	Y	-8.449	-8.449	0	%100
35	MP2B	Y	-8.449	-8.449	0	%100
36	MP3B	Y	-8.449	-8.449	0	%100
37	M75A	Y	-8.449	-8.449	0	%100
38	MP4B	Y	-8.449	-8.449	0	%100
39	MP5B	Y	-8.449	-8.449	0	%100
40	M82	Y	-8.449	-8.449	0	%100
41	M84	Y	-14.673	-14.673	0	%100
42	M85	Y	-14.673	-14.673	0	%100
43	M86	Y	-14.673	-14.673	0	%100
44	M87	Y	-12.324	-12.324	0	%100
45	M94	Y	-12.324	-12.324	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,%]
46	M95	Y	-12.324	-12.324	0	%100
47	M96	Y	-12.324	-12.324	0	%100
48	M97	Y	-12.324	-12.324	0	%100
49	M98	Y	-12.324	-12.324	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M34A	X	0	0	0	%100
2	M34A	Z	-19.685	-19.685	0	%100
3	M35A	X	0	0	0	%100
4	M35A	Z	-4.921	-4.921	0	%100
5	M36A	X	0	0	0	%100
6	M36A	Z	-4.921	-4.921	0	%100
7	M37	X	0	0	0	%100
8	M37	Z	-19.685	-19.685	0	%100
9	M38A	X	0	0	0	%100
10	M38A	Z	-12.467	-12.467	0	%100
11	M39A	X	0	0	0	%100
12	M39A	Z	0	0	0	%100
13	M40	X	0	0	0	%100
14	M40	Z	-12.466	-12.466	0	%100
15	M41	X	0	0	0	%100
16	M41	Z	-4.921	-4.921	0	%100
17	M42	X	0	0	0	%100
18	M42	Z	-4.922	-4.922	0	%100
19	M43	X	0	0	0	%100
20	M43	Z	0	0	0	%100
21	M44	X	0	0	0	%100
22	M44	Z	0	0	0	%100
23	M45	X	0	0	0	%100
24	M45	Z	-10.759	-10.759	0	%100
25	M46	X	0	0	0	%100
26	M46	Z	-8.435	-8.435	0	%100
27	M47	X	0	0	0	%100
28	M47	Z	-10.759	-10.759	0	%100
29	M48	X	0	0	0	%100
30	M48	Z	-8.435	-8.435	0	%100
31	M49	X	0	0	0	%100
32	M49	Z	-9.351	-9.351	0	%100
33	M50	X	0	0	0	%100
34	M50	Z	-2.338	-2.338	0	%100
35	M51	X	0	0	0	%100
36	M51	Z	-2.338	-2.338	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	-14.112	-14.112	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	-3.528	-3.528	0	%100
41	M60A	X	0	0	0	%100
42	M60A	Z	-3.528	-3.528	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	-9.351	-9.351	0	%100
45	MP2A	X	0	0	0	%100
46	MP2A	Z	-9.351	-9.351	0	%100
47	MP3A	X	0	0	0	%100
48	MP3A	Z	-9.351	-9.351	0	%100
49	M72	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
50	M72	Z	-9.351	-9.351	0	%100
51	MP4A	X	0	0	0	%100
52	MP4A	Z	-9.351	-9.351	0	%100
53	MP5A	X	0	0	0	%100
54	MP5A	Z	-9.351	-9.351	0	%100
55	MP1C	X	0	0	0	%100
56	MP1C	Z	-9.351	-9.351	0	%100
57	MP2C	X	0	0	0	%100
58	MP2C	Z	-9.351	-9.351	0	%100
59	MP3C	X	0	0	0	%100
60	MP3C	Z	-9.351	-9.351	0	%100
61	M57A	X	0	0	0	%100
62	M57A	Z	-9.351	-9.351	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	-9.351	-9.351	0	%100
65	MP5C	X	0	0	0	%100
66	MP5C	Z	-9.351	-9.351	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	-9.351	-9.351	0	%100
69	MP2B	X	0	0	0	%100
70	MP2B	Z	-9.351	-9.351	0	%100
71	MP3B	X	0	0	0	%100
72	MP3B	Z	-9.351	-9.351	0	%100
73	M75A	X	0	0	0	%100
74	M75A	Z	-9.351	-9.351	0	%100
75	MP4B	X	0	0	0	%100
76	MP4B	Z	-9.351	-9.351	0	%100
77	MP5B	X	0	0	0	%100
78	MP5B	Z	-9.351	-9.351	0	%100
79	M82	X	0	0	0	%100
80	M82	Z	-8.521	-8.521	0	%100
81	M84	X	0	0	0	%100
82	M84	Z	-8.337	-8.337	0	%100
83	M85	X	0	0	0	%100
84	M85	Z	-14.388	-14.388	0	%100
85	M86	X	0	0	0	%100
86	M86	Z	-14.387	-14.387	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	-14.767	-14.767	0	%100
89	M94	X	0	0	0	%100
90	M94	Z	-14.767	-14.767	0	%100
91	M95	X	0	0	0	%100
92	M95	Z	-16.388	-16.388	0	%100
93	M96	X	0	0	0	%100
94	M96	Z	-16.388	-16.388	0	%100
95	M97	X	0	0	0	%100
96	M97	Z	-16.388	-16.388	0	%100
97	M98	X	0	0	0	%100
98	M98	Z	-16.388	-16.388	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	M34A	X	7.382	7.382	0	%100
2	M34A	Z	-12.786	-12.786	0	%100
3	M35A	X	7.382	7.382	0	%100
4	M35A	Z	-12.786	-12.786	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,%]
5	M36A	X	0	0	0	%100
6	M36A	Z	0	0	0	%100
7	M37	X	7.382	7.382	0	%100
8	M37	Z	-12.786	-12.786	0	%100
9	M38A	X	8.312	8.312	0	%100
10	M38A	Z	-14.396	-14.396	0	%100
11	M39A	X	2.078	2.078	0	%100
12	M39A	Z	-3.599	-3.599	0	%100
13	M40	X	2.077	2.077	0	%100
14	M40	Z	-3.598	-3.598	0	%100
15	M41	X	7.382	7.382	0	%100
16	M41	Z	-12.786	-12.786	0	%100
17	M42	X	0	0	0	%100
18	M42	Z	0	0	0	%100
19	M43	X	1.793	1.793	0	%100
20	M43	Z	-3.106	-3.106	0	%100
21	M44	X	1.406	1.406	0	%100
22	M44	Z	-2.435	-2.435	0	%100
23	M45	X	1.793	1.793	0	%100
24	M45	Z	-3.106	-3.106	0	%100
25	M46	X	1.406	1.406	0	%100
26	M46	Z	-2.435	-2.435	0	%100
27	M47	X	7.172	7.172	0	%100
28	M47	Z	-12.423	-12.423	0	%100
29	M48	X	5.623	5.623	0	%100
30	M48	Z	-9.74	-9.74	0	%100
31	M49	X	3.506	3.506	0	%100
32	M49	Z	-6.073	-6.073	0	%100
33	M50	X	3.506	3.506	0	%100
34	M50	Z	-6.073	-6.073	0	%100
35	M51	X	0	0	0	%100
36	M51	Z	0	0	0	%100
37	M58A	X	5.292	5.292	0	%100
38	M58A	Z	-9.166	-9.166	0	%100
39	M59A	X	5.292	5.292	0	%100
40	M59A	Z	-9.166	-9.166	0	%100
41	M60A	X	0	0	0	%100
42	M60A	Z	0	0	0	%100
43	MP1A	X	4.675	4.675	0	%100
44	MP1A	Z	-8.098	-8.098	0	%100
45	MP2A	X	4.675	4.675	0	%100
46	MP2A	Z	-8.098	-8.098	0	%100
47	MP3A	X	4.675	4.675	0	%100
48	MP3A	Z	-8.098	-8.098	0	%100
49	M72	X	4.675	4.675	0	%100
50	M72	Z	-8.098	-8.098	0	%100
51	MP4A	X	4.675	4.675	0	%100
52	MP4A	Z	-8.098	-8.098	0	%100
53	MP5A	X	4.675	4.675	0	%100
54	MP5A	Z	-8.098	-8.098	0	%100
55	MP1C	X	4.675	4.675	0	%100
56	MP1C	Z	-8.098	-8.098	0	%100
57	MP2C	X	4.675	4.675	0	%100
58	MP2C	Z	-8.098	-8.098	0	%100
59	MP3C	X	4.675	4.675	0	%100
60	MP3C	Z	-8.098	-8.098	0	%100
61	M57A	X	4.675	4.675	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,%]
62	M57A	Z	-8.098	-8.098	0	%100
63	MP4C	X	4.675	4.675	0	%100
64	MP4C	Z	-8.098	-8.098	0	%100
65	MP5C	X	4.675	4.675	0	%100
66	MP5C	Z	-8.098	-8.098	0	%100
67	MP1B	X	4.675	4.675	0	%100
68	MP1B	Z	-8.098	-8.098	0	%100
69	MP2B	X	4.675	4.675	0	%100
70	MP2B	Z	-8.098	-8.098	0	%100
71	MP3B	X	4.675	4.675	0	%100
72	MP3B	Z	-8.098	-8.098	0	%100
73	M75A	X	4.675	4.675	0	%100
74	M75A	Z	-8.098	-8.098	0	%100
75	MP4B	X	4.675	4.675	0	%100
76	MP4B	Z	-8.098	-8.098	0	%100
77	MP5B	X	4.675	4.675	0	%100
78	MP5B	Z	-8.098	-8.098	0	%100
79	M82	X	4.261	4.261	0	%100
80	M82	Z	-7.38	-7.38	0	%100
81	M84	X	5.177	5.177	0	%100
82	M84	Z	-8.967	-8.967	0	%100
83	M85	X	5.177	5.177	0	%100
84	M85	Z	-8.967	-8.967	0	%100
85	M86	X	8.202	8.202	0	%100
86	M86	Z	-14.207	-14.207	0	%100
87	M87	X	7.654	7.654	0	%100
88	M87	Z	-13.257	-13.257	0	%100
89	M94	X	7.654	7.654	0	%100
90	M94	Z	-13.257	-13.257	0	%100
91	M95	X	7.654	7.654	0	%100
92	M95	Z	-13.257	-13.257	0	%100
93	M96	X	7.654	7.654	0	%100
94	M96	Z	-13.257	-13.257	0	%100
95	M97	X	8.464	8.464	0	%100
96	M97	Z	-14.66	-14.66	0	%100
97	M98	X	8.464	8.464	0	%100
98	M98	Z	-14.66	-14.66	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	M34A	X	4.262	4.262	0	%100
2	M34A	Z	-2.461	-2.461	0	%100
3	M35A	X	17.048	17.048	0	%100
4	M35A	Z	-9.843	-9.843	0	%100
5	M36A	X	4.262	4.262	0	%100
6	M36A	Z	-2.461	-2.461	0	%100
7	M37	X	4.262	4.262	0	%100
8	M37	Z	-2.461	-2.461	0	%100
9	M38A	X	10.797	10.797	0	%100
10	M38A	Z	-6.234	-6.234	0	%100
11	M39A	X	10.797	10.797	0	%100
12	M39A	Z	-6.233	-6.233	0	%100
13	M40	X	0	0	0	%100
14	M40	Z	0	0	0	%100
15	M41	X	17.048	17.048	0	%100
16	M41	Z	-9.843	-9.843	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,%]
17	M42	X	4.262	4.262	0	%100
18	M42	Z	-2.46	-2.46	0	%100
19	M43	X	9.317	9.317	0	%100
20	M43	Z	-5.379	-5.379	0	%100
21	M44	X	7.305	7.305	0	%100
22	M44	Z	-4.217	-4.217	0	%100
23	M45	X	0	0	0	%100
24	M45	Z	0	0	0	%100
25	M46	X	0	0	0	%100
26	M46	Z	0	0	0	%100
27	M47	X	9.317	9.317	0	%100
28	M47	Z	-5.379	-5.379	0	%100
29	M48	X	7.305	7.305	0	%100
30	M48	Z	-4.217	-4.217	0	%100
31	M49	X	2.024	2.024	0	%100
32	M49	Z	-1.169	-1.169	0	%100
33	M50	X	8.098	8.098	0	%100
34	M50	Z	-4.675	-4.675	0	%100
35	M51	X	2.024	2.024	0	%100
36	M51	Z	-1.169	-1.169	0	%100
37	M58A	X	3.055	3.055	0	%100
38	M58A	Z	-1.764	-1.764	0	%100
39	M59A	X	12.222	12.222	0	%100
40	M59A	Z	-7.056	-7.056	0	%100
41	M60A	X	3.055	3.055	0	%100
42	M60A	Z	-1.764	-1.764	0	%100
43	MP1A	X	8.098	8.098	0	%100
44	MP1A	Z	-4.675	-4.675	0	%100
45	MP2A	X	8.098	8.098	0	%100
46	MP2A	Z	-4.675	-4.675	0	%100
47	MP3A	X	8.098	8.098	0	%100
48	MP3A	Z	-4.675	-4.675	0	%100
49	M72	X	8.098	8.098	0	%100
50	M72	Z	-4.675	-4.675	0	%100
51	MP4A	X	8.098	8.098	0	%100
52	MP4A	Z	-4.675	-4.675	0	%100
53	MP5A	X	8.098	8.098	0	%100
54	MP5A	Z	-4.675	-4.675	0	%100
55	MP1C	X	8.098	8.098	0	%100
56	MP1C	Z	-4.675	-4.675	0	%100
57	MP2C	X	8.098	8.098	0	%100
58	MP2C	Z	-4.675	-4.675	0	%100
59	MP3C	X	8.098	8.098	0	%100
60	MP3C	Z	-4.675	-4.675	0	%100
61	M57A	X	8.098	8.098	0	%100
62	M57A	Z	-4.675	-4.675	0	%100
63	MP4C	X	8.098	8.098	0	%100
64	MP4C	Z	-4.675	-4.675	0	%100
65	MP5C	X	8.098	8.098	0	%100
66	MP5C	Z	-4.675	-4.675	0	%100
67	MP1B	X	8.098	8.098	0	%100
68	MP1B	Z	-4.675	-4.675	0	%100
69	MP2B	X	8.098	8.098	0	%100
70	MP2B	Z	-4.675	-4.675	0	%100
71	MP3B	X	8.098	8.098	0	%100
72	MP3B	Z	-4.675	-4.675	0	%100
73	M75A	X	8.098	8.098	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,%]
74	M75A	Z	-4.675	-4.675	0	%100
75	MP4B	X	8.098	8.098	0	%100
76	MP4B	Z	-4.675	-4.675	0	%100
77	MP5B	X	8.098	8.098	0	%100
78	MP5B	Z	-4.675	-4.675	0	%100
79	M82	X	7.38	7.38	0	%100
80	M82	Z	-4.261	-4.261	0	%100
81	M84	X	12.46	12.46	0	%100
82	M84	Z	-7.194	-7.194	0	%100
83	M85	X	7.22	7.22	0	%100
84	M85	Z	-4.169	-4.169	0	%100
85	M86	X	12.46	12.46	0	%100
86	M86	Z	-7.194	-7.194	0	%100
87	M87	X	14.192	14.192	0	%100
88	M87	Z	-8.194	-8.194	0	%100
89	M94	X	14.192	14.192	0	%100
90	M94	Z	-8.194	-8.194	0	%100
91	M95	X	12.789	12.789	0	%100
92	M95	Z	-7.384	-7.384	0	%100
93	M96	X	12.789	12.789	0	%100
94	M96	Z	-7.384	-7.384	0	%100
95	M97	X	14.192	14.192	0	%100
96	M97	Z	-8.194	-8.194	0	%100
97	M98	X	14.192	14.192	0	%100
98	M98	Z	-8.194	-8.194	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	M34A	X	0	0	0	%100
2	M34A	Z	0	0	0	%100
3	M35A	X	14.765	14.765	0	%100
4	M35A	Z	0	0	0	%100
5	M36A	X	14.764	14.764	0	%100
6	M36A	Z	0	0	0	%100
7	M37	X	0	0	0	%100
8	M37	Z	0	0	0	%100
9	M38A	X	4.156	4.156	0	%100
10	M38A	Z	0	0	0	%100
11	M39A	X	16.623	16.623	0	%100
12	M39A	Z	0	0	0	%100
13	M40	X	4.157	4.157	0	%100
14	M40	Z	0	0	0	%100
15	M41	X	14.765	14.765	0	%100
16	M41	Z	0	0	0	%100
17	M42	X	14.764	14.764	0	%100
18	M42	Z	0	0	0	%100
19	M43	X	14.345	14.345	0	%100
20	M43	Z	0	0	0	%100
21	M44	X	11.246	11.246	0	%100
22	M44	Z	0	0	0	%100
23	M45	X	3.586	3.586	0	%100
24	M45	Z	0	0	0	%100
25	M46	X	2.812	2.812	0	%100
26	M46	Z	0	0	0	%100
27	M47	X	3.586	3.586	0	%100
28	M47	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M48	X	2.812	2.812	0	%100
30	M48	Z	0	0	0	%100
31	M49	X	0	0	0	%100
32	M49	Z	0	0	0	%100
33	M50	X	7.013	7.013	0	%100
34	M50	Z	0	0	0	%100
35	M51	X	7.013	7.013	0	%100
36	M51	Z	0	0	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	10.584	10.584	0	%100
40	M59A	Z	0	0	0	%100
41	M60A	X	10.584	10.584	0	%100
42	M60A	Z	0	0	0	%100
43	MP1A	X	9.351	9.351	0	%100
44	MP1A	Z	0	0	0	%100
45	MP2A	X	9.351	9.351	0	%100
46	MP2A	Z	0	0	0	%100
47	MP3A	X	9.351	9.351	0	%100
48	MP3A	Z	0	0	0	%100
49	M72	X	9.351	9.351	0	%100
50	M72	Z	0	0	0	%100
51	MP4A	X	9.351	9.351	0	%100
52	MP4A	Z	0	0	0	%100
53	MP5A	X	9.351	9.351	0	%100
54	MP5A	Z	0	0	0	%100
55	MP1C	X	9.351	9.351	0	%100
56	MP1C	Z	0	0	0	%100
57	MP2C	X	9.351	9.351	0	%100
58	MP2C	Z	0	0	0	%100
59	MP3C	X	9.351	9.351	0	%100
60	MP3C	Z	0	0	0	%100
61	M57A	X	9.351	9.351	0	%100
62	M57A	Z	0	0	0	%100
63	MP4C	X	9.351	9.351	0	%100
64	MP4C	Z	0	0	0	%100
65	MP5C	X	9.351	9.351	0	%100
66	MP5C	Z	0	0	0	%100
67	MP1B	X	9.351	9.351	0	%100
68	MP1B	Z	0	0	0	%100
69	MP2B	X	9.351	9.351	0	%100
70	MP2B	Z	0	0	0	%100
71	MP3B	X	9.351	9.351	0	%100
72	MP3B	Z	0	0	0	%100
73	M75A	X	9.351	9.351	0	%100
74	M75A	Z	0	0	0	%100
75	MP4B	X	9.351	9.351	0	%100
76	MP4B	Z	0	0	0	%100
77	MP5B	X	9.351	9.351	0	%100
78	MP5B	Z	0	0	0	%100
79	M82	X	8.521	8.521	0	%100
80	M82	Z	0	0	0	%100
81	M84	X	16.405	16.405	0	%100
82	M84	Z	0	0	0	%100
83	M85	X	10.354	10.354	0	%100
84	M85	Z	0	0	0	%100
85	M86	X	10.354	10.354	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
86	M86	Z	0	0	0	%100
87	M87	X	16.928	16.928	0	%100
88	M87	Z	0	0	0	%100
89	M94	X	16.928	16.928	0	%100
90	M94	Z	0	0	0	%100
91	M95	X	15.308	15.308	0	%100
92	M95	Z	0	0	0	%100
93	M96	X	15.307	15.307	0	%100
94	M96	Z	0	0	0	%100
95	M97	X	15.308	15.308	0	%100
96	M97	Z	0	0	0	%100
97	M98	X	15.307	15.307	0	%100
98	M98	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	M34A	X	4.262	4.262	0	%100
2	M34A	Z	2.461	2.461	0	%100
3	M35A	X	4.262	4.262	0	%100
4	M35A	Z	2.461	2.461	0	%100
5	M36A	X	17.048	17.048	0	%100
6	M36A	Z	9.843	9.843	0	%100
7	M37	X	4.262	4.262	0	%100
8	M37	Z	2.46	2.46	0	%100
9	M38A	X	0	0	0	%100
10	M38A	Z	0	0	0	%100
11	M39A	X	10.797	10.797	0	%100
12	M39A	Z	6.234	6.234	0	%100
13	M40	X	10.798	10.798	0	%100
14	M40	Z	6.234	6.234	0	%100
15	M41	X	4.262	4.262	0	%100
16	M41	Z	2.461	2.461	0	%100
17	M42	X	17.048	17.048	0	%100
18	M42	Z	9.843	9.843	0	%100
19	M43	X	9.317	9.317	0	%100
20	M43	Z	5.379	5.379	0	%100
21	M44	X	7.305	7.305	0	%100
22	M44	Z	4.217	4.217	0	%100
23	M45	X	9.317	9.317	0	%100
24	M45	Z	5.379	5.379	0	%100
25	M46	X	7.305	7.305	0	%100
26	M46	Z	4.217	4.217	0	%100
27	M47	X	0	0	0	%100
28	M47	Z	0	0	0	%100
29	M48	X	0	0	0	%100
30	M48	Z	0	0	0	%100
31	M49	X	2.024	2.024	0	%100
32	M49	Z	1.169	1.169	0	%100
33	M50	X	2.024	2.024	0	%100
34	M50	Z	1.169	1.169	0	%100
35	M51	X	8.098	8.098	0	%100
36	M51	Z	4.675	4.675	0	%100
37	M58A	X	3.055	3.055	0	%100
38	M58A	Z	1.764	1.764	0	%100
39	M59A	X	3.055	3.055	0	%100
40	M59A	Z	1.764	1.764	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
41	M60A	X	12.222	12.222	0	%100
42	M60A	Z	7.056	7.056	0	%100
43	MP1A	X	8.098	8.098	0	%100
44	MP1A	Z	4.675	4.675	0	%100
45	MP2A	X	8.098	8.098	0	%100
46	MP2A	Z	4.675	4.675	0	%100
47	MP3A	X	8.098	8.098	0	%100
48	MP3A	Z	4.675	4.675	0	%100
49	M72	X	8.098	8.098	0	%100
50	M72	Z	4.675	4.675	0	%100
51	MP4A	X	8.098	8.098	0	%100
52	MP4A	Z	4.675	4.675	0	%100
53	MP5A	X	8.098	8.098	0	%100
54	MP5A	Z	4.675	4.675	0	%100
55	MP1C	X	8.098	8.098	0	%100
56	MP1C	Z	4.675	4.675	0	%100
57	MP2C	X	8.098	8.098	0	%100
58	MP2C	Z	4.675	4.675	0	%100
59	MP3C	X	8.098	8.098	0	%100
60	MP3C	Z	4.675	4.675	0	%100
61	M57A	X	8.098	8.098	0	%100
62	M57A	Z	4.675	4.675	0	%100
63	MP4C	X	8.098	8.098	0	%100
64	MP4C	Z	4.675	4.675	0	%100
65	MP5C	X	8.098	8.098	0	%100
66	MP5C	Z	4.675	4.675	0	%100
67	MP1B	X	8.098	8.098	0	%100
68	MP1B	Z	4.675	4.675	0	%100
69	MP2B	X	8.098	8.098	0	%100
70	MP2B	Z	4.675	4.675	0	%100
71	MP3B	X	8.098	8.098	0	%100
72	MP3B	Z	4.675	4.675	0	%100
73	M75A	X	8.098	8.098	0	%100
74	M75A	Z	4.675	4.675	0	%100
75	MP4B	X	8.098	8.098	0	%100
76	MP4B	Z	4.675	4.675	0	%100
77	MP5B	X	8.098	8.098	0	%100
78	MP5B	Z	4.675	4.675	0	%100
79	M82	X	7.38	7.38	0	%100
80	M82	Z	4.261	4.261	0	%100
81	M84	X	12.46	12.46	0	%100
82	M84	Z	7.194	7.194	0	%100
83	M85	X	12.46	12.46	0	%100
84	M85	Z	7.194	7.194	0	%100
85	M86	X	7.22	7.22	0	%100
86	M86	Z	4.169	4.169	0	%100
87	M87	X	14.192	14.192	0	%100
88	M87	Z	8.194	8.194	0	%100
89	M94	X	14.192	14.192	0	%100
90	M94	Z	8.194	8.194	0	%100
91	M95	X	14.192	14.192	0	%100
92	M95	Z	8.194	8.194	0	%100
93	M96	X	14.192	14.192	0	%100
94	M96	Z	8.194	8.194	0	%100
95	M97	X	12.789	12.789	0	%100
96	M97	Z	7.384	7.384	0	%100
97	M98	X	12.789	12.789	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
98	M98	Z	7.384	7.384	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M34A	X	7.382	7.382	0	%100
2	M34A	Z	12.786	12.786	0	%100
3	M35A	X	0	0	0	%100
4	M35A	Z	0	0	0	%100
5	M36A	X	7.382	7.382	0	%100
6	M36A	Z	12.786	12.786	0	%100
7	M37	X	7.382	7.382	0	%100
8	M37	Z	12.786	12.786	0	%100
9	M38A	X	2.078	2.078	0	%100
10	M38A	Z	3.599	3.599	0	%100
11	M39A	X	2.078	2.078	0	%100
12	M39A	Z	3.599	3.599	0	%100
13	M40	X	8.312	8.312	0	%100
14	M40	Z	14.396	14.396	0	%100
15	M41	X	0	0	0	%100
16	M41	Z	0	0	0	%100
17	M42	X	7.382	7.382	0	%100
18	M42	Z	12.786	12.786	0	%100
19	M43	X	1.793	1.793	0	%100
20	M43	Z	3.106	3.106	0	%100
21	M44	X	1.406	1.406	0	%100
22	M44	Z	2.435	2.435	0	%100
23	M45	X	7.172	7.172	0	%100
24	M45	Z	12.423	12.423	0	%100
25	M46	X	5.623	5.623	0	%100
26	M46	Z	9.74	9.74	0	%100
27	M47	X	1.793	1.793	0	%100
28	M47	Z	3.106	3.106	0	%100
29	M48	X	1.406	1.406	0	%100
30	M48	Z	2.435	2.435	0	%100
31	M49	X	3.506	3.506	0	%100
32	M49	Z	6.073	6.073	0	%100
33	M50	X	0	0	0	%100
34	M50	Z	0	0	0	%100
35	M51	X	3.506	3.506	0	%100
36	M51	Z	6.073	6.073	0	%100
37	M58A	X	5.292	5.292	0	%100
38	M58A	Z	9.166	9.166	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	0	0	0	%100
41	M60A	X	5.292	5.292	0	%100
42	M60A	Z	9.166	9.166	0	%100
43	MP1A	X	4.675	4.675	0	%100
44	MP1A	Z	8.098	8.098	0	%100
45	MP2A	X	4.675	4.675	0	%100
46	MP2A	Z	8.098	8.098	0	%100
47	MP3A	X	4.675	4.675	0	%100
48	MP3A	Z	8.098	8.098	0	%100
49	M72	X	4.675	4.675	0	%100
50	M72	Z	8.098	8.098	0	%100
51	MP4A	X	4.675	4.675	0	%100
52	MP4A	Z	8.098	8.098	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	MP5A	X	4.675	4.675	0	%100
54	MP5A	Z	8.098	8.098	0	%100
55	MP1C	X	4.675	4.675	0	%100
56	MP1C	Z	8.098	8.098	0	%100
57	MP2C	X	4.675	4.675	0	%100
58	MP2C	Z	8.098	8.098	0	%100
59	MP3C	X	4.675	4.675	0	%100
60	MP3C	Z	8.098	8.098	0	%100
61	M57A	X	4.675	4.675	0	%100
62	M57A	Z	8.098	8.098	0	%100
63	MP4C	X	4.675	4.675	0	%100
64	MP4C	Z	8.098	8.098	0	%100
65	MP5C	X	4.675	4.675	0	%100
66	MP5C	Z	8.098	8.098	0	%100
67	MP1B	X	4.675	4.675	0	%100
68	MP1B	Z	8.098	8.098	0	%100
69	MP2B	X	4.675	4.675	0	%100
70	MP2B	Z	8.098	8.098	0	%100
71	MP3B	X	4.675	4.675	0	%100
72	MP3B	Z	8.098	8.098	0	%100
73	M75A	X	4.675	4.675	0	%100
74	M75A	Z	8.098	8.098	0	%100
75	MP4B	X	4.675	4.675	0	%100
76	MP4B	Z	8.098	8.098	0	%100
77	MP5B	X	4.675	4.675	0	%100
78	MP5B	Z	8.098	8.098	0	%100
79	M82	X	4.261	4.261	0	%100
80	M82	Z	7.38	7.38	0	%100
81	M84	X	5.177	5.177	0	%100
82	M84	Z	8.967	8.967	0	%100
83	M85	X	8.202	8.202	0	%100
84	M85	Z	14.207	14.207	0	%100
85	M86	X	5.177	5.177	0	%100
86	M86	Z	8.967	8.967	0	%100
87	M87	X	7.654	7.654	0	%100
88	M87	Z	13.257	13.257	0	%100
89	M94	X	7.654	7.654	0	%100
90	M94	Z	13.257	13.257	0	%100
91	M95	X	8.464	8.464	0	%100
92	M95	Z	14.66	14.66	0	%100
93	M96	X	8.464	8.464	0	%100
94	M96	Z	14.66	14.66	0	%100
95	M97	X	7.654	7.654	0	%100
96	M97	Z	13.257	13.257	0	%100
97	M98	X	7.654	7.654	0	%100
98	M98	Z	13.257	13.257	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	M34A	X	0	0	0	%100
2	M34A	Z	19.685	19.685	0	%100
3	M35A	X	0	0	0	%100
4	M35A	Z	4.921	4.921	0	%100
5	M36A	X	0	0	0	%100
6	M36A	Z	4.921	4.921	0	%100
7	M37	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	M37	Z	19.685	19.685	0	%100
9	M38A	X	0	0	0	%100
10	M38A	Z	12.467	12.467	0	%100
11	M39A	X	0	0	0	%100
12	M39A	Z	0	0	0	%100
13	M40	X	0	0	0	%100
14	M40	Z	12.466	12.466	0	%100
15	M41	X	0	0	0	%100
16	M41	Z	4.921	4.921	0	%100
17	M42	X	0	0	0	%100
18	M42	Z	4.922	4.922	0	%100
19	M43	X	0	0	0	%100
20	M43	Z	0	0	0	%100
21	M44	X	0	0	0	%100
22	M44	Z	0	0	0	%100
23	M45	X	0	0	0	%100
24	M45	Z	10.759	10.759	0	%100
25	M46	X	0	0	0	%100
26	M46	Z	8.435	8.435	0	%100
27	M47	X	0	0	0	%100
28	M47	Z	10.759	10.759	0	%100
29	M48	X	0	0	0	%100
30	M48	Z	8.435	8.435	0	%100
31	M49	X	0	0	0	%100
32	M49	Z	9.351	9.351	0	%100
33	M50	X	0	0	0	%100
34	M50	Z	2.338	2.338	0	%100
35	M51	X	0	0	0	%100
36	M51	Z	2.338	2.338	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	14.112	14.112	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	3.528	3.528	0	%100
41	M60A	X	0	0	0	%100
42	M60A	Z	3.528	3.528	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	9.351	9.351	0	%100
45	MP2A	X	0	0	0	%100
46	MP2A	Z	9.351	9.351	0	%100
47	MP3A	X	0	0	0	%100
48	MP3A	Z	9.351	9.351	0	%100
49	M72	X	0	0	0	%100
50	M72	Z	9.351	9.351	0	%100
51	MP4A	X	0	0	0	%100
52	MP4A	Z	9.351	9.351	0	%100
53	MP5A	X	0	0	0	%100
54	MP5A	Z	9.351	9.351	0	%100
55	MP1C	X	0	0	0	%100
56	MP1C	Z	9.351	9.351	0	%100
57	MP2C	X	0	0	0	%100
58	MP2C	Z	9.351	9.351	0	%100
59	MP3C	X	0	0	0	%100
60	MP3C	Z	9.351	9.351	0	%100
61	M57A	X	0	0	0	%100
62	M57A	Z	9.351	9.351	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	9.351	9.351	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,%]
65	MP5C	X	0	0	0	%100
66	MP5C	Z	9.351	9.351	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	9.351	9.351	0	%100
69	MP2B	X	0	0	0	%100
70	MP2B	Z	9.351	9.351	0	%100
71	MP3B	X	0	0	0	%100
72	MP3B	Z	9.351	9.351	0	%100
73	M75A	X	0	0	0	%100
74	M75A	Z	9.351	9.351	0	%100
75	MP4B	X	0	0	0	%100
76	MP4B	Z	9.351	9.351	0	%100
77	MP5B	X	0	0	0	%100
78	MP5B	Z	9.351	9.351	0	%100
79	M82	X	0	0	0	%100
80	M82	Z	8.521	8.521	0	%100
81	M84	X	0	0	0	%100
82	M84	Z	8.337	8.337	0	%100
83	M85	X	0	0	0	%100
84	M85	Z	14.388	14.388	0	%100
85	M86	X	0	0	0	%100
86	M86	Z	14.387	14.387	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	14.767	14.767	0	%100
89	M94	X	0	0	0	%100
90	M94	Z	14.767	14.767	0	%100
91	M95	X	0	0	0	%100
92	M95	Z	16.388	16.388	0	%100
93	M96	X	0	0	0	%100
94	M96	Z	16.388	16.388	0	%100
95	M97	X	0	0	0	%100
96	M97	Z	16.388	16.388	0	%100
97	M98	X	0	0	0	%100
