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

August 8, 2023

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

RE: **Notice of Exempt Modification for Verizon**
Crown #873645_Crown_VZW
691 Oxford Road, Oxford, CT 06478
Latitude: 41.447083 / Longitude: -73.152308

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 691 Oxford Road, Oxford, CT 06478. The property is owned by Don & Dave Farm Realty LLC and the tower is owned by Crown Castle. Verizon now intends to add three (3) interference mitigation filters to be installed at the 147-foot level of the tower of the 150-foot tower. 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:
(3) Kaelus BSF0020F3V1-1 Twin Bandstop 900MHZ Interference Mitigation Filters

The facility was approved by the Town of Oxford, CT Planning & Zoning Commission on July 5, 2001. 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 First Selectman George R. Temple and Steven Macary, Zoning Enforcement Official for the municipality. A copy is also being sent to Don & Dave Farm Realty LLC as the property owner and Crown Castle is 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:

First Selectman George R. Temple
Town of Oxford
486 Oxford Road
Oxford, CT 06478
203-888-2543

Steven Macary, Zoning Enforcement Official
Town of Oxford
486 Oxford Road
Oxford, CT 06478
203-828-6503

Don & Dave Farm Realty LLC, Property Owner
691 Oxford Road
Oxford, CT 06478
203-888-3171

Crown Castle, Tower Owner

From: TrackingUpdates@fedex.com
To: Tatasciore, Domenica
Subject: FedEx Shipment 772913212930: Your package has been delivered
Date: Tuesday, August 8, 2023 10:01:29 AM

Hi. Your package was delivered Tue, 08/08/2023 at 9:53am.

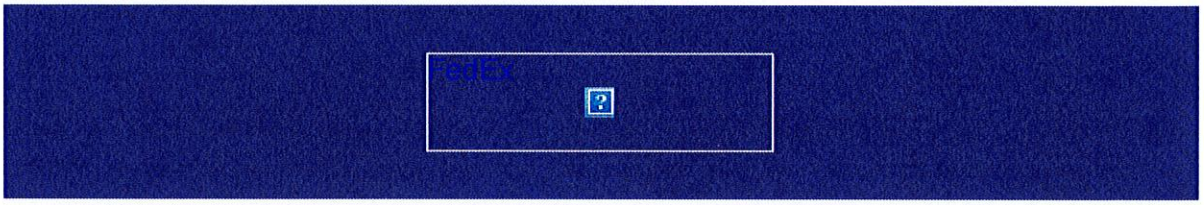
Delivered to 486 OXFORD RD, OXFORD, CT 06478
Received by A.KELLY

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	772913212930
FROM	Crown Castle 1800 West Park Drive Suite 200 WESTBOROUGH, MA, US, 01581
TO	Town of Oxford First Selectman George R. Temple 486 Oxford Road OXFORD, CT, US, 06478
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Mon 8/07/2023 05:18 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	OXFORD, CT, US, 06478
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 772913232585: Your package has been delivered
Date: Tuesday, August 8, 2023 10:01:54 AM



Hi. Your package was delivered Tue, 08/08/2023 at 9:53am.

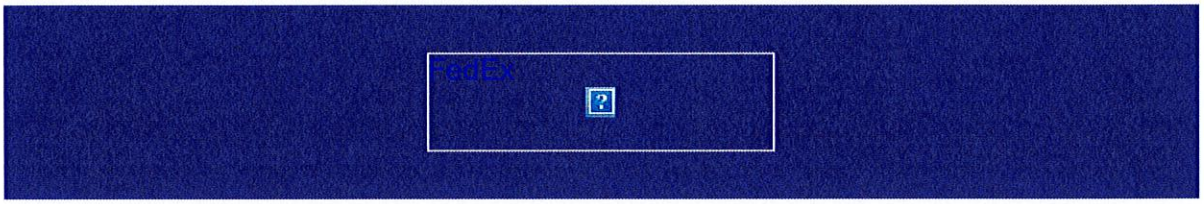
Delivered to 486 OXFORD RD, OXFORD, CT 06478
Received by A.KELLY

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	772913232585
FROM	Crown Castle 1800 West Park Drive Suite 200 WESTBOROUGH, MA, US, 01581
TO	Town of Oxford Steven Macary, Zoning Enforcement 486 Oxford Road OXFORD, CT, US, 06478
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Mon 8/07/2023 05:18 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	OXFORD, CT, US, 06478
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 772913250003: Your package has been delivered
Date: Tuesday, August 8, 2023 10:57:31 AM



Hi. Your package was delivered Tue, 08/08/2023 at 10:50am.

Delivered to 691 OXFORD RD, OXFORD, CT 06478
Received by D.RICH

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	772913250003
FROM	Crown Castle 1800 West Park Drive Suite 200 WESTBOROUGH, MA, US, 01581
TO	Don & Dave Farm Realty LLC 691 Oxford Road OXFORD, CT, US, 06478
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Mon 8/07/2023 05:18 PM
DELIVERED TO	Residence
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	OXFORD, CT, US, 06478
SPECIAL HANDLING	Residential Delivery
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Priority Overnight

Wondering when a package will arrive?

Enter your tracking number to see your estimated delivery time within a 4-hour window.

the fact that Don Smith designed this 7-lot subdivision for the Town and is now reviewing his own work. The remaining six lots will need to be reviewed. It was recommended that a letter be sent to the Inland Wetlands Commission and Selectmen regarding this matter.

MOTION was made by Edwin Hellauer and seconded by Ray Reynolds approve Z-01-053 Ziat, LLC, 315 Riggs Street (Industrial Site Plan) based on map dated 1/18/01 and last revised 5/18/01 and with the following conditions:

1) Applicant and their assigns must comply with all representations made at P&Z Commission meetings or at public hearings regrading this application.
2) Prior to installation, lighting should be submitted to the ZEO for approval.
3) Vehicle directional signs stating entrance and exit are to be clearly marked and with no advertisement.
4) Compliance with Fire Marshal's letter dated 5/14/01.
5) Compliance with Oxford Driveway Ordinance as of this date.
6) Compliance with Oxford Zoning Regulations as of this date.
7) No work to begin until security is set by P&Z Engineer in a form acceptable to P&Z Counsel.
8) No material will be substituted without approval from the P&Z Commission and P&Z Engineer.
9) Landscaping plan and architectural rendering must be as presented on site plan. Any variations must be approved by the P&Z Commission.
10) Per Article 3, Section 19.1 of the Zoning Regulations, the applicant shall be responsible for rendering payment to any outside experts the Commission assigns to review this application.
11) Approval is conditioned on Inland Wetlands approval.

Reason for approval is that with the Inland Wetlands permit, this application would meet the Oxford Zoning Regulations as of this date. Alternate Scott Mackler abstained. All were in favor.

4) Z-01-066 Lars Realty/Cocchiola Paving, Inc., Roosevelt Drive. Secretary Edwin Hellauer read a letter dated 7/3/01 from Attorney Robert Uskevich in which he requests that this application be tabled until the 7/19/01 regular meeting. A letter will be sent suggesting that the applicant request an extension because after submittal of outstanding documents, this Commission will need time to have the documents reviewed by staff.

MOTION was made by Dave Robinson and seconded by Ray Reynolds to table Z-01-066 Lars Realty/Cocchiola Paving, Inc., Roosevelt Drive until the 7/19/01 regular meeting per the written request dated 7/3/01. Alternate John Barnes abstained. All were in favor.

5) Z-01-099 Integrated Wireless Services/Rich, 691 Oxford Road (S/E - Wireless Communications Facility). Chairman Robinson explained that the applicant was before the Commission earlier this evening during the public hearing. Contracted P&Z Planner Brian Miller has reviewed this application. An application was previously taken out for antennas on the existing silo at the same location. Alternate John Barnes recused himself at this point.

MOTION was made by Vincent Vizzo and seconded by Ray Reynolds to grant the waiver to the Zoning Regulations for the size of the six (6) equipment shelters for Z-01-099 Integrated Wireless Services/Rich, 691 Oxford Road. The equipment shelter for the applicant's equipment shelter will be 240 square feet in size and 10 feet in height. The maximum square footage for the remaining five (5) equipment shelters is hereby waived but is not to exceed 240 square feet and 10 feet in height. All were in favor.

MOTION was made by Dave Robinson and seconded by Edwin Hellauer to approve Z-01-099 Integrated Wireless Services/Rich, 691 Oxford Road (S/E - Wireless Telecommunications Facility) with the waiver for size of the six (6) equipment shelters based on Sheets T-1 dated 12/12/00 and last revised 5/16/01 and Sheets C-1 thru C-9 dated 12/12/00 and last revised 5/16/01 and conditioned upon compliance with Brian Miller's letter dated 6/12/01. Any representations made by the applicant or their assigns during the public hearing are to be made part of this approval.

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

1 CENTRAL PARK PLAZA • NEW BRITAIN, CONN. 06051

PHONE: 827-2604

Petition No. 141
Department of Environmental Protection
Field Review of September 25, 1985

Robert Erling of the Siting Council met John Spellacy of the Department of Environmental Protection (DEP) for a field review of Petition No. 141. The DEP is petitioning the Council that no certificate of environmental compatibility and public need is necessary for the establishment of eight microwave sites in the towns of Oxford, Cornwall, Hartford, Sterling, Ledyard, and Colchester, Connecticut. Other state agencies presenting this petition include the Department of Public Safety's Division of State Police, and Office of Civil Preparedness, and the Department of Health Services' Office of Emergency Medical Services. These state agencies, with DEP, seek to implement the Connecticut Nuclear Emergency Communication System. This system, as required by the Federal Emergency Management Administration (FEMA) would provide the state agencies listed above with the capability of managing a radiological emergency which could result from a failure at either the Millstone or Haddam Neck nuclear power generating plants. The proposed system would allow the four state agencies to maintain direct radio communications with the nuclear plants at Millstone and Haddam Neck and with their respective headquarters in Hartford, as well as to maintain radio communications with their own field units.

Staff visited the eight proposed microwave sites with Mr. Spellacy. He explained that each of the proposed microwave sites would use an existing state-owned antenna or facility, and that no new tower construction would be necessary.

At the proposed Colchester site, a 4' parabolic dish would be added at the 98' level of a 100' self-supporting tower adjacent to the Troop K Headquarters of the Connecticut State Police.

In Sterling, DEP proposes to utilize the existing 70' Ekonk Hill Fire Tower. The cab section would be replaced with a new 10' section, and two 8' dishes would be added at the 65' level of the tower.

In Ledyard, a State Police owned 180' self-supporting tower on Vinegar Hill would be utilized. Two 8' and one 4' microwave dish would be added at the 176' and 90' levels respectively. There is a 6' cable television microwave dish at the 110' level of this tower.

Hartford would be the site of three microwave facilities. One 4' dish would be added to the elevator penthouse of the State Police Headquarters at 100 Washington Street. There is presently a 60' tower at this location. Four antennas, measuring 6', 4', 6' and 4' would be added to the roof top

elevator penthouses of the State Office Building. There is an existing DEP antenna located on one of these penthouses. Two of these dishes would face west, one would face east, and one would face south. One 4' dish would be added to the roof top at the east wing of the State Armory Building. The Armory has five existing antennas on its roof.

In Cornwall, the existing 180' self-supporting Regional Emergency Medical Services tower on Mohawk Mountain would have two 8' dishes added, one at the 75' level, and one at the 105' level. There is a 6' dish, currently unused, at the 172' level of this tower.

A converted fire tower in Oxford would be modified by removing its cab section and replacing it with a tower section 10' in height. This reconfiguration would result in a self-supporting tower 84' in height. An 8' dish would be added at the 80' level of this tower. One whip antenna would also be added to this tower for low band frequencies.

In a telephone conversation with the Director of DEP's Planning and Development Bureau, Richard D. Couch, Staff confirmed that the proposed system would cost $1,200,000.and would have been a valuable asset during the recent hurricane. The proposed system would also provide microwave channels for a consortium of police departments in the Hartford area.

No expansion of the sites themselves would be necessary, nor would new access roads be needed. The addition of the proposed microwave facilities would not increase the total radio frequency electromagnetic radiation power densities at the proposed facility site boundaries to or above .1 milliwatt/Cm^2.

Robert K. Erling
Siting Analyst

RKE/cp

691 OXFORD RD

Location	691 OXFORD RD	**Mblu**	19/ 58/ 3/ /
Acct#	S0317900	**Owner**	DON & DAVE FARM REALTY LLC
Assessment	$582,000	**Appraisal**	$1,314,500
PID	3474	**Building Count**	2

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$443,900	$870,600	$1,314,500

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$310,800	$271,200	$582,000

Owner of Record

Owner	DON & DAVE FARM REALTY LLC	**Sale Price**	$0
Co-Owner		**Book & Page**	332/ 764
Address	691 OXFORD RD OXFORD, CT 06478	**Sale Date**	11/07/2007
		Instrument	01

Ownership History

Ownership History				
Owner	**Sale Price**	**Book & Page**	**Instrument**	**Sale Date**
DON & DAVE FARM REALTY LLC	$0	332/ 764	01	11/07/2007
RICH DAVID G & DONALD J	$0	109/ 893		01/01/1901

Building Information

Building 1 : Section 1

Year Built:	2000
Living Area:	2,262
Replacement Cost:	$197,075
Building Percent Good:	87
Replacement Cost Less Depreciation:	$171,500

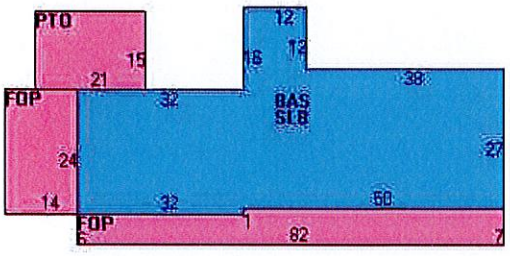
Building Attributes	
Field	**Description**

STYLE	Store
MODEL	Comm/Ind
Grade	Below Average
Stories:	1
Occupancy	1
Exterior Wall 1	Board & Batten
Exterior Wall 2	
Roof Structure	Gable
Roof Cover	Achitectual
Interior Wall 1	Knotty Pine
Interior Wall 2	
Interior Floor 1	Vinyl/Asphalt
Interior Floor 2	Concr-Finished
Heating Fuel	PROPANE
Heating Type	Forced Air-Duc
AC Type	Central
Bldg Use	Commercial
Total Rooms	
Total Bedrms	
Total Baths	
1st Floor Use:	
Heat/AC	HEAT/AC PKGS
Frame Type	WOOD FRAME
Baths/Plumbing	AVERAGE
Ceiling/Wall	CEIL & MIN WL
Rooms/Prtns	AVERAGE
Wall Height	8
% Comn Wall	

Building Photo

(https://images.vgsi.com/photos/OxfordCTPhotos/\00\00\95/29.jpg)

Building Layout



(https://images.vgsi.com/photos/OxfordCTPhotos//Sketches/3474_3474.jp

Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	2,262	2,262
FOP	Open Porch	878	0
PTO	Patio	315	0
SLB	Slab	2,262	0
		5,717	2,262

Building 2 : Section 1

Year Built: 1800
Living Area: 1,933
Replacement Cost: $204,205
Building Percent Good: 68
Replacement Cost Less Depreciation: $138,900

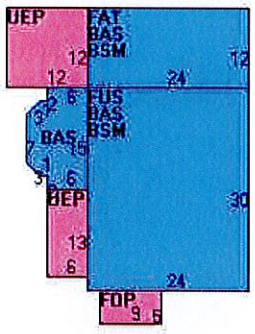
Building Attributes : Bldg 2 of 2	
Field	Description
Style	Colonial
Model	Residential
Grade:	C+

Stories	2
Occupancy	1
Exterior Wall 1	Vinyl Siding
Exterior Wall 2	
Roof Structure	Gable
Roof Cover	Metal
Interior Wall 1	Plaster
Interior Wall 2	
Interior Flr 1	Pine/Soft Wood
Interior Flr 2	
Heat Fuel	Oil
Heat Type:	Hot Water
AC Type:	None
Total Bedrooms:	2 Bedrooms
Full Bthrms:	2
Half Baths:	0
Extra Fixtures	
Total Rooms:	7
Bath Style:	Average
Kitchen Style:	Average
Extra Kitchens	
Fireplace(s)	
Extra Opening(s)	
Gas Fireplace(s)	
Blocked FPL(s)	
Woodstove(s)	
Bsmt Garage(s)	
SF Fin Bsmt	
FBM Quality	
Dormer LF	
Int Millwork	Plain
Ext Millwork	Plain
Foundation	Stone/Brick

Building Photo

(https://images.vgsi.com/photos/OxfordCTPhotos/\00\00\95/30.jpg)

Building Layout



(https://images.vgsi.com/photos/OxfordCTPhotos//Sketches/3474_20174.j

Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	1,127	1,127
FUS	Finished Upper Story	720	720
FAT	Finished Attic	288	86
BSM	Basement	1,008	0
FOP	Open Porch	45	0
UEP	Unfin. Enclosed Porch	222	0
		3,410	1,933

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Use Code 201

Land Line Valuation

Size (Acres) 67.58

Description	Commercial	**Frontage**	
Zone	OPD	**Depth**	
Neighborhood	C05	**Assessed Value**	$271,200
Alt Land Appr	No	**Appraised Value**	$870,600
Category			

Outbuildings

Outbuildings						Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
BRN1	1 Story Barn			2108 S.F.	$29,500	2
CAB	Cabin			192 S.F.	$2,900	1
BRN5	2S Barn			2924 S.F.	$40,900	2
SLO	Silo			2 UNITS	$5,000	1
LNT	Lean To			128 S.F.	$300	1
SHD1	Shed	FR	Frame	286 S.F.	$2,000	2
PAV1	Paving	AS	Asphalt	5200 S.F.	$2,300	1
SHD1	Shed	FR	Frame	480 S.F.	$3,400	2
LNT	Lean To			1500 S.F.	$2,300	2
PTO	Patio	BR	Brick	2825 S.F.	$8,500	1
CUB	Commercial Mtl Bldg			2000 S.F.	$18,000	2
SHD1	Shed	FR	Frame	480 S.F.	$500	1
FGR1	Garage	FR	Frame	1224 S.F.	$17,700	2
LNT	Lean To			154 S.F.	$200	1

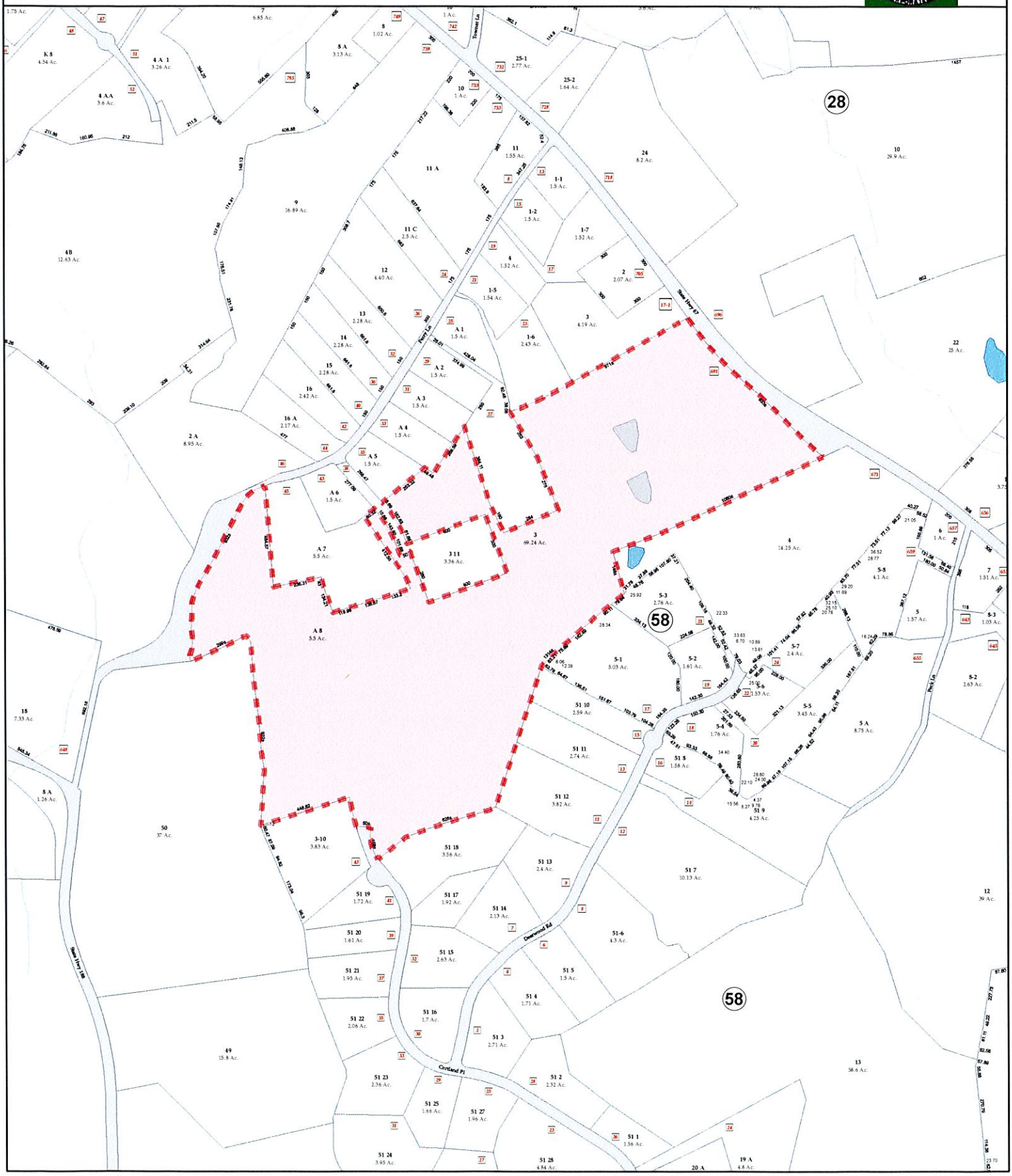
Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$443,900	$870,600	$1,314,500
2021	$443,900	$857,000	$1,300,900
2019	$373,700	$955,800	$1,329,500

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$310,800	$271,200	$582,000
2021	$310,800	$272,400	$583,200
2019	$261,700	$237,900	$499,600

Town of Oxford, Connecticut - Assessment Parcel Map

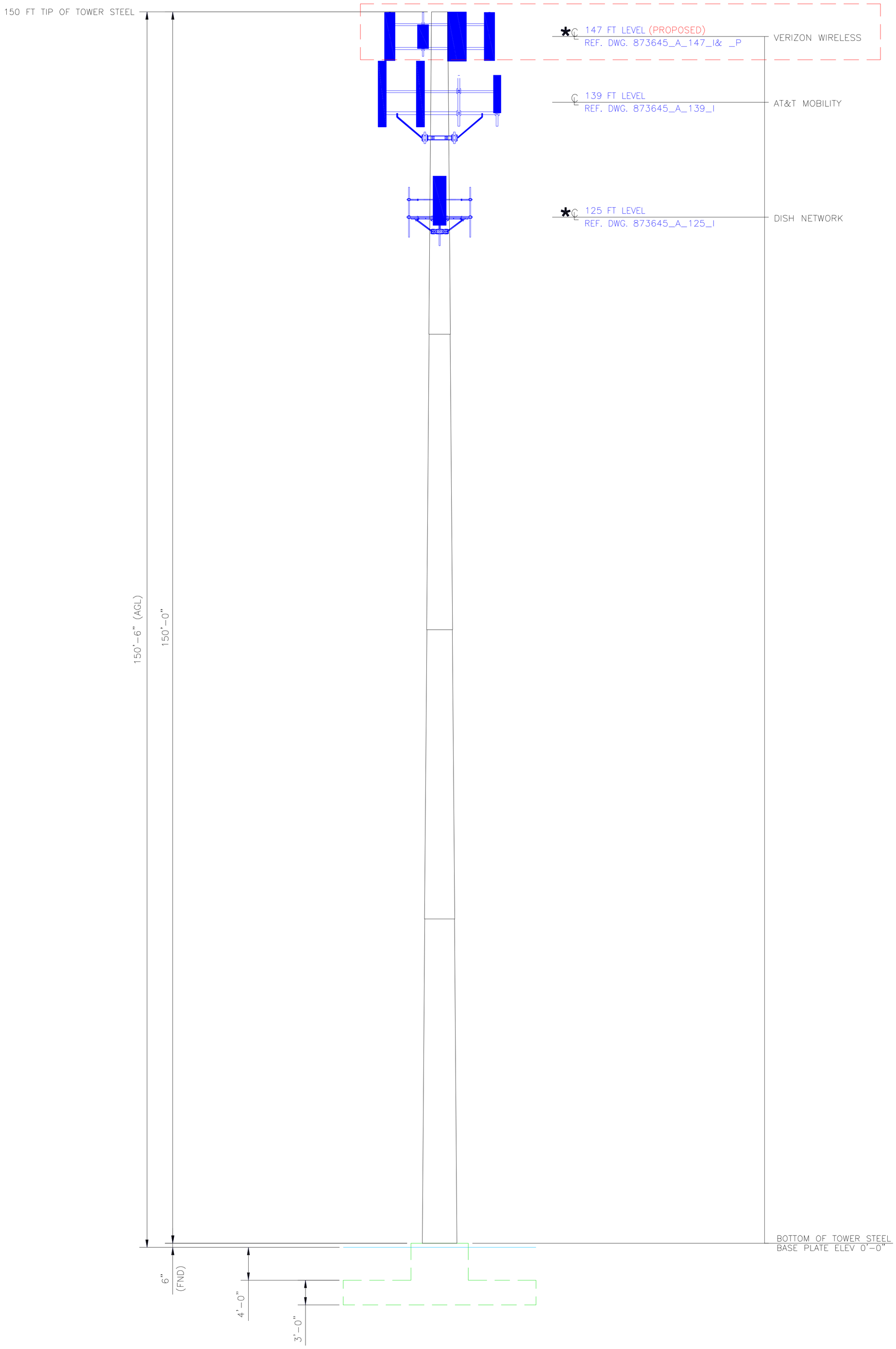
Parcel: 19-58-3 **Location:** 691 OXFORD RD



Approximate Scale: 1 inch = 600 feet

0 310 620 930 1,240 Feet

Map Produced: March 2023


150 FT TIP OF TOWER STEEL
147 FT LEVEL (PROPOSED)
REF. DWG. 873645_A_147_I& _P
VERIZON WIRELESS
139 FT LEVEL
REF. DWG. 873645_A_139_I
AT&T MOBILITY
125 FT LEVEL
REF. DWG. 873645_A_125_I
DISH NETWORK
150'-6" (AGL)
150'-0"
BOTTOM OF TOWER STEEL
BASE PLATE ELEV 0'-0"
6" (FND)
4'-0"
3'-0"

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.