98	M98	Z	16.388	16.388	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M34A	X	-7.382	-7.382	0	%100
2	M34A	Z	12.786	12.786	0	%100
3	M35A	X	-7.382	-7.382	0	%100
4	M35A	Z	12.786	12.786	0	%100
5	M36A	X	0	0	0	%100
6	M36A	Z	0	0	0	%100
7	M37	X	-7.382	-7.382	0	%100
8	M37	Z	12.786	12.786	0	%100
9	M38A	X	-8.312	-8.312	0	%100
10	M38A	Z	14.396	14.396	0	%100
11	M39A	X	-2.078	-2.078	0	%100
12	M39A	Z	3.599	3.599	0	%100
13	M40	X	-2.077	-2.077	0	%100
14	M40	Z	3.598	3.598	0	%100
15	M41	X	-7.382	-7.382	0	%100
16	M41	Z	12.786	12.786	0	%100
17	M42	X	0	0	0	%100
18	M42	Z	0	0	0	%100
19	M43	X	-1.793	-1.793	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
20	M43	Z	3.106	3.106	0	%100
21	M44	X	-1.406	-1.406	0	%100
22	M44	Z	2.435	2.435	0	%100
23	M45	X	-1.793	-1.793	0	%100
24	M45	Z	3.106	3.106	0	%100
25	M46	X	-1.406	-1.406	0	%100
26	M46	Z	2.435	2.435	0	%100
27	M47	X	-7.172	-7.172	0	%100
28	M47	Z	12.423	12.423	0	%100
29	M48	X	-5.623	-5.623	0	%100
30	M48	Z	9.74	9.74	0	%100
31	M49	X	-3.506	-3.506	0	%100
32	M49	Z	6.073	6.073	0	%100
33	M50	X	-3.506	-3.506	0	%100
34	M50	Z	6.073	6.073	0	%100
35	M51	X	0	0	0	%100
36	M51	Z	0	0	0	%100
37	M58A	X	-5.292	-5.292	0	%100
38	M58A	Z	9.166	9.166	0	%100
39	M59A	X	-5.292	-5.292	0	%100
40	M59A	Z	9.166	9.166	0	%100
41	M60A	X	0	0	0	%100
42	M60A	Z	0	0	0	%100
43	MP1A	X	-4.675	-4.675	0	%100
44	MP1A	Z	8.098	8.098	0	%100
45	MP2A	X	-4.675	-4.675	0	%100
46	MP2A	Z	8.098	8.098	0	%100
47	MP3A	X	-4.675	-4.675	0	%100
48	MP3A	Z	8.098	8.098	0	%100
49	M72	X	-4.675	-4.675	0	%100
50	M72	Z	8.098	8.098	0	%100
51	MP4A	X	-4.675	-4.675	0	%100
52	MP4A	Z	8.098	8.098	0	%100
53	MP5A	X	-4.675	-4.675	0	%100
54	MP5A	Z	8.098	8.098	0	%100
55	MP1C	X	-4.675	-4.675	0	%100
56	MP1C	Z	8.098	8.098	0	%100
57	MP2C	X	-4.675	-4.675	0	%100
58	MP2C	Z	8.098	8.098	0	%100
59	MP3C	X	-4.675	-4.675	0	%100
60	MP3C	Z	8.098	8.098	0	%100
61	M57A	X	-4.675	-4.675	0	%100
62	M57A	Z	8.098	8.098	0	%100
63	MP4C	X	-4.675	-4.675	0	%100
64	MP4C	Z	8.098	8.098	0	%100
65	MP5C	X	-4.675	-4.675	0	%100
66	MP5C	Z	8.098	8.098	0	%100
67	MP1B	X	-4.675	-4.675	0	%100
68	MP1B	Z	8.098	8.098	0	%100
69	MP2B	X	-4.675	-4.675	0	%100
70	MP2B	Z	8.098	8.098	0	%100
71	MP3B	X	-4.675	-4.675	0	%100
72	MP3B	Z	8.098	8.098	0	%100
73	M75A	X	-4.675	-4.675	0	%100
74	M75A	Z	8.098	8.098	0	%100
75	MP4B	X	-4.675	-4.675	0	%100
76	MP4B	Z	8.098	8.098	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	MP5B	X	-4.675	-4.675	0	%100
78	MP5B	Z	8.098	8.098	0	%100
79	M82	X	-4.261	-4.261	0	%100
80	M82	Z	7.38	7.38	0	%100
81	M84	X	-5.177	-5.177	0	%100
82	M84	Z	8.967	8.967	0	%100
83	M85	X	-5.177	-5.177	0	%100
84	M85	Z	8.967	8.967	0	%100
85	M86	X	-8.202	-8.202	0	%100
86	M86	Z	14.207	14.207	0	%100
87	M87	X	-7.654	-7.654	0	%100
88	M87	Z	13.257	13.257	0	%100
89	M94	X	-7.654	-7.654	0	%100
90	M94	Z	13.257	13.257	0	%100
91	M95	X	-7.654	-7.654	0	%100
92	M95	Z	13.257	13.257	0	%100
93	M96	X	-7.654	-7.654	0	%100
94	M96	Z	13.257	13.257	0	%100
95	M97	X	-8.464	-8.464	0	%100
96	M97	Z	14.66	14.66	0	%100
97	M98	X	-8.464	-8.464	0	%100
98	M98	Z	14.66	14.66	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	M34A	X	-4.262	-4.262	0	%100
2	M34A	Z	2.461	2.461	0	%100
3	M35A	X	-17.048	-17.048	0	%100
4	M35A	Z	9.843	9.843	0	%100
5	M36A	X	-4.262	-4.262	0	%100
6	M36A	Z	2.461	2.461	0	%100
7	M37	X	-4.262	-4.262	0	%100
8	M37	Z	2.461	2.461	0	%100
9	M38A	X	-10.797	-10.797	0	%100
10	M38A	Z	6.234	6.234	0	%100
11	M39A	X	-10.797	-10.797	0	%100
12	M39A	Z	6.233	6.233	0	%100
13	M40	X	0	0	0	%100
14	M40	Z	0	0	0	%100
15	M41	X	-17.048	-17.048	0	%100
16	M41	Z	9.843	9.843	0	%100
17	M42	X	-4.262	-4.262	0	%100
18	M42	Z	2.46	2.46	0	%100
19	M43	X	-9.317	-9.317	0	%100
20	M43	Z	5.379	5.379	0	%100
21	M44	X	-7.305	-7.305	0	%100
22	M44	Z	4.217	4.217	0	%100
23	M45	X	0	0	0	%100
24	M45	Z	0	0	0	%100
25	M46	X	0	0	0	%100
26	M46	Z	0	0	0	%100
27	M47	X	-9.317	-9.317	0	%100
28	M47	Z	5.379	5.379	0	%100
29	M48	X	-7.305	-7.305	0	%100
30	M48	Z	4.217	4.217	0	%100
31	M49	X	-2.024	-2.024	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
32	M49	Z	1.169	1.169	0	%100
33	M50	X	-8.098	-8.098	0	%100
34	M50	Z	4.675	4.675	0	%100
35	M51	X	-2.024	-2.024	0	%100
36	M51	Z	1.169	1.169	0	%100
37	M58A	X	-3.055	-3.055	0	%100
38	M58A	Z	1.764	1.764	0	%100
39	M59A	X	-12.222	-12.222	0	%100
40	M59A	Z	7.056	7.056	0	%100
41	M60A	X	-3.055	-3.055	0	%100
42	M60A	Z	1.764	1.764	0	%100
43	MP1A	X	-8.098	-8.098	0	%100
44	MP1A	Z	4.675	4.675	0	%100
45	MP2A	X	-8.098	-8.098	0	%100
46	MP2A	Z	4.675	4.675	0	%100
47	MP3A	X	-8.098	-8.098	0	%100
48	MP3A	Z	4.675	4.675	0	%100
49	M72	X	-8.098	-8.098	0	%100
50	M72	Z	4.675	4.675	0	%100
51	MP4A	X	-8.098	-8.098	0	%100
52	MP4A	Z	4.675	4.675	0	%100
53	MP5A	X	-8.098	-8.098	0	%100
54	MP5A	Z	4.675	4.675	0	%100
55	MP1C	X	-8.098	-8.098	0	%100
56	MP1C	Z	4.675	4.675	0	%100
57	MP2C	X	-8.098	-8.098	0	%100
58	MP2C	Z	4.675	4.675	0	%100
59	MP3C	X	-8.098	-8.098	0	%100
60	MP3C	Z	4.675	4.675	0	%100
61	M57A	X	-8.098	-8.098	0	%100
62	M57A	Z	4.675	4.675	0	%100
63	MP4C	X	-8.098	-8.098	0	%100
64	MP4C	Z	4.675	4.675	0	%100
65	MP5C	X	-8.098	-8.098	0	%100
66	MP5C	Z	4.675	4.675	0	%100
67	MP1B	X	-8.098	-8.098	0	%100
68	MP1B	Z	4.675	4.675	0	%100
69	MP2B	X	-8.098	-8.098	0	%100
70	MP2B	Z	4.675	4.675	0	%100
71	MP3B	X	-8.098	-8.098	0	%100
72	MP3B	Z	4.675	4.675	0	%100
73	M75A	X	-8.098	-8.098	0	%100
74	M75A	Z	4.675	4.675	0	%100
75	MP4B	X	-8.098	-8.098	0	%100
76	MP4B	Z	4.675	4.675	0	%100
77	MP5B	X	-8.098	-8.098	0	%100
78	MP5B	Z	4.675	4.675	0	%100
79	M82	X	-7.38	-7.38	0	%100
80	M82	Z	4.261	4.261	0	%100
81	M84	X	-12.46	-12.46	0	%100
82	M84	Z	7.194	7.194	0	%100
83	M85	X	-7.22	-7.22	0	%100
84	M85	Z	4.169	4.169	0	%100
85	M86	X	-12.46	-12.46	0	%100
86	M86	Z	7.194	7.194	0	%100
87	M87	X	-14.192	-14.192	0	%100
88	M87	Z	8.194	8.194	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
89	M94	X	-14.192	-14.192	0	%100
90	M94	Z	8.194	8.194	0	%100
91	M95	X	-12.789	-12.789	0	%100
92	M95	Z	7.384	7.384	0	%100
93	M96	X	-12.789	-12.789	0	%100
94	M96	Z	7.384	7.384	0	%100
95	M97	X	-14.192	-14.192	0	%100
96	M97	Z	8.194	8.194	0	%100
97	M98	X	-14.192	-14.192	0	%100
98	M98	Z	8.194	8.194	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	M34A	X	0	0	0	%100
2	M34A	Z	0	0	0	%100
3	M35A	X	-14.765	-14.765	0	%100
4	M35A	Z	0	0	0	%100
5	M36A	X	-14.764	-14.764	0	%100
6	M36A	Z	0	0	0	%100
7	M37	X	0	0	0	%100
8	M37	Z	0	0	0	%100
9	M38A	X	-4.156	-4.156	0	%100
10	M38A	Z	0	0	0	%100
11	M39A	X	-16.623	-16.623	0	%100
12	M39A	Z	0	0	0	%100
13	M40	X	-4.157	-4.157	0	%100
14	M40	Z	0	0	0	%100
15	M41	X	-14.765	-14.765	0	%100
16	M41	Z	0	0	0	%100
17	M42	X	-14.764	-14.764	0	%100
18	M42	Z	0	0	0	%100
19	M43	X	-14.345	-14.345	0	%100
20	M43	Z	0	0	0	%100
21	M44	X	-11.246	-11.246	0	%100
22	M44	Z	0	0	0	%100
23	M45	X	-3.586	-3.586	0	%100
24	M45	Z	0	0	0	%100
25	M46	X	-2.812	-2.812	0	%100
26	M46	Z	0	0	0	%100
27	M47	X	-3.586	-3.586	0	%100
28	M47	Z	0	0	0	%100
29	M48	X	-2.812	-2.812	0	%100
30	M48	Z	0	0	0	%100
31	M49	X	0	0	0	%100
32	M49	Z	0	0	0	%100
33	M50	X	-7.013	-7.013	0	%100
34	M50	Z	0	0	0	%100
35	M51	X	-7.013	-7.013	0	%100
36	M51	Z	0	0	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	-10.584	-10.584	0	%100
40	M59A	Z	0	0	0	%100
41	M60A	X	-10.584	-10.584	0	%100
42	M60A	Z	0	0	0	%100
43	MP1A	X	-9.351	-9.351	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
44	MP1A	Z	0	0	0	%100
45	MP2A	X	-9.351	-9.351	0	%100
46	MP2A	Z	0	0	0	%100
47	MP3A	X	-9.351	-9.351	0	%100
48	MP3A	Z	0	0	0	%100
49	M72	X	-9.351	-9.351	0	%100
50	M72	Z	0	0	0	%100
51	MP4A	X	-9.351	-9.351	0	%100
52	MP4A	Z	0	0	0	%100
53	MP5A	X	-9.351	-9.351	0	%100
54	MP5A	Z	0	0	0	%100
55	MP1C	X	-9.351	-9.351	0	%100
56	MP1C	Z	0	0	0	%100
57	MP2C	X	-9.351	-9.351	0	%100
58	MP2C	Z	0	0	0	%100
59	MP3C	X	-9.351	-9.351	0	%100
60	MP3C	Z	0	0	0	%100
61	M57A	X	-9.351	-9.351	0	%100
62	M57A	Z	0	0	0	%100
63	MP4C	X	-9.351	-9.351	0	%100
64	MP4C	Z	0	0	0	%100
65	MP5C	X	-9.351	-9.351	0	%100
66	MP5C	Z	0	0	0	%100
67	MP1B	X	-9.351	-9.351	0	%100
68	MP1B	Z	0	0	0	%100
69	MP2B	X	-9.351	-9.351	0	%100
70	MP2B	Z	0	0	0	%100
71	MP3B	X	-9.351	-9.351	0	%100
72	MP3B	Z	0	0	0	%100
73	M75A	X	-9.351	-9.351	0	%100
74	M75A	Z	0	0	0	%100
75	MP4B	X	-9.351	-9.351	0	%100
76	MP4B	Z	0	0	0	%100
77	MP5B	X	-9.351	-9.351	0	%100
78	MP5B	Z	0	0	0	%100
79	M82	X	-8.521	-8.521	0	%100
80	M82	Z	0	0	0	%100
81	M84	X	-16.405	-16.405	0	%100
82	M84	Z	0	0	0	%100
83	M85	X	-10.354	-10.354	0	%100
84	M85	Z	0	0	0	%100
85	M86	X	-10.354	-10.354	0	%100
86	M86	Z	0	0	0	%100
87	M87	X	-16.928	-16.928	0	%100
88	M87	Z	0	0	0	%100
89	M94	X	-16.928	-16.928	0	%100
90	M94	Z	0	0	0	%100
91	M95	X	-15.308	-15.308	0	%100
92	M95	Z	0	0	0	%100
93	M96	X	-15.307	-15.307	0	%100
94	M96	Z	0	0	0	%100
95	M97	X	-15.308	-15.308	0	%100
96	M97	Z	0	0	0	%100
97	M98	X	-15.307	-15.307	0	%100
98	M98	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M34A	X	-4.262	-4.262	0	%100
2	M34A	Z	-2.461	-2.461	0	%100
3	M35A	X	-4.262	-4.262	0	%100
4	M35A	Z	-2.461	-2.461	0	%100
5	M36A	X	-17.048	-17.048	0	%100
6	M36A	Z	-9.843	-9.843	0	%100
7	M37	X	-4.262	-4.262	0	%100
8	M37	Z	-2.46	-2.46	0	%100
9	M38A	X	0	0	0	%100
10	M38A	Z	0	0	0	%100
11	M39A	X	-10.797	-10.797	0	%100
12	M39A	Z	-6.234	-6.234	0	%100
13	M40	X	-10.798	-10.798	0	%100
14	M40	Z	-6.234	-6.234	0	%100
15	M41	X	-4.262	-4.262	0	%100
16	M41	Z	-2.461	-2.461	0	%100
17	M42	X	-17.048	-17.048	0	%100
18	M42	Z	-9.843	-9.843	0	%100
19	M43	X	-9.317	-9.317	0	%100
20	M43	Z	-5.379	-5.379	0	%100
21	M44	X	-7.305	-7.305	0	%100
22	M44	Z	-4.217	-4.217	0	%100
23	M45	X	-9.317	-9.317	0	%100
24	M45	Z	-5.379	-5.379	0	%100
25	M46	X	-7.305	-7.305	0	%100
26	M46	Z	-4.217	-4.217	0	%100
27	M47	X	0	0	0	%100
28	M47	Z	0	0	0	%100
29	M48	X	0	0	0	%100
30	M48	Z	0	0	0	%100
31	M49	X	-2.024	-2.024	0	%100
32	M49	Z	-1.169	-1.169	0	%100
33	M50	X	-2.024	-2.024	0	%100
34	M50	Z	-1.169	-1.169	0	%100
35	M51	X	-8.098	-8.098	0	%100
36	M51	Z	-4.675	-4.675	0	%100
37	M58A	X	-3.055	-3.055	0	%100
38	M58A	Z	-1.764	-1.764	0	%100
39	M59A	X	-3.055	-3.055	0	%100
40	M59A	Z	-1.764	-1.764	0	%100
41	M60A	X	-12.222	-12.222	0	%100
42	M60A	Z	-7.056	-7.056	0	%100
43	MP1A	X	-8.098	-8.098	0	%100
44	MP1A	Z	-4.675	-4.675	0	%100
45	MP2A	X	-8.098	-8.098	0	%100
46	MP2A	Z	-4.675	-4.675	0	%100
47	MP3A	X	-8.098	-8.098	0	%100
48	MP3A	Z	-4.675	-4.675	0	%100
49	M72	X	-8.098	-8.098	0	%100
50	M72	Z	-4.675	-4.675	0	%100
51	MP4A	X	-8.098	-8.098	0	%100
52	MP4A	Z	-4.675	-4.675	0	%100
53	MP5A	X	-8.098	-8.098	0	%100
54	MP5A	Z	-4.675	-4.675	0	%100
55	MP1C	X	-8.098	-8.098	0	%100
56	MP1C	Z	-4.675	-4.675	0	%100
57	MP2C	X	-8.098	-8.098	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP2C	Z	-4.675	-4.675	0	%100
59	MP3C	X	-8.098	-8.098	0	%100
60	MP3C	Z	-4.675	-4.675	0	%100
61	M57A	X	-8.098	-8.098	0	%100
62	M57A	Z	-4.675	-4.675	0	%100
63	MP4C	X	-8.098	-8.098	0	%100
64	MP4C	Z	-4.675	-4.675	0	%100
65	MP5C	X	-8.098	-8.098	0	%100
66	MP5C	Z	-4.675	-4.675	0	%100
67	MP1B	X	-8.098	-8.098	0	%100
68	MP1B	Z	-4.675	-4.675	0	%100
69	MP2B	X	-8.098	-8.098	0	%100
70	MP2B	Z	-4.675	-4.675	0	%100
71	MP3B	X	-8.098	-8.098	0	%100
72	MP3B	Z	-4.675	-4.675	0	%100
73	M75A	X	-8.098	-8.098	0	%100
74	M75A	Z	-4.675	-4.675	0	%100
75	MP4B	X	-8.098	-8.098	0	%100
76	MP4B	Z	-4.675	-4.675	0	%100
77	MP5B	X	-8.098	-8.098	0	%100
78	MP5B	Z	-4.675	-4.675	0	%100
79	M82	X	-7.38	-7.38	0	%100
80	M82	Z	-4.261	-4.261	0	%100
81	M84	X	-12.46	-12.46	0	%100
82	M84	Z	-7.194	-7.194	0	%100
83	M85	X	-12.46	-12.46	0	%100
84	M85	Z	-7.194	-7.194	0	%100
85	M86	X	-7.22	-7.22	0	%100
86	M86	Z	-4.169	-4.169	0	%100
87	M87	X	-14.192	-14.192	0	%100
88	M87	Z	-8.194	-8.194	0	%100
89	M94	X	-14.192	-14.192	0	%100
90	M94	Z	-8.194	-8.194	0	%100
91	M95	X	-14.192	-14.192	0	%100
92	M95	Z	-8.194	-8.194	0	%100
93	M96	X	-14.192	-14.192	0	%100
94	M96	Z	-8.194	-8.194	0	%100
95	M97	X	-12.789	-12.789	0	%100
96	M97	Z	-7.384	-7.384	0	%100
97	M98	X	-12.789	-12.789	0	%100
98	M98	Z	-7.384	-7.384	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	M34A	X	-7.382	-7.382	0	%100
2	M34A	Z	-12.786	-12.786	0	%100
3	M35A	X	0	0	0	%100
4	M35A	Z	0	0	0	%100
5	M36A	X	-7.382	-7.382	0	%100
6	M36A	Z	-12.786	-12.786	0	%100
7	M37	X	-7.382	-7.382	0	%100
8	M37	Z	-12.786	-12.786	0	%100
9	M38A	X	-2.078	-2.078	0	%100
10	M38A	Z	-3.599	-3.599	0	%100
11	M39A	X	-2.078	-2.078	0	%100
12	M39A	Z	-3.599	-3.599	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,%]
13	M40	X	-8.312	-8.312	0	%100
14	M40	Z	-14.396	-14.396	0	%100
15	M41	X	0	0	0	%100
16	M41	Z	0	0	0	%100
17	M42	X	-7.382	-7.382	0	%100
18	M42	Z	-12.786	-12.786	0	%100
19	M43	X	-1.793	-1.793	0	%100
20	M43	Z	-3.106	-3.106	0	%100
21	M44	X	-1.406	-1.406	0	%100
22	M44	Z	-2.435	-2.435	0	%100
23	M45	X	-7.172	-7.172	0	%100
24	M45	Z	-12.423	-12.423	0	%100
25	M46	X	-5.623	-5.623	0	%100
26	M46	Z	-9.74	-9.74	0	%100
27	M47	X	-1.793	-1.793	0	%100
28	M47	Z	-3.106	-3.106	0	%100
29	M48	X	-1.406	-1.406	0	%100
30	M48	Z	-2.435	-2.435	0	%100
31	M49	X	-3.506	-3.506	0	%100
32	M49	Z	-6.073	-6.073	0	%100
33	M50	X	0	0	0	%100
34	M50	Z	0	0	0	%100
35	M51	X	-3.506	-3.506	0	%100
36	M51	Z	-6.073	-6.073	0	%100
37	M58A	X	-5.292	-5.292	0	%100
38	M58A	Z	-9.166	-9.166	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	0	0	0	%100
41	M60A	X	-5.292	-5.292	0	%100
42	M60A	Z	-9.166	-9.166	0	%100
43	MP1A	X	-4.675	-4.675	0	%100
44	MP1A	Z	-8.098	-8.098	0	%100
45	MP2A	X	-4.675	-4.675	0	%100
46	MP2A	Z	-8.098	-8.098	0	%100
47	MP3A	X	-4.675	-4.675	0	%100
48	MP3A	Z	-8.098	-8.098	0	%100
49	M72	X	-4.675	-4.675	0	%100
50	M72	Z	-8.098	-8.098	0	%100
51	MP4A	X	-4.675	-4.675	0	%100
52	MP4A	Z	-8.098	-8.098	0	%100
53	MP5A	X	-4.675	-4.675	0	%100
54	MP5A	Z	-8.098	-8.098	0	%100
55	MP1C	X	-4.675	-4.675	0	%100
56	MP1C	Z	-8.098	-8.098	0	%100
57	MP2C	X	-4.675	-4.675	0	%100
58	MP2C	Z	-8.098	-8.098	0	%100
59	MP3C	X	-4.675	-4.675	0	%100
60	MP3C	Z	-8.098	-8.098	0	%100
61	M57A	X	-4.675	-4.675	0	%100
62	M57A	Z	-8.098	-8.098	0	%100
63	MP4C	X	-4.675	-4.675	0	%100
64	MP4C	Z	-8.098	-8.098	0	%100
65	MP5C	X	-4.675	-4.675	0	%100
66	MP5C	Z	-8.098	-8.098	0	%100
67	MP1B	X	-4.675	-4.675	0	%100
68	MP1B	Z	-8.098	-8.098	0	%100
69	MP2B	X	-4.675	-4.675	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,%]
70	MP2B	Z	-8.098	-8.098	0	%100
71	MP3B	X	-4.675	-4.675	0	%100
72	MP3B	Z	-8.098	-8.098	0	%100
73	M75A	X	-4.675	-4.675	0	%100
74	M75A	Z	-8.098	-8.098	0	%100
75	MP4B	X	-4.675	-4.675	0	%100
76	MP4B	Z	-8.098	-8.098	0	%100
77	MP5B	X	-4.675	-4.675	0	%100
78	MP5B	Z	-8.098	-8.098	0	%100
79	M82	X	-4.261	-4.261	0	%100
80	M82	Z	-7.38	-7.38	0	%100
81	M84	X	-5.177	-5.177	0	%100
82	M84	Z	-8.967	-8.967	0	%100
83	M85	X	-8.202	-8.202	0	%100
84	M85	Z	-14.207	-14.207	0	%100
85	M86	X	-5.177	-5.177	0	%100
86	M86	Z	-8.967	-8.967	0	%100
87	M87	X	-7.654	-7.654	0	%100
88	M87	Z	-13.257	-13.257	0	%100
89	M94	X	-7.654	-7.654	0	%100
90	M94	Z	-13.257	-13.257	0	%100
91	M95	X	-8.464	-8.464	0	%100
92	M95	Z	-14.66	-14.66	0	%100
93	M96	X	-8.464	-8.464	0	%100
94	M96	Z	-14.66	-14.66	0	%100
95	M97	X	-7.654	-7.654	0	%100
96	M97	Z	-13.257	-13.257	0	%100
97	M98	X	-7.654	-7.654	0	%100
98	M98	Z	-13.257	-13.257	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	M34A	X	0	0	0	%100
2	M34A	Z	-5.935	-5.935	0	%100
3	M35A	X	0	0	0	%100
4	M35A	Z	-1.484	-1.484	0	%100
5	M36A	X	0	0	0	%100
6	M36A	Z	-1.484	-1.484	0	%100
7	M37	X	0	0	0	%100
8	M37	Z	-5.935	-5.935	0	%100
9	M38A	X	0	0	0	%100
10	M38A	Z	-3.667	-3.667	0	%100
11	M39A	X	0	0	0	%100
12	M39A	Z	0	0	0	%100
13	M40	X	0	0	0	%100
14	M40	Z	-3.666	-3.666	0	%100
15	M41	X	0	0	0	%100
16	M41	Z	-1.484	-1.484	0	%100
17	M42	X	0	0	0	%100
18	M42	Z	-1.484	-1.484	0	%100
19	M43	X	0	0	0	%100
20	M43	Z	0	0	0	%100
21	M44	X	0	0	0	%100
22	M44	Z	0	0	0	%100
23	M45	X	0	0	0	%100
24	M45	Z	-3.129	-3.129	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,%]
25	M46	X	0	0	0	%100
26	M46	Z	-2.604	-2.604	0	%100
27	M47	X	0	0	0	%100
28	M47	Z	-3.129	-3.129	0	%100
29	M48	X	0	0	0	%100
30	M48	Z	-2.604	-2.604	0	%100
31	M49	X	0	0	0	%100
32	M49	Z	-4.079	-4.079	0	%100
33	M50	X	0	0	0	%100
34	M50	Z	-1.02	-1.02	0	%100
35	M51	X	0	0	0	%100
36	M51	Z	-1.02	-1.02	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	-4.138	-4.138	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	-1.034	-1.034	0	%100
41	M60A	X	0	0	0	%100
42	M60A	Z	-1.034	-1.034	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	-4.079	-4.079	0	%100
45	MP2A	X	0	0	0	%100
46	MP2A	Z	-4.079	-4.079	0	%100
47	MP3A	X	0	0	0	%100
48	MP3A	Z	-4.068	-4.068	0	%100
49	M72	X	0	0	0	%100
50	M72	Z	-4.068	-4.068	0	%100
51	MP4A	X	0	0	0	%100
52	MP4A	Z	-4.079	-4.079	0	%100
53	MP5A	X	0	0	0	%100
54	MP5A	Z	-4.079	-4.079	0	%100
55	MP1C	X	0	0	0	%100
56	MP1C	Z	-4.079	-4.079	0	%100
57	MP2C	X	0	0	0	%100
58	MP2C	Z	-4.079	-4.079	0	%100
59	MP3C	X	0	0	0	%100
60	MP3C	Z	-4.068	-4.068	0	%100
61	M57A	X	0	0	0	%100
62	M57A	Z	-4.068	-4.068	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	-4.079	-4.079	0	%100
65	MP5C	X	0	0	0	%100
66	MP5C	Z	-4.079	-4.079	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	-4.079	-4.079	0	%100
69	MP2B	X	0	0	0	%100
70	MP2B	Z	-4.079	-4.079	0	%100
71	MP3B	X	0	0	0	%100
72	MP3B	Z	-4.068	-4.068	0	%100
73	M75A	X	0	0	0	%100
74	M75A	Z	-4.068	-4.068	0	%100
75	MP4B	X	0	0	0	%100
76	MP4B	Z	-4.079	-4.079	0	%100
77	MP5B	X	0	0	0	%100
78	MP5B	Z	-4.079	-4.079	0	%100
79	M82	X	0	0	0	%100
80	M82	Z	-3.447	-3.447	0	%100
81	M84	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,%]
82	M84	Z	-2.154	-2.154	0	%100
83	M85	X	0	0	0	%100
84	M85	Z	-4.443	-4.443	0	%100
85	M86	X	0	0	0	%100
86	M86	Z	-4.443	-4.443	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	-4.345	-4.345	0	%100
89	M94	X	0	0	0	%100
90	M94	Z	-4.345	-4.345	0	%100
91	M95	X	0	0	0	%100
92	M95	Z	-4.821	-4.821	0	%100
93	M96	X	0	0	0	%100
94	M96	Z	-4.821	-4.821	0	%100
95	M97	X	0	0	0	%100
96	M97	Z	-4.821	-4.821	0	%100
97	M98	X	0	0	0	%100
98	M98	Z	-4.821	-4.821	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	M34A	X	2.226	2.226	0	%100
2	M34A	Z	-3.855	-3.855	0	%100
3	M35A	X	2.226	2.226	0	%100
4	M35A	Z	-3.855	-3.855	0	%100
5	M36A	X	0	0	0	%100
6	M36A	Z	0	0	0	%100
7	M37	X	2.226	2.226	0	%100
8	M37	Z	-3.855	-3.855	0	%100
9	M38A	X	2.445	2.445	0	%100
10	M38A	Z	-4.234	-4.234	0	%100
11	M39A	X	.611	.611	0	%100
12	M39A	Z	-1.058	-1.058	0	%100
13	M40	X	.611	.611	0	%100
14	M40	Z	-1.058	-1.058	0	%100
15	M41	X	2.226	2.226	0	%100
16	M41	Z	-3.855	-3.855	0	%100
17	M42	X	0	0	0	%100
18	M42	Z	0	0	0	%100
19	M43	X	.522	.522	0	%100
20	M43	Z	-.903	-.903	0	%100
21	M44	X	.434	.434	0	%100
22	M44	Z	-.752	-.752	0	%100
23	M45	X	.522	.522	0	%100
24	M45	Z	-.903	-.903	0	%100
25	M46	X	.434	.434	0	%100
26	M46	Z	-.752	-.752	0	%100
27	M47	X	2.086	2.086	0	%100
28	M47	Z	-3.613	-3.613	0	%100
29	M48	X	1.736	1.736	0	%100
30	M48	Z	-3.007	-3.007	0	%100
31	M49	X	1.53	1.53	0	%100
32	M49	Z	-2.65	-2.65	0	%100
33	M50	X	1.53	1.53	0	%100
34	M50	Z	-2.65	-2.65	0	%100
35	M51	X	0	0	0	%100
36	M51	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,%]
37	M58A	X	1.552	1.552	0	%100
38	M58A	Z	-2.688	-2.688	0	%100
39	M59A	X	1.552	1.552	0	%100
40	M59A	Z	-2.688	-2.688	0	%100
41	M60A	X	0	0	0	%100
42	M60A	Z	0	0	0	%100
43	MP1A	X	2.04	2.04	0	%100
44	MP1A	Z	-3.533	-3.533	0	%100
45	MP2A	X	2.04	2.04	0	%100
46	MP2A	Z	-3.533	-3.533	0	%100
47	MP3A	X	2.034	2.034	0	%100
48	MP3A	Z	-3.523	-3.523	0	%100
49	M72	X	2.034	2.034	0	%100
50	M72	Z	-3.523	-3.523	0	%100
51	MP4A	X	2.04	2.04	0	%100
52	MP4A	Z	-3.533	-3.533	0	%100
53	MP5A	X	2.04	2.04	0	%100
54	MP5A	Z	-3.533	-3.533	0	%100
55	MP1C	X	2.04	2.04	0	%100
56	MP1C	Z	-3.533	-3.533	0	%100
57	MP2C	X	2.04	2.04	0	%100
58	MP2C	Z	-3.533	-3.533	0	%100
59	MP3C	X	2.034	2.034	0	%100
60	MP3C	Z	-3.523	-3.523	0	%100
61	M57A	X	2.034	2.034	0	%100
62	M57A	Z	-3.523	-3.523	0	%100
63	MP4C	X	2.04	2.04	0	%100
64	MP4C	Z	-3.533	-3.533	0	%100
65	MP5C	X	2.04	2.04	0	%100
66	MP5C	Z	-3.533	-3.533	0	%100
67	MP1B	X	2.04	2.04	0	%100
68	MP1B	Z	-3.533	-3.533	0	%100
69	MP2B	X	2.04	2.04	0	%100
70	MP2B	Z	-3.533	-3.533	0	%100
71	MP3B	X	2.034	2.034	0	%100
72	MP3B	Z	-3.523	-3.523	0	%100
73	M75A	X	2.034	2.034	0	%100
74	M75A	Z	-3.523	-3.523	0	%100
75	MP4B	X	2.04	2.04	0	%100
76	MP4B	Z	-3.533	-3.533	0	%100
77	MP5B	X	2.04	2.04	0	%100
78	MP5B	Z	-3.533	-3.533	0	%100
79	M82	X	1.724	1.724	0	%100
80	M82	Z	-2.986	-2.986	0	%100
81	M84	X	1.458	1.458	0	%100
82	M84	Z	-2.526	-2.526	0	%100
83	M85	X	1.458	1.458	0	%100
84	M85	Z	-2.526	-2.526	0	%100
85	M86	X	2.603	2.603	0	%100
86	M86	Z	-4.508	-4.508	0	%100
87	M87	X	2.252	2.252	0	%100
88	M87	Z	-3.9	-3.9	0	%100
89	M94	X	2.252	2.252	0	%100
90	M94	Z	-3.9	-3.9	0	%100
91	M95	X	2.252	2.252	0	%100
92	M95	Z	-3.9	-3.9	0	%100
93	M96	X	2.252	2.252	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,%]
94	M96	Z	-3.9	-3.9	0	%100
95	M97	X	2.49	2.49	0	%100
96	M97	Z	-4.313	-4.313	0	%100
97	M98	X	2.49	2.49	0	%100
98	M98	Z	-4.313	-4.313	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	M34A	X	1.285	1.285	0	%100
2	M34A	Z	-.742	-.742	0	%100
3	M35A	X	5.14	5.14	0	%100
4	M35A	Z	-2.968	-2.968	0	%100
5	M36A	X	1.285	1.285	0	%100
6	M36A	Z	-.742	-.742	0	%100
7	M37	X	1.285	1.285	0	%100
8	M37	Z	-.742	-.742	0	%100
9	M38A	X	3.176	3.176	0	%100
10	M38A	Z	-1.833	-1.833	0	%100
11	M39A	X	3.175	3.175	0	%100
12	M39A	Z	-1.833	-1.833	0	%100
13	M40	X	0	0	0	%100
14	M40	Z	0	0	0	%100
15	M41	X	5.14	5.14	0	%100
16	M41	Z	-2.968	-2.968	0	%100
17	M42	X	1.285	1.285	0	%100
18	M42	Z	-.742	-.742	0	%100
19	M43	X	2.71	2.71	0	%100
20	M43	Z	-1.565	-1.565	0	%100
21	M44	X	2.255	2.255	0	%100
22	M44	Z	-1.302	-1.302	0	%100
23	M45	X	0	0	0	%100
24	M45	Z	0	0	0	%100
25	M46	X	0	0	0	%100
26	M46	Z	0	0	0	%100
27	M47	X	2.71	2.71	0	%100
28	M47	Z	-1.565	-1.565	0	%100
29	M48	X	2.255	2.255	0	%100
30	M48	Z	-1.302	-1.302	0	%100
31	M49	X	.883	.883	0	%100
32	M49	Z	-.51	-.51	0	%100
33	M50	X	3.533	3.533	0	%100
34	M50	Z	-2.04	-2.04	0	%100
35	M51	X	.883	.883	0	%100
36	M51	Z	-.51	-.51	0	%100
37	M58A	X	.896	.896	0	%100
38	M58A	Z	-.517	-.517	0	%100
39	M59A	X	3.583	3.583	0	%100
40	M59A	Z	-2.069	-2.069	0	%100
41	M60A	X	.896	.896	0	%100
42	M60A	Z	-.517	-.517	0	%100
43	MP1A	X	3.533	3.533	0	%100
44	MP1A	Z	-2.04	-2.04	0	%100
45	MP2A	X	3.533	3.533	0	%100
46	MP2A	Z	-2.04	-2.04	0	%100
47	MP3A	X	3.523	3.523	0	%100
48	MP3A	Z	-2.034	-2.034	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
49	M72	X	3.523	3.523	0	%100
50	M72	Z	-2.034	-2.034	0	%100
51	MP4A	X	3.533	3.533	0	%100
52	MP4A	Z	-2.04	-2.04	0	%100
53	MP5A	X	3.533	3.533	0	%100
54	MP5A	Z	-2.04	-2.04	0	%100
55	MP1C	X	3.533	3.533	0	%100
56	MP1C	Z	-2.04	-2.04	0	%100
57	MP2C	X	3.533	3.533	0	%100
58	MP2C	Z	-2.04	-2.04	0	%100
59	MP3C	X	3.523	3.523	0	%100
60	MP3C	Z	-2.034	-2.034	0	%100
61	M57A	X	3.523	3.523	0	%100
62	M57A	Z	-2.034	-2.034	0	%100
63	MP4C	X	3.533	3.533	0	%100
64	MP4C	Z	-2.04	-2.04	0	%100
65	MP5C	X	3.533	3.533	0	%100
66	MP5C	Z	-2.04	-2.04	0	%100
67	MP1B	X	3.533	3.533	0	%100
68	MP1B	Z	-2.04	-2.04	0	%100
69	MP2B	X	3.533	3.533	0	%100
70	MP2B	Z	-2.04	-2.04	0	%100
71	MP3B	X	3.523	3.523	0	%100
72	MP3B	Z	-2.034	-2.034	0	%100
73	M75A	X	3.523	3.523	0	%100
74	M75A	Z	-2.034	-2.034	0	%100
75	MP4B	X	3.533	3.533	0	%100
76	MP4B	Z	-2.04	-2.04	0	%100
77	MP5B	X	3.533	3.533	0	%100
78	MP5B	Z	-2.04	-2.04	0	%100
79	M82	X	2.986	2.986	0	%100
80	M82	Z	-1.724	-1.724	0	%100
81	M84	X	3.848	3.848	0	%100
82	M84	Z	-2.221	-2.221	0	%100
83	M85	X	1.865	1.865	0	%100
84	M85	Z	-1.077	-1.077	0	%100
85	M86	X	3.848	3.848	0	%100
86	M86	Z	-2.221	-2.221	0	%100
87	M87	X	4.175	4.175	0	%100
88	M87	Z	-2.411	-2.411	0	%100
89	M94	X	4.175	4.175	0	%100
90	M94	Z	-2.411	-2.411	0	%100
91	M95	X	3.763	3.763	0	%100
92	M95	Z	-2.172	-2.172	0	%100
93	M96	X	3.762	3.762	0	%100
94	M96	Z	-2.172	-2.172	0	%100
95	M97	X	4.175	4.175	0	%100
96	M97	Z	-2.411	-2.411	0	%100
97	M98	X	4.175	4.175	0	%100
98	M98	Z	-2.411	-2.411	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M34A	X	0	0	0	%100
2	M34A	Z	0	0	0	%100
3	M35A	X	4.451	4.451	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,%]
4	M35A	Z	0	0	0	%100
5	M36A	X	4.451	4.451	0	%100
6	M36A	Z	0	0	0	%100
7	M37	X	0	0	0	%100
8	M37	Z	0	0	0	%100
9	M38A	X	1.222	1.222	0	%100
10	M38A	Z	0	0	0	%100
11	M39A	X	4.889	4.889	0	%100
12	M39A	Z	0	0	0	%100
13	M40	X	1.223	1.223	0	%100
14	M40	Z	0	0	0	%100
15	M41	X	4.451	4.451	0	%100
16	M41	Z	0	0	0	%100
17	M42	X	4.451	4.451	0	%100
18	M42	Z	0	0	0	%100
19	M43	X	4.172	4.172	0	%100
20	M43	Z	0	0	0	%100
21	M44	X	3.472	3.472	0	%100
22	M44	Z	0	0	0	%100
23	M45	X	1.043	1.043	0	%100
24	M45	Z	0	0	0	%100
25	M46	X	.868	.868	0	%100
26	M46	Z	0	0	0	%100
27	M47	X	1.043	1.043	0	%100
28	M47	Z	0	0	0	%100
29	M48	X	.868	.868	0	%100
30	M48	Z	0	0	0	%100
31	M49	X	0	0	0	%100
32	M49	Z	0	0	0	%100
33	M50	X	3.06	3.06	0	%100
34	M50	Z	0	0	0	%100
35	M51	X	3.06	3.06	0	%100
36	M51	Z	0	0	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	3.103	3.103	0	%100
40	M59A	Z	0	0	0	%100
41	M60A	X	3.103	3.103	0	%100
42	M60A	Z	0	0	0	%100
43	MP1A	X	4.079	4.079	0	%100
44	MP1A	Z	0	0	0	%100
45	MP2A	X	4.079	4.079	0	%100
46	MP2A	Z	0	0	0	%100
47	MP3A	X	4.068	4.068	0	%100
48	MP3A	Z	0	0	0	%100
49	M72	X	4.068	4.068	0	%100
50	M72	Z	0	0	0	%100
51	MP4A	X	4.079	4.079	0	%100
52	MP4A	Z	0	0	0	%100
53	MP5A	X	4.079	4.079	0	%100
54	MP5A	Z	0	0	0	%100
55	MP1C	X	4.079	4.079	0	%100
56	MP1C	Z	0	0	0	%100
57	MP2C	X	4.079	4.079	0	%100
58	MP2C	Z	0	0	0	%100
59	MP3C	X	4.068	4.068	0	%100
60	MP3C	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,%]
61	M57A	X	4.068	4.068	0	%100
62	M57A	Z	0	0	0	%100
63	MP4C	X	4.079	4.079	0	%100
64	MP4C	Z	0	0	0	%100
65	MP5C	X	4.079	4.079	0	%100
66	MP5C	Z	0	0	0	%100
67	MP1B	X	4.079	4.079	0	%100
68	MP1B	Z	0	0	0	%100
69	MP2B	X	4.079	4.079	0	%100
70	MP2B	Z	0	0	0	%100
71	MP3B	X	4.068	4.068	0	%100
72	MP3B	Z	0	0	0	%100
73	M75A	X	4.068	4.068	0	%100
74	M75A	Z	0	0	0	%100
75	MP4B	X	4.079	4.079	0	%100
76	MP4B	Z	0	0	0	%100
77	MP5B	X	4.079	4.079	0	%100
78	MP5B	Z	0	0	0	%100
79	M82	X	3.447	3.447	0	%100
80	M82	Z	0	0	0	%100
81	M84	X	5.206	5.206	0	%100
82	M84	Z	0	0	0	%100
83	M85	X	2.917	2.917	0	%100
84	M85	Z	0	0	0	%100
85	M86	X	2.917	2.917	0	%100
86	M86	Z	0	0	0	%100
87	M87	X	4.98	4.98	0	%100
88	M87	Z	0	0	0	%100
89	M94	X	4.98	4.98	0	%100
90	M94	Z	0	0	0	%100
91	M95	X	4.504	4.504	0	%100
92	M95	Z	0	0	0	%100
93	M96	X	4.503	4.503	0	%100
94	M96	Z	0	0	0	%100
95	M97	X	4.504	4.504	0	%100
96	M97	Z	0	0	0	%100
97	M98	X	4.503	4.503	0	%100
98	M98	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	M34A	X	1.285	1.285	0	%100
2	M34A	Z	.742	.742	0	%100
3	M35A	X	1.285	1.285	0	%100
4	M35A	Z	.742	.742	0	%100
5	M36A	X	5.14	5.14	0	%100
6	M36A	Z	2.968	2.968	0	%100
7	M37	X	1.285	1.285	0	%100
8	M37	Z	.742	.742	0	%100
9	M38A	X	0	0	0	%100
10	M38A	Z	0	0	0	%100
11	M39A	X	3.176	3.176	0	%100
12	M39A	Z	1.833	1.833	0	%100
13	M40	X	3.176	3.176	0	%100
14	M40	Z	1.834	1.834	0	%100
15	M41	X	1.285	1.285	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,%]
16	M41	Z	.742	.742	0	%100
17	M42	X	5.14	5.14	0	%100
18	M42	Z	2.968	2.968	0	%100
19	M43	X	2.71	2.71	0	%100
20	M43	Z	1.565	1.565	0	%100
21	M44	X	2.255	2.255	0	%100
22	M44	Z	1.302	1.302	0	%100
23	M45	X	2.71	2.71	0	%100
24	M45	Z	1.565	1.565	0	%100
25	M46	X	2.255	2.255	0	%100
26	M46	Z	1.302	1.302	0	%100
27	M47	X	0	0	0	%100
28	M47	Z	0	0	0	%100
29	M48	X	0	0	0	%100
30	M48	Z	0	0	0	%100
31	M49	X	.883	.883	0	%100
32	M49	Z	.51	.51	0	%100
33	M50	X	.883	.883	0	%100
34	M50	Z	.51	.51	0	%100
35	M51	X	3.533	3.533	0	%100
36	M51	Z	2.04	2.04	0	%100
37	M58A	X	.896	.896	0	%100
38	M58A	Z	.517	.517	0	%100
39	M59A	X	.896	.896	0	%100
40	M59A	Z	.517	.517	0	%100
41	M60A	X	3.583	3.583	0	%100
42	M60A	Z	2.069	2.069	0	%100
43	MP1A	X	3.533	3.533	0	%100
44	MP1A	Z	2.04	2.04	0	%100
45	MP2A	X	3.533	3.533	0	%100
46	MP2A	Z	2.04	2.04	0	%100
47	MP3A	X	3.523	3.523	0	%100
48	MP3A	Z	2.034	2.034	0	%100
49	M72	X	3.523	3.523	0	%100
50	M72	Z	2.034	2.034	0	%100
51	MP4A	X	3.533	3.533	0	%100
52	MP4A	Z	2.04	2.04	0	%100
53	MP5A	X	3.533	3.533	0	%100
54	MP5A	Z	2.04	2.04	0	%100
55	MP1C	X	3.533	3.533	0	%100
56	MP1C	Z	2.04	2.04	0	%100
57	MP2C	X	3.533	3.533	0	%100
58	MP2C	Z	2.04	2.04	0	%100
59	MP3C	X	3.523	3.523	0	%100
60	MP3C	Z	2.034	2.034	0	%100
61	M57A	X	3.523	3.523	0	%100
62	M57A	Z	2.034	2.034	0	%100
63	MP4C	X	3.533	3.533	0	%100
64	MP4C	Z	2.04	2.04	0	%100
65	MP5C	X	3.533	3.533	0	%100
66	MP5C	Z	2.04	2.04	0	%100
67	MP1B	X	3.533	3.533	0	%100
68	MP1B	Z	2.04	2.04	0	%100
69	MP2B	X	3.533	3.533	0	%100
70	MP2B	Z	2.04	2.04	0	%100
71	MP3B	X	3.523	3.523	0	%100
72	MP3B	Z	2.034	2.034	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,%]
73	M75A	X	3.523	3.523	0	%100
74	M75A	Z	2.034	2.034	0	%100
75	MP4B	X	3.533	3.533	0	%100
76	MP4B	Z	2.04	2.04	0	%100
77	MP5B	X	3.533	3.533	0	%100
78	MP5B	Z	2.04	2.04	0	%100
79	M82	X	2.986	2.986	0	%100
80	M82	Z	1.724	1.724	0	%100
81	M84	X	3.848	3.848	0	%100
82	M84	Z	2.221	2.221	0	%100
83	M85	X	3.848	3.848	0	%100
84	M85	Z	2.221	2.221	0	%100
85	M86	X	1.865	1.865	0	%100
86	M86	Z	1.077	1.077	0	%100
87	M87	X	4.175	4.175	0	%100
88	M87	Z	2.411	2.411	0	%100
89	M94	X	4.175	4.175	0	%100
90	M94	Z	2.411	2.411	0	%100
91	M95	X	4.175	4.175	0	%100
92	M95	Z	2.411	2.411	0	%100
93	M96	X	4.175	4.175	0	%100
94	M96	Z	2.411	2.411	0	%100
95	M97	X	3.763	3.763	0	%100
96	M97	Z	2.172	2.172	0	%100
97	M98	X	3.762	3.762	0	%100
98	M98	Z	2.172	2.172	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	M34A	X	2.226	2.226	0	%100
2	M34A	Z	3.855	3.855	0	%100
3	M35A	X	0	0	0	%100
4	M35A	Z	0	0	0	%100
5	M36A	X	2.226	2.226	0	%100
6	M36A	Z	3.855	3.855	0	%100
7	M37	X	2.226	2.226	0	%100
8	M37	Z	3.855	3.855	0	%100
9	M38A	X	.611	.611	0	%100
10	M38A	Z	1.058	1.058	0	%100
11	M39A	X	.611	.611	0	%100
12	M39A	Z	1.059	1.059	0	%100
13	M40	X	2.445	2.445	0	%100
14	M40	Z	4.234	4.234	0	%100
15	M41	X	0	0	0	%100
16	M41	Z	0	0	0	%100
17	M42	X	2.226	2.226	0	%100
18	M42	Z	3.855	3.855	0	%100
19	M43	X	.522	.522	0	%100
20	M43	Z	.903	.903	0	%100
21	M44	X	.434	.434	0	%100
22	M44	Z	.752	.752	0	%100
23	M45	X	2.086	2.086	0	%100
24	M45	Z	3.613	3.613	0	%100
25	M46	X	1.736	1.736	0	%100
26	M46	Z	3.007	3.007	0	%100
27	M47	X	.522	.522	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,%]
28	M47	Z	.903	.903	0	%100
29	M48	X	.434	.434	0	%100
30	M48	Z	.752	.752	0	%100
31	M49	X	1.53	1.53	0	%100
32	M49	Z	2.65	2.65	0	%100
33	M50	X	0	0	0	%100
34	M50	Z	0	0	0	%100
35	M51	X	1.53	1.53	0	%100
36	M51	Z	2.65	2.65	0	%100
37	M58A	X	1.552	1.552	0	%100
38	M58A	Z	2.688	2.688	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	0	0	0	%100
41	M60A	X	1.552	1.552	0	%100
42	M60A	Z	2.688	2.688	0	%100
43	MP1A	X	2.04	2.04	0	%100
44	MP1A	Z	3.533	3.533	0	%100
45	MP2A	X	2.04	2.04	0	%100
46	MP2A	Z	3.533	3.533	0	%100
47	MP3A	X	2.034	2.034	0	%100
48	MP3A	Z	3.523	3.523	0	%100
49	M72	X	2.034	2.034	0	%100
50	M72	Z	3.523	3.523	0	%100
51	MP4A	X	2.04	2.04	0	%100
52	MP4A	Z	3.533	3.533	0	%100
53	MP5A	X	2.04	2.04	0	%100
54	MP5A	Z	3.533	3.533	0	%100
55	MP1C	X	2.04	2.04	0	%100
56	MP1C	Z	3.533	3.533	0	%100
57	MP2C	X	2.04	2.04	0	%100
58	MP2C	Z	3.533	3.533	0	%100
59	MP3C	X	2.034	2.034	0	%100
60	MP3C	Z	3.523	3.523	0	%100
61	M57A	X	2.034	2.034	0	%100
62	M57A	Z	3.523	3.523	0	%100
63	MP4C	X	2.04	2.04	0	%100
64	MP4C	Z	3.533	3.533	0	%100
65	MP5C	X	2.04	2.04	0	%100
66	MP5C	Z	3.533	3.533	0	%100
67	MP1B	X	2.04	2.04	0	%100
68	MP1B	Z	3.533	3.533	0	%100
69	MP2B	X	2.04	2.04	0	%100
70	MP2B	Z	3.533	3.533	0	%100
71	MP3B	X	2.034	2.034	0	%100
72	MP3B	Z	3.523	3.523	0	%100
73	M75A	X	2.034	2.034	0	%100
74	M75A	Z	3.523	3.523	0	%100
75	MP4B	X	2.04	2.04	0	%100
76	MP4B	Z	3.533	3.533	0	%100
77	MP5B	X	2.04	2.04	0	%100
78	MP5B	Z	3.533	3.533	0	%100
79	M82	X	1.724	1.724	0	%100
80	M82	Z	2.986	2.986	0	%100
81	M84	X	1.458	1.458	0	%100
82	M84	Z	2.526	2.526	0	%100
83	M85	X	2.603	2.603	0	%100
84	M85	Z	4.508	4.508	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,%]
85	M86	X	1.458	1.458	0	%100
86	M86	Z	2.526	2.526	0	%100
87	M87	X	2.252	2.252	0	%100
88	M87	Z	3.9	3.9	0	%100
89	M94	X	2.252	2.252	0	%100
90	M94	Z	3.9	3.9	0	%100
91	M95	X	2.49	2.49	0	%100
92	M95	Z	4.313	4.313	0	%100
93	M96	X	2.49	2.49	0	%100
94	M96	Z	4.313	4.313	0	%100
95	M97	X	2.252	2.252	0	%100
96	M97	Z	3.9	3.9	0	%100
97	M98	X	2.252	2.252	0	%100
98	M98	Z	3.9	3.9	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	M34A	X	0	0	0	%100
2	M34A	Z	5.935	5.935	0	%100
3	M35A	X	0	0	0	%100
4	M35A	Z	1.484	1.484	0	%100
5	M36A	X	0	0	0	%100
6	M36A	Z	1.484	1.484	0	%100
7	M37	X	0	0	0	%100
8	M37	Z	5.935	5.935	0	%100
9	M38A	X	0	0	0	%100
10	M38A	Z	3.667	3.667	0	%100
11	M39A	X	0	0	0	%100
12	M39A	Z	0	0	0	%100
13	M40	X	0	0	0	%100
14	M40	Z	3.666	3.666	0	%100
15	M41	X	0	0	0	%100
16	M41	Z	1.484	1.484	0	%100
17	M42	X	0	0	0	%100
18	M42	Z	1.484	1.484	0	%100
19	M43	X	0	0	0	%100
20	M43	Z	0	0	0	%100
21	M44	X	0	0	0	%100
22	M44	Z	0	0	0	%100
23	M45	X	0	0	0	%100
24	M45	Z	3.129	3.129	0	%100
25	M46	X	0	0	0	%100
26	M46	Z	2.604	2.604	0	%100
27	M47	X	0	0	0	%100
28	M47	Z	3.129	3.129	0	%100
29	M48	X	0	0	0	%100
30	M48	Z	2.604	2.604	0	%100
31	M49	X	0	0	0	%100
32	M49	Z	4.079	4.079	0	%100
33	M50	X	0	0	0	%100
34	M50	Z	1.02	1.02	0	%100
35	M51	X	0	0	0	%100
36	M51	Z	1.02	1.02	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	4.138	4.138	0	%100
39	M59A	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,%]
40	M59A	Z	1.034	1.034	0	%100
41	M60A	X	0	0	0	%100
42	M60A	Z	1.034	1.034	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	4.079	4.079	0	%100
45	MP2A	X	0	0	0	%100
46	MP2A	Z	4.079	4.079	0	%100
47	MP3A	X	0	0	0	%100
48	MP3A	Z	4.068	4.068	0	%100
49	M72	X	0	0	0	%100
50	M72	Z	4.068	4.068	0	%100
51	MP4A	X	0	0	0	%100
52	MP4A	Z	4.079	4.079	0	%100
53	MP5A	X	0	0	0	%100
54	MP5A	Z	4.079	4.079	0	%100
55	MP1C	X	0	0	0	%100
56	MP1C	Z	4.079	4.079	0	%100
57	MP2C	X	0	0	0	%100
58	MP2C	Z	4.079	4.079	0	%100
59	MP3C	X	0	0	0	%100
60	MP3C	Z	4.068	4.068	0	%100
61	M57A	X	0	0	0	%100
62	M57A	Z	4.068	4.068	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	4.079	4.079	0	%100
65	MP5C	X	0	0	0	%100
66	MP5C	Z	4.079	4.079	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	4.079	4.079	0	%100
69	MP2B	X	0	0	0	%100
70	MP2B	Z	4.079	4.079	0	%100
71	MP3B	X	0	0	0	%100
72	MP3B	Z	4.068	4.068	0	%100
73	M75A	X	0	0	0	%100
74	M75A	Z	4.068	4.068	0	%100
75	MP4B	X	0	0	0	%100
76	MP4B	Z	4.079	4.079	0	%100
77	MP5B	X	0	0	0	%100
78	MP5B	Z	4.079	4.079	0	%100
79	M82	X	0	0	0	%100
80	M82	Z	3.447	3.447	0	%100
81	M84	X	0	0	0	%100
82	M84	Z	2.154	2.154	0	%100
83	M85	X	0	0	0	%100
84	M85	Z	4.443	4.443	0	%100
85	M86	X	0	0	0	%100
86	M86	Z	4.443	4.443	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	4.345	4.345	0	%100
89	M94	X	0	0	0	%100
90	M94	Z	4.345	4.345	0	%100
91	M95	X	0	0	0	%100
92	M95	Z	4.821	4.821	0	%100
93	M96	X	0	0	0	%100
94	M96	Z	4.821	4.821	0	%100
95	M97	X	0	0	0	%100
96	M97	Z	4.821	4.821	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,%]
97	M98	X	0	0	0	%100
98	M98	Z	4.821	4.821	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	M34A	X	-2.226	-2.226	0	%100
2	M34A	Z	3.855	3.855	0	%100
3	M35A	X	-2.226	-2.226	0	%100
4	M35A	Z	3.855	3.855	0	%100
5	M36A	X	0	0	0	%100
6	M36A	Z	0	0	0	%100
7	M37	X	-2.226	-2.226	0	%100
8	M37	Z	3.855	3.855	0	%100
9	M38A	X	-2.445	-2.445	0	%100
10	M38A	Z	4.234	4.234	0	%100
11	M39A	X	-.611	-.611	0	%100
12	M39A	Z	1.058	1.058	0	%100
13	M40	X	-.611	-.611	0	%100
14	M40	Z	1.058	1.058	0	%100
15	M41	X	-2.226	-2.226	0	%100
16	M41	Z	3.855	3.855	0	%100
17	M42	X	0	0	0	%100
18	M42	Z	0	0	0	%100
19	M43	X	-.522	-.522	0	%100
20	M43	Z	.903	.903	0	%100
21	M44	X	-.434	-.434	0	%100
22	M44	Z	.752	.752	0	%100
23	M45	X	-.522	-.522	0	%100
24	M45	Z	.903	.903	0	%100
25	M46	X	-.434	-.434	0	%100
26	M46	Z	.752	.752	0	%100
27	M47	X	-2.086	-2.086	0	%100
28	M47	Z	3.613	3.613	0	%100
29	M48	X	-1.736	-1.736	0	%100
30	M48	Z	3.007	3.007	0	%100
31	M49	X	-1.53	-1.53	0	%100
32	M49	Z	2.65	2.65	0	%100
33	M50	X	-1.53	-1.53	0	%100
34	M50	Z	2.65	2.65	0	%100
35	M51	X	0	0	0	%100
36	M51	Z	0	0	0	%100
37	M58A	X	-1.552	-1.552	0	%100
38	M58A	Z	2.688	2.688	0	%100
39	M59A	X	-1.552	-1.552	0	%100
40	M59A	Z	2.688	2.688	0	%100
41	M60A	X	0	0	0	%100
42	M60A	Z	0	0	0	%100
43	MP1A	X	-2.04	-2.04	0	%100
44	MP1A	Z	3.533	3.533	0	%100
45	MP2A	X	-2.04	-2.04	0	%100
46	MP2A	Z	3.533	3.533	0	%100
47	MP3A	X	-2.034	-2.034	0	%100
48	MP3A	Z	3.523	3.523	0	%100
49	M72	X	-2.034	-2.034	0	%100
50	M72	Z	3.523	3.523	0	%100
51	MP4A	X	-2.04	-2.04	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	MP4A	Z	3.533	3.533	0	%100
53	MP5A	X	-2.04	-2.04	0	%100
54	MP5A	Z	3.533	3.533	0	%100
55	MP1C	X	-2.04	-2.04	0	%100
56	MP1C	Z	3.533	3.533	0	%100
57	MP2C	X	-2.04	-2.04	0	%100
58	MP2C	Z	3.533	3.533	0	%100
59	MP3C	X	-2.034	-2.034	0	%100
60	MP3C	Z	3.523	3.523	0	%100
61	M57A	X	-2.034	-2.034	0	%100
62	M57A	Z	3.523	3.523	0	%100
63	MP4C	X	-2.04	-2.04	0	%100
64	MP4C	Z	3.533	3.533	0	%100
65	MP5C	X	-2.04	-2.04	0	%100
66	MP5C	Z	3.533	3.533	0	%100
67	MP1B	X	-2.04	-2.04	0	%100
68	MP1B	Z	3.533	3.533	0	%100
69	MP2B	X	-2.04	-2.04	0	%100
70	MP2B	Z	3.533	3.533	0	%100
71	MP3B	X	-2.034	-2.034	0	%100
72	MP3B	Z	3.523	3.523	0	%100
73	M75A	X	-2.034	-2.034	0	%100
74	M75A	Z	3.523	3.523	0	%100
75	MP4B	X	-2.04	-2.04	0	%100
76	MP4B	Z	3.533	3.533	0	%100
77	MP5B	X	-2.04	-2.04	0	%100
78	MP5B	Z	3.533	3.533	0	%100
79	M82	X	-1.724	-1.724	0	%100
80	M82	Z	2.986	2.986	0	%100
81	M84	X	-1.458	-1.458	0	%100
82	M84	Z	2.526	2.526	0	%100
83	M85	X	-1.458	-1.458	0	%100
84	M85	Z	2.526	2.526	0	%100
85	M86	X	-2.603	-2.603	0	%100
86	M86	Z	4.508	4.508	0	%100
87	M87	X	-2.252	-2.252	0	%100
88	M87	Z	3.9	3.9	0	%100
89	M94	X	-2.252	-2.252	0	%100
90	M94	Z	3.9	3.9	0	%100
91	M95	X	-2.252	-2.252	0	%100
92	M95	Z	3.9	3.9	0	%100
93	M96	X	-2.252	-2.252	0	%100
94	M96	Z	3.9	3.9	0	%100
95	M97	X	-2.49	-2.49	0	%100
96	M97	Z	4.313	4.313	0	%100
97	M98	X	-2.49	-2.49	0	%100
98	M98	Z	4.313	4.313	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M34A	X	-1.285	-1.285	0	%100
2	M34A	Z	.742	.742	0	%100
3	M35A	X	-5.14	-5.14	0	%100
4	M35A	Z	2.968	2.968	0	%100
5	M36A	X	-1.285	-1.285	0	%100
6	M36A	Z	.742	.742	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,%]
7	M37	X	-1.285	-1.285	0	%100
8	M37	Z	.742	.742	0	%100
9	M38A	X	-3.176	-3.176	0	%100
10	M38A	Z	1.833	1.833	0	%100
11	M39A	X	-3.175	-3.175	0	%100
12	M39A	Z	1.833	1.833	0	%100
13	M40	X	0	0	0	%100
14	M40	Z	0	0	0	%100
15	M41	X	-5.14	-5.14	0	%100
16	M41	Z	2.968	2.968	0	%100
17	M42	X	-1.285	-1.285	0	%100
18	M42	Z	.742	.742	0	%100
19	M43	X	-2.71	-2.71	0	%100
20	M43	Z	1.565	1.565	0	%100
21	M44	X	-2.255	-2.255	0	%100
22	M44	Z	1.302	1.302	0	%100
23	M45	X	0	0	0	%100
24	M45	Z	0	0	0	%100
25	M46	X	0	0	0	%100
26	M46	Z	0	0	0	%100
27	M47	X	-2.71	-2.71	0	%100
28	M47	Z	1.565	1.565	0	%100
29	M48	X	-2.255	-2.255	0	%100
30	M48	Z	1.302	1.302	0	%100
31	M49	X	-.883	-.883	0	%100
32	M49	Z	.51	.51	0	%100
33	M50	X	-3.533	-3.533	0	%100
34	M50	Z	2.04	2.04	0	%100
35	M51	X	-.883	-.883	0	%100
36	M51	Z	.51	.51	0	%100
37	M58A	X	-.896	-.896	0	%100
38	M58A	Z	.517	.517	0	%100
39	M59A	X	-3.583	-3.583	0	%100
40	M59A	Z	2.069	2.069	0	%100
41	M60A	X	-.896	-.896	0	%100
42	M60A	Z	.517	.517	0	%100
43	MP1A	X	-3.533	-3.533	0	%100
44	MP1A	Z	2.04	2.04	0	%100
45	MP2A	X	-3.533	-3.533	0	%100
46	MP2A	Z	2.04	2.04	0	%100
47	MP3A	X	-3.523	-3.523	0	%100
48	MP3A	Z	2.034	2.034	0	%100
49	M72	X	-3.523	-3.523	0	%100
50	M72	Z	2.034	2.034	0	%100
51	MP4A	X	-3.533	-3.533	0	%100
52	MP4A	Z	2.04	2.04	0	%100
53	MP5A	X	-3.533	-3.533	0	%100
54	MP5A	Z	2.04	2.04	0	%100
55	MP1C	X	-3.533	-3.533	0	%100
56	MP1C	Z	2.04	2.04	0	%100
57	MP2C	X	-3.533	-3.533	0	%100
58	MP2C	Z	2.04	2.04	0	%100
59	MP3C	X	-3.523	-3.523	0	%100
60	MP3C	Z	2.034	2.034	0	%100
61	M57A	X	-3.523	-3.523	0	%100
62	M57A	Z	2.034	2.034	0	%100
63	MP4C	X	-3.533	-3.533	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,%]
64	MP4C	Z	2.04	2.04	0	%100
65	MP5C	X	-3.533	-3.533	0	%100
66	MP5C	Z	2.04	2.04	0	%100
67	MP1B	X	-3.533	-3.533	0	%100
68	MP1B	Z	2.04	2.04	0	%100
69	MP2B	X	-3.533	-3.533	0	%100
70	MP2B	Z	2.04	2.04	0	%100
71	MP3B	X	-3.523	-3.523	0	%100
72	MP3B	Z	2.034	2.034	0	%100
73	M75A	X	-3.523	-3.523	0	%100
74	M75A	Z	2.034	2.034	0	%100
75	MP4B	X	-3.533	-3.533	0	%100
76	MP4B	Z	2.04	2.04	0	%100
77	MP5B	X	-3.533	-3.533	0	%100
78	MP5B	Z	2.04	2.04	0	%100
79	M82	X	-2.986	-2.986	0	%100
80	M82	Z	1.724	1.724	0	%100
81	M84	X	-3.848	-3.848	0	%100
82	M84	Z	2.221	2.221	0	%100
83	M85	X	-1.865	-1.865	0	%100
84	M85	Z	1.077	1.077	0	%100
85	M86	X	-3.848	-3.848	0	%100
86	M86	Z	2.221	2.221	0	%100
87	M87	X	-4.175	-4.175	0	%100
88	M87	Z	2.411	2.411	0	%100
89	M94	X	-4.175	-4.175	0	%100
90	M94	Z	2.411	2.411	0	%100
91	M95	X	-3.763	-3.763	0	%100
92	M95	Z	2.172	2.172	0	%100
93	M96	X	-3.762	-3.762	0	%100
94	M96	Z	2.172	2.172	0	%100
95	M97	X	-4.175	-4.175	0	%100
96	M97	Z	2.411	2.411	0	%100
97	M98	X	-4.175	-4.175	0	%100
98	M98	Z	2.411	2.411	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	M34A	X	0	0	0	%100
2	M34A	Z	0	0	0	%100
3	M35A	X	-4.451	-4.451	0	%100
4	M35A	Z	0	0	0	%100
5	M36A	X	-4.451	-4.451	0	%100
6	M36A	Z	0	0	0	%100
7	M37	X	0	0	0	%100
8	M37	Z	0	0	0	%100
9	M38A	X	-1.222	-1.222	0	%100
10	M38A	Z	0	0	0	%100
11	M39A	X	-4.889	-4.889	0	%100
12	M39A	Z	0	0	0	%100
13	M40	X	-1.223	-1.223	0	%100
14	M40	Z	0	0	0	%100
15	M41	X	-4.451	-4.451	0	%100
16	M41	Z	0	0	0	%100
17	M42	X	-4.451	-4.451	0	%100
18	M42	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,%]
19	M43	X	-4.172	-4.172	0	%100