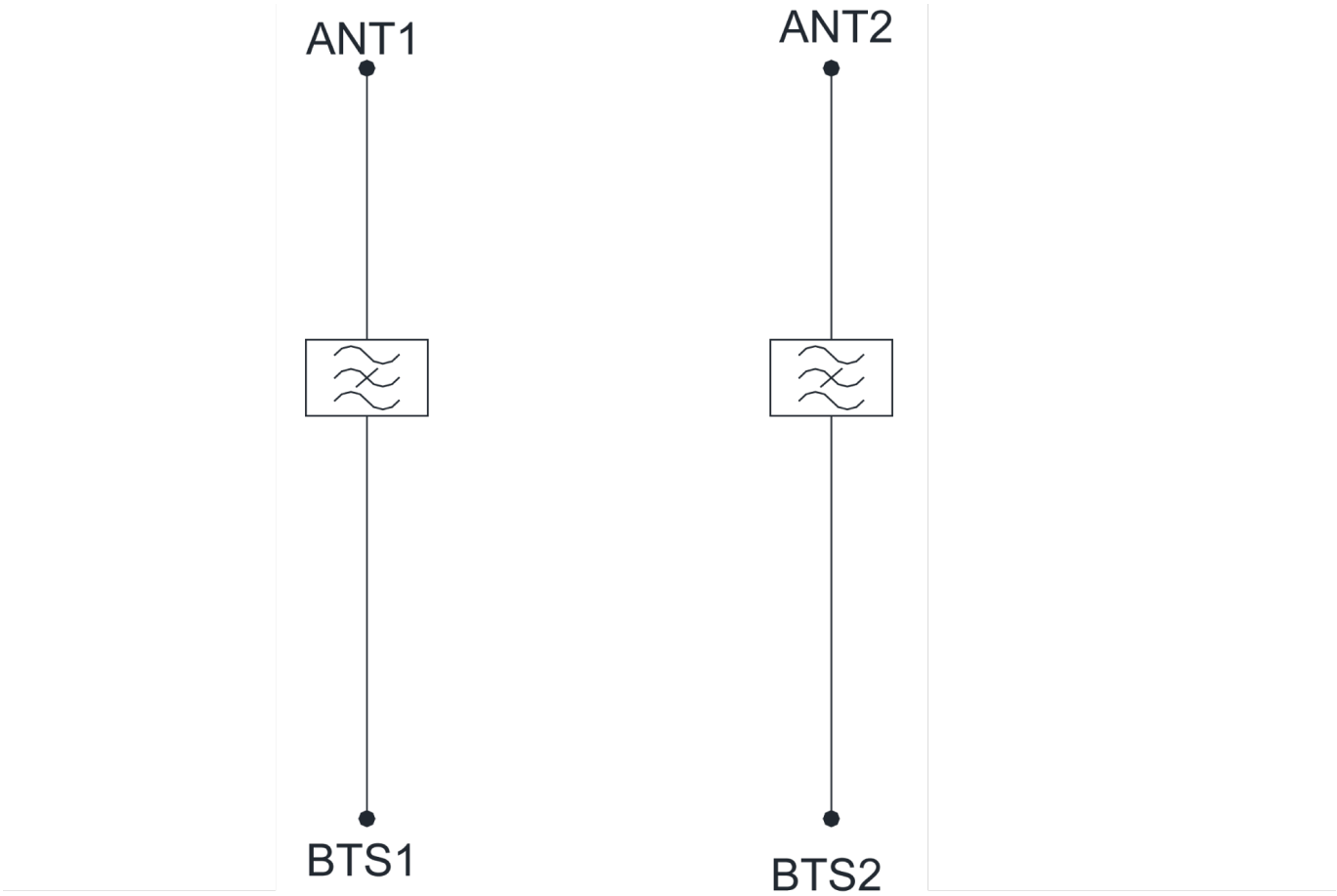
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

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)

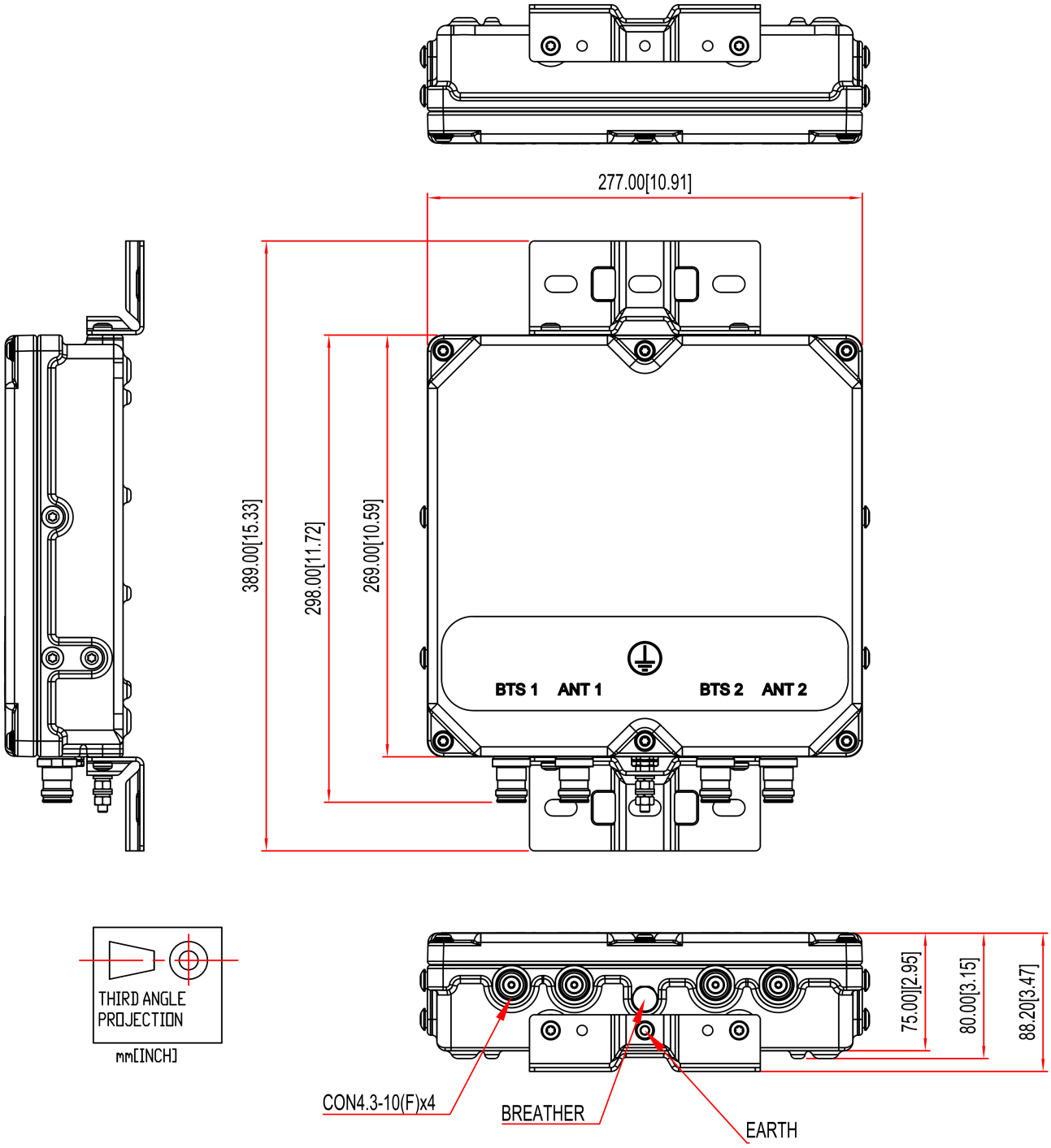
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

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, PC
1055 Washington Boulevard
Stamford, CT 06901
203.324.0800
peter.albano@collierseng.com

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10206424
Colliers Engineering & Design CT, PC Project #: 23777071 (Rev. 1)

July 10, 2023

Site Information	*Site ID:*	*5000385034-VZW / OXFORD NORTH CT*
	Site Name:	*OXFORD NORTH CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*691 Oxford Road* *Oxford, Connecticut 06478* *New Haven County*
	Latitude:	*41.447086°*
	Longitude:	*-73.152308°*
Structure Information	*Tower Type:*	*150-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 17124003

Analysis Results

Platform: **67.9% 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: Frank Centone

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: 675007* *Dated February 24, 2021*
Previous Mount Analysis	*Maser Consulting Connecticut Project #: 21777125A* *Dated May 7, 2021*
Post Modification Inspection	*Maser Consulting Connecticut Project #: 21777125A* *Dated June 27, 2022*
Mount Mapping Report	*Hudson Design Group, LLC Site ID: 468396* *Dated March 23, 2021*
Filter Add Scope	*Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (DSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.976
Seismic Parameters:	S_S:	0.199 g
	S_1:	0.054 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Load, Lv:	250 lbs.
	Maintenance Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
145.50	147.00	6	KAelus	BSF0020F3V1-1	Added
		3	Samsung	MT6407-77A	Retained
		3	Commscope	CBC78T-DS-43	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		6	Commscope	JAHH-65B-R3B	
		6	Antel	LPA-80063/6CF	
		1	Raycap	RHSDC-6627-PF-48	

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

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

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	*22.1*	*Pass*
Standoff Horizontal	*50.7*	*Pass*
Corner Plate	*23.6*	*Pass*
Platform Crossmember	*24.8*	*Pass*
Grating Support	*21.5*	*Pass*
Mount Pipe	*67.9*	*Pass*
Cross Arm Plate	*28.9*	*Pass*
Support Rail	*37.7*	*Pass*
Conner Angle	*37.9*	*Pass*
Mount Connection	*59.3*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**67.9%**

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	22.3	22.3	36.2	36.2
0.5	29.7	29.7	49.4	49.4
1	36.1	36.1	61.7	61.7

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

Requirements:

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

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

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

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MDG #: 5000385034 SMART Project #: 10206424 Fuze Project ID: 17124003

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: 5000385034-VZW - OXFORD NORTH CT

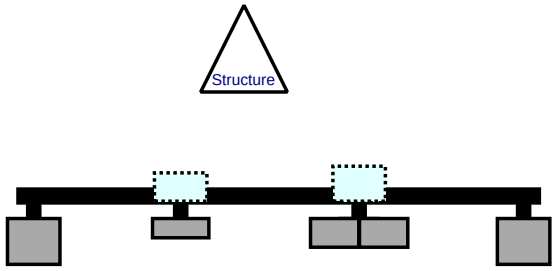
Sector: **A** 7/10/2023

Structure Type: Monopole 10206424

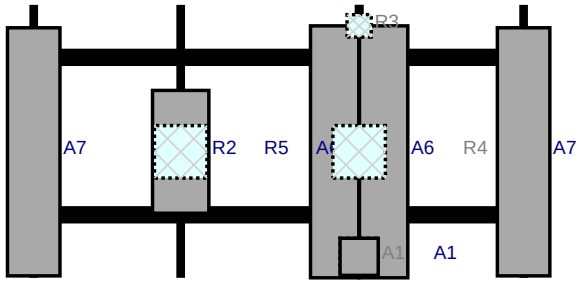
Mount Elev: 145.50 Page: 1

Colliers Engineering & Design

Plan View



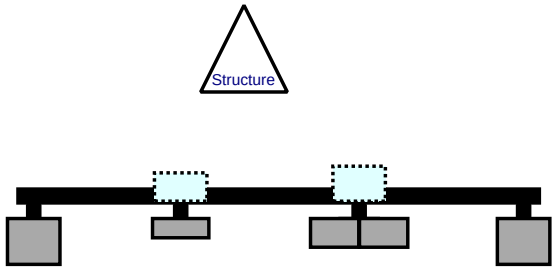
Front View - Looking at Structure



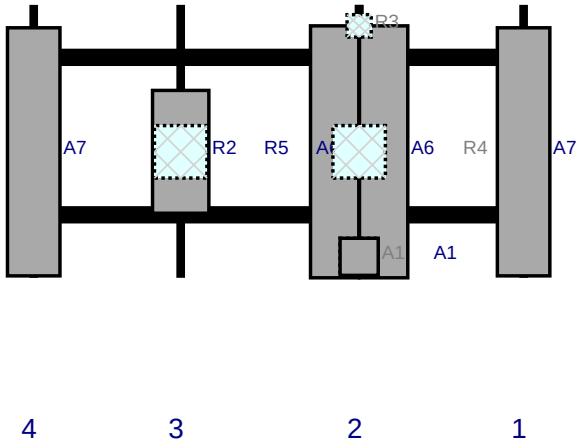
4 3 2 1

Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A7	LPA-80063/6CF	70.9	15	145	1	a	Front	42	0	Retained	06/20/2022
A6	JAHH-65B-R3B	72	13.8	98	2	a	Front	42	7	Retained	06/20/2022
A6	JAHH-65B-R3B	72	13.8	98	2	b	Front	42	-7	Retained	06/20/2022
A1	BSF0020F3V1-1	10.6	10.9	98	2	a	Behind	72	0	Added	
A1	BSF0020F3V1-1	10.6	10.9	98	2	b	Front	72	0	Added	
R3	CBC78T-DS-43	6.4	6.9	98	2	a	Behind	6	0	Retained	06/20/2022
R4	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	98	2	a	Behind	42	0	Retained	06/20/2022
R2	MT6407-77A	35.1	16.1	47	3	a	Front	42	0	Retained	06/20/2022
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	47	3	a	Behind	42	0	Retained	06/20/2022
A7	LPA-80063/6CF	70.9	15	5	4	a	Front	42	0	Retained	06/20/2022