20	M43	Z	0	0	0	%100
21	M44	X	-3.472	-3.472	0	%100
22	M44	Z	0	0	0	%100
23	M45	X	-1.043	-1.043	0	%100
24	M45	Z	0	0	0	%100
25	M46	X	-.868	-.868	0	%100
26	M46	Z	0	0	0	%100
27	M47	X	-1.043	-1.043	0	%100
28	M47	Z	0	0	0	%100
29	M48	X	-.868	-.868	0	%100
30	M48	Z	0	0	0	%100
31	M49	X	0	0	0	%100
32	M49	Z	0	0	0	%100
33	M50	X	-3.06	-3.06	0	%100
34	M50	Z	0	0	0	%100
35	M51	X	-3.06	-3.06	0	%100
36	M51	Z	0	0	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	-3.103	-3.103	0	%100
40	M59A	Z	0	0	0	%100
41	M60A	X	-3.103	-3.103	0	%100
42	M60A	Z	0	0	0	%100
43	MP1A	X	-4.079	-4.079	0	%100
44	MP1A	Z	0	0	0	%100
45	MP2A	X	-4.079	-4.079	0	%100
46	MP2A	Z	0	0	0	%100
47	MP3A	X	-4.068	-4.068	0	%100
48	MP3A	Z	0	0	0	%100
49	M72	X	-4.068	-4.068	0	%100
50	M72	Z	0	0	0	%100
51	MP4A	X	-4.079	-4.079	0	%100
52	MP4A	Z	0	0	0	%100
53	MP5A	X	-4.079	-4.079	0	%100
54	MP5A	Z	0	0	0	%100
55	MP1C	X	-4.079	-4.079	0	%100
56	MP1C	Z	0	0	0	%100
57	MP2C	X	-4.079	-4.079	0	%100
58	MP2C	Z	0	0	0	%100
59	MP3C	X	-4.068	-4.068	0	%100
60	MP3C	Z	0	0	0	%100
61	M57A	X	-4.068	-4.068	0	%100
62	M57A	Z	0	0	0	%100
63	MP4C	X	-4.079	-4.079	0	%100
64	MP4C	Z	0	0	0	%100
65	MP5C	X	-4.079	-4.079	0	%100
66	MP5C	Z	0	0	0	%100
67	MP1B	X	-4.079	-4.079	0	%100
68	MP1B	Z	0	0	0	%100
69	MP2B	X	-4.079	-4.079	0	%100
70	MP2B	Z	0	0	0	%100
71	MP3B	X	-4.068	-4.068	0	%100
72	MP3B	Z	0	0	0	%100
73	M75A	X	-4.068	-4.068	0	%100
74	M75A	Z	0	0	0	%100
75	MP4B	X	-4.079	-4.079	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,%]
76	MP4B	Z	0	0	0	%100
77	MP5B	X	-4.079	-4.079	0	%100
78	MP5B	Z	0	0	0	%100
79	M82	X	-3.447	-3.447	0	%100
80	M82	Z	0	0	0	%100
81	M84	X	-5.206	-5.206	0	%100
82	M84	Z	0	0	0	%100
83	M85	X	-2.917	-2.917	0	%100
84	M85	Z	0	0	0	%100
85	M86	X	-2.917	-2.917	0	%100
86	M86	Z	0	0	0	%100
87	M87	X	-4.98	-4.98	0	%100
88	M87	Z	0	0	0	%100
89	M94	X	-4.98	-4.98	0	%100
90	M94	Z	0	0	0	%100
91	M95	X	-4.504	-4.504	0	%100
92	M95	Z	0	0	0	%100
93	M96	X	-4.503	-4.503	0	%100
94	M96	Z	0	0	0	%100
95	M97	X	-4.504	-4.504	0	%100
96	M97	Z	0	0	0	%100
97	M98	X	-4.503	-4.503	0	%100
98	M98	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	M34A	X	-1.285	-1.285	0	%100
2	M34A	Z	-.742	-.742	0	%100
3	M35A	X	-1.285	-1.285	0	%100
4	M35A	Z	-.742	-.742	0	%100
5	M36A	X	-5.14	-5.14	0	%100
6	M36A	Z	-2.968	-2.968	0	%100
7	M37	X	-1.285	-1.285	0	%100
8	M37	Z	-.742	-.742	0	%100
9	M38A	X	0	0	0	%100
10	M38A	Z	0	0	0	%100
11	M39A	X	-3.176	-3.176	0	%100
12	M39A	Z	-1.833	-1.833	0	%100
13	M40	X	-3.176	-3.176	0	%100
14	M40	Z	-1.834	-1.834	0	%100
15	M41	X	-1.285	-1.285	0	%100
16	M41	Z	-.742	-.742	0	%100
17	M42	X	-5.14	-5.14	0	%100
18	M42	Z	-2.968	-2.968	0	%100
19	M43	X	-2.71	-2.71	0	%100
20	M43	Z	-1.565	-1.565	0	%100
21	M44	X	-2.255	-2.255	0	%100
22	M44	Z	-1.302	-1.302	0	%100
23	M45	X	-2.71	-2.71	0	%100
24	M45	Z	-1.565	-1.565	0	%100
25	M46	X	-2.255	-2.255	0	%100
26	M46	Z	-1.302	-1.302	0	%100
27	M47	X	0	0	0	%100
28	M47	Z	0	0	0	%100
29	M48	X	0	0	0	%100
30	M48	Z	0	0	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,%]
31	M49	X	-.883	-.883	0	%100
32	M49	Z	-.51	-.51	0	%100
33	M50	X	-.883	-.883	0	%100
34	M50	Z	-.51	-.51	0	%100
35	M51	X	-3.533	-3.533	0	%100
36	M51	Z	-2.04	-2.04	0	%100
37	M58A	X	-.896	-.896	0	%100
38	M58A	Z	-.517	-.517	0	%100
39	M59A	X	-.896	-.896	0	%100
40	M59A	Z	-.517	-.517	0	%100
41	M60A	X	-3.583	-3.583	0	%100
42	M60A	Z	-2.069	-2.069	0	%100
43	MP1A	X	-3.533	-3.533	0	%100
44	MP1A	Z	-2.04	-2.04	0	%100
45	MP2A	X	-3.533	-3.533	0	%100
46	MP2A	Z	-2.04	-2.04	0	%100
47	MP3A	X	-3.523	-3.523	0	%100
48	MP3A	Z	-2.034	-2.034	0	%100
49	M72	X	-3.523	-3.523	0	%100
50	M72	Z	-2.034	-2.034	0	%100
51	MP4A	X	-3.533	-3.533	0	%100
52	MP4A	Z	-2.04	-2.04	0	%100
53	MP5A	X	-3.533	-3.533	0	%100
54	MP5A	Z	-2.04	-2.04	0	%100
55	MP1C	X	-3.533	-3.533	0	%100
56	MP1C	Z	-2.04	-2.04	0	%100
57	MP2C	X	-3.533	-3.533	0	%100
58	MP2C	Z	-2.04	-2.04	0	%100
59	MP3C	X	-3.523	-3.523	0	%100
60	MP3C	Z	-2.034	-2.034	0	%100
61	M57A	X	-3.523	-3.523	0	%100
62	M57A	Z	-2.034	-2.034	0	%100
63	MP4C	X	-3.533	-3.533	0	%100
64	MP4C	Z	-2.04	-2.04	0	%100
65	MP5C	X	-3.533	-3.533	0	%100
66	MP5C	Z	-2.04	-2.04	0	%100
67	MP1B	X	-3.533	-3.533	0	%100
68	MP1B	Z	-2.04	-2.04	0	%100
69	MP2B	X	-3.533	-3.533	0	%100
70	MP2B	Z	-2.04	-2.04	0	%100
71	MP3B	X	-3.523	-3.523	0	%100
72	MP3B	Z	-2.034	-2.034	0	%100
73	M75A	X	-3.523	-3.523	0	%100
74	M75A	Z	-2.034	-2.034	0	%100
75	MP4B	X	-3.533	-3.533	0	%100
76	MP4B	Z	-2.04	-2.04	0	%100
77	MP5B	X	-3.533	-3.533	0	%100
78	MP5B	Z	-2.04	-2.04	0	%100
79	M82	X	-2.986	-2.986	0	%100
80	M82	Z	-1.724	-1.724	0	%100
81	M84	X	-3.848	-3.848	0	%100
82	M84	Z	-2.221	-2.221	0	%100
83	M85	X	-3.848	-3.848	0	%100
84	M85	Z	-2.221	-2.221	0	%100
85	M86	X	-1.865	-1.865	0	%100
86	M86	Z	-1.077	-1.077	0	%100
87	M87	X	-4.175	-4.175	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,%]
88	M87	Z	-2.411	-2.411	0	%100
89	M94	X	-4.175	-4.175	0	%100
90	M94	Z	-2.411	-2.411	0	%100
91	M95	X	-4.175	-4.175	0	%100
92	M95	Z	-2.411	-2.411	0	%100
93	M96	X	-4.175	-4.175	0	%100
94	M96	Z	-2.411	-2.411	0	%100
95	M97	X	-3.763	-3.763	0	%100
96	M97	Z	-2.172	-2.172	0	%100
97	M98	X	-3.762	-3.762	0	%100
98	M98	Z	-2.172	-2.172	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	M34A	X	-2.226	-2.226	0	%100
2	M34A	Z	-3.855	-3.855	0	%100
3	M35A	X	0	0	0	%100
4	M35A	Z	0	0	0	%100
5	M36A	X	-2.226	-2.226	0	%100
6	M36A	Z	-3.855	-3.855	0	%100
7	M37	X	-2.226	-2.226	0	%100
8	M37	Z	-3.855	-3.855	0	%100
9	M38A	X	-.611	-.611	0	%100
10	M38A	Z	-1.058	-1.058	0	%100
11	M39A	X	-.611	-.611	0	%100
12	M39A	Z	-1.059	-1.059	0	%100
13	M40	X	-2.445	-2.445	0	%100
14	M40	Z	-4.234	-4.234	0	%100
15	M41	X	0	0	0	%100
16	M41	Z	0	0	0	%100
17	M42	X	-2.226	-2.226	0	%100
18	M42	Z	-3.855	-3.855	0	%100
19	M43	X	-.522	-.522	0	%100
20	M43	Z	-.903	-.903	0	%100
21	M44	X	-.434	-.434	0	%100
22	M44	Z	-.752	-.752	0	%100
23	M45	X	-2.086	-2.086	0	%100
24	M45	Z	-3.613	-3.613	0	%100
25	M46	X	-1.736	-1.736	0	%100
26	M46	Z	-3.007	-3.007	0	%100
27	M47	X	-.522	-.522	0	%100
28	M47	Z	-.903	-.903	0	%100
29	M48	X	-.434	-.434	0	%100
30	M48	Z	-.752	-.752	0	%100
31	M49	X	-1.53	-1.53	0	%100
32	M49	Z	-2.65	-2.65	0	%100
33	M50	X	0	0	0	%100
34	M50	Z	0	0	0	%100
35	M51	X	-1.53	-1.53	0	%100
36	M51	Z	-2.65	-2.65	0	%100
37	M58A	X	-1.552	-1.552	0	%100
38	M58A	Z	-2.688	-2.688	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	0	0	0	%100
41	M60A	X	-1.552	-1.552	0	%100
42	M60A	Z	-2.688	-2.688	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,%]
43	MP1A	X	-2.04	-2.04	0	%100
44	MP1A	Z	-3.533	-3.533	0	%100
45	MP2A	X	-2.04	-2.04	0	%100
46	MP2A	Z	-3.533	-3.533	0	%100
47	MP3A	X	-2.034	-2.034	0	%100
48	MP3A	Z	-3.523	-3.523	0	%100
49	M72	X	-2.034	-2.034	0	%100
50	M72	Z	-3.523	-3.523	0	%100
51	MP4A	X	-2.04	-2.04	0	%100
52	MP4A	Z	-3.533	-3.533	0	%100
53	MP5A	X	-2.04	-2.04	0	%100
54	MP5A	Z	-3.533	-3.533	0	%100
55	MP1C	X	-2.04	-2.04	0	%100
56	MP1C	Z	-3.533	-3.533	0	%100
57	MP2C	X	-2.04	-2.04	0	%100
58	MP2C	Z	-3.533	-3.533	0	%100
59	MP3C	X	-2.034	-2.034	0	%100
60	MP3C	Z	-3.523	-3.523	0	%100
61	M57A	X	-2.034	-2.034	0	%100
62	M57A	Z	-3.523	-3.523	0	%100
63	MP4C	X	-2.04	-2.04	0	%100
64	MP4C	Z	-3.533	-3.533	0	%100
65	MP5C	X	-2.04	-2.04	0	%100
66	MP5C	Z	-3.533	-3.533	0	%100
67	MP1B	X	-2.04	-2.04	0	%100
68	MP1B	Z	-3.533	-3.533	0	%100
69	MP2B	X	-2.04	-2.04	0	%100
70	MP2B	Z	-3.533	-3.533	0	%100
71	MP3B	X	-2.034	-2.034	0	%100
72	MP3B	Z	-3.523	-3.523	0	%100
73	M75A	X	-2.034	-2.034	0	%100
74	M75A	Z	-3.523	-3.523	0	%100
75	MP4B	X	-2.04	-2.04	0	%100
76	MP4B	Z	-3.533	-3.533	0	%100
77	MP5B	X	-2.04	-2.04	0	%100
78	MP5B	Z	-3.533	-3.533	0	%100
79	M82	X	-1.724	-1.724	0	%100
80	M82	Z	-2.986	-2.986	0	%100
81	M84	X	-1.458	-1.458	0	%100
82	M84	Z	-2.526	-2.526	0	%100
83	M85	X	-2.603	-2.603	0	%100
84	M85	Z	-4.508	-4.508	0	%100
85	M86	X	-1.458	-1.458	0	%100
86	M86	Z	-2.526	-2.526	0	%100
87	M87	X	-2.252	-2.252	0	%100
88	M87	Z	-3.9	-3.9	0	%100
89	M94	X	-2.252	-2.252	0	%100
90	M94	Z	-3.9	-3.9	0	%100
91	M95	X	-2.49	-2.49	0	%100
92	M95	Z	-4.313	-4.313	0	%100
93	M96	X	-2.49	-2.49	0	%100
94	M96	Z	-4.313	-4.313	0	%100
95	M97	X	-2.252	-2.252	0	%100
96	M97	Z	-3.9	-3.9	0	%100
97	M98	X	-2.252	-2.252	0	%100
98	M98	Z	-3.9	-3.9	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	M34A	X	0	0	0	%100
2	M34A	Z	-1.272	-1.272	0	%100
3	M35A	X	0	0	0	%100
4	M35A	Z	-.318	-.318	0	%100
5	M36A	X	0	0	0	%100
6	M36A	Z	-.318	-.318	0	%100
7	M37	X	0	0	0	%100
8	M37	Z	-1.272	-1.272	0	%100
9	M38A	X	0	0	0	%100
10	M38A	Z	-.806	-.806	0	%100
11	M39A	X	0	0	0	%100
12	M39A	Z	0	0	0	%100
13	M40	X	0	0	0	%100
14	M40	Z	-.806	-.806	0	%100
15	M41	X	0	0	0	%100
16	M41	Z	-.318	-.318	0	%100
17	M42	X	0	0	0	%100
18	M42	Z	-.318	-.318	0	%100
19	M43	X	0	0	0	%100
20	M43	Z	0	0	0	%100
21	M44	X	0	0	0	%100
22	M44	Z	0	0	0	%100
23	M45	X	0	0	0	%100
24	M45	Z	-.695	-.695	0	%100
25	M46	X	0	0	0	%100
26	M46	Z	-.545	-.545	0	%100
27	M47	X	0	0	0	%100
28	M47	Z	-.695	-.695	0	%100
29	M48	X	0	0	0	%100
30	M48	Z	-.545	-.545	0	%100
31	M49	X	0	0	0	%100
32	M49	Z	-.604	-.604	0	%100
33	M50	X	0	0	0	%100
34	M50	Z	-.151	-.151	0	%100
35	M51	X	0	0	0	%100
36	M51	Z	-.151	-.151	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	-.912	-.912	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	-.228	-.228	0	%100
41	M60A	X	0	0	0	%100
42	M60A	Z	-.228	-.228	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	-.604	-.604	0	%100
45	MP2A	X	0	0	0	%100
46	MP2A	Z	-.604	-.604	0	%100
47	MP3A	X	0	0	0	%100
48	MP3A	Z	-.604	-.604	0	%100
49	M72	X	0	0	0	%100
50	M72	Z	-.604	-.604	0	%100
51	MP4A	X	0	0	0	%100
52	MP4A	Z	-.604	-.604	0	%100
53	MP5A	X	0	0	0	%100
54	MP5A	Z	-.604	-.604	0	%100
55	MP1C	X	0	0	0	%100
56	MP1C	Z	-.604	-.604	0	%100
57	MP2C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP2C	Z	-.604	-.604	0	%100
59	MP3C	X	0	0	0	%100
60	MP3C	Z	-.604	-.604	0	%100
61	M57A	X	0	0	0	%100
62	M57A	Z	-.604	-.604	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	-.604	-.604	0	%100
65	MP5C	X	0	0	0	%100
66	MP5C	Z	-.604	-.604	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	-.604	-.604	0	%100
69	MP2B	X	0	0	0	%100
70	MP2B	Z	-.604	-.604	0	%100
71	MP3B	X	0	0	0	%100
72	MP3B	Z	-.604	-.604	0	%100
73	M75A	X	0	0	0	%100
74	M75A	Z	-.604	-.604	0	%100
75	MP4B	X	0	0	0	%100
76	MP4B	Z	-.604	-.604	0	%100
77	MP5B	X	0	0	0	%100
78	MP5B	Z	-.604	-.604	0	%100
79	M82	X	0	0	0	%100
80	M82	Z	-.551	-.551	0	%100
81	M84	X	0	0	0	%100
82	M84	Z	-.539	-.539	0	%100
83	M85	X	0	0	0	%100
84	M85	Z	-.93	-.93	0	%100
85	M86	X	0	0	0	%100
86	M86	Z	-.93	-.93	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	-.955	-.955	0	%100
89	M94	X	0	0	0	%100
90	M94	Z	-.954	-.954	0	%100
91	M95	X	0	0	0	%100
92	M95	Z	-1.059	-1.059	0	%100
93	M96	X	0	0	0	%100
94	M96	Z	-1.059	-1.059	0	%100
95	M97	X	0	0	0	%100
96	M97	Z	-1.059	-1.059	0	%100
97	M98	X	0	0	0	%100
98	M98	Z	-1.059	-1.059	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M34A	X	.477	.477	0	%100
2	M34A	Z	-.826	-.826	0	%100
3	M35A	X	.477	.477	0	%100
4	M35A	Z	-.826	-.826	0	%100
5	M36A	X	0	0	0	%100
6	M36A	Z	0	0	0	%100
7	M37	X	.477	.477	0	%100
8	M37	Z	-.826	-.826	0	%100
9	M38A	X	.537	.537	0	%100
10	M38A	Z	-.931	-.931	0	%100
11	M39A	X	.134	.134	0	%100
12	M39A	Z	-.233	-.233	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,%]
13	M40	X	.134	.134	0	%100
14	M40	Z	-.233	-.233	0	%100
15	M41	X	.477	.477	0	%100
16	M41	Z	-.826	-.826	0	%100
17	M42	X	0	0	0	%100
18	M42	Z	0	0	0	%100
19	M43	X	.116	.116	0	%100
20	M43	Z	-.201	-.201	0	%100
21	M44	X	.091	.091	0	%100
22	M44	Z	-.157	-.157	0	%100
23	M45	X	.116	.116	0	%100
24	M45	Z	-.201	-.201	0	%100
25	M46	X	.091	.091	0	%100
26	M46	Z	-.157	-.157	0	%100
27	M47	X	.464	.464	0	%100
28	M47	Z	-.803	-.803	0	%100
29	M48	X	.363	.363	0	%100
30	M48	Z	-.63	-.63	0	%100
31	M49	X	.227	.227	0	%100
32	M49	Z	-.393	-.393	0	%100
33	M50	X	.227	.227	0	%100
34	M50	Z	-.393	-.393	0	%100
35	M51	X	0	0	0	%100
36	M51	Z	0	0	0	%100
37	M58A	X	.342	.342	0	%100
38	M58A	Z	-.592	-.592	0	%100
39	M59A	X	.342	.342	0	%100
40	M59A	Z	-.592	-.592	0	%100
41	M60A	X	0	0	0	%100
42	M60A	Z	0	0	0	%100
43	MP1A	X	.302	.302	0	%100
44	MP1A	Z	-.523	-.523	0	%100
45	MP2A	X	.302	.302	0	%100
46	MP2A	Z	-.523	-.523	0	%100
47	MP3A	X	.302	.302	0	%100
48	MP3A	Z	-.523	-.523	0	%100
49	M72	X	.302	.302	0	%100
50	M72	Z	-.523	-.523	0	%100
51	MP4A	X	.302	.302	0	%100
52	MP4A	Z	-.523	-.523	0	%100
53	MP5A	X	.302	.302	0	%100
54	MP5A	Z	-.523	-.523	0	%100
55	MP1C	X	.302	.302	0	%100
56	MP1C	Z	-.523	-.523	0	%100
57	MP2C	X	.302	.302	0	%100
58	MP2C	Z	-.523	-.523	0	%100
59	MP3C	X	.302	.302	0	%100
60	MP3C	Z	-.523	-.523	0	%100
61	M57A	X	.302	.302	0	%100
62	M57A	Z	-.523	-.523	0	%100
63	MP4C	X	.302	.302	0	%100
64	MP4C	Z	-.523	-.523	0	%100
65	MP5C	X	.302	.302	0	%100
66	MP5C	Z	-.523	-.523	0	%100
67	MP1B	X	.302	.302	0	%100
68	MP1B	Z	-.523	-.523	0	%100
69	MP2B	X	.302	.302	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,%]
70	MP2B	Z	-.523	-.523	0	%100
71	MP3B	X	.302	.302	0	%100
72	MP3B	Z	-.523	-.523	0	%100
73	M75A	X	.302	.302	0	%100
74	M75A	Z	-.523	-.523	0	%100
75	MP4B	X	.302	.302	0	%100
76	MP4B	Z	-.523	-.523	0	%100
77	MP5B	X	.302	.302	0	%100
78	MP5B	Z	-.523	-.523	0	%100
79	M82	X	.275	.275	0	%100
80	M82	Z	-.477	-.477	0	%100
81	M84	X	.335	.335	0	%100
82	M84	Z	-.58	-.58	0	%100
83	M85	X	.335	.335	0	%100
84	M85	Z	-.58	-.58	0	%100
85	M86	X	.53	.53	0	%100
86	M86	Z	-.918	-.918	0	%100
87	M87	X	.495	.495	0	%100
88	M87	Z	-.857	-.857	0	%100
89	M94	X	.495	.495	0	%100
90	M94	Z	-.857	-.857	0	%100
91	M95	X	.495	.495	0	%100
92	M95	Z	-.857	-.857	0	%100
93	M96	X	.495	.495	0	%100
94	M96	Z	-.857	-.857	0	%100
95	M97	X	.547	.547	0	%100
96	M97	Z	-.948	-.948	0	%100
97	M98	X	.547	.547	0	%100
98	M98	Z	-.948	-.948	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M34A	X	.275	.275	0	%100
2	M34A	Z	-.159	-.159	0	%100
3	M35A	X	1.102	1.102	0	%100
4	M35A	Z	-.636	-.636	0	%100
5	M36A	X	.275	.275	0	%100
6	M36A	Z	-.159	-.159	0	%100
7	M37	X	.276	.276	0	%100
8	M37	Z	-.159	-.159	0	%100
9	M38A	X	.698	.698	0	%100
10	M38A	Z	-.403	-.403	0	%100
11	M39A	X	.698	.698	0	%100
12	M39A	Z	-.403	-.403	0	%100
13	M40	X	0	0	0	%100
14	M40	Z	0	0	0	%100
15	M41	X	1.102	1.102	0	%100
16	M41	Z	-.636	-.636	0	%100
17	M42	X	.275	.275	0	%100
18	M42	Z	-.159	-.159	0	%100
19	M43	X	.602	.602	0	%100
20	M43	Z	-.348	-.348	0	%100
21	M44	X	.472	.472	0	%100
22	M44	Z	-.273	-.273	0	%100
23	M45	X	0	0	0	%100
24	M45	Z	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,%]
25	M46	X	0	0	0	%100
26	M46	Z	0	0	0	%100
27	M47	X	.602	.602	0	%100
28	M47	Z	-.348	-.348	0	%100
29	M48	X	.472	.472	0	%100
30	M48	Z	-.273	-.273	0	%100
31	M49	X	.131	.131	0	%100
32	M49	Z	-.076	-.076	0	%100
33	M50	X	.523	.523	0	%100
34	M50	Z	-.302	-.302	0	%100
35	M51	X	.131	.131	0	%100
36	M51	Z	-.076	-.076	0	%100
37	M58A	X	.197	.197	0	%100
38	M58A	Z	-.114	-.114	0	%100
39	M59A	X	.79	.79	0	%100
40	M59A	Z	-.456	-.456	0	%100
41	M60A	X	.197	.197	0	%100
42	M60A	Z	-.114	-.114	0	%100
43	MP1A	X	.523	.523	0	%100
44	MP1A	Z	-.302	-.302	0	%100
45	MP2A	X	.523	.523	0	%100
46	MP2A	Z	-.302	-.302	0	%100
47	MP3A	X	.523	.523	0	%100
48	MP3A	Z	-.302	-.302	0	%100
49	M72	X	.523	.523	0	%100
50	M72	Z	-.302	-.302	0	%100
51	MP4A	X	.523	.523	0	%100
52	MP4A	Z	-.302	-.302	0	%100
53	MP5A	X	.523	.523	0	%100
54	MP5A	Z	-.302	-.302	0	%100
55	MP1C	X	.523	.523	0	%100
56	MP1C	Z	-.302	-.302	0	%100
57	MP2C	X	.523	.523	0	%100
58	MP2C	Z	-.302	-.302	0	%100
59	MP3C	X	.523	.523	0	%100
60	MP3C	Z	-.302	-.302	0	%100
61	M57A	X	.523	.523	0	%100
62	M57A	Z	-.302	-.302	0	%100
63	MP4C	X	.523	.523	0	%100
64	MP4C	Z	-.302	-.302	0	%100
65	MP5C	X	.523	.523	0	%100
66	MP5C	Z	-.302	-.302	0	%100
67	MP1B	X	.523	.523	0	%100
68	MP1B	Z	-.302	-.302	0	%100
69	MP2B	X	.523	.523	0	%100
70	MP2B	Z	-.302	-.302	0	%100
71	MP3B	X	.523	.523	0	%100
72	MP3B	Z	-.302	-.302	0	%100
73	M75A	X	.523	.523	0	%100
74	M75A	Z	-.302	-.302	0	%100
75	MP4B	X	.523	.523	0	%100
76	MP4B	Z	-.302	-.302	0	%100
77	MP5B	X	.523	.523	0	%100
78	MP5B	Z	-.302	-.302	0	%100
79	M82	X	.477	.477	0	%100
80	M82	Z	-.275	-.275	0	%100
81	M84	X	.805	.805	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,%]
82	M84	Z	-.465	-.465	0	%100
83	M85	X	.467	.467	0	%100
84	M85	Z	-.269	-.269	0	%100
85	M86	X	.805	.805	0	%100
86	M86	Z	-.465	-.465	0	%100
87	M87	X	.917	.917	0	%100
88	M87	Z	-.53	-.53	0	%100
89	M94	X	.917	.917	0	%100
90	M94	Z	-.53	-.53	0	%100
91	M95	X	.827	.827	0	%100
92	M95	Z	-.477	-.477	0	%100
93	M96	X	.827	.827	0	%100
94	M96	Z	-.477	-.477	0	%100
95	M97	X	.917	.917	0	%100
96	M97	Z	-.53	-.53	0	%100
97	M98	X	.917	.917	0	%100
98	M98	Z	-.53	-.53	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	M34A	X	0	0	0	%100
2	M34A	Z	0	0	0	%100
3	M35A	X	.954	.954	0	%100
4	M35A	Z	0	0	0	%100
5	M36A	X	.954	.954	0	%100
6	M36A	Z	0	0	0	%100
7	M37	X	0	0	0	%100
8	M37	Z	0	0	0	%100
9	M38A	X	.269	.269	0	%100
10	M38A	Z	0	0	0	%100
11	M39A	X	1.074	1.074	0	%100
12	M39A	Z	0	0	0	%100
13	M40	X	.269	.269	0	%100
14	M40	Z	0	0	0	%100
15	M41	X	.954	.954	0	%100
16	M41	Z	0	0	0	%100
17	M42	X	.954	.954	0	%100
18	M42	Z	0	0	0	%100
19	M43	X	.927	.927	0	%100
20	M43	Z	0	0	0	%100
21	M44	X	.727	.727	0	%100
22	M44	Z	0	0	0	%100
23	M45	X	.232	.232	0	%100
24	M45	Z	0	0	0	%100
25	M46	X	.182	.182	0	%100
26	M46	Z	0	0	0	%100
27	M47	X	.232	.232	0	%100
28	M47	Z	0	0	0	%100
29	M48	X	.182	.182	0	%100
30	M48	Z	0	0	0	%100
31	M49	X	0	0	0	%100
32	M49	Z	0	0	0	%100
33	M50	X	.453	.453	0	%100
34	M50	Z	0	0	0	%100
35	M51	X	.453	.453	0	%100
36	M51	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	M58A	X	0	0	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	.684	.684	0	%100
40	M59A	Z	0	0	0	%100
41	M60A	X	.684	.684	0	%100
42	M60A	Z	0	0	0	%100
43	MP1A	X	.604	.604	0	%100
44	MP1A	Z	0	0	0	%100
45	MP2A	X	.604	.604	0	%100
46	MP2A	Z	0	0	0	%100
47	MP3A	X	.604	.604	0	%100
48	MP3A	Z	0	0	0	%100
49	M72	X	.604	.604	0	%100
50	M72	Z	0	0	0	%100
51	MP4A	X	.604	.604	0	%100
52	MP4A	Z	0	0	0	%100
53	MP5A	X	.604	.604	0	%100
54	MP5A	Z	0	0	0	%100
55	MP1C	X	.604	.604	0	%100
56	MP1C	Z	0	0	0	%100
57	MP2C	X	.604	.604	0	%100
58	MP2C	Z	0	0	0	%100
59	MP3C	X	.604	.604	0	%100
60	MP3C	Z	0	0	0	%100
61	M57A	X	.604	.604	0	%100
62	M57A	Z	0	0	0	%100
63	MP4C	X	.604	.604	0	%100
64	MP4C	Z	0	0	0	%100
65	MP5C	X	.604	.604	0	%100
66	MP5C	Z	0	0	0	%100
67	MP1B	X	.604	.604	0	%100
68	MP1B	Z	0	0	0	%100
69	MP2B	X	.604	.604	0	%100
70	MP2B	Z	0	0	0	%100
71	MP3B	X	.604	.604	0	%100
72	MP3B	Z	0	0	0	%100
73	M75A	X	.604	.604	0	%100
74	M75A	Z	0	0	0	%100
75	MP4B	X	.604	.604	0	%100
76	MP4B	Z	0	0	0	%100
77	MP5B	X	.604	.604	0	%100
78	MP5B	Z	0	0	0	%100
79	M82	X	.551	.551	0	%100
80	M82	Z	0	0	0	%100
81	M84	X	1.06	1.06	0	%100
82	M84	Z	0	0	0	%100
83	M85	X	.669	.669	0	%100
84	M85	Z	0	0	0	%100
85	M86	X	.669	.669	0	%100
86	M86	Z	0	0	0	%100
87	M87	X	1.094	1.094	0	%100
88	M87	Z	0	0	0	%100
89	M94	X	1.094	1.094	0	%100
90	M94	Z	0	0	0	%100
91	M95	X	.989	.989	0	%100
92	M95	Z	0	0	0	%100
93	M96	X	.989	.989	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,%]
94	M96	Z	0	0	0	%100
95	M97	X	.989	.989	0	%100
96	M97	Z	0	0	0	%100
97	M98	X	.989	.989	0	%100
98	M98	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	M34A	X	.275	.275	0	%100
2	M34A	Z	.159	.159	0	%100
3	M35A	X	.276	.276	0	%100
4	M35A	Z	.159	.159	0	%100
5	M36A	X	1.102	1.102	0	%100
6	M36A	Z	.636	.636	0	%100
7	M37	X	.275	.275	0	%100
8	M37	Z	.159	.159	0	%100
9	M38A	X	0	0	0	%100
10	M38A	Z	0	0	0	%100
11	M39A	X	.698	.698	0	%100
12	M39A	Z	.403	.403	0	%100
13	M40	X	.698	.698	0	%100
14	M40	Z	.403	.403	0	%100
15	M41	X	.276	.276	0	%100
16	M41	Z	.159	.159	0	%100
17	M42	X	1.102	1.102	0	%100
18	M42	Z	.636	.636	0	%100
19	M43	X	.602	.602	0	%100
20	M43	Z	.348	.348	0	%100
21	M44	X	.472	.472	0	%100
22	M44	Z	.273	.273	0	%100
23	M45	X	.602	.602	0	%100
24	M45	Z	.348	.348	0	%100
25	M46	X	.472	.472	0	%100
26	M46	Z	.273	.273	0	%100
27	M47	X	0	0	0	%100
28	M47	Z	0	0	0	%100
29	M48	X	0	0	0	%100
30	M48	Z	0	0	0	%100
31	M49	X	.131	.131	0	%100
32	M49	Z	.076	.076	0	%100
33	M50	X	.131	.131	0	%100
34	M50	Z	.076	.076	0	%100
35	M51	X	.523	.523	0	%100
36	M51	Z	.302	.302	0	%100
37	M58A	X	.197	.197	0	%100
38	M58A	Z	.114	.114	0	%100
39	M59A	X	.197	.197	0	%100
40	M59A	Z	.114	.114	0	%100
41	M60A	X	.79	.79	0	%100
42	M60A	Z	.456	.456	0	%100
43	MP1A	X	.523	.523	0	%100
44	MP1A	Z	.302	.302	0	%100
45	MP2A	X	.523	.523	0	%100
46	MP2A	Z	.302	.302	0	%100
47	MP3A	X	.523	.523	0	%100
48	MP3A	Z	.302	.302	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,%]
49	M72	X	.523	.523	0	%100
50	M72	Z	.302	.302	0	%100
51	MP4A	X	.523	.523	0	%100
52	MP4A	Z	.302	.302	0	%100
53	MP5A	X	.523	.523	0	%100
54	MP5A	Z	.302	.302	0	%100
55	MP1C	X	.523	.523	0	%100
56	MP1C	Z	.302	.302	0	%100