Plan View



Front View - Looking at Structure



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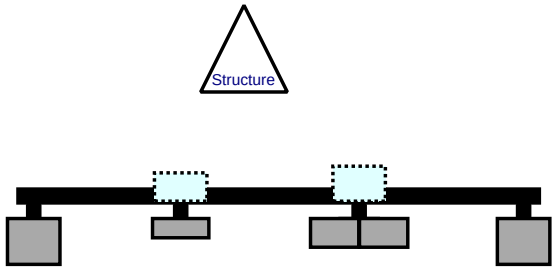
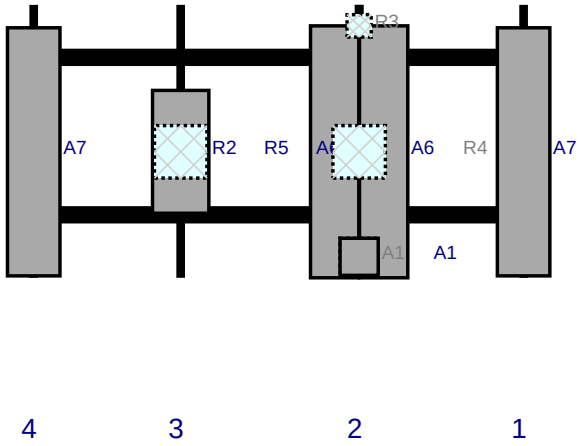
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	47	3	a	Behind	42	0	Retained	06/20/2022
A7	LPA-80063/6CF	70.9	15	5	4	a	Front	42	0	Retained	06/20/2022

Plan View



Front View - Looking at Structure



4 3 2 1

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R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	47	3	a	Behind	42	0	Retained	06/20/2022
A7	LPA-80063/6CF	70.9	15	5	4	a	Front	42	0	Retained	06/20/2022

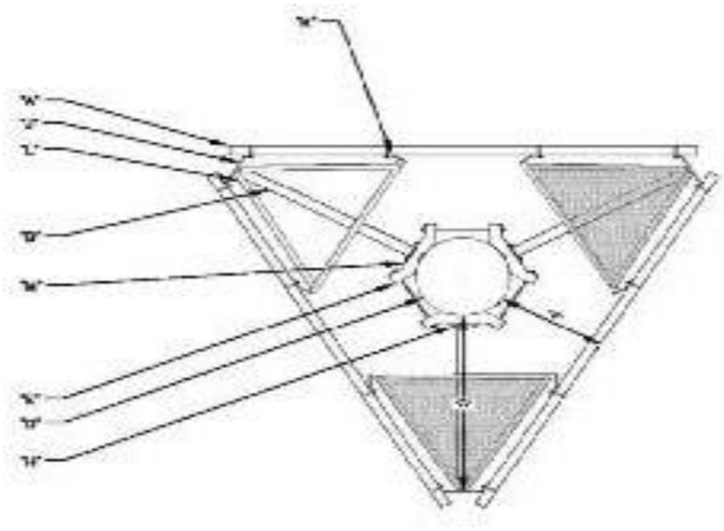

Jun 20, 2022 at 2:53:15 PM
691 Oxford Rd
Oxford CT 06478
United States

V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

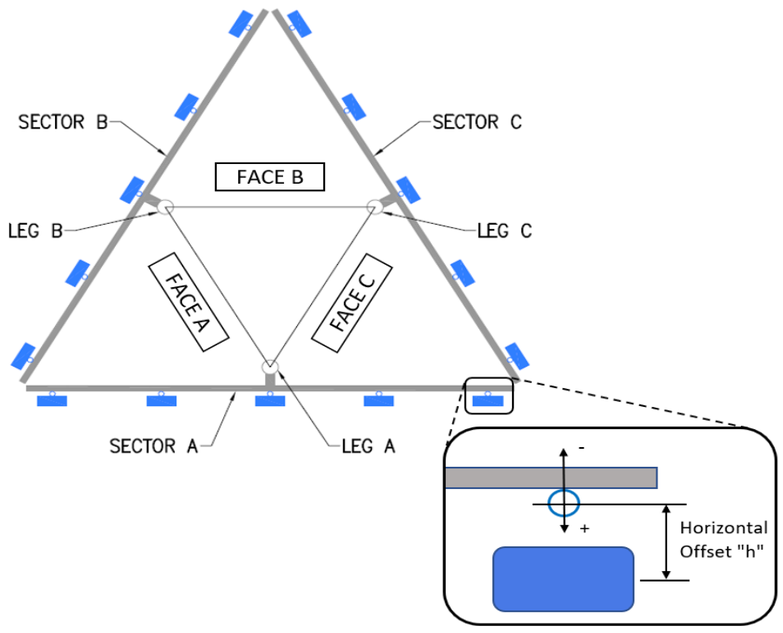
FCC #
1235976

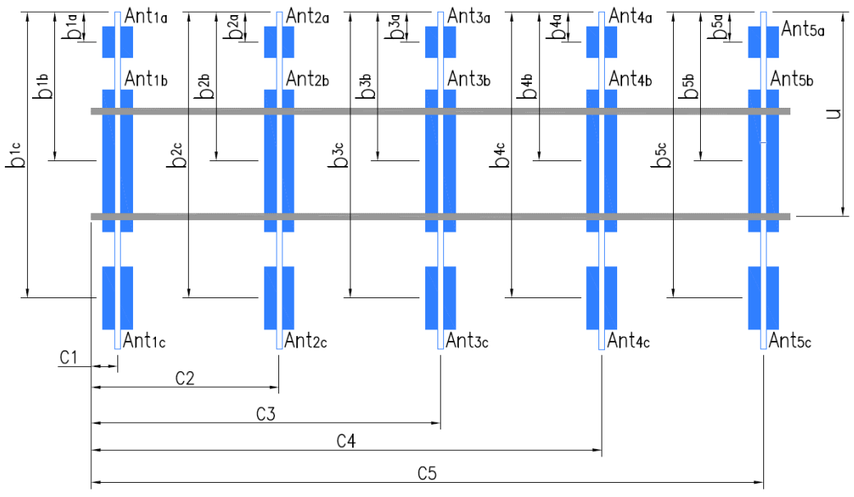
Tower Owner:	CROWN CASTLE	**Mapping Date:**	3/23/2021
Site Name:	OXFORD NORTH CT	**Tower Type:**	Monopole
Site Number or ID:	468396	**Tower Height (Ft.):**	150
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	146.25



Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2" STD. PIPE X 78" LONG	54.00	5.00	C1	2" STD. PIPE X 78" LONG	54.00	5.00
A2	2" STD. PIPE X 78" LONG	54.00	52.00	C2	2" STD. PIPE X 78" LONG	54.00	52.00
A3	2" STD. PIPE X 78" LONG	54.00	121.00	C3	2" STD. PIPE X 78" LONG	54.00	121.00
A4	2" STD. PIPE X 78" LONG	54.00	145.00	C4	2" STD. PIPE X 78" LONG	54.00	145.00
A5				C5			
A6				C6			
B1	2" STD. PIPE X 78" LONG	54.00	5.00	D1			
B2	2" STD. PIPE X 78" LONG	54.00	52.00	D2			
B3	2" STD. PIPE X 78" LONG	54.00	121.00	D3			
B4	2" STD. PIPE X 78" LONG	54.00	145.00	D4			
B5				D5			
B6				D6			
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							5.83
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.):			23



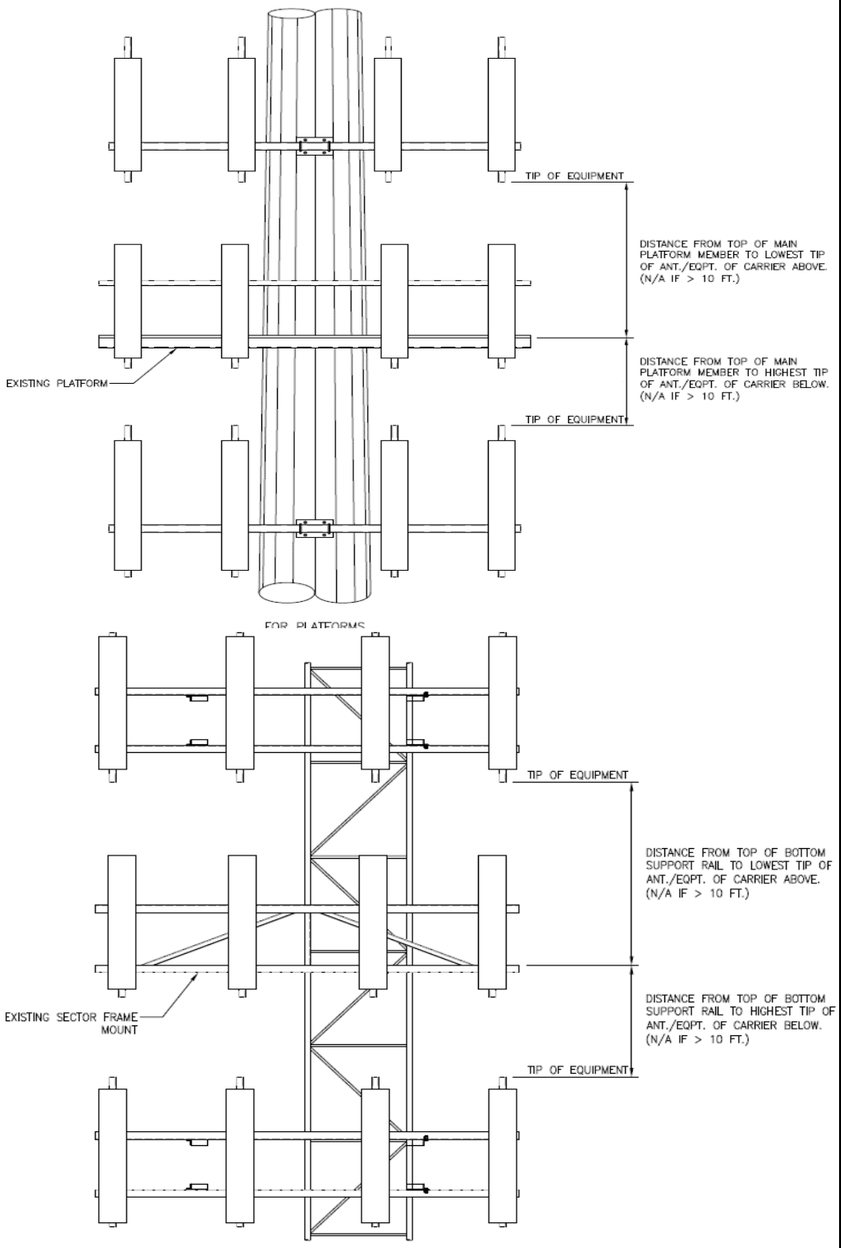


Antenna Layout (Looking Out From Tower)

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}	LPA-80063-6CF	15.00	13.00	71.00		147.417	40.00	14.00	80.00	45,72
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	(2) JAHH-65B-R3B	14.00	9.00	72.00		147.583	38.00	14.00	70.00	46,73
Ant_{2c}										
Ant_{3a}	B25 RRH 4X30	12.00	7.00	20.50		148.25	30.00	-7.00		47,71
Ant_{3b}	JAHH-65B-R3B	14.00	9.00	72.00		148	33.00	9.50	70.00	47,74
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	LPA-80063-6CF	15.00	13.00	71.00		147.417	40.00	14.00	80.00	48,72
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	B13 RRH 4X30	12.00	7.00	20.50						57-59, 61-64
Ant on Standoff	B66a RRH 4X45	12.00	7.00	25.50						57-59,60
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	80.00	Deg	Leg A:		Deg
Sector B:	200.00	Deg	Leg B:		Deg
Sector C:	320.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	145.00	Deg	N/A
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.



Sector B										
Ant_{1a}										
Ant_{1b}	LPA-80063-6CF	15.00	13.00	71.00		147.417	40.00	14.00	165.00	49,72
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	(2) JAHH-65B-R3B	14.00	9.00	72.00		147.583	38.00	14.00	190.00	50,73
Ant_{2c}										
Ant_{3a}	B25 RRH 4X30	12.00	7.00	20.50		148.25	30.00	-7.00		51,71
Ant_{3b}	JAHH-65B-R3B	14.00	9.00	72.00		148	33.00	9.50	190.00	51,74
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	LPA-80063-6CF	15.00	13.00	71.00		147.417	40.00	14.00	190.00	52,72
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	B13 RRH 4X30	12.00	7.00	20.50						57-59, 61-64
Ant on Standoff	B66a RRH 4X45	12.00	7.00	25.50						57-59,60
Ant on Tower										
Ant on Tower										

Sector C										
Ant_{1a}										
Ant_{1b}	LPA-80063-6CF	15.00	13.00	71.00		147.417	40.00	14.00	335.00	53,72
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	(2) JAHH-65B-R3B	14.00	9.00	72.00		147.583	38.00	14.00	310.00	54,73
Ant_{2c}										
Ant_{3a}	B25 RRH 4X30	12.00	7.00	20.50		148.25	30.00	-7.00		56,71
Ant_{3b}	JAHH-65B-R3B	14.00	9.00	72.00		148	33.00	9.50	310.00	56,74
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	LPA-80063-6CF	15.00	13.00	71.00		147.417	40.00	14.00	340.00	56,72
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	B13 RRH 4X30	12.00	7.00	20.50						57-59, 61-64
Ant on Standoff	B66a RRH 4X45	12.00	7.00	25.50						57-59,60
Ant on Tower	OVP	15.00	10.00	28.00						68-70
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	(7) 1-5/8"Ø COAX, (1) 1-1/4"Ø HYBRID	103-107
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 # 1235976

Tower Owner:	CROWN CASTLE	**Mapping Date:**	3/23/2021
Site Name:	OXFORD NORTH CT	**Tower Type:**	Monopole
Site Number or ID:	468396	**Tower Height (Ft.):**	150
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	146.25