57	MP2C	X	.523	.523	0	%100
58	MP2C	Z	.302	.302	0	%100
59	MP3C	X	.523	.523	0	%100
60	MP3C	Z	.302	.302	0	%100
61	M57A	X	.523	.523	0	%100
62	M57A	Z	.302	.302	0	%100
63	MP4C	X	.523	.523	0	%100
64	MP4C	Z	.302	.302	0	%100
65	MP5C	X	.523	.523	0	%100
66	MP5C	Z	.302	.302	0	%100
67	MP1B	X	.523	.523	0	%100
68	MP1B	Z	.302	.302	0	%100
69	MP2B	X	.523	.523	0	%100
70	MP2B	Z	.302	.302	0	%100
71	MP3B	X	.523	.523	0	%100
72	MP3B	Z	.302	.302	0	%100
73	M75A	X	.523	.523	0	%100
74	M75A	Z	.302	.302	0	%100
75	MP4B	X	.523	.523	0	%100
76	MP4B	Z	.302	.302	0	%100
77	MP5B	X	.523	.523	0	%100
78	MP5B	Z	.302	.302	0	%100
79	M82	X	.477	.477	0	%100
80	M82	Z	.275	.275	0	%100
81	M84	X	.805	.805	0	%100
82	M84	Z	.465	.465	0	%100
83	M85	X	.805	.805	0	%100
84	M85	Z	.465	.465	0	%100
85	M86	X	.467	.467	0	%100
86	M86	Z	.269	.269	0	%100
87	M87	X	.917	.917	0	%100
88	M87	Z	.53	.53	0	%100
89	M94	X	.917	.917	0	%100
90	M94	Z	.53	.53	0	%100
91	M95	X	.917	.917	0	%100
92	M95	Z	.53	.53	0	%100
93	M96	X	.917	.917	0	%100
94	M96	Z	.53	.53	0	%100
95	M97	X	.827	.827	0	%100
96	M97	Z	.477	.477	0	%100
97	M98	X	.827	.827	0	%100
98	M98	Z	.477	.477	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	M34A	X	.477	.477	0	%100
2	M34A	Z	.826	.826	0	%100
3	M35A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M35A	Z	0	0	0	%100
5	M36A	X	.477	.477	0	%100
6	M36A	Z	.826	.826	0	%100
7	M37	X	.477	.477	0	%100
8	M37	Z	.826	.826	0	%100
9	M38A	X	.134	.134	0	%100
10	M38A	Z	.233	.233	0	%100
11	M39A	X	.134	.134	0	%100
12	M39A	Z	.233	.233	0	%100
13	M40	X	.537	.537	0	%100
14	M40	Z	.931	.931	0	%100
15	M41	X	0	0	0	%100
16	M41	Z	0	0	0	%100
17	M42	X	.477	.477	0	%100
18	M42	Z	.826	.826	0	%100
19	M43	X	.116	.116	0	%100
20	M43	Z	.201	.201	0	%100
21	M44	X	.091	.091	0	%100
22	M44	Z	.157	.157	0	%100
23	M45	X	.464	.464	0	%100
24	M45	Z	.803	.803	0	%100
25	M46	X	.363	.363	0	%100
26	M46	Z	.63	.63	0	%100
27	M47	X	.116	.116	0	%100
28	M47	Z	.201	.201	0	%100
29	M48	X	.091	.091	0	%100
30	M48	Z	.157	.157	0	%100
31	M49	X	.227	.227	0	%100
32	M49	Z	.393	.393	0	%100
33	M50	X	0	0	0	%100
34	M50	Z	0	0	0	%100
35	M51	X	.227	.227	0	%100
36	M51	Z	.393	.393	0	%100
37	M58A	X	.342	.342	0	%100
38	M58A	Z	.592	.592	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	0	0	0	%100
41	M60A	X	.342	.342	0	%100
42	M60A	Z	.592	.592	0	%100
43	MP1A	X	.302	.302	0	%100
44	MP1A	Z	.523	.523	0	%100
45	MP2A	X	.302	.302	0	%100
46	MP2A	Z	.523	.523	0	%100
47	MP3A	X	.302	.302	0	%100
48	MP3A	Z	.523	.523	0	%100
49	M72	X	.302	.302	0	%100
50	M72	Z	.523	.523	0	%100
51	MP4A	X	.302	.302	0	%100
52	MP4A	Z	.523	.523	0	%100
53	MP5A	X	.302	.302	0	%100
54	MP5A	Z	.523	.523	0	%100
55	MP1C	X	.302	.302	0	%100
56	MP1C	Z	.523	.523	0	%100
57	MP2C	X	.302	.302	0	%100
58	MP2C	Z	.523	.523	0	%100
59	MP3C	X	.302	.302	0	%100
60	MP3C	Z	.523	.523	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M57A	X	.302	.302	0	%100
62	M57A	Z	.523	.523	0	%100
63	MP4C	X	.302	.302	0	%100
64	MP4C	Z	.523	.523	0	%100
65	MP5C	X	.302	.302	0	%100
66	MP5C	Z	.523	.523	0	%100
67	MP1B	X	.302	.302	0	%100
68	MP1B	Z	.523	.523	0	%100
69	MP2B	X	.302	.302	0	%100
70	MP2B	Z	.523	.523	0	%100
71	MP3B	X	.302	.302	0	%100
72	MP3B	Z	.523	.523	0	%100
73	M75A	X	.302	.302	0	%100
74	M75A	Z	.523	.523	0	%100
75	MP4B	X	.302	.302	0	%100
76	MP4B	Z	.523	.523	0	%100
77	MP5B	X	.302	.302	0	%100
78	MP5B	Z	.523	.523	0	%100
79	M82	X	.275	.275	0	%100
80	M82	Z	.477	.477	0	%100
81	M84	X	.335	.335	0	%100
82	M84	Z	.58	.58	0	%100
83	M85	X	.53	.53	0	%100
84	M85	Z	.918	.918	0	%100
85	M86	X	.335	.335	0	%100
86	M86	Z	.58	.58	0	%100
87	M87	X	.495	.495	0	%100
88	M87	Z	.857	.857	0	%100
89	M94	X	.495	.495	0	%100
90	M94	Z	.857	.857	0	%100
91	M95	X	.547	.547	0	%100
92	M95	Z	.948	.948	0	%100
93	M96	X	.547	.547	0	%100
94	M96	Z	.948	.948	0	%100
95	M97	X	.495	.495	0	%100
96	M97	Z	.857	.857	0	%100
97	M98	X	.495	.495	0	%100
98	M98	Z	.857	.857	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M34A	X	0	0	0	%100
2	M34A	Z	1.272	1.272	0	%100
3	M35A	X	0	0	0	%100
4	M35A	Z	.318	.318	0	%100
5	M36A	X	0	0	0	%100
6	M36A	Z	.318	.318	0	%100
7	M37	X	0	0	0	%100
8	M37	Z	1.272	1.272	0	%100
9	M38A	X	0	0	0	%100
10	M38A	Z	.806	.806	0	%100
11	M39A	X	0	0	0	%100
12	M39A	Z	0	0	0	%100
13	M40	X	0	0	0	%100
14	M40	Z	.806	.806	0	%100
15	M41	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M41	Z	.318	.318	0	%100
17	M42	X	0	0	0	%100
18	M42	Z	.318	.318	0	%100
19	M43	X	0	0	0	%100
20	M43	Z	0	0	0	%100
21	M44	X	0	0	0	%100
22	M44	Z	0	0	0	%100
23	M45	X	0	0	0	%100
24	M45	Z	.695	.695	0	%100
25	M46	X	0	0	0	%100
26	M46	Z	.545	.545	0	%100
27	M47	X	0	0	0	%100
28	M47	Z	.695	.695	0	%100
29	M48	X	0	0	0	%100
30	M48	Z	.545	.545	0	%100
31	M49	X	0	0	0	%100
32	M49	Z	.604	.604	0	%100
33	M50	X	0	0	0	%100
34	M50	Z	.151	.151	0	%100
35	M51	X	0	0	0	%100
36	M51	Z	.151	.151	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	.912	.912	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	.228	.228	0	%100
41	M60A	X	0	0	0	%100
42	M60A	Z	.228	.228	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	.604	.604	0	%100
45	MP2A	X	0	0	0	%100
46	MP2A	Z	.604	.604	0	%100
47	MP3A	X	0	0	0	%100
48	MP3A	Z	.604	.604	0	%100
49	M72	X	0	0	0	%100
50	M72	Z	.604	.604	0	%100
51	MP4A	X	0	0	0	%100
52	MP4A	Z	.604	.604	0	%100
53	MP5A	X	0	0	0	%100
54	MP5A	Z	.604	.604	0	%100
55	MP1C	X	0	0	0	%100
56	MP1C	Z	.604	.604	0	%100
57	MP2C	X	0	0	0	%100
58	MP2C	Z	.604	.604	0	%100
59	MP3C	X	0	0	0	%100
60	MP3C	Z	.604	.604	0	%100
61	M57A	X	0	0	0	%100
62	M57A	Z	.604	.604	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	.604	.604	0	%100
65	MP5C	X	0	0	0	%100
66	MP5C	Z	.604	.604	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	.604	.604	0	%100
69	MP2B	X	0	0	0	%100
70	MP2B	Z	.604	.604	0	%100
71	MP3B	X	0	0	0	%100
72	MP3B	Z	.604	.604	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,%]
73	M75A	X	0	0	0	%100
74	M75A	Z	.604	.604	0	%100
75	MP4B	X	0	0	0	%100
76	MP4B	Z	.604	.604	0	%100
77	MP5B	X	0	0	0	%100
78	MP5B	Z	.604	.604	0	%100
79	M82	X	0	0	0	%100
80	M82	Z	.551	.551	0	%100
81	M84	X	0	0	0	%100
82	M84	Z	.539	.539	0	%100
83	M85	X	0	0	0	%100
84	M85	Z	.93	.93	0	%100
85	M86	X	0	0	0	%100
86	M86	Z	.93	.93	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	.955	.955	0	%100
89	M94	X	0	0	0	%100
90	M94	Z	.954	.954	0	%100
91	M95	X	0	0	0	%100
92	M95	Z	1.059	1.059	0	%100
93	M96	X	0	0	0	%100
94	M96	Z	1.059	1.059	0	%100
95	M97	X	0	0	0	%100
96	M97	Z	1.059	1.059	0	%100
97	M98	X	0	0	0	%100
98	M98	Z	1.059	1.059	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M34A	X	-.477	-.477	0	%100
2	M34A	Z	.826	.826	0	%100
3	M35A	X	-.477	-.477	0	%100
4	M35A	Z	.826	.826	0	%100
5	M36A	X	0	0	0	%100
6	M36A	Z	0	0	0	%100
7	M37	X	-.477	-.477	0	%100
8	M37	Z	.826	.826	0	%100
9	M38A	X	-.537	-.537	0	%100
10	M38A	Z	.931	.931	0	%100
11	M39A	X	-.134	-.134	0	%100
12	M39A	Z	.233	.233	0	%100
13	M40	X	-.134	-.134	0	%100
14	M40	Z	.233	.233	0	%100
15	M41	X	-.477	-.477	0	%100
16	M41	Z	.826	.826	0	%100
17	M42	X	0	0	0	%100
18	M42	Z	0	0	0	%100
19	M43	X	-.116	-.116	0	%100
20	M43	Z	.201	.201	0	%100
21	M44	X	-.091	-.091	0	%100
22	M44	Z	.157	.157	0	%100
23	M45	X	-.116	-.116	0	%100
24	M45	Z	.201	.201	0	%100
25	M46	X	-.091	-.091	0	%100
26	M46	Z	.157	.157	0	%100
27	M47	X	-.464	-.464	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,%]
28	M47	Z	.803	.803	0	%100
29	M48	X	-.363	-.363	0	%100
30	M48	Z	.63	.63	0	%100
31	M49	X	-.227	-.227	0	%100
32	M49	Z	.393	.393	0	%100
33	M50	X	-.227	-.227	0	%100
34	M50	Z	.393	.393	0	%100
35	M51	X	0	0	0	%100
36	M51	Z	0	0	0	%100
37	M58A	X	-.342	-.342	0	%100
38	M58A	Z	.592	.592	0	%100
39	M59A	X	-.342	-.342	0	%100
40	M59A	Z	.592	.592	0	%100
41	M60A	X	0	0	0	%100
42	M60A	Z	0	0	0	%100
43	MP1A	X	-.302	-.302	0	%100
44	MP1A	Z	.523	.523	0	%100
45	MP2A	X	-.302	-.302	0	%100
46	MP2A	Z	.523	.523	0	%100
47	MP3A	X	-.302	-.302	0	%100
48	MP3A	Z	.523	.523	0	%100
49	M72	X	-.302	-.302	0	%100
50	M72	Z	.523	.523	0	%100
51	MP4A	X	-.302	-.302	0	%100
52	MP4A	Z	.523	.523	0	%100
53	MP5A	X	-.302	-.302	0	%100
54	MP5A	Z	.523	.523	0	%100
55	MP1C	X	-.302	-.302	0	%100
56	MP1C	Z	.523	.523	0	%100
57	MP2C	X	-.302	-.302	0	%100
58	MP2C	Z	.523	.523	0	%100
59	MP3C	X	-.302	-.302	0	%100
60	MP3C	Z	.523	.523	0	%100
61	M57A	X	-.302	-.302	0	%100
62	M57A	Z	.523	.523	0	%100
63	MP4C	X	-.302	-.302	0	%100
64	MP4C	Z	.523	.523	0	%100
65	MP5C	X	-.302	-.302	0	%100
66	MP5C	Z	.523	.523	0	%100
67	MP1B	X	-.302	-.302	0	%100
68	MP1B	Z	.523	.523	0	%100
69	MP2B	X	-.302	-.302	0	%100
70	MP2B	Z	.523	.523	0	%100
71	MP3B	X	-.302	-.302	0	%100
72	MP3B	Z	.523	.523	0	%100
73	M75A	X	-.302	-.302	0	%100
74	M75A	Z	.523	.523	0	%100
75	MP4B	X	-.302	-.302	0	%100
76	MP4B	Z	.523	.523	0	%100
77	MP5B	X	-.302	-.302	0	%100
78	MP5B	Z	.523	.523	0	%100
79	M82	X	-.275	-.275	0	%100
80	M82	Z	.477	.477	0	%100
81	M84	X	-.335	-.335	0	%100
82	M84	Z	.58	.58	0	%100
83	M85	X	-.335	-.335	0	%100
84	M85	Z	.58	.58	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,%]
85	M86	X	-.53	-.53	0	%100
86	M86	Z	.918	.918	0	%100
87	M87	X	-.495	-.495	0	%100
88	M87	Z	.857	.857	0	%100
89	M94	X	-.495	-.495	0	%100
90	M94	Z	.857	.857	0	%100
91	M95	X	-.495	-.495	0	%100
92	M95	Z	.857	.857	0	%100
93	M96	X	-.495	-.495	0	%100
94	M96	Z	.857	.857	0	%100
95	M97	X	-.547	-.547	0	%100
96	M97	Z	.948	.948	0	%100
97	M98	X	-.547	-.547	0	%100
98	M98	Z	.948	.948	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	M34A	X	-.275	-.275	0	%100
2	M34A	Z	.159	.159	0	%100
3	M35A	X	-1.102	-1.102	0	%100
4	M35A	Z	.636	.636	0	%100
5	M36A	X	-.275	-.275	0	%100
6	M36A	Z	.159	.159	0	%100
7	M37	X	-.276	-.276	0	%100
8	M37	Z	.159	.159	0	%100
9	M38A	X	-.698	-.698	0	%100
10	M38A	Z	.403	.403	0	%100
11	M39A	X	-.698	-.698	0	%100
12	M39A	Z	.403	.403	0	%100
13	M40	X	0	0	0	%100
14	M40	Z	0	0	0	%100
15	M41	X	-1.102	-1.102	0	%100
16	M41	Z	.636	.636	0	%100
17	M42	X	-.275	-.275	0	%100
18	M42	Z	.159	.159	0	%100
19	M43	X	-.602	-.602	0	%100
20	M43	Z	.348	.348	0	%100
21	M44	X	-.472	-.472	0	%100
22	M44	Z	.273	.273	0	%100
23	M45	X	0	0	0	%100
24	M45	Z	0	0	0	%100
25	M46	X	0	0	0	%100
26	M46	Z	0	0	0	%100
27	M47	X	-.602	-.602	0	%100
28	M47	Z	.348	.348	0	%100
29	M48	X	-.472	-.472	0	%100
30	M48	Z	.273	.273	0	%100
31	M49	X	-.131	-.131	0	%100
32	M49	Z	.076	.076	0	%100
33	M50	X	-.523	-.523	0	%100
34	M50	Z	.302	.302	0	%100
35	M51	X	-.131	-.131	0	%100
36	M51	Z	.076	.076	0	%100
37	M58A	X	-.197	-.197	0	%100
38	M58A	Z	.114	.114	0	%100
39	M59A	X	-.79	-.79	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,%]
40	M59A	Z	.456	.456	0	%100
41	M60A	X	-.197	-.197	0	%100
42	M60A	Z	.114	.114	0	%100
43	MP1A	X	-.523	-.523	0	%100
44	MP1A	Z	.302	.302	0	%100
45	MP2A	X	-.523	-.523	0	%100
46	MP2A	Z	.302	.302	0	%100
47	MP3A	X	-.523	-.523	0	%100
48	MP3A	Z	.302	.302	0	%100
49	M72	X	-.523	-.523	0	%100
50	M72	Z	.302	.302	0	%100
51	MP4A	X	-.523	-.523	0	%100
52	MP4A	Z	.302	.302	0	%100
53	MP5A	X	-.523	-.523	0	%100
54	MP5A	Z	.302	.302	0	%100
55	MP1C	X	-.523	-.523	0	%100
56	MP1C	Z	.302	.302	0	%100
57	MP2C	X	-.523	-.523	0	%100
58	MP2C	Z	.302	.302	0	%100
59	MP3C	X	-.523	-.523	0	%100
60	MP3C	Z	.302	.302	0	%100
61	M57A	X	-.523	-.523	0	%100
62	M57A	Z	.302	.302	0	%100
63	MP4C	X	-.523	-.523	0	%100
64	MP4C	Z	.302	.302	0	%100
65	MP5C	X	-.523	-.523	0	%100
66	MP5C	Z	.302	.302	0	%100
67	MP1B	X	-.523	-.523	0	%100
68	MP1B	Z	.302	.302	0	%100
69	MP2B	X	-.523	-.523	0	%100
70	MP2B	Z	.302	.302	0	%100
71	MP3B	X	-.523	-.523	0	%100
72	MP3B	Z	.302	.302	0	%100
73	M75A	X	-.523	-.523	0	%100
74	M75A	Z	.302	.302	0	%100
75	MP4B	X	-.523	-.523	0	%100
76	MP4B	Z	.302	.302	0	%100
77	MP5B	X	-.523	-.523	0	%100
78	MP5B	Z	.302	.302	0	%100
79	M82	X	-.477	-.477	0	%100
80	M82	Z	.275	.275	0	%100
81	M84	X	-.805	-.805	0	%100
82	M84	Z	.465	.465	0	%100
83	M85	X	-.467	-.467	0	%100
84	M85	Z	.269	.269	0	%100
85	M86	X	-.805	-.805	0	%100
86	M86	Z	.465	.465	0	%100
87	M87	X	-.917	-.917	0	%100
88	M87	Z	.53	.53	0	%100
89	M94	X	-.917	-.917	0	%100
90	M94	Z	.53	.53	0	%100
91	M95	X	-.827	-.827	0	%100
92	M95	Z	.477	.477	0	%100
93	M96	X	-.827	-.827	0	%100
94	M96	Z	.477	.477	0	%100
95	M97	X	-.917	-.917	0	%100
96	M97	Z	.53	.53	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,%]
97	M98	X	-.917	-.917	0	%100
98	M98	Z	.53	.53	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	M34A	X	0	0	0	%100
2	M34A	Z	0	0	0	%100
3	M35A	X	-.954	-.954	0	%100
4	M35A	Z	0	0	0	%100
5	M36A	X	-.954	-.954	0	%100
6	M36A	Z	0	0	0	%100
7	M37	X	0	0	0	%100
8	M37	Z	0	0	0	%100
9	M38A	X	-.269	-.269	0	%100
10	M38A	Z	0	0	0	%100
11	M39A	X	-1.074	-1.074	0	%100
12	M39A	Z	0	0	0	%100
13	M40	X	-.269	-.269	0	%100
14	M40	Z	0	0	0	%100
15	M41	X	-.954	-.954	0	%100
16	M41	Z	0	0	0	%100
17	M42	X	-.954	-.954	0	%100
18	M42	Z	0	0	0	%100
19	M43	X	-.927	-.927	0	%100
20	M43	Z	0	0	0	%100
21	M44	X	-.727	-.727	0	%100
22	M44	Z	0	0	0	%100
23	M45	X	-.232	-.232	0	%100
24	M45	Z	0	0	0	%100
25	M46	X	-.182	-.182	0	%100
26	M46	Z	0	0	0	%100
27	M47	X	-.232	-.232	0	%100
28	M47	Z	0	0	0	%100
29	M48	X	-.182	-.182	0	%100
30	M48	Z	0	0	0	%100
31	M49	X	0	0	0	%100
32	M49	Z	0	0	0	%100
33	M50	X	-.453	-.453	0	%100
34	M50	Z	0	0	0	%100
35	M51	X	-.453	-.453	0	%100
36	M51	Z	0	0	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	-.684	-.684	0	%100
40	M59A	Z	0	0	0	%100
41	M60A	X	-.684	-.684	0	%100
42	M60A	Z	0	0	0	%100
43	MP1A	X	-.604	-.604	0	%100
44	MP1A	Z	0	0	0	%100
45	MP2A	X	-.604	-.604	0	%100
46	MP2A	Z	0	0	0	%100
47	MP3A	X	-.604	-.604	0	%100
48	MP3A	Z	0	0	0	%100
49	M72	X	-.604	-.604	0	%100
50	M72	Z	0	0	0	%100
51	MP4A	X	-.604	-.604	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,%]
52	MP4A	Z	0	0	0	%100
53	MP5A	X	-.604	-.604	0	%100
54	MP5A	Z	0	0	0	%100
55	MP1C	X	-.604	-.604	0	%100
56	MP1C	Z	0	0	0	%100
57	MP2C	X	-.604	-.604	0	%100
58	MP2C	Z	0	0	0	%100
59	MP3C	X	-.604	-.604	0	%100
60	MP3C	Z	0	0	0	%100
61	M57A	X	-.604	-.604	0	%100
62	M57A	Z	0	0	0	%100
63	MP4C	X	-.604	-.604	0	%100
64	MP4C	Z	0	0	0	%100
65	MP5C	X	-.604	-.604	0	%100
66	MP5C	Z	0	0	0	%100
67	MP1B	X	-.604	-.604	0	%100
68	MP1B	Z	0	0	0	%100
69	MP2B	X	-.604	-.604	0	%100
70	MP2B	Z	0	0	0	%100
71	MP3B	X	-.604	-.604	0	%100
72	MP3B	Z	0	0	0	%100
73	M75A	X	-.604	-.604	0	%100
74	M75A	Z	0	0	0	%100
75	MP4B	X	-.604	-.604	0	%100
76	MP4B	Z	0	0	0	%100
77	MP5B	X	-.604	-.604	0	%100
78	MP5B	Z	0	0	0	%100
79	M82	X	-.551	-.551	0	%100
80	M82	Z	0	0	0	%100
81	M84	X	-1.06	-1.06	0	%100
82	M84	Z	0	0	0	%100
83	M85	X	-.669	-.669	0	%100
84	M85	Z	0	0	0	%100
85	M86	X	-.669	-.669	0	%100
86	M86	Z	0	0	0	%100
87	M87	X	-1.094	-1.094	0	%100
88	M87	Z	0	0	0	%100
89	M94	X	-1.094	-1.094	0	%100
90	M94	Z	0	0	0	%100
91	M95	X	-.989	-.989	0	%100
92	M95	Z	0	0	0	%100
93	M96	X	-.989	-.989	0	%100
94	M96	Z	0	0	0	%100
95	M97	X	-.989	-.989	0	%100
96	M97	Z	0	0	0	%100
97	M98	X	-.989	-.989	0	%100
98	M98	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M34A	X	-.275	-.275	0	%100
2	M34A	Z	-.159	-.159	0	%100
3	M35A	X	-.276	-.276	0	%100
4	M35A	Z	-.159	-.159	0	%100
5	M36A	X	-1.102	-1.102	0	%100
6	M36A	Z	-.636	-.636	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
7	M37	X	-.275	-.275	0	%100
8	M37	Z	-.159	-.159	0	%100
9	M38A	X	0	0	0	%100
10	M38A	Z	0	0	0	%100
11	M39A	X	-.698	-.698	0	%100
12	M39A	Z	-.403	-.403	0	%100
13	M40	X	-.698	-.698	0	%100
14	M40	Z	-.403	-.403	0	%100
15	M41	X	-.276	-.276	0	%100
16	M41	Z	-.159	-.159	0	%100
17	M42	X	-1.102	-1.102	0	%100
18	M42	Z	-.636	-.636	0	%100
19	M43	X	-.602	-.602	0	%100
20	M43	Z	-.348	-.348	0	%100
21	M44	X	-.472	-.472	0	%100
22	M44	Z	-.273	-.273	0	%100
23	M45	X	-.602	-.602	0	%100
24	M45	Z	-.348	-.348	0	%100
25	M46	X	-.472	-.472	0	%100
26	M46	Z	-.273	-.273	0	%100
27	M47	X	0	0	0	%100
28	M47	Z	0	0	0	%100
29	M48	X	0	0	0	%100
30	M48	Z	0	0	0	%100
31	M49	X	-.131	-.131	0	%100
32	M49	Z	-.076	-.076	0	%100
33	M50	X	-.131	-.131	0	%100
34	M50	Z	-.076	-.076	0	%100
35	M51	X	-.523	-.523	0	%100
36	M51	Z	-.302	-.302	0	%100
37	M58A	X	-.197	-.197	0	%100
38	M58A	Z	-.114	-.114	0	%100
39	M59A	X	-.197	-.197	0	%100
40	M59A	Z	-.114	-.114	0	%100
41	M60A	X	-.79	-.79	0	%100
42	M60A	Z	-.456	-.456	0	%100
43	MP1A	X	-.523	-.523	0	%100
44	MP1A	Z	-.302	-.302	0	%100
45	MP2A	X	-.523	-.523	0	%100
46	MP2A	Z	-.302	-.302	0	%100
47	MP3A	X	-.523	-.523	0	%100
48	MP3A	Z	-.302	-.302	0	%100
49	M72	X	-.523	-.523	0	%100
50	M72	Z	-.302	-.302	0	%100
51	MP4A	X	-.523	-.523	0	%100
52	MP4A	Z	-.302	-.302	0	%100
53	MP5A	X	-.523	-.523	0	%100
54	MP5A	Z	-.302	-.302	0	%100
55	MP1C	X	-.523	-.523	0	%100
56	MP1C	Z	-.302	-.302	0	%100
57	MP2C	X	-.523	-.523	0	%100
58	MP2C	Z	-.302	-.302	0	%100
59	MP3C	X	-.523	-.523	0	%100
60	MP3C	Z	-.302	-.302	0	%100
61	M57A	X	-.523	-.523	0	%100
62	M57A	Z	-.302	-.302	0	%100
63	MP4C	X	-.523	-.523	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
64	MP4C	Z	-.302	-.302	0	%100
65	MP5C	X	-.523	-.523	0	%100
66	MP5C	Z	-.302	-.302	0	%100
67	MP1B	X	-.523	-.523	0	%100
68	MP1B	Z	-.302	-.302	0	%100
69	MP2B	X	-.523	-.523	0	%100
70	MP2B	Z	-.302	-.302	0	%100
71	MP3B	X	-.523	-.523	0	%100
72	MP3B	Z	-.302	-.302	0	%100
73	M75A	X	-.523	-.523	0	%100
74	M75A	Z	-.302	-.302	0	%100
75	MP4B	X	-.523	-.523	0	%100
76	MP4B	Z	-.302	-.302	0	%100
77	MP5B	X	-.523	-.523	0	%100
78	MP5B	Z	-.302	-.302	0	%100
79	M82	X	-.477	-.477	0	%100
80	M82	Z	-.275	-.275	0	%100
81	M84	X	-.805	-.805	0	%100
82	M84	Z	-.465	-.465	0	%100
83	M85	X	-.805	-.805	0	%100
84	M85	Z	-.465	-.465	0	%100
85	M86	X	-.467	-.467	0	%100
86	M86	Z	-.269	-.269	0	%100
87	M87	X	-.917	-.917	0	%100
88	M87	Z	-.53	-.53	0	%100
89	M94	X	-.917	-.917	0	%100
90	M94	Z	-.53	-.53	0	%100
91	M95	X	-.917	-.917	0	%100
92	M95	Z	-.53	-.53	0	%100
93	M96	X	-.917	-.917	0	%100
94	M96	Z	-.53	-.53	0	%100
95	M97	X	-.827	-.827	0	%100
96	M97	Z	-.477	-.477	0	%100
97	M98	X	-.827	-.827	0	%100
98	M98	Z	-.477	-.477	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M34A	X	-.477	-.477	0	%100
2	M34A	Z	-.826	-.826	0	%100
3	M35A	X	0	0	0	%100
4	M35A	Z	0	0	0	%100
5	M36A	X	-.477	-.477	0	%100
6	M36A	Z	-.826	-.826	0	%100
7	M37	X	-.477	-.477	0	%100
8	M37	Z	-.826	-.826	0	%100
9	M38A	X	-.134	-.134	0	%100
10	M38A	Z	-.233	-.233	0	%100
11	M39A	X	-.134	-.134	0	%100
12	M39A	Z	-.233	-.233	0	%100
13	M40	X	-.537	-.537	0	%100
14	M40	Z	-.931	-.931	0	%100
15	M41	X	0	0	0	%100
16	M41	Z	0	0	0	%100
17	M42	X	-.477	-.477	0	%100
18	M42	Z	-.826	-.826	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,%]
19	M43	X	-.116	-.116	0	%100
20	M43	Z	-.201	-.201	0	%100
21	M44	X	-.091	-.091	0	%100
22	M44	Z	-.157	-.157	0	%100
23	M45	X	-.464	-.464	0	%100
24	M45	Z	-.803	-.803	0	%100
25	M46	X	-.363	-.363	0	%100
26	M46	Z	-.63	-.63	0	%100
27	M47	X	-.116	-.116	0	%100
28	M47	Z	-.201	-.201	0	%100
29	M48	X	-.091	-.091	0	%100
30	M48	Z	-.157	-.157	0	%100
31	M49	X	-.227	-.227	0	%100
32	M49	Z	-.393	-.393	0	%100
33	M50	X	0	0	0	%100
34	M50	Z	0	0	0	%100
35	M51	X	-.227	-.227	0	%100
36	M51	Z	-.393	-.393	0	%100
37	M58A	X	-.342	-.342	0	%100
38	M58A	Z	-.592	-.592	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	0	0	0	%100
41	M60A	X	-.342	-.342	0	%100
42	M60A	Z	-.592	-.592	0	%100
43	MP1A	X	-.302	-.302	0	%100
44	MP1A	Z	-.523	-.523	0	%100
45	MP2A	X	-.302	-.302	0	%100
46	MP2A	Z	-.523	-.523	0	%100
47	MP3A	X	-.302	-.302	0	%100
48	MP3A	Z	-.523	-.523	0	%100
49	M72	X	-.302	-.302	0	%100
50	M72	Z	-.523	-.523	0	%100
51	MP4A	X	-.302	-.302	0	%100
52	MP4A	Z	-.523	-.523	0	%100
53	MP5A	X	-.302	-.302	0	%100
54	MP5A	Z	-.523	-.523	0	%100
55	MP1C	X	-.302	-.302	0	%100
56	MP1C	Z	-.523	-.523	0	%100
57	MP2C	X	-.302	-.302	0	%100
58	MP2C	Z	-.523	-.523	0	%100
59	MP3C	X	-.302	-.302	0	%100
60	MP3C	Z	-.523	-.523	0	%100
61	M57A	X	-.302	-.302	0	%100
62	M57A	Z	-.523	-.523	0	%100
63	MP4C	X	-.302	-.302	0	%100
64	MP4C	Z	-.523	-.523	0	%100
65	MP5C	X	-.302	-.302	0	%100
66	MP5C	Z	-.523	-.523	0	%100
67	MP1B	X	-.302	-.302	0	%100
68	MP1B	Z	-.523	-.523	0	%100
69	MP2B	X	-.302	-.302	0	%100
70	MP2B	Z	-.523	-.523	0	%100
71	MP3B	X	-.302	-.302	0	%100
72	MP3B	Z	-.523	-.523	0	%100
73	M75A	X	-.302	-.302	0	%100
74	M75A	Z	-.523	-.523	0	%100
75	MP4B	X	-.302	-.302	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,%]
76	MP4B	Z	-.523	-.523	0	%100
77	MP5B	X	-.302	-.302	0	%100
78	MP5B	Z	-.523	-.523	0	%100
79	M82	X	-.275	-.275	0	%100
80	M82	Z	-.477	-.477	0	%100
81	M84	X	-.335	-.335	0	%100
82	M84	Z	-.58	-.58	0	%100
83	M85	X	-.53	-.53	0	%100
84	M85	Z	-.918	-.918	0	%100
85	M86	X	-.335	-.335	0	%100
86	M86	Z	-.58	-.58	0	%100
87	M87	X	-.495	-.495	0	%100
88	M87	Z	-.857	-.857	0	%100
89	M94	X	-.495	-.495	0	%100
90	M94	Z	-.857	-.857	0	%100
91	M95	X	-.547	-.547	0	%100
92	M95	Z	-.948	-.948	0	%100
93	M96	X	-.547	-.547	0	%100
94	M96	Z	-.948	-.948	0	%100
95	M97	X	-.495	-.495	0	%100
96	M97	Z	-.857	-.857	0	%100
97	M98	X	-.495	-.495	0	%100
98	M98	Z	-.857	-.857	0	%100