Please Insert Sketches of the Antenna Mount

MOUNT MAPPING CHECKLIST

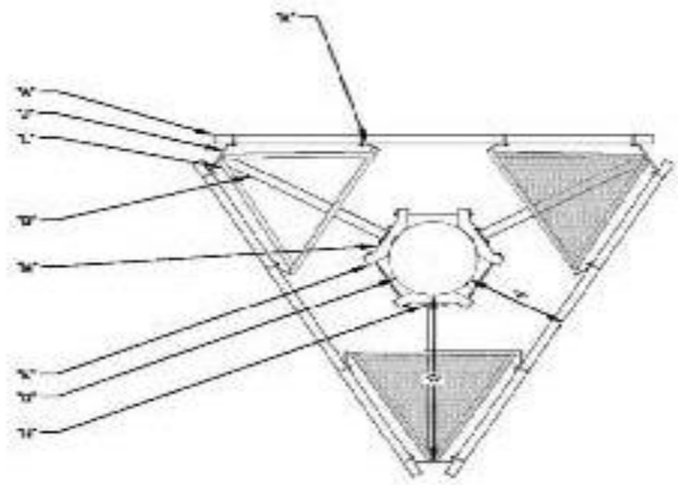
CARRIER:	COLLIER	SITE #:		SITE NAME:	Oxford North CT
DATE:	3/23/2021	MAPPED BY:	JC	SITE OWNER:	CROWN CASTLE

DESCRIPTION	STATUS	Value
A: FACE PIPE CONFIG.		
SIZE		3-1/2"
LENGTH		150"
B: STAND OFF SIZE		4x4x3/16"
C: ANTENNA PIPE MAST		
DIA.		2-3/8"
LENGTH		78"
D: MONOPOLE DIA.		23"
E: RINGMOUNT		10"x 3/8"
F: TOWER TO FACE		37"
G: TOWER TO APEX		69"
H: HARDWARE		5/8"Ø
I: U-BOLTS		1/2"Ø
J: A PLATE		6"x 12.5"x 3"x 1/2"
K: B PLATE		6"x 5"x 3.5"x 3/8"
L: ANGLE		2"X2"X3/16"
M: MOUNTING PLATE		10x10x5/8
N: ALPHA POS 1		LPA-80063-6CF
ALPHA POS 2		(2) JAHH-65B-R3B
ALPHA POS 3		(Spare) JAHH-65B-R3B
ALPHA POS 4		LPA-80063-6CF
ALPHA POS 5		
O: BETA POS 1		LPA-80063-6CF
BETA POS 2		(2) JAHH-65B-R3B
BETA POS 3		(Spare) JAHH-65B-R3B
BETA POS 4		LPA-80063-6CF
BETA POS 5		
P: GAMMA POS 1		LPA-80063-6CF
GAMMA POS 2		(2) JAHH-65B-R3B
GAMMA POS 3		(Spare) JAHH-65B-R3B
GAMMA POS 4		LPA-80063-6CF
GAMMA POS 5		
Q: TMA		None
R: RADIOS	(3) UHIE, B66A RRH 4x45 - (3) B13 RRH 4x30 - (	
S: SURGE		(1) OVP banded to towe
T: SECOND MOUNT		None

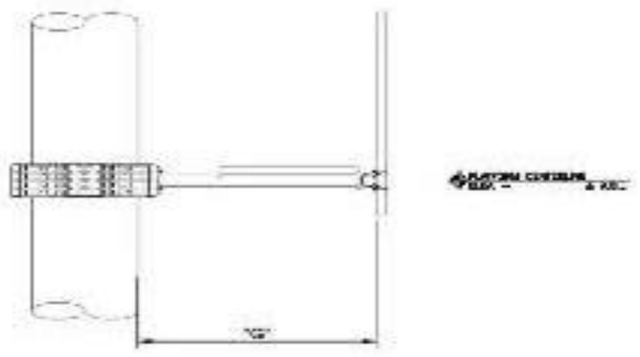
COMMENTS:

Mount CL: 146' 3" to Pad

Legend



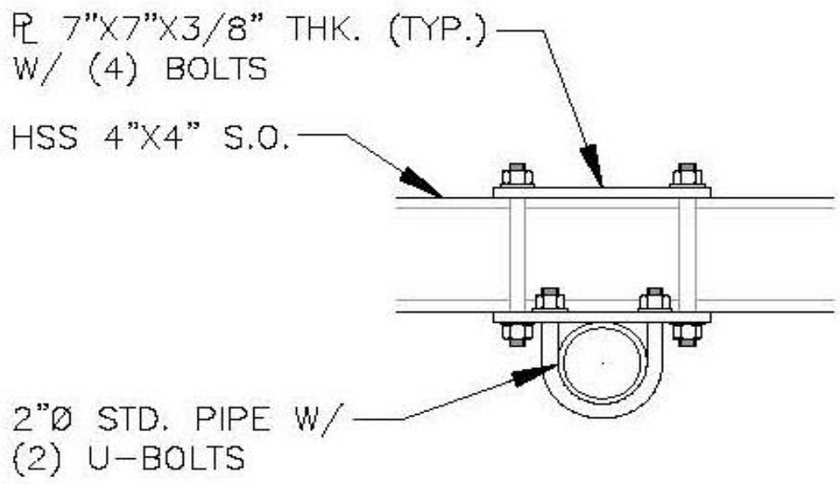
PLAN



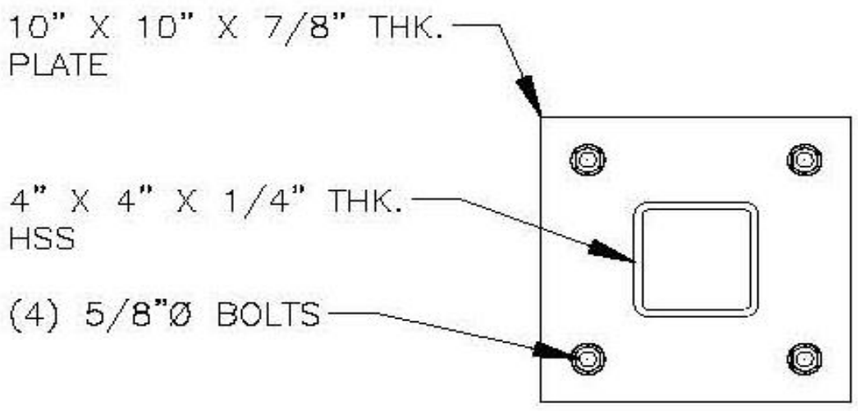
ELEVATION

FACE SKETCH

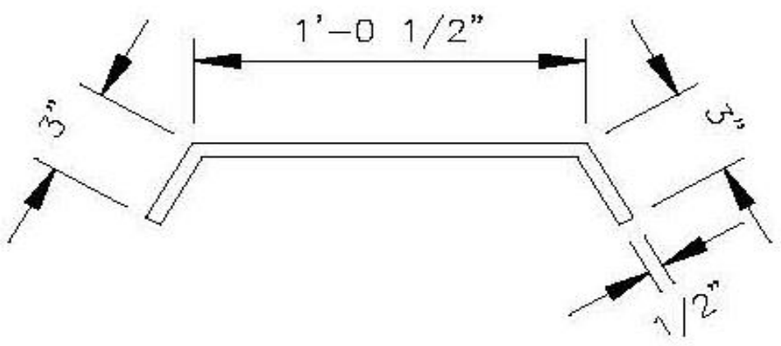
Please Insert Sketches of the Antenna Mount, cont'd



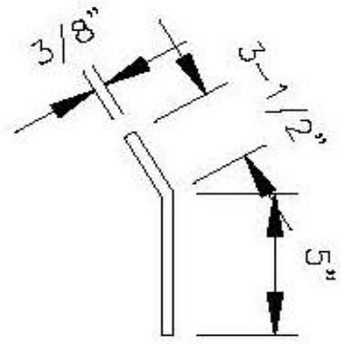
S.O. MOUNT DETAIL



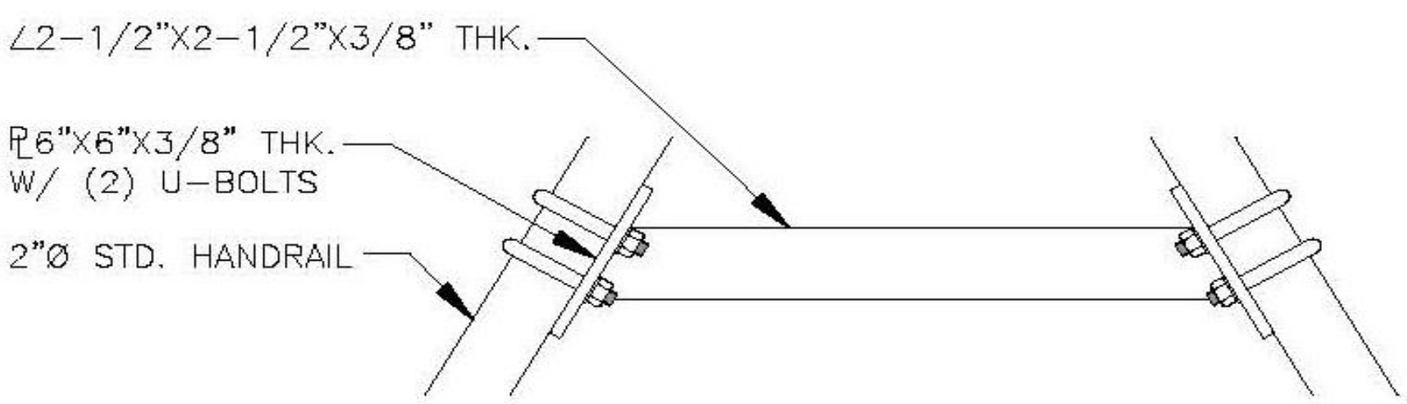
DETAIL M



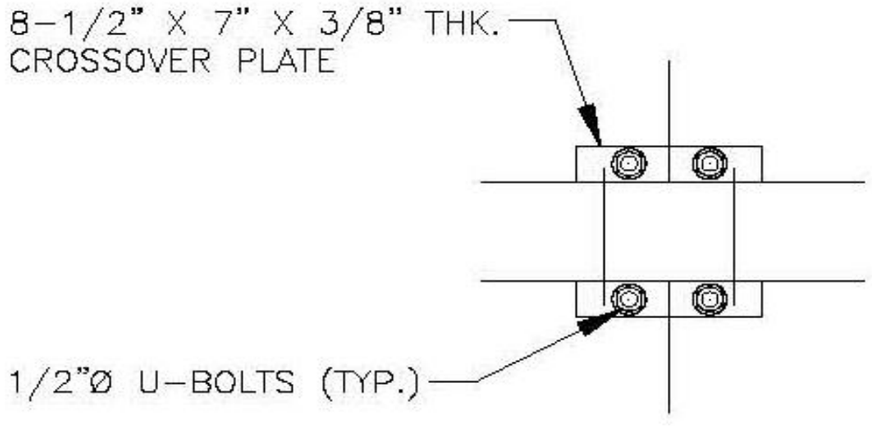
DETAIL J



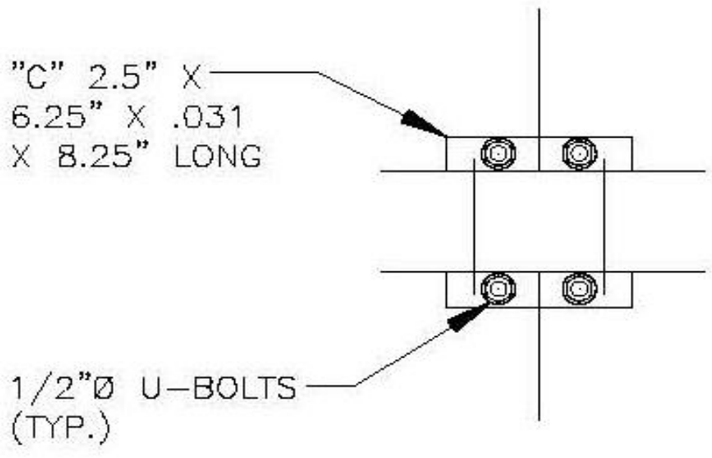
DETAIL K



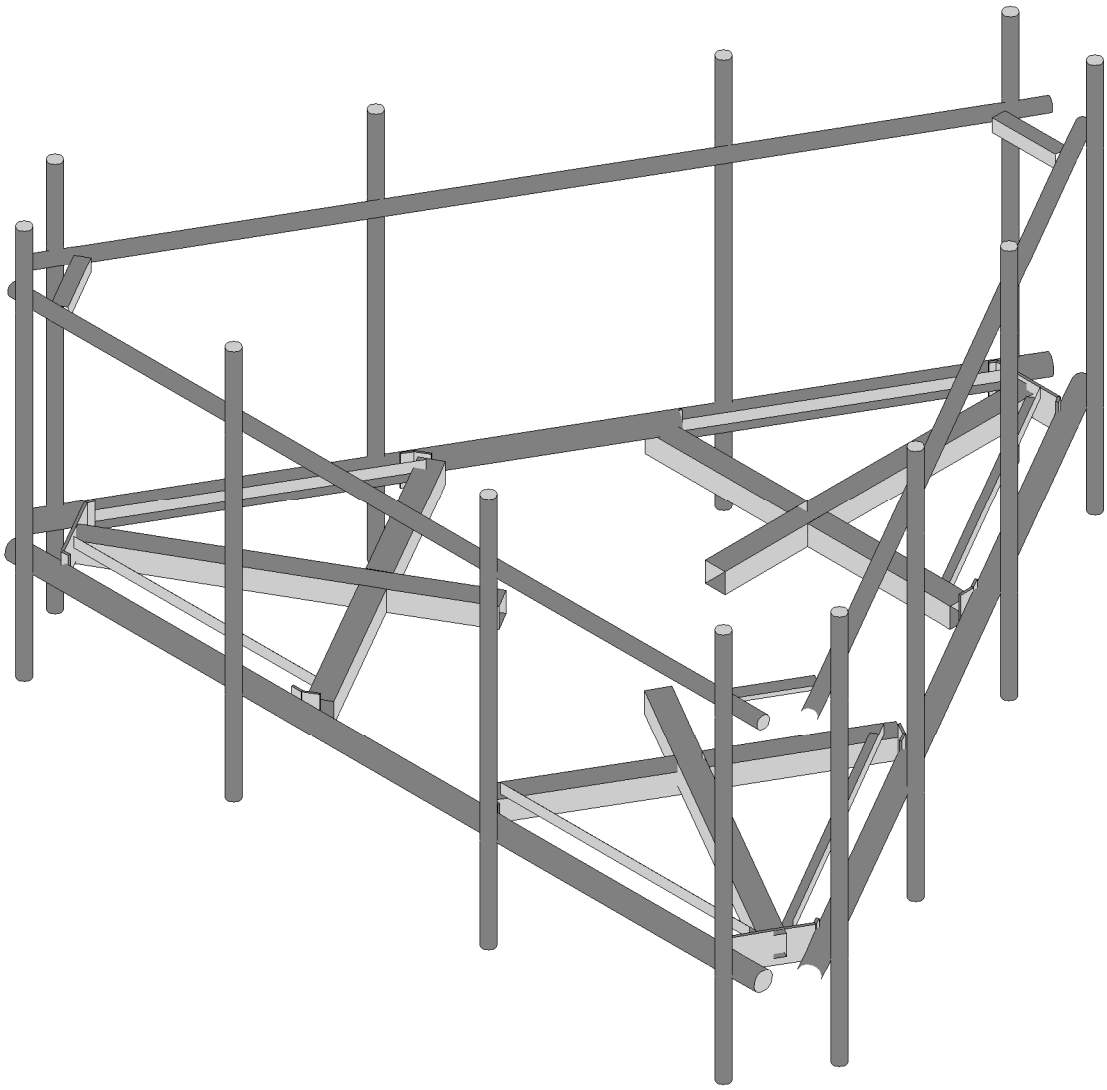
HANDRAIL APEX SUPPORT DETAIL



CROSSOVER PLATE DETAIL (H.R.)

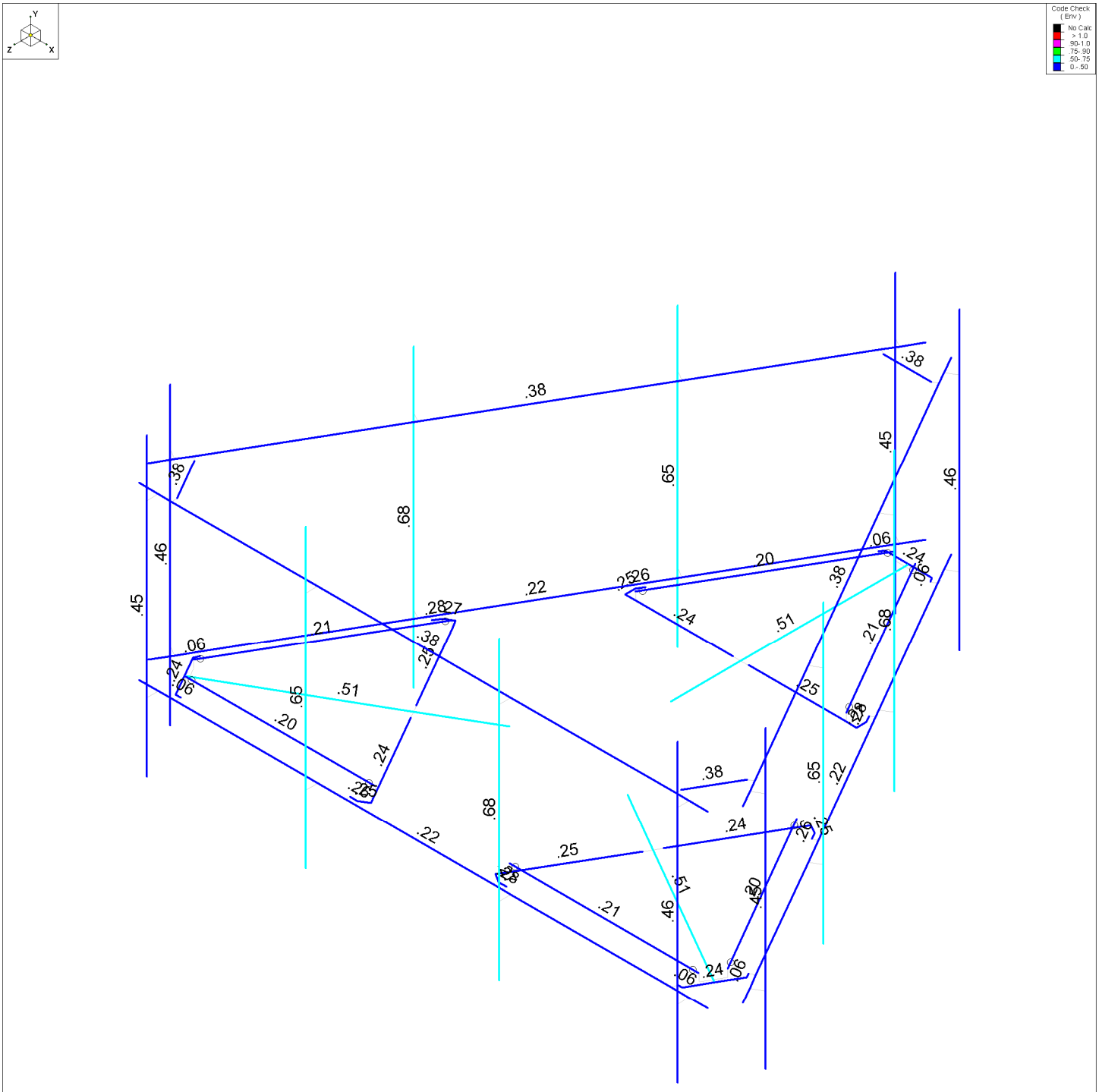


CROSSOVER PLATE
DETAIL (PLATFORM)



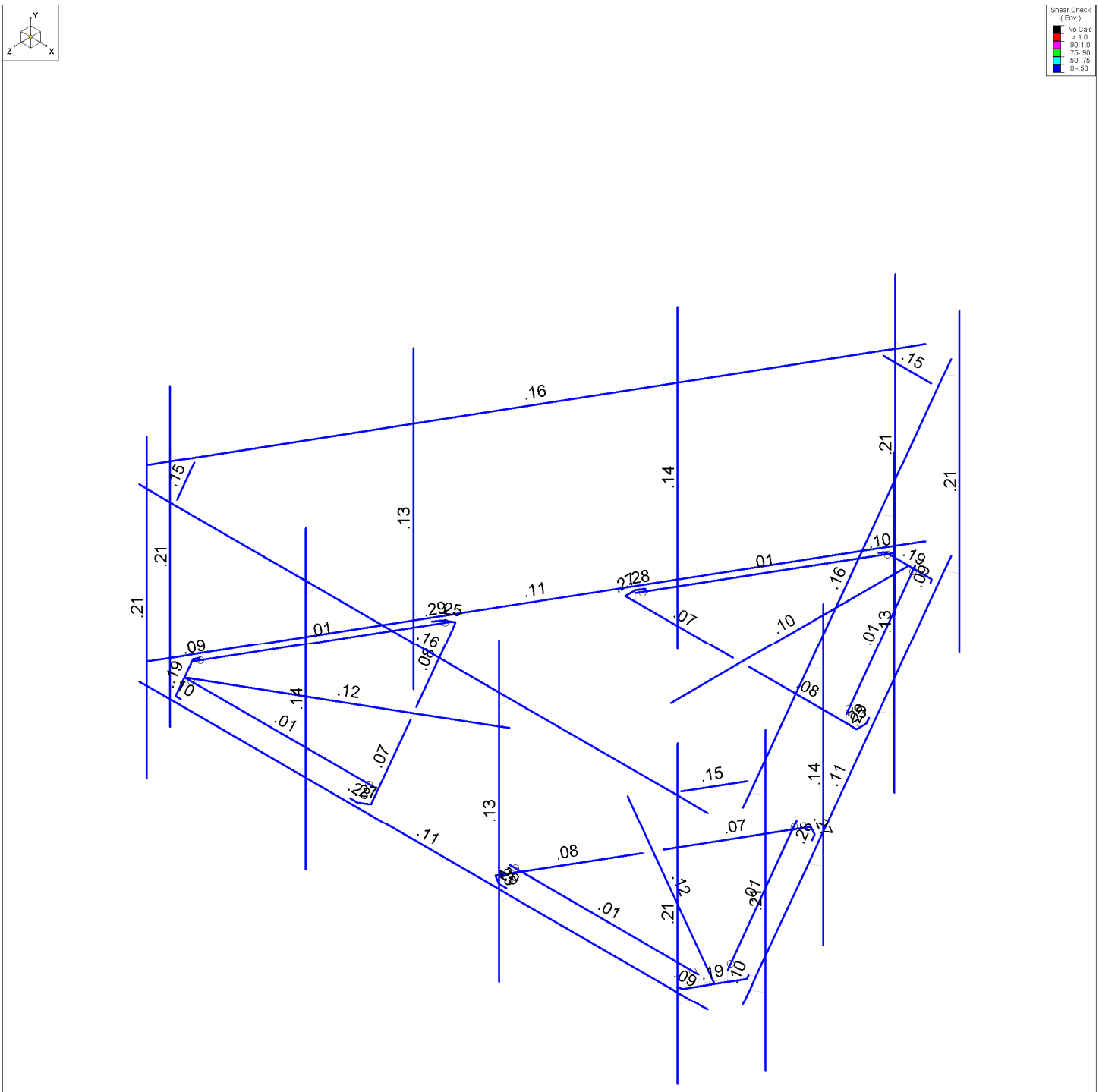
Envelope Only Solution

		SK - 1
		July 6, 2023 at 9:15 AM
	Rendered Model	5000385034-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		July 6, 2023 at 9:16 AM
	Bending Check	5000385034-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		July 6, 2023 at 9:16 AM
	Shear Check	5000385034-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					126			
2	Antenna Di	None					126			
3	Antenna Wo (0 Deg)	None					126			
4	Antenna Wo (30 Deg)	None					126			
5	Antenna Wo (60 Deg)	None					126			
6	Antenna Wo (90 Deg)	None					126			
7	Antenna Wo (120 Deg)	None					126			
8	Antenna Wo (150 Deg)	None					126			
9	Antenna Wo (180 Deg)	None					126			
10	Antenna Wo (210 Deg)	None					126			
11	Antenna Wo (240 Deg)	None					126			
12	Antenna Wo (270 Deg)	None					126			
13	Antenna Wo (300 Deg)	None					126			
14	Antenna Wo (330 Deg)	None					126			
15	Antenna Wi (0 Deg)	None					126			
16	Antenna Wi (30 Deg)	None					126			
17	Antenna Wi (60 Deg)	None					126			
18	Antenna Wi (90 Deg)	None					126			
19	Antenna Wi (120 Deg)	None					126			
20	Antenna Wi (150 Deg)	None					126			
21	Antenna Wi (180 Deg)	None					126			
22	Antenna Wi (210 Deg)	None					126			
23	Antenna Wi (240 Deg)	None					126			
24	Antenna Wi (270 Deg)	None					126			
25	Antenna Wi (300 Deg)	None					126			
26	Antenna Wi (330 Deg)	None					126			
27	Antenna Wm (0 Deg)	None					126			
28	Antenna Wm (30 Deg)	None					126			
29	Antenna Wm (60 Deg)	None					126			
30	Antenna Wm (90 Deg)	None					126			
31	Antenna Wm (120 Deg)	None					126			
32	Antenna Wm (150 Deg)	None					126			
33	Antenna Wm (180 Deg)	None					126			
34	Antenna Wm (210 Deg)	None					126			
35	Antenna Wm (240 Deg)	None					126			
36	Antenna Wm (270 Deg)	None					126			
37	Antenna Wm (300 Deg)	None					126			
38	Antenna Wm (330 Deg)	None					126			
39	Structure D	None		-1					3	
40	Structure Di	None						57	3	
41	Structure Wo (0 Deg)	None						114		
42	Structure Wo (30 Deg)	None						114		
43	Structure Wo (60 Deg)	None						114		
44	Structure Wo (90 Deg)	None						114		
45	Structure Wo (120 D...	None						114		
46	Structure Wo (150 D...	None						114		
47	Structure Wo (180 D...	None						114		
48	Structure Wo (210 D...	None						114		
49	Structure Wo (240 D...	None						114		
50	Structure Wo (270 D...	None						114		
51	Structure Wo (300 D...	None						114		
52	Structure Wo (330 D...	None						114		
53	Structure Wi (0 Deg)	None						114		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
54	Structure Wi (30 Deg)	None						114		
55	Structure Wi (60 Deg)	None						114		
56	Structure Wi (90 Deg)	None						114		
57	Structure Wi (120 De...	None						114		
58	Structure Wi (150 De...	None						114		
59	Structure Wi (180 De...	None						114		
60	Structure Wi (210 De...	None						114		
61	Structure Wi (240 De...	None						114		
62	Structure Wi (270 De...	None						114		
63	Structure Wi (300 De...	None						114		
64	Structure Wi (330 De...	None						114		
65	Structure Wm (0 Deg)	None						114		
66	Structure Wm (30 De...	None						114		
67	Structure Wm (60 De...	None						114		
68	Structure Wm (90 De...	None						114		
69	Structure Wm (120 D...	None						114		
70	Structure Wm (150 D...	None						114		
71	Structure Wm (180 D...	None						114		
72	Structure Wm (210 D...	None						114		
73	Structure Wm (240 D...	None						114		
74	Structure Wm (270 D...	None						114		
75	Structure Wm (300 D...	None						114		
76	Structure Wm (330 D...	None						114		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					126			
82	Antenna Eh (0 Deg)	None					84			
83	Antenna Eh (90 Deg)	None					84			
84	Structure Ev	ELY		-.042					3	
85	Structure Eh (0 Deg)	ELZ			-.106				3	
86	Structure Eh (90 Deg)	ELX	.106						3	
87	BLC 39 Transient Are...	None						30		
88	BLC 40 Transient Are...	None						30		
89	BLC 84 Transient Are...	None						30		
90	BLC 85 Transient Are...	None						30		
91	BLC 86 Transient Are...	None						30		