Member Area Loads

Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
No Data to Print ...						

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

	Member	Shape	Code Check	L...	LC	Shear C...	Loc...	...	...	phi*P...	phi*P...	phi*M...	phi*M...	...	Eqn
1	M34A	L3X3X4	.784	14	9	.442	7	y	7	3944....	46656	1.688	2.831	...	H2-1
2	M35A	L3X3X4	.796	0	1	.428	6.8...	y	3	3944....	46656	1.688	2.696	...	H2-1
3	M36A	L3X3X4	.793	0	9	.428	7	y	11	3944....	46656	1.688	2.711	...	H2-1
4	M37	L3X3X4	.323	7....	3	.019	3.6...	z	1	14845..	46656	1.688	3.647	...	H2-1
5	M38A	LL3x3x4...	.277	1....	4	.567	3.9...	z	8	76374..	93312	6.48	4.361	...	H1-1b
6	M39A	LL3x3x4...	.283	1....	1	.531	3.9...	z	10	76374..	93312	6.48	4.361	...	H1-1b
7	M40	LL3x3x4...	.289	1....	8	.531	3.9...	z	6	76374..	93312	6.48	4.361	...	H1-1b
8	M41	L3X3X4	.334	0	7	.019	3.6...	z	8	14845..	46656	1.688	3.348	...	H2-1
9	M42	L3X3X4	.330	0	3	.018	3.6...	z	5	14845..	46656	1.688	3.345	...	H2-1
10	M43	HSS4.5...	.098	1....	5	.027	1.9...	y	6	19127..	193752	25.081	25.081	...	H1-1b
11	M44	HSS4X4...	.319	1....	6	.125	1.0...	z	4	16894..	169740	19.285	19.285	...	H1-1b
12	M45	HSS4.5...	.100	1....	1	.027	1.9...	y	2	19127..	193752	25.081	25.081	...	H1-1b
13	M46	HSS4X4...	.316	1....	1	.115	1.0...	z	6	16894..	169740	19.285	19.285	...	H1-1b
14	M47	HSS4.5...	.101	1....	9	.026	0	z	2	19127..	193752	25.081	25.081	...	H1-1b
15	M48	HSS4X4...	.303	1....	9	.118	1.0...	z	2	16894..	169740	19.285	19.285	...	H1-1b
16	M49	PIPE_2.0	.420	5....	8	.176	10....		8	6130....	32130	1.872	1.872	...	H1-1b
17	M50	PIPE_2.0	.376	5....	4	.157	10....		4	6130....	32130	1.872	1.872	...	H1-1b
18	M51	PIPE_2.0	.387	5....	12	.161	10....		12	6130....	32130	1.872	1.872	...	H1-1b
19	M58A	L3X2X3	.659	0	11	.060	0	z	5	24103..	29710..	.641	1.877	...	H2-1
20	M59A	L3X2X3	.686	0	7	.062	0	z	1	24103..	29710..	.641	1.877	...	H2-1
21	M60A	L3X2X3	.637	0	3	.060	.042	z	8	24103..	29710..	.641	1.877	...	H2-1
22	MP1A	PIPE_2.0	.270	6....	6	.097	2.4...		7	12143..	32130	1.872	1.872	...	H1-1b
23	MP2A	PIPE_2.0	.355	6....	3	.156	2.4...		7	12143..	32130	1.872	1.872	...	H1-1b
24	MP3A	PIPE_2.0	.463	6....	9	.135	6.7...		5	17855..	32130	1.872	1.872	...	H1-1b