Load Combinations

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

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
15	1.2D + 1.0Di + 1.0Wi (60 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi (90 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi (120 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0Wi (150 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi (180 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi (210 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0Wi (240 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0Wi (270 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi (300 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi (330 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0Wm (0 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0Wm (30 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0Wm (60 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0Wm (90 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0Wm (120 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0Wm (150 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0Wm (180 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0Wm (210 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0Wm (240 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0Wm (270 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0Wm (300 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm (330 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0Wm (0 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm (30 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm (60 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm (90 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm (120 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm (150 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm (180 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (210 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm (240 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (270 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm (300 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (330 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0Eh (0 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	1	83		E...	1	E...					
53	1.2D + 1.0Ev + 1.0Eh (30 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	.5	E...	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0Eh (60 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	.866	E...	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0Eh (90 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	1	E...		E...	1				
56	1.2D + 1.0Ev + 1.0Eh (120 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	.866	E...	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0Eh (150 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	.5	E...	-.8...	E...	.5				
58	1.2D + 1.0Ev + 1.0Eh (180 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-1	83		E...	-1	E...					
59	1.2D + 1.0Ev + 1.0Eh (210 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
60	1.2D + 1.0Ev + 1.0Eh (240 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
61	1.2D + 1.0Ev + 1.0Eh (270 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	-1	E...		E...	-1				
62	1.2D + 1.0Ev + 1.0Eh (300 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	-.8...	E...	.5	E...	-.8...				
63	1.2D + 1.0Ev + 1.0Eh (330 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	-.5	E...	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0Eh (0 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	1	83		E...	1	E...					
65	0.9D - 1.0Ev + 1.0Eh (30 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	.5	E...	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0Eh (60 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	.866	E...	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0Eh (90 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	1	E...		E...	1				
68	0.9D - 1.0Ev + 1.0Eh (120 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	.866	E...	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0Eh (150 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	.5	E...	-.8...	E...	.5				
70	0.9D - 1.0Ev + 1.0Eh (180 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-1	83		E...	-1	E...					
71	0.9D - 1.0Ev + 1.0Eh (210 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
72	0.9D - 1.0Ev + 1.0Eh (240 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
73	0.9D - 1.0Ev + 1.0Eh (270 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	-1	E...		E...	-1				
74	0.9D - 1.0Ev + 1.0Eh (300 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	-.8...	E...	.5	E...	-.8...				
75	0.9D - 1.0Ev + 1.0Eh (330 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	-.5	E...	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	6.25	0	3.935523	0	
2	N2	-6.25	0	3.935523	0	
3	N3	-0.	0	-1.5	0	
4	N5	-2.541667	0	-3.041667	0	
5	N6	2.315104	0.166667	-3.041667	0	
6	N7	-2.315104	0.166667	-3.041667	0	
7	N8	5.833333	0	3.935523	0	
8	N9	5.833333	0	4.185523	0	
9	N10	-5.833333	0	3.935523	0	
10	N11	-5.833333	0	4.185523	0	
11	N12	1.916667	0	3.935523	0	
12	N13	1.916667	0	4.185523	0	
13	N14	-2.333333	0	3.935523	0	
14	N15	-2.333333	0	4.185523	0	
15	N16	-2.333333	-1.5	4.185523	0	
16	N17	-2.333333	5	4.185523	0	
17	N18	-5.833333	-1.5	4.185523	0	
18	N19	-5.833333	5	4.185523	0	
19	N20	1.916667	-1.5	4.185523	0	
20	N21	1.916667	5	4.185523	0	
21	N22	5.833333	-1.5	4.185523	0	
22	N23	5.833333	5	4.185523	0	
23	N24	-0.	0	-3.041667	0	
24	N27	-0.	0	-6.729167	0	
25	CP	0	0	0	0	
26	N29	2.315104	0	-3.041667	0	
27	N30	-2.315104	0	-3.041667	0	
28	N101	2.541667	0	-3.041667	0	
29	N102	-0.166667	0	-3.041667	0	
30	N103A	0.166667	0	-3.041667	0	
31	N104A	-2.541667	0	-3.260417	0	
32	N105	2.541667	0	-3.260417	0	
33	N131	2.458333	0	-3.404754	0	
34	N135	0.571615	0	-6.63219	0	
35	N144	-2.458333	0	-3.404754	0	
36	N148	-0.571615	0	-6.63219	0	
37	N86A	2.548545	0	-3.456838	0	
38	N86B	-2.548545	0	-3.456838	0	
39	N86C	-0.515625	0	-6.729167	0	
40	N87A	0.515625	0	-6.729167	0	
41	N86D	0.679344	0	-6.694388	0	
42	N86E	-0.679344	0	-6.694388	0	
43	N88A	-0.	0	-6.645833	0	
44	N87C	0.234238	0.166667	-6.645833	0	
45	N86G	0.234238	0	-6.645833	0	
46	N87B	-0.234238	0.166667	-6.645833	0	
47	N88C	-0.234238	0	-6.645833	0	
48	N48	0.283263	0	-7.38042	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
49	N49	6.533263	0	3.444897	0	
50	N67	-6.533263	0	3.444897	0	
51	N68	-0.283263	0	-7.38042	0	
52	N84A	-1.299038	0	0.75	0	
53	N85	-1.363327	0	3.721981	0	
54	N86	-3.791713	0.166667	-0.484106	0	
55	N87	-1.476609	0.166667	3.525772	0	
56	N88	-2.634161	0	1.520833	0	
57	N89	-5.827629	0	3.364583	0	
58	N91	-3.791713	0	-0.484106	0	
59	N92	-1.476609	0	3.525772	0	
60	N93	-3.904994	0	-0.680315	0	
61	N94	-2.550827	0	1.665171	0	
62	N95	-2.717494	0	1.376496	0	
63	N96	-1.55277	0	3.831356	0	
64	N97	-4.094437	0	-0.57094	0	
65	N98	-4.17777	0	-0.426602	0	
66	N99	-6.029452	0	2.821062	0	
67	N100	-1.719437	0	3.831356	0	
68	N101A	-5.457838	0	3.811128	0	
69	N102A	-4.267982	0	-0.478685	0	
70	N103	-1.719437	0	3.935523	0	
71	N104	-5.569817	0	3.811128	0	
72	N105A	-6.085442	0	2.918039	0	
73	N106	-6.137182	0	2.758864	0	
74	N107	-5.457838	0	3.935523	0	
75	N108	-5.75546	0	3.322917	0	
76	N109	-5.872579	0.166667	3.120061	0	
77	N110	-5.872579	0	3.120061	0	
78	N111	-5.638342	0.166667	3.525772	0	
79	N112	-5.638342	0	3.525772	0	
80	N113	1.299038	0	0.75	0	
81	N114	3.904994	0	-0.680315	0	
82	N115	1.476609	0.166667	3.525772	0	
83	N116	3.791713	0.166667	-0.484106	0	
84	N117	2.634161	0	1.520833	0	
85	N118	5.827629	0	3.364583	0	
86	N120	1.476609	0	3.525772	0	
87	N121	3.791713	0	-0.484106	0	
88	N122	1.363327	0	3.721981	0	
89	N123	2.717494	0	1.376496	0	
90	N124	2.550827	0	1.665171	0	
91	N125	4.094437	0	-0.57094	0	
92	N126	1.55277	0	3.831356	0	
93	N127	1.719437	0	3.831356	0	
94	N128	5.457838	0	3.811128	0	
95	N129	4.17777	0	-0.426602	0	
96	N130	6.029452	0	2.821062	0	
97	N131A	1.719437	0	3.935523	0	
98	N132	4.267982	0	-0.478686	0	
99	N133	6.085442	0	2.918039	0	
100	N134	5.569817	0	3.811128	0	
101	N135A	5.457838	0	3.935523	0	
102	N136	6.137182	0	2.758864	0	
103	N137	5.75546	0	3.322917	0	
104	N138	5.638342	0.166667	3.525772	0	
105	N139	5.638342	0	3.525772	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
106	N140	5.872579	0.166667	3.120061	0	
107	N141	5.872579	0	3.120061	0	
108	N108A	6.25	3.75	3.935523	0	
109	N109A	-6.25	3.75	3.935523	0	
110	N110A	5.833333	3.75	3.935523	0	
111	N111A	5.833333	3.75	4.185523	0	
112	N112A	-5.833333	3.75	3.935523	0	
113	N113A	-5.833333	3.75	4.185523	0	
114	N114A	1.916667	3.75	3.935523	0	
115	N115A	1.916667	3.75	4.185523	0	
116	N116A	-2.333333	3.75	3.935523	0	
117	N117A	-2.333333	3.75	4.185523	0	
118	N119	0.283263	3.75	-7.38042	0	
119	N120A	6.533263	3.75	3.444897	0	
120	N121A	0.491596	3.75	-7.019576	0	
121	N122A	0.708103	3.75	-7.144576	0	
122	N123A	6.32493	3.75	3.084053	0	
123	N124A	6.541436	3.75	2.959053	0	
124	N125A	2.44993	3.75	-3.627644	0	
125	N126A	2.666436	3.75	-3.752644	0	
126	N130A	-6.533263	3.75	3.444897	0	
127	N131B	-0.283263	3.75	-7.38042	0	
128	N132A	-6.32493	3.75	3.084053	0	
129	N133A	-6.541436	3.75	2.959053	0	
130	N134A	-0.491596	3.75	-7.019576	0	
131	N135B	-0.708103	3.75	-7.144576	0	
132	N136A	-4.366596	3.75	-0.30788	0	
133	N137A	-4.583103	3.75	-0.43288	0	
134	N140A	6.541436	-1.5	2.959053	0	
135	N141A	6.541436	5	2.959053	0	
136	N142	2.666436	-1.5	-3.752644	0	
137	N143	2.666436	5	-3.752644	0	
138	N144A	0.708103	-1.5	-7.144576	0	
139	N145	0.708103	5	-7.144576	0	
140	N149	-0.708103	-1.5	-7.144576	0	
141	N150	-0.708103	5	-7.144576	0	
142	N151	-4.583103	-1.5	-0.43288	0	
143	N152	-4.583103	5	-0.43288	0	
144	N153	-6.541436	-1.5	2.959053	0	
145	N154	-6.541436	5	2.959053	0	
146	N154A	0.529948	3.75	-6.704359	0	
147	N155	-0.529948	3.75	-6.704359	0	
148	N156	0.637678	3.75	-6.766556	0	
149	N157	-0.637678	3.75	-6.766556	0	
150	N159	-6.071119	3.75	2.893231	0	
151	N160	-5.541171	3.75	3.811128	0	
152	N161	-6.178849	3.75	2.831033	0	
153	N162	-5.541171	3.75	3.935523	0	
154	N164	5.541171	3.75	3.811128	0	
155	N165	6.071119	3.75	2.893231	0	
156	N166	5.541171	3.75	3.935523	0	
157	N167	6.178849	3.75	2.831033	0	
158	N166A	0.491596	0	-7.019576	0	
159	N167A	0.708103	0	-7.144576	0	
160	N168	6.32493	0	3.084053	0	
161	N169	6.541436	0	2.959053	0	
162	N170	2.44993	0	-3.627644	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
163	N171	2.666436	0	-3.752644	0	
164	N183	-6.32493	0	3.084053	0	
165	N184	-6.541436	0	2.959053	0	
166	N185	-0.491596	0	-7.019576	0	
167	N186	-0.708103	0	-7.144576	0	
168	N187	-4.366596	0	-0.30788	0	
169	N188	-4.583103	0	-0.43288	0	
170	N170A	4.57493	0	0.052964	0	
171	N171A	4.791436	0	-0.072036	0	
172	N172	4.791436	-1.5	-0.072036	0	
173	N173	4.791436	5	-0.072036	0	
174	N175	4.57493	3.75	0.052964	0	
175	N176	4.791436	3.75	-0.072036	0	
176	N177	-2.241596	0	-3.988488	0	
177	N178	-2.458103	0	-4.113488	0	
178	N179	-2.458103	-1.5	-4.113488	0	
179	N180	-2.458103	5	-4.113488	0	
180	N182	-2.241596	3.75	-3.988488	0	
181	N183A	-2.458103	3.75	-4.113488	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X3	Beam	SquareTube	A500 Gr.B Rect	Typical	2.58	6.21	6.21	10
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossmem...	HSS4X4X3	Beam	SquareTube	A500 Gr.B Rect	Typical	2.58	6.21	6.21	10
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	P2.5 Mount Pipe	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Support Rail	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
10	Conner Angle	L2.5x2.5x6	Beam	Single Angle	A36 Gr.36	Typical	1.73	.972	.972	.083