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

	Member	Shape	Code Check	L...	LC	Shear C...	Loc...	...	...	phi*P...	phi*P...	phi*M...	phi*M...	...	Eqn
25	M72	PIPE_2.0	.423	6....	5	.143	6.4...		7	17855...	32130	1.872	1.872	...	H1-1b
26	MP4A	PIPE_2.0	.339	6....	10	.202	6.1...		8	12143...	32130	1.872	1.872	...	H1-1b
27	MP5A	PIPE_2.0	.347	6....	8	.115	6.1...		8	12143...	32130	1.872	1.872	...	H1-1b
28	MP1C	PIPE_2.0	.273	6....	2	.093	2.4...		3	12143...	32130	1.872	1.872	...	H1-1b
29	MP2C	PIPE_2.0	.351	6....	12	.154	3.9...		2	12143...	32130	1.872	1.872	...	H1-1b
30	MP3C	PIPE_2.0	.465	6....	6	.148	6.49		1	17855...	32130	1.872	1.872	...	H1-1b
31	M57A	PIPE_2.0	.449	6....	1	.136	6.1...		3	17855...	32130	1.872	1.872	...	H1-1b
32	MP4C	PIPE_2.0	.349	6....	7	.185	6.1...		4	12143...	32130	1.872	1.872	...	H1-1b
33	MP5C	PIPE_2.0	.319	6....	4	.102	6.1...		4	12143...	32130	1.872	1.872	...	H1-1b
34	MP1B	PIPE_2.0	.268	6....	10	.094	2.4...		11	12143...	32130	1.872	1.872	...	H1-1b
35	MP2B	PIPE_2.0	.362	6....	8	.150	6.1...		11	12143...	32130	1.872	1.872	...	H1-1b
36	MP3B	PIPE_2.0	.478	6....	2	.144	6.5...		9	17855...	32130	1.872	1.872	...	H1-1b
37	M75A	PIPE_2.0	.444	6....	9	.136	6.4...		11	17855...	32130	1.872	1.872	...	H1-1b
38	MP4B	PIPE_2.0	.350	6....	2	.190	6.1...		12	12143...	32130	1.872	1.872	...	H1-1b
39	MP5B	PIPE_2.0	.324	6....	12	.107	6.1...		12	12143...	32130	1.872	1.872	...	H1-1b
40	M82	PIPE_2.0	.300	3....	6	.022	3.75		6	26521...	32130	1.872	1.872	...	H1-1b
41	M84	LL2.5x2....	.119	6....	13	.008	6.1...	z	10	35814...	58320	3.954	2.526	...	H1-1...
42	M85	LL2.5x2....	.119	6....	21	.008	6.1...	z	6	35814...	58320	3.954	2.526	...	H1-1...
43	M86	LL2.5x2....	.120	6....	17	.009	6.1...	z	2	35814...	58320	3.954	2.526	...	H1-1...
44	M87	L3X3X4	.061	2....	2	.039	0	y	7	31865...	46656	1.688	3.456	...	H2-1
45	M94	L3X3X4	.061	2....	12	.042	0	z	7	31865...	46656	1.688	3.456	...	H2-1
46	M95	L3X3X4	.060	2....	11	.036	4.1...	y	3	31865...	46656	1.688	3.456	...	H2-1
47	M96	L3X3X4	.064	2....	8	.040	4.1...	z	3	31865...	46656	1.688	3.456	...	H2-1
48	M97	L3X3X4	.061	2....	7	.037	0	y	11	31865...	46656	1.688	3.456	...	H2-1
49	M98	L3X3X4	.062	2....	4	.040	0	z	11	31865...	46656	1.688	3.456	...	H2-1

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N89	max	4960.914	10	1525.558	19	744.186	1	1.605	1	3.558	9	.314	5
2		min	-4971.649	4	-37.664	1	-842.196	7	-3.487	19	-3.584	3	-.278	11
3	N97	max	2420.252	12	1347.252	14	4375.2	1	1.618	15	3.779	7	2.855	14
4		min	-2534.985	6	-97.975	8	-4347.283	7	-.607	9	-3.766	1	-1.047	8
5	N101	max	2591.993	9	1325.216	22	4368.384	2	1.629	23	3.594	3	1.027	5
6		min	-2503.07	3	-80.61	4	-4310.334	8	-.585	5	-3.597	9	-2.796	23
7	N150A	max	121.448	10	2344.569	13	716.677	7	0	75	.236	4	.151	4
8		min	-120.541	4	-452.989	7	-3552.859	13	0	1	-.238	10	-.152	10
9	N152A	max	636.161	3	2354.836	21	1785.429	21	.129	12	.234	12	.075	6
10		min	-3090.227	21	-464.054	3	-366.021	3	-.13	6	-.235	6	-.075	12
11	N155A	max	3098.251	17	2359.798	17	1787.019	17	.138	2	.25	8	.08	2
12		min	-540.653	11	-394.604	11	-314.743	11	-.138	8	-.25	2	-.08	8
13	Totals:	max	6500.446	10	9850.131	13	6678.77	1						
14		min	-6500.442	4	2465.735	70	-6678.773	7						

VzW SMART Tool© Vendor

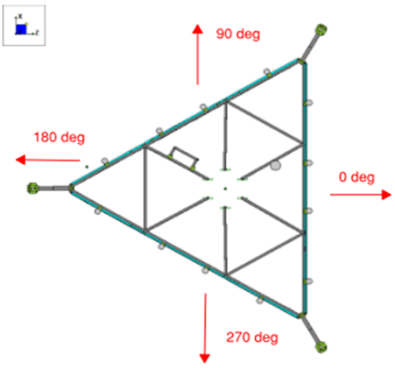
Client:	Verizon Wireless	Date:	7/5/2023
Site Name:	MANCHESTER CT		
MDG #:	5000381961		
Fuze ID #:	16997722	Page:	1

Version 1.01

I. Mount-to-Tower Connection Check

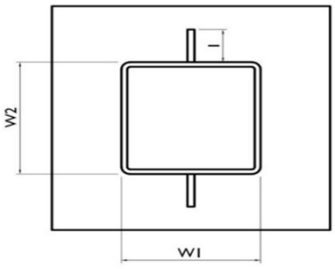
Custom Orientation Required	Yes

Nodes (labeled per Risa)	Orientation (per graphic of typical platform)
N89	0
N101	120
N97	240



Tower Connection Weld Checks	Yes

Weld Shape:	Rectangle
Weld Stiffener Configuration:	(1) Stiffener on top/bottom
Stiffener Notch Present?	No
Stiffener Length, l (in):	3.75
Stiffener Spacing/Width, s (in):	
Weld Size (1/16 in):	4
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	31.00
Z_x (in^3/in):	63.56
Z_y (in^3/in):	21.33
J_p (in^4/in):	328.15
c_x (in)	5.75
c_y (in)	5.75
Required combined strength (kip/in):	1.89
Weld Capacity (kip/in):	5.57
Weld Utilization:	**33.9%**



Date: **May 04, 2023**

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

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	5000381961
	Site Name:	MANCHESTER CT
Crown Castle Designation:	**BU Number:**	806372
	Site Name:	HRT 093 943228
	JDE Job Number:	746889
	Work Order Number:	2226234
	Order Number:	650396 Rev. 0
Engineering Firm Designation:	**Crown Castle Project Number:**	2226234
Site Data:	**266R Center Street, MANCHESTER, HARTFORD County, CT** **Latitude *41° 46' 19"*, Longitude *-72° 31' 48.8"*** **115 Foot - 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:

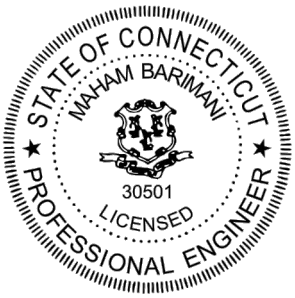
LC5: Proposed Equipment Configuration **Sufficient Capacity** - 58.4%

This analysis utilizes an ultimate 3-second gust wind speed of 118 mph as required by the 2022 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Dolly Hsu

Respectfully submitted by:

Maham Barimani, P.E.
Senior Project Engineer



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1) INTRODUCTION

This tower is a 115 ft Monopole tower designed by VALMONT.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	118 mph
Exposure Category:	B
Topographic Factor:	1
Ice Thickness:	1.5 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
117.0	120.0	3	commscope	LNX-6513DS-A1M w/ Mount Pipe	8	1-5/8
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		
	119.0	6	commscope	NNHH-65B-R4 w/ Mount Pipe		
	117.0	1	kaelus	BSF0020F3V1		
		1	raycap	RRFDC-3315-PF-48		
		1	rfs celwave	DB-T1-6Z-8AB-0Z		
		3	samsung telecommunications	RFV01U-D1A		
		3	samsung telecommunications	RFV01U-D2A		
		3	samsung telecommunications	RT4401-48A		
		1	tower mounts	Platform Mount [LP 1201-1_KCKR-HR-1]		

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)
105.0	107.0	2	andrew	VHLP1-23	5 5 5 2	1/4 5/16 1/2 Conduit
		1	andrew	VHLP2-23		
	105.0	1	tower mounts	Platform Mount [LP 602-1]		
94.0	95.0	3	fujitsu	TA08025-B604	1	1-1/2
		3	fujitsu	TA08025-B605		
		3	jma wireless	MX08FRO665-21 w/ Mount Pipe		
		1	raycap	RDIDC-9181-PF-48		
	94.0	1	tower mounts	Sabre_C10801018-32788		
85.0	85.0	4	tower mounts	Side Arm Mount [SO 701-1]	5	13/32

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		1	wade antenna	WH14-69/S		
	84.0	3	wade antenna	WL 14-69/S		
	78.0	1	wade antenna	J105-HI		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	262174	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	2668863	CCISITES
4-TOWER MANUFACTURER DRAWINGS	262172	CCISITES

3.1) Analysis Method

tnxTower (version 8.1.4.0), 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	115 - 72.3334	Pole	TP30.45x21.91x0.219	1	-13.43	1269.02	44.9	Pass
L2	72.3334 - 29.3334	Pole	TP38.61x29.0779x0.313	2	-20.45	2300.73	48.7	Pass
L3	29.3334 - 0	Pole	TP43.85x36.8508x0.375	3	-29.09	3224.57	47.8	Pass
							Summary	
						Pole (L2)	48.7	Pass
						Rating =	48.7	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC5

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	43.6	Pass
1	Base Plate	0	36.1	Pass
1	Base Foundation (Structure)	0	55.7	Pass
1	Base Foundation (Soil Interaction)	0	58.4	Pass

Structure Rating (max from all components) =	58.4%

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

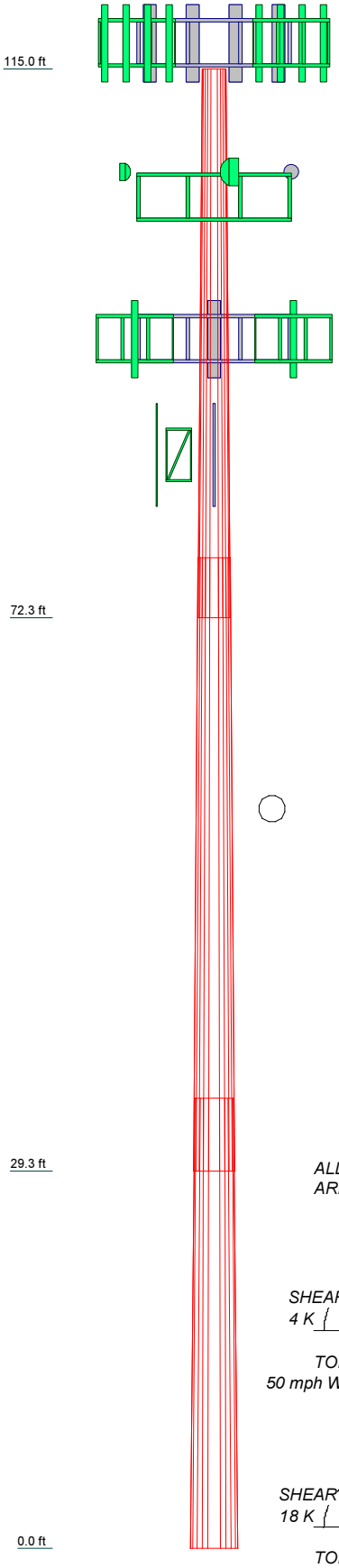
4.1) Recommendations

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

APPENDIX A

TNXTOWER OUTPUT

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	42.67	12	0.2190	4.67	21.9100	30.4500	A572-65	2.7
2	47.67	12	0.3130	5.67	29.0779	38.6100		5.5
3	35.00	12	0.3750		36.8508	43.8500		5.7
								13.9



MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Hartford County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 118 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 48.7%

ALL REACTIONS ARE FACTORED

AXIAL 51 K

SHEAR 4 K — *MOMENT 405 kip-ft*

TORQUE 1 kip-ft
50 mph WIND - 1.5000 in ICE

AXIAL 29 K

SHEAR 18 K — *MOMENT 1482 kip-ft*

TORQUE 2 kip-ft
REACTIONS - 118 mph WIND

CROWN CASTLE
The Pathway to Possible

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

Job: ***BU 806372***			
Project:			
Client: Crown Castle	Drawn by: Dolly Hsu		App'd:
Code: TIA-222-H	Date: 05/04/23		Scale: NTS
Path: C:\Users\dhsu\Documents\Weekend WIP\806372\WO 2226234 - SA\Prod\806372.eri			Dwg No. E-1

Tower Input Data

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

- Tower is located in Hartford County, Connecticut.
- Tower base elevation above sea level: 196.00 ft.
- Basic wind speed of 118 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 1.5000 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		Distribute Leg Loads As Uniform		Use ASCE 10 X-Brace Ly Rules
	Consider Moments - Horizontals		Assume Legs Pinned		Calculate Forces in Supporting Bracing Members
	Consider Moments - Diagonals	√	Assume Rigid Index Plate		Ignore Redundant Members in FEA
	Use Moment Magnification	√	Use Clear Spans For Wind Area		SR Leg Bolts Resist Compression
√	Use Code Stress Ratios		Use Clear Spans For KL/r		All Leg Panels Have Same Allowable
√	Use Code Safety Factors - Guys		Retension Guys To Initial Tension		Offset Girt At Foundation
	Escalate Ice	√	Bypass Mast Stability Checks	√	Consider Feed Line Torque
	Always Use Max Kz	√	Use Azimuth Dish Coefficients		Include Angle Block Shear Check
	Use Special Wind Profile	√	Project Wind Area of Appurt.		Use TIA-222-H Bracing Resist. Exemption
	Include Bolts In Member Capacity		Autocalc Torque Arm Areas		Use TIA-222-H Tension Splice Exemption
	Leg Bolts Are At Top Of Section		Add IBC .6D+W Combination		Poles
	Secondary Horizontal Braces Leg	√	Sort Capacity Reports By Component	√	Include Shear-Torsion Interaction
	Use Diamond Inner Bracing (4 Sided)		Triangulate Diamond Inner Bracing		Always Use Sub-Critical Flow
	SR Members Have Cut Ends		Treat Feed Line Bundles As Cylinder		Use Top Mounted Sockets
	SR Members Are Concentric		Ignore KL/ry For 60 Deg. Angle Legs		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 Sides*	*Top Diameter*	*Bottom Diameter*	*Wall Thickness*	*Bend Radius*	*Pole Grade*
	ft	*ft*	*ft*		*in*	*in*	*in*	*in*	
L1	115.00-72.33	42.67	4.6666	12	21.9100	30.4500	0.2190	0.8760	A572-65 (65 ksi)

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L2	72.33-29.33	47.67	5.6666	12	29.0779	38.6100	0.3130	1.2520	A572-65 (65 ksi)
L3	29.33-0.00	35.00		12	36.8508	43.8500	0.3750	1.5000	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	22.6056	15.2961	918.5962	7.7654	11.3494	80.9380	1861.3250	7.5283	5.2850	24.132
	31.4469	21.3183	2486.8150	10.8227	15.7731	157.6618	5038.9614	10.4922	7.5737	34.583
L2	30.9594	28.9910	3061.8013	10.2979	15.0624	203.2748	6204.0395	14.2685	6.9541	22.217
	39.8616	38.5980	7225.7083	13.7103	20.0000	361.2858	14641.2440	18.9968	9.5086	30.379
L3	39.1917	44.0446	7479.7774	13.0583	19.0887	391.8426	15156.0568	21.6774	8.8710	23.656
	45.2646	52.4961	12664.6112	15.5641	22.7143	557.5611	25661.9358	25.8370	10.7468	28.658

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 115.00-72.33				1	1	1			
L2 72.33-29.33				1	1	1			
L3 29.33-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
LDF7-50A(1-5/8) **85**	A	No	Surface Ar (CaAa)	115.00 - 0.00	1	1	-0.400 -0.400	1.9800		0.82
1110(13/32) ***	A	No	Surface Ar (CaAa)	85.00 - 0.00	5	5	0.000 0.080	0.4050		0.05
CU12PSM9P6XXX(1-1/2) ** ***	A	No	Surface Ar (CaAa)	94.00 - 0.00	1	1	-0.450 -0.450	1.6000		2.35

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
115 LDF7-50A(1-5/8)	C	No	No	Inside Pole	115.00 - 0.00	7	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.82 0.82 0.82

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
							2" Ice	0.00	0.82
105									
FSJ1-50A(1/4)	C	No	No	Inside Pole	105.00 - 0.00	5	No Ice	0.00	0.04
							1/2" Ice	0.00	0.04
							1" Ice	0.00	0.04
							2" Ice	0.00	0.04
FSJ4-50B(1/2)	C	No	No	Inside Pole	105.00 - 0.00	5	No Ice	0.00	0.14
							1/2" Ice	0.00	0.14
							1" Ice	0.00	0.14
							2" Ice	0.00	0.14
9207(5/16)	C	No	No	Inside Pole	105.00 - 0.00	5	No Ice	0.00	0.60
							1/2" Ice	0.00	0.60
							1" Ice	0.00	0.60
							2" Ice	0.00	0.60
2" Flexible Conduit	C	No	No	Inside Pole	105.00 - 0.00	2	No Ice	0.00	0.34
							1/2" Ice	0.00	0.34
							1" Ice	0.00	0.34
							2" Ice	0.00	0.34
**									
***									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	115.00-72.33	A	0.000	0.000	14.480	0.000	0.09
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.40
L2	72.33-29.33	A	0.000	0.000	24.102	0.000	0.15
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.44
L3	29.33-0.00	A	0.000	0.000	16.441	0.000	0.10
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.30

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	115.00-72.33	A	1.414	0.000	0.000	37.791	0.000	0.52
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.40
L2	72.33-29.33	A	1.331	0.000	0.000	65.799	0.000	0.84
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.44
L3	29.33-0.00	A	1.173	0.000	0.000	43.298	0.000	0.53
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.30

Feed Line Center of Pressure

Section	Elevation	CP_X	CP_Z	CP_X Ice	CP_Z Ice
	ft	in	in	in	in
L1	115.00-72.33	-1.8115	0.3420	-2.9302	0.4855
L2	72.33-29.33	-2.6540	0.0811	-4.2161	-0.0139
L3	29.33-0.00	-2.7108	0.0789	-4.3823	-0.0232

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L1	5	LDF7-50A(1-5/8)	72.33 - 115.00	1.0000	1.0000
L1	12	1110(13/32)	72.33 - 85.00	1.0000	1.0000
L1	14	CU12PSM9P6XXX(1-1/2)	72.33 - 94.00	1.0000	1.0000
L2	5	LDF7-50A(1-5/8)	29.33 - 72.33	1.0000	1.0000
L2	12	1110(13/32)	29.33 - 72.33	1.0000	1.0000
L2	14	CU12PSM9P6XXX(1-1/2)	29.33 - 72.33	1.0000	1.0000
L3	5	LDF7-50A(1-5/8)	0.00 - 29.33	1.0000	1.0000
L3	12	1110(13/32)	0.00 - 29.33	1.0000	1.0000
L3	14	CU12PSM9P6XXX(1-1/2)	0.00 - 29.33	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
** 117 **					
LNX-6513DS-A1M w/ Mount Pipe	A	From Leg	4.00 0.00 3.00	0.0000	117.00
LNX-6513DS-A1M w/ Mount Pipe	B	From Leg	4.00 0.00 3.00	0.0000	117.00
LNX-6513DS-A1M w/ Mount Pipe	C	From Leg	4.00 0.00 3.00	0.0000	117.00
(2) NNHH-65B-R4 w/ Mount Pipe	A	From Leg	4.00 0.00 2.00	0.0000	117.00
(2) NNHH-65B-R4 w/ Mount Pipe	B	From Leg	4.00 0.00 2.00	0.0000	117.00
(2) NNHH-65B-R4 w/ Mount Pipe	C	From Leg	4.00 0.00 2.00	0.0000	117.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
MT6407-77A w/ Mount Pipe	A	From Leg	4.00 0.00 3.00	0.0000	117.00
MT6407-77A w/ Mount Pipe	B	From Leg	4.00 0.00 3.00	0.0000	117.00
MT6407-77A w/ Mount Pipe	C	From Leg	4.00 0.00 3.00	0.0000	117.00
BSF0020F3V1	A	From Leg	4.00 0.00 0.00	0.0000	117.00
RT4401-48A	A	From Leg	4.00 0.00 0.00	0.0000	117.00
RT4401-48A	B	From Leg	4.00 0.00 0.00	0.0000	117.00
RT4401-48A	C	From Leg	4.00 0.00 0.00	0.0000	117.00
RRFDC-3315-PF-48	A	From Leg	4.00 0.00 0.00	0.0000	117.00
DB-T1-6Z-8AB-0Z	A	From Leg	4.00 0.00 0.00	0.0000	117.00
RFV01U-D1A	A	From Leg	4.00 0.00 0.00	0.0000	117.00
RFV01U-D1A	B	From Leg	4.00 0.00 0.00	0.0000	117.00
RFV01U-D1A	C	From Leg	4.00 0.00 0.00	0.0000	117.00
RFV01U-D2A	A	From Leg	4.00 0.00 0.00	0.0000	117.00
RFV01U-D2A	B	From Leg	4.00 0.00 0.00	0.0000	117.00
RFV01U-D2A	C	From Leg	4.00 0.00 0.00	0.0000	117.00
Platform Mount [LP 1201-1_KCKR-HR-1]	C	None		0.0000	117.00
(2) 3.5' Hor 2.5x2.5 Angle	A	From Leg	4.00 0.00 0.00	0.0000	117.00
(2) 3.5' Hor 2.5x2.5 Angle	B	From Leg	4.00 0.00 0.00	0.0000	117.00
(2) 3.5' Hor 2.5x2.5 Angle	C	From Leg	4.00 0.00 0.00	0.0000	117.00
6' x 2'' Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	117.00
6' x 2'' Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	117.00
6' x 2'' Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	117.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
Platform Mount [LP 602-1]	C	None		0.0000	105.00
(3) 6' x 2'' Mount Pipe	A	From Centroid-Leg	4.00 0.00 0.00	0.0000	105.00
(3) 6' x 2'' Mount Pipe	B	From Centroid-Leg	4.00 0.00 0.00	0.0000	105.00
(3) 6' x 2'' Mount Pipe	C	From Centroid-Leg	4.00 0.00 0.00	0.0000	105.00
** 94 **					
MX08FRO665-21 w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	94.00
MX08FRO665-21 w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.0000	94.00
MX08FRO665-21 w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	94.00
TA08025-B604	A	From Leg	4.00 0.00 1.00	0.0000	94.00
TA08025-B604	B	From Leg	4.00 0.00 1.00	0.0000	94.00
TA08025-B604	C	From Leg	4.00 0.00 1.00	0.0000	94.00
TA08025-B605	A	From Leg	4.00 0.00 1.00	0.0000	94.00
TA08025-B605	B	From Leg	4.00 0.00 1.00	0.0000	94.00
TA08025-B605	C	From Leg	4.00 0.00 1.00	0.0000	94.00
RDIDC-9181-PF-48	A	From Leg	4.00 0.00 1.00	0.0000	94.00
Sabre_C10801018-32788	C	None		0.0000	94.00
(2) 8' x 2'' Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	94.00
(2) 8' x 2'' Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	94.00
(2) 8' x 2'' Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	94.00
** 85 **					
WH14-69/S	C	From Leg	4.00 0.00 0.00	0.0000	85.00
WL 14-69/S	A	From Leg	4.00 0.00 -1.00	0.0000	85.00
WL 14-69/S	A	From Leg	4.00 0.00 -1.00	0.0000	85.00
WL 14-69/S	C	From Leg	4.00 0.00 -1.00	0.0000	85.00
J105-HI	C	From Leg	4.00	0.0000	85.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft
			0.00 -7.00		
(2) Side Arm Mount [SO 701-1]	A	From Leg	2.00 0.00	0.0000	85.00
			0.00		
(2) Side Arm Mount [SO 701-1]	C	From Leg	2.00 0.00	0.0000	85.00
			0.00		
8' x 2'' Mount Pipe	A	From Leg	4.00 0.00	0.0000	85.00
			0.00		
8' x 2'' Mount Pipe	C	From Leg	4.00 0.00	0.0000	85.00
			0.00		
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Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral ft / Vert ft	Azimuth Adjustment °	3 dB Beam Width °	Elevation ft	Outside Diameter ft
VHLP1-23	A	Paraboloid w/Shroud (HP)	From Centroid-Leg	4.00 6.00 2.00	57.0000		105.00	1.27
VHLP2-23	B	Paraboloid w/Shroud (HP)	From Centroid-Leg	4.00 6.00 2.00	90.0000		105.00	2.18
VHLP1-23	C	Paraboloid w/Shroud (HP)	From Centroid-Leg	4.00 6.00 2.00	-53.0000		105.00	1.27
***								

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice

Comb. No.	Description
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	115 - 72.3334	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-29.32	7.24	0.55
			Max. Mx	20	-13.43	332.82	-1.39
			Max. My	2	-13.43	-1.26	340.43
			Max. Vy	20	-12.00	332.82	-1.39
			Max. Vx	2	-11.98	-1.26	340.43
			Max. Torque	18			-2.31
L2	72.3334 - 29.3334	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-39.46	8.71	1.21
			Max. Mx	20	-20.45	903.53	-3.84
			Max. My	2	-20.45	-3.39	910.17
			Max. Vy	20	-15.12	903.53	-3.84
			Max. Vx	2	-15.09	-3.39	910.17
			Max. Torque	18			-2.31
L3	29.3334 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-50.84	9.77	1.79
			Max. Mx	20	-29.09	1476.38	-5.83
			Max. My	2	-29.09	-5.09	1482.10
			Max. Vy	20	-17.59	1476.38	-5.83
			Max. Vx	2	-17.57	-5.09	1482.10
			Max. Torque	18			-2.31

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	36	50.84	4.48	-0.02
	Max. H_x	20	29.10	17.58	-0.06
	Max. H_z	2	29.10	-0.05	17.56
	Max. M_x	2	1482.10	-0.05	17.56
	Max. M_z	8	1473.27	-17.58	0.08
	Max. Torsion	6	2.25	-15.23	8.83
	Min. Vert	11	21.83	-15.20	-8.76
	Min. H_x	8	29.10	-17.58	0.08
	Min. H_z	14	29.10	0.05	-17.52
	Min. M_x	14	-1475.20	0.05	-17.52
	Min. M_z	20	-1476.38	17.58	-0.06
	Min. Torsion	18	-2.31	15.21	-8.80

Tower Mast Reaction Summary

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Dead Only	24.25	0.00	0.00	-0.94	1.04	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	29.10	0.05	-17.56	-1482.10	-5.09	-1.05
0.9 Dead+1.0 Wind 0 deg - No Ice	21.83	0.05	-17.56	-1468.27	-5.36	-1.04
1.2 Dead+1.0 Wind 30 deg - No Ice	29.10	8.81	-15.21	-1284.55	-739.20	-1.98
0.9 Dead+1.0 Wind 30 deg - No Ice	21.83	8.81	-15.21	-1272.52	-732.80	-1.97
1.2 Dead+1.0 Wind 60 deg - No Ice	29.10	15.23	-8.83	-747.60	-1276.52	-2.25
0.9 Dead+1.0 Wind 60 deg - No Ice	21.83	15.23	-8.83	-740.47	-1265.25	-2.24
1.2 Dead+1.0 Wind 90 deg - No Ice	29.10	17.58	-0.08	-10.68	-1473.27	-1.75
0.9 Dead+1.0 Wind 90 deg - No Ice	21.83	17.58	-0.08	-10.27	-1460.22	-1.74
1.2 Dead+1.0 Wind 120 deg - No Ice	29.10	15.20	8.76	736.85	-1273.46	-0.96
0.9 Dead+1.0 Wind 120 deg - No Ice	21.83	15.20	8.76	730.42	-1262.22	-0.96
1.2 Dead+1.0 Wind 150 deg - No Ice	29.10	8.74	15.18	1278.47	-730.64	-0.01
0.9 Dead+1.0 Wind 150 deg - No Ice	21.83	8.74	15.18	1267.10	-724.33	-0.02
1.2 Dead+1.0 Wind 180 deg - No Ice	29.10	-0.05	17.52	1475.20	7.54	1.10
0.9 Dead+1.0 Wind 180 deg - No Ice	21.83	-0.05	17.52	1462.04	7.13	1.09
1.2 Dead+1.0 Wind 210 deg - No Ice	29.10	-8.80	15.18	1278.66	740.61	1.97
0.9 Dead+1.0 Wind 210 deg - No Ice	21.83	-8.80	15.18	1267.29	733.55	1.96
1.2 Dead+1.0 Wind 240 deg - No Ice	29.10	-15.21	8.80	741.98	1277.57	2.31
0.9 Dead+1.0 Wind 240 deg - No Ice	21.83	-15.21	8.80	735.50	1265.64	2.30
1.2 Dead+1.0 Wind 270 deg - No Ice	29.10	-17.58	0.06	5.83	1476.38	1.85
0.9 Dead+1.0 Wind 270 deg - No Ice	21.83	-17.58	0.06	6.06	1462.64	1.84
1.2 Dead+1.0 Wind 300 deg - No Ice	29.10	-15.22	-8.73	-736.36	1277.96	0.80

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
0.9 Dead+1.0 Wind 300 deg - No Ice	21.83	-15.22	-8.73	-729.35	1266.02	0.80
1.2 Dead+1.0 Wind 330 deg - No Ice	29.10	-8.71	-15.22	-1284.99	730.03	0.18
0.9 Dead+1.0 Wind 330 deg - No Ice	21.83	-8.71	-15.22	-1272.96	723.08	0.18
1.2 Dead+1.0 Ice+1.0 Temp	50.84	-0.00	-0.00	-1.79	9.77	-0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	50.84	0.02	-4.45	-396.70	7.59	-0.42
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	50.84	2.25	-3.86	-344.36	-189.25	-0.63
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	50.84	3.88	-2.25	-201.29	-333.12	-0.64
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	50.84	4.48	-0.03	-4.73	-385.56	-0.44
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	50.84	3.87	2.22	194.45	-331.72	-0.17
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	50.84	2.22	3.85	339.16	-186.00	0.13
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	50.84	-0.02	4.44	392.04	12.04	0.43
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	50.84	-2.25	3.86	339.94	208.63	0.62
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	50.84	-3.88	2.24	196.93	352.43	0.65
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	50.84	-4.48	0.02	0.59	405.36	0.46
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	50.84	-3.88	-2.21	-197.39	351.80	0.12
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	50.84	-2.22	-3.86	-343.76	204.89	-0.10
Dead+Wind 0 deg - Service	24.25	0.01	-4.28	-359.58	-0.47	-0.25
Dead+Wind 30 deg - Service	24.25	2.15	-3.70	-311.74	-178.23	-0.48
Dead+Wind 60 deg - Service	24.25	3.71	-2.15	-181.72	-308.35	-0.55
Dead+Wind 90 deg - Service	24.25	4.28	-0.02	-3.28	-355.99	-0.43
Dead+Wind 120 deg - Service	24.25	3.70	2.13	177.73	-307.61	-0.24
Dead+Wind 150 deg - Service	24.25	2.13	3.70	308.88	-176.16	-0.01
Dead+Wind 180 deg - Service	24.25	-0.01	4.27	356.52	2.59	0.27
Dead+Wind 210 deg - Service	24.25	-2.14	3.70	308.93	180.10	0.48
Dead+Wind 240 deg - Service	24.25	-3.70	2.14	178.97	310.13	0.56
Dead+Wind 270 deg - Service	24.25	-4.28	0.01	0.72	358.27	0.45
Dead+Wind 300 deg - Service	24.25	-3.71	-2.13	-179.00	310.22	0.19
Dead+Wind 330 deg - Service	24.25	-2.12	-3.71	-311.85	177.54	0.04

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX	PY	PZ	PX	PY	PZ	% Error
	K	K	K	K	K	K	
1	0.00	-24.25	0.00	0.00	24.25	0.00	0.000%
2	0.05	-29.10	-17.56	-0.05	29.10	17.56	0.000%
3	0.05	-21.83	-17.56	-0.05	21.83	17.56	0.000%
4	8.81	-29.10	-15.21	-8.81	29.10	15.21	0.000%
5	8.81	-21.83	-15.21	-8.81	21.83	15.21	0.000%
6	15.23	-29.10	-8.83	-15.23	29.10	8.83	0.000%
7	15.23	-21.83	-8.83	-15.23	21.83	8.83	0.000%
8	17.58	-29.10	-0.08	-17.58	29.10	0.08	0.000%
9	17.58	-21.83	-0.08	-17.58	21.83	0.08	0.000%

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
10	15.20	-29.10	8.76	-15.20	29.10	-8.76	0.000%
11	15.20	-21.83	8.76	-15.20	21.83	-8.76	0.000%
12	8.74	-29.10	15.18	-8.74	29.10	-15.18	0.000%
13	8.74	-21.83	15.18	-8.74	21.83	-15.18	0.000%
14	-0.05	-29.10	17.52	0.05	29.10	-17.52	0.000%
15	-0.05	-21.83	17.52	0.05	21.83	-17.52	0.000%
16	-8.80	-29.10	15.18	8.80	29.10	-15.18	0.000%
17	-8.80	-21.83	15.18	8.80	21.83	-15.18	0.000%
18	-15.21	-29.10	8.80	15.21	29.10	-8.80	0.000%
19	-15.21	-21.83	8.80	15.21	21.83	-8.80	0.000%
20	-17.58	-29.10	0.06	17.58	29.10	-0.06	0.000%
21	-17.58	-21.83	0.06	17.58	21.83	-0.06	0.000%
22	-15.22	-29.10	-8.73	15.22	29.10	8.73	0.000%
23	-15.22	-21.83	-8.73	15.22	21.83	8.73	0.000%
24	-8.71	-29.10	-15.22	8.71	29.10	15.22	0.000%
25	-8.71	-21.83	-15.22	8.71	21.83	15.22	0.000%
26	0.00	-50.84	0.00	0.00	50.84	0.00	0.000%
27	0.02	-50.84	-4.45	-0.02	50.84	4.45	0.000%
28	2.25	-50.84	-3.86	-2.25	50.84	3.86	0.000%
29	3.88	-50.84	-2.25	-3.88	50.84	2.25	0.000%
30	4.48	-50.84	-0.03	-4.48	50.84	0.03	0.000%
31	3.87	-50.84	2.22	-3.87	50.84	-2.22	0.000%
32	2.22	-50.84	3.85	-2.22	50.84	-3.85	0.000%
33	-0.02	-50.84	4.44	0.02	50.84	-4.44	0.000%
34	-2.25	-50.84	3.86	2.25	50.84	-3.86	0.000%
35	-3.88	-50.84	2.24	3.88	50.84	-2.24	0.000%
36	-4.48	-50.84	0.02	4.48	50.84	-0.02	0.000%
37	-3.87	-50.84	-2.21	3.88	50.84	2.21	0.000%
38	-2.22	-50.84	-3.86	2.22	50.84	3.86	0.000%
39	0.01	-24.25	-4.28	-0.01	24.25	4.28	0.000%
40	2.15	-24.25	-3.70	-2.15	24.25	3.70	0.000%
41	3.71	-24.25	-2.15	-3.71	24.25	2.15	0.000%
42	4.28	-24.25	-0.02	-4.28	24.25	0.02	0.000%
43	3.70	-24.25	2.13	-3.70	24.25	-2.13	0.000%
44	2.13	-24.25	3.70	-2.13	24.25	-3.70	0.000%
45	-0.01	-24.25	4.27	0.01	24.25	-4.27	0.000%
46	-2.14	-24.25	3.70	2.14	24.25	-3.70	0.000%
47	-3.70	-24.25	2.14	3.70	24.25	-2.14	0.000%
48	-4.28	-24.25	0.01	4.28	24.25	-0.01	0.000%
49	-3.71	-24.25	-2.13	3.71	24.25	2.13	0.000%
50	-2.12	-24.25	-3.71	2.12	24.25	3.71	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	4	0.00000001	0.00031573
3	Yes	4	0.00000001	0.00019896
4	Yes	5	0.00000001	0.00016989
5	Yes	5	0.00000001	0.00008060
6	Yes	5	0.00000001	0.00020322
7	Yes	5	0.00000001	0.00009735
8	Yes	4	0.00000001	0.00067797
9	Yes	4	0.00000001	0.00044575
10	Yes	5	0.00000001	0.00017093
11	Yes	5	0.00000001	0.00008143
12	Yes	5	0.00000001	0.00018004
13	Yes	5	0.00000001	0.00008603
14	Yes	4	0.00000001	0.00041475
15	Yes	4	0.00000001	0.00026675
16	Yes	5	0.00000001	0.00020025
17	Yes	5	0.00000001	0.00009592
18	Yes	5	0.00000001	0.00016656
19	Yes	5	0.00000001	0.00007907

20	Yes	4	0.00000001	0.00060968
21	Yes	4	0.00000001	0.00040093
22	Yes	5	0.00000001	0.00018711
23	Yes	5	0.00000001	0.00008927
24	Yes	5	0.00000001	0.00017835
25	Yes	5	0.00000001	0.00008480
26	Yes	4	0.00000001	0.00005795
27	Yes	5	0.00000001	0.00014486
28	Yes	5	0.00000001	0.00015357
29	Yes	5	0.00000001	0.00015399
30	Yes	5	0.00000001	0.00013747
31	Yes	5	0.00000001	0.00014915
32	Yes	5	0.00000001	0.00015024
33	Yes	5	0.00000001	0.00014264
34	Yes	5	0.00000001	0.00016235
35	Yes	5	0.00000001	0.00016151
36	Yes	5	0.00000001	0.00014877
37	Yes	5	0.00000001	0.00016265
38	Yes	5	0.00000001	0.00016187
39	Yes	4	0.00000001	0.00002567
40	Yes	4	0.00000001	0.00006214
41	Yes	4	0.00000001	0.00009751
42	Yes	4	0.00000001	0.00004118
43	Yes	4	0.00000001	0.00005990
44	Yes	4	0.00000001	0.00006725
45	Yes	4	0.00000001	0.00002755
46	Yes	4	0.00000001	0.00009308
47	Yes	4	0.00000001	0.00006424
48	Yes	4	0.00000001	0.00004207
49	Yes	4	0.00000001	0.00007698
50	Yes	4	0.00000001	0.00006580

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	115 - 72.3334	11.255	39	0.8612	0.0043
L2	77 - 29.3334	5.094	39	0.6276	0.0025
L3	35 - 0	1.043	39	0.2676	0.0007

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
117.00	LNX-6513DS-A1M w/ Mount Pipe	39	11.255	0.8612	0.0043	47571
107.00	VHLP1-23	39	9.865	0.8172	0.0039	29732
105.00	Platform Mount [LP 602-1]	39	9.521	0.8061	0.0038	23785
94.00	MX08FRO665-21 w/ Mount Pipe	39	7.673	0.7421	0.0033	11326
85.00	WH14-69/S	39	6.254	0.6845	0.0029	7928

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	115 - 72.3334	46.391	2	3.5464	0.0179
L2	77 - 29.3334	21.008	2	2.5885	0.0102

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L3	35 - 0	4.299	2	1.1035	0.0027

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
117.00	LNX-6513DS-A1M w/ Mount Pipe	2	46.391	3.5464	0.0179	11632
107.00	VHLP1-23	2	40.666	3.3666	0.0163	7269
105.00	Platform Mount [LP 602-1]	2	39.247	3.3210	0.0159	5815
94.00	MX08FRO665-21 w/ Mount Pipe	2	31.635	3.0588	0.0137	2768
85.00	WH14-69/S	2	25.788	2.8225	0.0119	1936

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	115 - 72.3334 (1)	TP30.45x21.91x0.219	42.67	0.00	0.0	20.6596	-13.43	1208.59	0.011
L2	72.3334 - 29.3334 (2)	TP38.61x29.0779x0.313	47.67	0.00	0.0	37.4559	-20.45	2191.17	0.009
L3	29.3334 - 0 (3)	TP43.85x36.8508x0.375	35.00	0.00	0.0	52.4961	-29.09	3071.02	0.009

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	115 - 72.3334 (1)	TP30.45x21.91x0.219	340.43	741.46	0.459	0.00	741.46	0.000
L2	72.3334 - 29.3334 (2)	TP38.61x29.0779x0.313	910.17	1815.79	0.501	0.00	1815.79	0.000
L3	29.3334 - 0 (3)	TP43.85x36.8508x0.375	1482.11	3010.72	0.492	0.00	3010.72	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	115 - 72.3334 (1)	TP30.45x21.91x0.219	11.98	362.58	0.033	1.06	934.38	0.001
L2	72.3334 - 29.3334 (2)	TP38.61x29.0779x0.313	15.09	657.35	0.023	1.05	2148.91	0.000
L3	29.3334 - 0	TP43.85x36.8508x0.375	17.57	921.31	0.019	1.05	3523.25	0.000

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
	(3)							

Pole Interaction Design Data

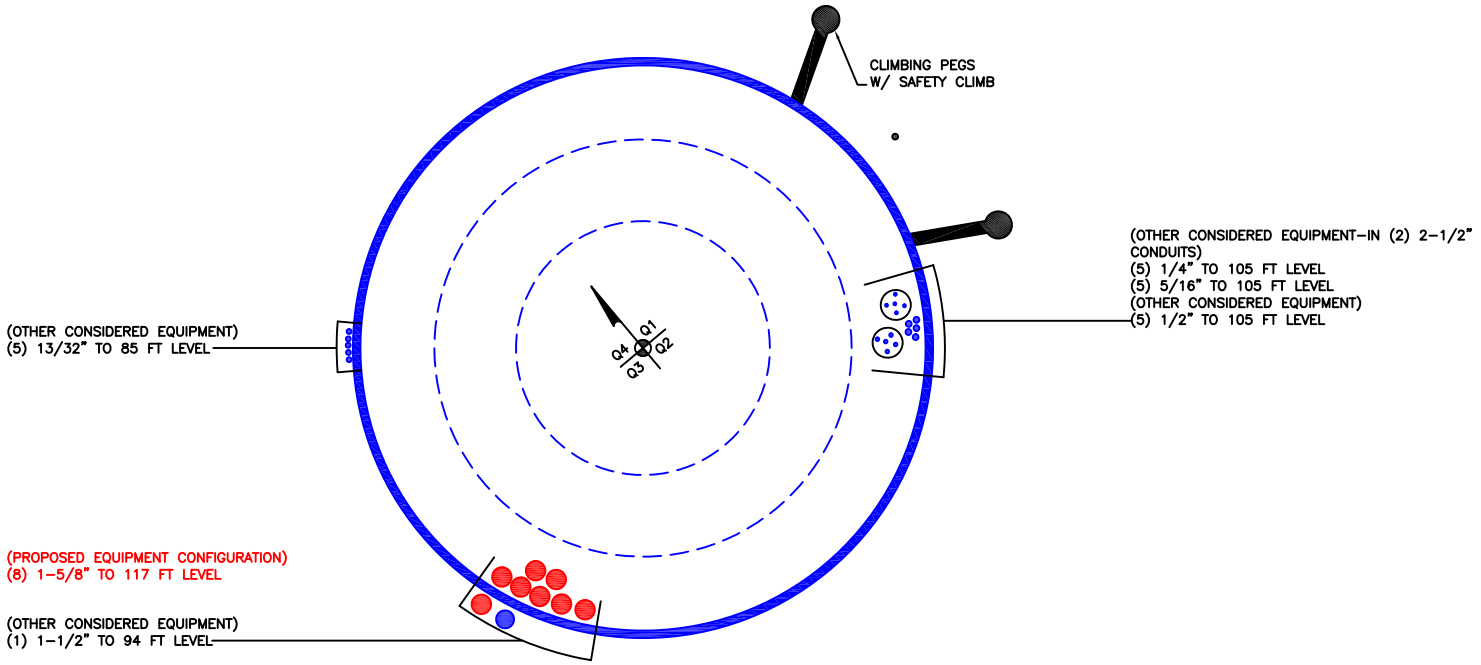
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	115 - 72.3334 (1)	0.011	0.459	0.000	0.033	0.001	0.471	1.050	4.8.2
L2	72.3334 - 29.3334 (2)	0.009	0.501	0.000	0.023	0.000	0.511	1.050	4.8.2
L3	29.3334 - 0 (3)	0.009	0.492	0.000	0.019	0.000	0.502	1.050	4.8.2

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	115 - 72.3334	Pole	TP30.45x21.91x0.219	1	-13.43	1269.02	44.9	Pass
L2	72.3334 - 29.3334	Pole	TP38.61x29.0779x0.313	2	-20.45	2300.73	48.7	Pass
L3	29.3334 - 0	Pole	TP43.85x36.8508x0.375	3	-29.09	3224.57	47.8	Pass
						Summary		
						Pole (L2)	48.7	Pass
						RATING =	**48.7**	**Pass**

APPENDIX B

BASE LEVEL DRAWING


CLIMBING PEGS
W/ SAFETY CLIMB
(OTHER CONSIDERED EQUIPMENT–IN (2) 2–1/2" CONDUITS)
(5) 1/4" TO 105 FT LEVEL
(5) 5/16" TO 105 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(5) 1/2" TO 105 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(5) 13/32" TO 85 FT LEVEL
Q1
Q2
Q3
Q4
(PROPOSED EQUIPMENT CONFIGURATION)
(8) 1–5/8" TO 117 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(1) 1–1/2" TO 94 FT LEVEL

APPENDIX C

ADDITIONAL CALCULATIONS

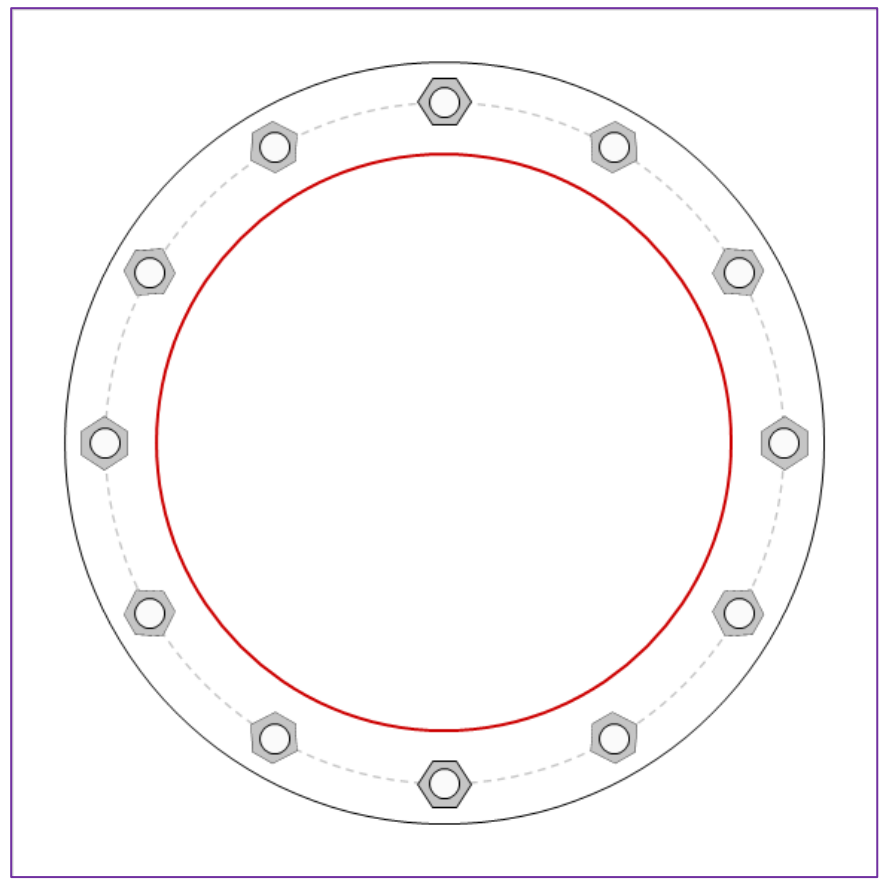
Monopole Base Plate Connection

Site Info	
BU #	806372
Site Name	HRT 093 943228
Order #	

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

Applied Loads	
Moment (kip-ft)	1482.11
Axial Force (kips)	29.09
Shear Force (kips)	17.57

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(12) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 51.9" BC

Base Plate Data

57.9" OD x 2.625" Plate (S-128; Fy=60 ksi, Fu=80 ksi)

Stiffener Data

N/A

Pole Data

43.85" x 0.375" 12-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

Pu_t = 111.72	ϕPn_t = 243.75	**Stress Rating**
Vu = 1.46	ϕVn = 149.1	**43.6%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	14.8	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**26.1%**	**Pass**

Drilled Pier Foundation

BU # :	806372
Site Name:	HRT 093 943228
Order Number:	
TIA-222 Revison:	H
Tower Type:	Monopole

Applied Loads	Comp.	Uplift
Moment (kip-ft)	1482.11	
Axial Force (kips)	29.1	
Shear Force (kips)	17.56	

Material Properties		
Concrete Strength, f'c:	3	ksi
Rebar Strength, Fy:	60	ksi
Tie Yield Strength, Fyt:	40	ksi

Pier Design Data		
Depth	21.1	ft
Ext. Above Grade	0.4	ft
Pier Section 1		
From 0.4' above grade to 21.1' below grade		
Pier Diameter	6	ft
Rebar Quantity	22	
Rebar Size	10	
Clear Cover to Ties	5	in
Tie Size	4	
Tie Spacing		in

Rebar & Pier Options
Embedded Pole Inputs
Belled Pier Inputs

Analysis Results		
Soil Lateral Check	*Compression*	*Uplift*
$D_{v=0}$ (ft from TOC)	6.77	-
Soil Safety Factor	2.17	-
Max Moment (kip-ft)	1623.57	-
Rating*	*58.4%*	-
Soil Vertical Check	*Compression*	*Uplift*
Skin Friction (kips)	226.42	-
End Bearing (kips)	1245.63	-
Weight of Concrete (kips)	109.42	-
Total Capacity (kips)	1472.05	-
Axial (kips)	138.52	-
Rating*	*9.0%*	-
Reinforced Concrete Flexure	*Compression*	*Uplift*
Critical Depth (ft from TOC)	6.61	-
Critical Moment (kip-ft)	1623.38	-
Critical Moment Capacity	3645.64	-
Rating*	*42.4%*	-
Reinforced Concrete Shear	*Compression*	*Uplift*
Critical Depth (ft from TOC)	16.01	-
Critical Shear (kip)	252.23	-
Critical Shear Capacity	430.98	-
Rating*	*55.7%*	-

Structural Foundation Rating*	**55.7%**
Soil Interaction Rating*	**58.4%**

*Rating per TIA-222-H Section 15.5

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

Go to Soil Calculations

Soil Profile

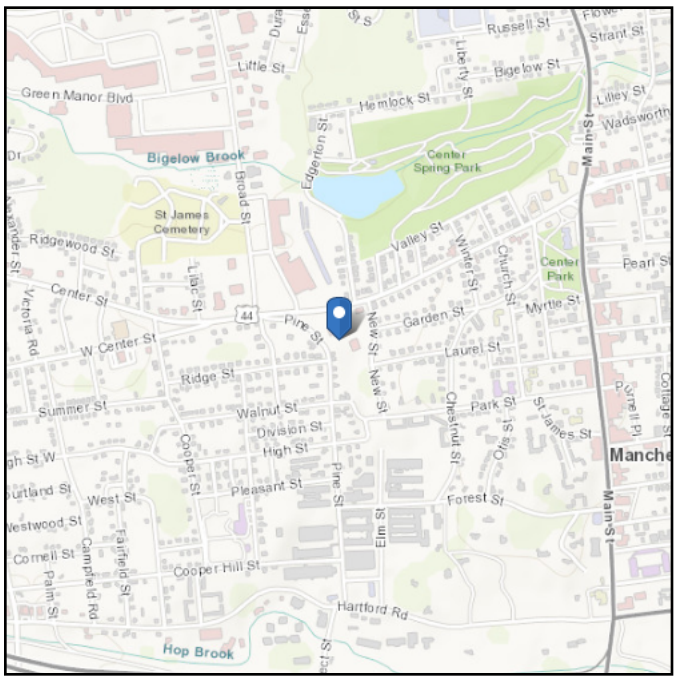
Groundwater Depth	N/A	# of Layers	4

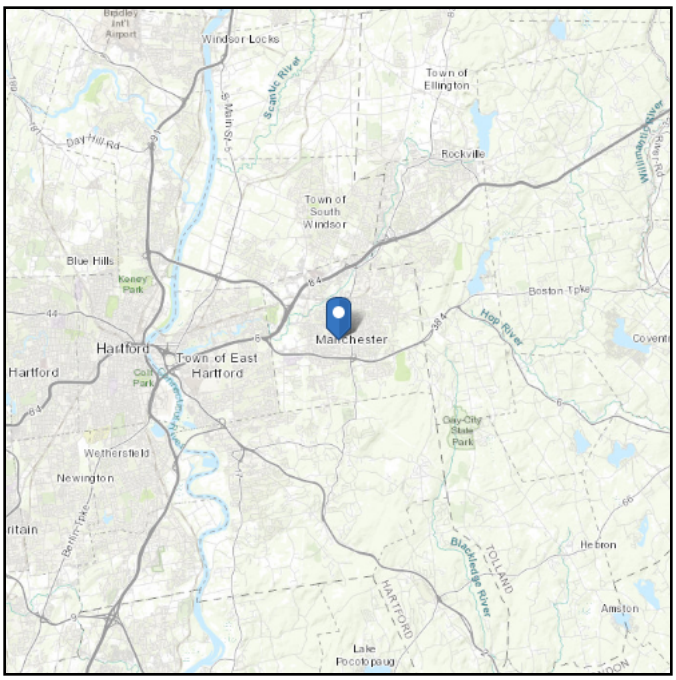
Layer	Top (ft)	Bottom (ft)	Thickness (ft)	γ_{soil} (pcf)	$\gamma_{concrete}$ (pcf)	Cohesion (ksf)	Angle of Friction (degrees)	Calculated Ultimate Skin Friction Comp (ksf)	Calculated Ultimate Skin Friction Uplift (ksf)	Ultimate Skin Friction Comp Override (ksf)	Ultimate Skin Friction Uplift Override (ksf)	Ult. Gross Bearing Capacity (ksf)	SPT Blow Count	Soil Type
1	0	5	5	90	150	0	0	0.000	0.000	0.00	0.00			Cohesionless
2	5	14	9	90	150		30	0.618	0.618				10	Cohesionless
3	14	18	4	90	150		39	1.382	1.382				43	Cohesionless
4	18	21.1	3.1	90	150		30	1.589	1.589			58.74	16	Cohesionless

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-16	**Latitude:**	41.771944
Risk Category:	II	**Longitude:**	-72.530222
Soil Class:	D - Default (see Section 11.4.3)	**Elevation:**	195.92798915027288 ft (NAVD 88)





Wind

Results:

Wind Speed	118 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	90 Vmph
100-year MRI	98 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:	Thu May 04 2023

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

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

Seismic

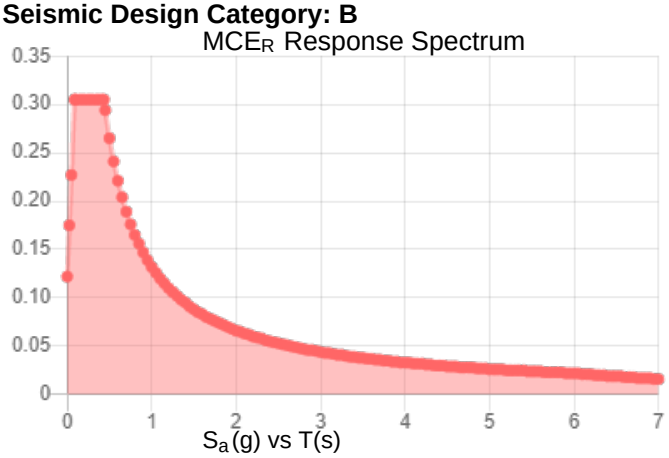
D - Default (see Section 11.4.3)

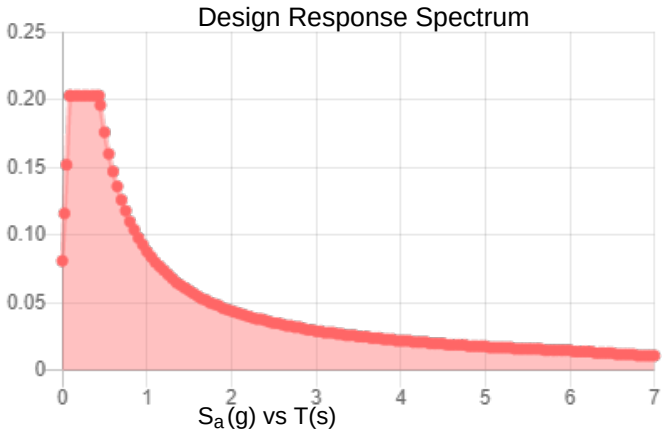
Site Soil Class:

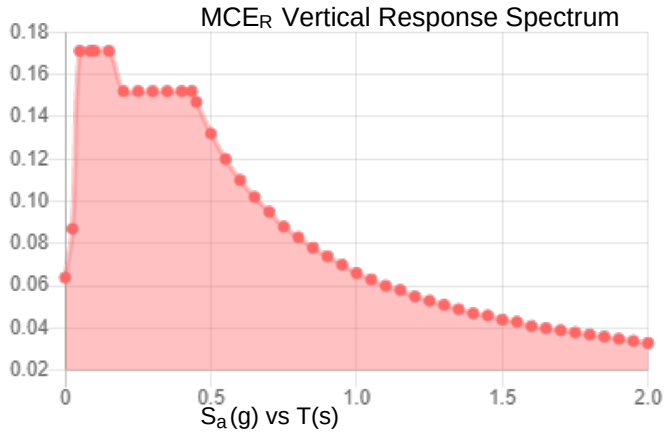
Results:

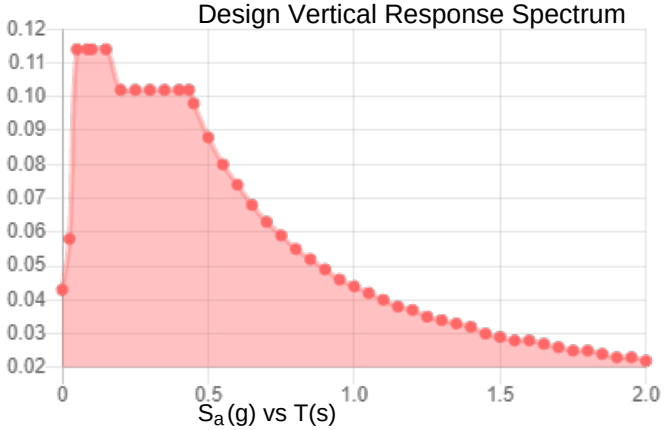
S_S :	0.191	S_{D1} :	0.088
S_1 :	0.055	T_L :	6
F_a :	1.6	PGA :	0.103
F_v :	2.4	PGA_M :	0.164
S_{MS} :	0.305	F_{PGA} :	1.594
S_{M1} :	0.132	I_e :	1
S_{DS} :	0.203	C_v :	0.7

Seismic Design Category: B









Data Accessed: **Thu May 04 2023**

Date Source:

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

Ice

Results:

Ice Thickness:	1.50 in.
Concurrent Temperature:	5 F
Gust Speed	50 mph
Data Source:	Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8
Date Accessed:	Thu May 04 2023

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

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