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M10	N101	N103A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M19	N8	N9			RIGID	None	None	RIGID	Typical
5	M20	N10	N11			RIGID	None	None	RIGID	Typical
6	M21	N12	N13			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
7	M22	N14	N15			RIGID	None	None	RIGID	Typical
8	MP3A	N17	N16			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
9	MP4A	N19	N18			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
10	MP2A	N21	N20			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
11	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
12	M43	N102	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
13	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
14	M35A	N7	N30			RIGID	None	None	RIGID	Typical
15	M36A	N6	N29			RIGID	None	None	RIGID	Typical
16	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
17	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
18	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
19	M58	N102	N24			RIGID	None	None	RIGID	Typical
20	M59	N24	N103A			RIGID	None	None	RIGID	Typical
21	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
22	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
23	M79	N131	N86A			RIGID	None	None	RIGID	Typical
24	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
25	M83	N135	N86D			RIGID	None	None	RIGID	Typical
26	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
27	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
28	M88	N144	N86B			RIGID	None	None	RIGID	Typical
29	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
30	M92	N148	N86E			RIGID	None	None	RIGID	Typical
31	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
32	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
33	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
34	M34	N48	N49			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
35	M43A	N67	N68			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
36	M52A	N84A	N89			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
37	M53	N93	N95			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
38	M54	N94	N85			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
39	M55	N104	N105A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
40	M56	N87	N92			RIGID	None	None	RIGID	Typical
41	M57	N86	N91			RIGID	None	None	RIGID	Typical
42	M58A	N109	N86			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
43	M59A	N87	N111			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
44	M60	N111	N112			RIGID	None	None	RIGID	Typical
45	M61	N94	N88			RIGID	None	None	RIGID	Typical
46	M62	N88	N95			RIGID	None	None	RIGID	Typical
47	M63	N93	N97			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
48	M64	N97	N98			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
49	M65	N98	N102A			RIGID	None	None	RIGID	Typical
50	M66	N105A	N99			Corner Plate	Beam	BAR	A36 Gr.36	Typical
51	M67	N99	N106			RIGID	None	None	RIGID	Typical
52	M68	N85	N96			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
53	M69	N96	N100			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
54	M70	N100	N103			RIGID	None	None	RIGID	Typical
55	M71	N104	N101A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
56	M72	N101A	N107			RIGID	None	None	RIGID	Typical
57	M73	N112	N108			RIGID	None	None	RIGID	Typical
58	M74	N108	N110			RIGID	None	None	RIGID	Typical
59	M75	N109	N110			RIGID	None	None	RIGID	Typical
60	M76A	N113	N118			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
61	M77A	N122	N124			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
62	M78	N123	N114			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
63	M79A	N133	N134			Corner Plate	Beam	BAR	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
64	M80A	N116	N121			RIGID	None	None	RIGID	Typical
65	M81	N115	N120			RIGID	None	None	RIGID	Typical
66	M82	N138	N115			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
67	M83A	N116	N140			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
68	M84A	N140	N141			RIGID	None	None	RIGID	Typical
69	M85A	N123	N117			RIGID	None	None	RIGID	Typical
70	M86	N117	N124			RIGID	None	None	RIGID	Typical
71	M87	N122	N126			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
72	M88A	N126	N127			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
73	M89	N127	N131A			RIGID	None	None	RIGID	Typical
74	M90	N134	N128			Corner Plate	Beam	BAR	A36 Gr.36	Typical
75	M91A	N128	N135A			RIGID	None	None	RIGID	Typical
76	M92A	N114	N125			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
77	M93	N125	N129			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
78	M94	N129	N132			RIGID	None	None	RIGID	Typical
79	M95	N133	N130			Corner Plate	Beam	BAR	A36 Gr.36	Typical
80	M96	N130	N136			RIGID	None	None	RIGID	Typical
81	M97	N141	N137			RIGID	None	None	RIGID	Typical
82	M98	N137	N139			RIGID	None	None	RIGID	Typical
83	M99	N138	N139			RIGID	None	None	RIGID	Typical
84	M84B	N108A	N109A			Support Rail	Beam	Pipe	A53 Gr.B	Typical
85	M85B	N110A	N111A			RIGID	None	None	RIGID	Typical
86	M86A	N112A	N113A			RIGID	None	None	RIGID	Typical
87	M87A	N114A	N115A			RIGID	None	None	RIGID	Typical
88	M88B	N116A	N117A			RIGID	None	None	RIGID	Typical
89	M89A	N119	N120A			Support Rail	Beam	Pipe	A53 Gr.B	Typical
90	M90A	N121A	N122A			RIGID	None	None	RIGID	Typical
91	M91B	N123A	N124A			RIGID	None	None	RIGID	Typical
92	M92B	N125A	N126A			RIGID	None	None	RIGID	Typical
93	M94A	N130A	N131B			Support Rail	Beam	Pipe	A53 Gr.B	Typical
94	M95A	N132A	N133A			RIGID	None	None	RIGID	Typical
95	M96A	N134A	N135B			RIGID	None	None	RIGID	Typical
96	M97A	N136A	N137A			RIGID	None	None	RIGID	Typical
97	MP4C	N141A	N140A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	MP2C	N143	N142			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
99	MP1C	N145	N144A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	MP4B	N150	N149			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
101	MP2B	N152	N151			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	MP1B	N154	N153			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
103	M107	N154A	N156			RIGID	None	None	RIGID	Typical
104	M108	N155	N157			RIGID	None	None	RIGID	Typical
105	M109	N155	N154A		180	Conner Angle	Beam	Single Angle	A36 Gr.36	Typical
106	M110	N159	N161			RIGID	None	None	RIGID	Typical
107	M111	N160	N162			RIGID	None	None	RIGID	Typical
108	M112	N160	N159		180	Conner Angle	Beam	Single Angle	A36 Gr.36	Typical
109	M113	N164	N166			RIGID	None	None	RIGID	Typical
110	M114	N165	N167			RIGID	None	None	RIGID	Typical
111	M115	N165	N164		180	Conner Angle	Beam	Single Angle	A36 Gr.36	Typical
112	M116	N166A	N167A			RIGID	None	None	RIGID	Typical
113	M117	N168	N169			RIGID	None	None	RIGID	Typical
114	M118	N170	N171			RIGID	None	None	RIGID	Typical
115	M124	N183	N184			RIGID	None	None	RIGID	Typical
116	M125	N185	N186			RIGID	None	None	RIGID	Typical
117	M126	N187	N188			RIGID	None	None	RIGID	Typical
118	M118A	N170A	N171A			RIGID	None	None	RIGID	Typical
119	MP3C	N173	N172			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
120	M120	N175	N176			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
121	M121	N177	N178			RIGID	None	None	RIGID	Typical
122	MP3B	N180	N179			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
123	M123	N182	N183A			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes	Default			None
2	M4						Yes				None
3	M10						Yes	Default			None
4	M19						Yes	** NA **			None
5	M20						Yes	** NA **			None
6	M21						Yes	** NA **			None
7	M22						Yes	** NA **			None
8	MP3A						Yes	** NA **			None
9	MP4A						Yes	** NA **			None
10	MP2A						Yes	** NA **			None
11	MP1A						Yes	** NA **			None
12	M43						Yes	Default			None
13	M46						Yes	Default			None
14	M35A						Yes	** NA **			None
15	M36A						Yes	** NA **			None
16	M51B	OOOOOX	OOOOOX				Yes	Default			None
17	M52B	OOOOOX	OOOOOX				Yes	Default			None
18	M52						Yes	** NA **			None
19	M58						Yes	** NA **			None
20	M59						Yes	** NA **			None
21	M76						Yes	** NA **			None
22	M77						Yes	** NA **			None
23	M79		BenPIN				Yes	** NA **			None
24	M80						Yes				None
25	M83		BenPIN				Yes	** NA **			None
26	M84						Yes	** NA **			None
27	M85						Yes	** NA **			None
28	M88		BenPIN				Yes	** NA **			None
29	M91						Yes				None
30	M92		BenPIN				Yes	** NA **			None
31	M50						Yes	** NA **			None
32	M51						Yes	** NA **			None
33	M51A						Yes	** NA **			None
34	M34						Yes	Default			None
35	M43A						Yes	Default			None
36	M52A						Yes				None
37	M53						Yes	Default			None
38	M54						Yes	Default			None
39	M55						Yes	Default			None
40	M56						Yes	** NA **			None
41	M57						Yes	** NA **			None
42	M58A	OOOOOX	OOOOOX				Yes	Default			None
43	M59A	OOOOOX	OOOOOX				Yes	Default			None
44	M60						Yes	** NA **			None
45	M61						Yes	** NA **			None
46	M62						Yes	** NA **			None
47	M63						Yes	** NA **			None
48	M64						Yes	** NA **			None
49	M65		BenPIN				Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
50	M66						Yes				None
51	M67		BenPIN				Yes	** NA **			None
52	M68						Yes	** NA **			None
53	M69						Yes	** NA **			None
54	M70		BenPIN				Yes	** NA **			None
55	M71						Yes				None
56	M72		BenPIN				Yes	** NA **			None
57	M73						Yes	** NA **			None
58	M74						Yes	** NA **			None
59	M75						Yes	** NA **			None
60	M76A						Yes				None
61	M77A						Yes	Default			None
62	M78						Yes	Default			None
63	M79A						Yes	Default			None
64	M80A						Yes	** NA **			None
65	M81						Yes	** NA **			None
66	M82	OOOOOX	OOOOOX				Yes	Default			None
67	M83A	OOOOOX	OOOOOX				Yes	Default			None
68	M84A						Yes	** NA **			None
69	M85A						Yes	** NA **			None
70	M86						Yes	** NA **			None
71	M87						Yes	** NA **			None
72	M88A						Yes	** NA **			None
73	M89		BenPIN				Yes	** NA **			None
74	M90						Yes				None
75	M91A		BenPIN				Yes	** NA **			None
76	M92A						Yes	** NA **			None
77	M93						Yes	** NA **			None
78	M94		BenPIN				Yes	** NA **			None
79	M95						Yes				None
80	M96		BenPIN				Yes	** NA **			None
81	M97						Yes	** NA **			None
82	M98						Yes	** NA **			None
83	M99						Yes	** NA **			None
84	M84B						Yes	Default			None
85	M85B						Yes	** NA **			None
86	M86A						Yes	** NA **			None
87	M87A						Yes	** NA **			None
88	M88B						Yes	** NA **			None
89	M89A						Yes	Default			None
90	M90A						Yes	** NA **			None
91	M91B						Yes	** NA **			None
92	M92B						Yes	** NA **			None
93	M94A						Yes	Default			None
94	M95A						Yes	** NA **			None
95	M96A						Yes	** NA **			None
96	M97A						Yes	** NA **			None
97	MP4C						Yes	** NA **			None
98	MP2C						Yes	** NA **			None
99	MP1C						Yes	** NA **			None
100	MP4B						Yes	** NA **			None
101	MP2B						Yes	** NA **			None
102	MP1B						Yes	** NA **			None
103	M107		OOOOOO				Yes	** NA **			None
104	M108		OOOOOO				Yes	** NA **			None
105	M109						Yes				None
106	M110		OOOOOO				Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
107	M111		OOOOOO				Yes	** NA **			None
108	M112						Yes				None
109	M113		OOOOOO				Yes	** NA **			None
110	M114		OOOOOO				Yes	** NA **			None
111	M115						Yes				None
112	M116						Yes	** NA **			None
113	M117						Yes	** NA **			None
114	M118						Yes	** NA **			None
115	M124						Yes	** NA **			None
116	M125						Yes	** NA **			None
117	M126						Yes	** NA **			None
118	M118A						Yes	** NA **			None
119	MP3C						Yes	** NA **			None
120	M120						Yes	** NA **			None
121	M121						Yes	** NA **			None
122	MP3B						Yes	** NA **			None
123	M123						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-43.55	2.5
2	MP3A	My	-.022	2.5
3	MP3A	Mz	0	2.5
4	MP3A	Y	-43.55	4.5
5	MP3A	My	-.022	4.5
6	MP3A	Mz	0	4.5
7	MP3B	Y	-43.55	2.5
8	MP3B	My	.011	2.5
9	MP3B	Mz	-.019	2.5
10	MP3B	Y	-43.55	4.5
11	MP3B	My	.011	4.5
12	MP3B	Mz	-.019	4.5
13	MP3C	Y	-43.55	2.5
14	MP3C	My	.011	2.5
15	MP3C	Mz	.019	2.5
16	MP3C	Y	-43.55	4.5
17	MP3C	My	.011	4.5
18	MP3C	Mz	.019	4.5
19	MP2A	Y	-10.4	.5
20	MP2A	My	.005	.5
21	MP2A	Mz	0	.5
22	MP2B	Y	-10.4	.5
23	MP2B	My	-.003	.5
24	MP2B	Mz	.005	.5
25	MP2C	Y	-10.4	.5
26	MP2C	My	-.003	.5
27	MP2C	Mz	-.005	.5
28	MP2A	Y	-84.4	3.5
29	MP2A	My	.042	3.5
30	MP2A	Mz	0	3.5
31	MP2B	Y	-84.4	3.5
32	MP2B	My	-.021	3.5
33	MP2B	Mz	.037	3.5
34	MP2C	Y	-84.4	3.5
35	MP2C	My	-.021	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP2C	Mz	-.037	3.5
37	MP3A	Y	-70.3	3.5
38	MP3A	My	.035	3.5
39	MP3A	Mz	0	3.5
40	MP3B	Y	-70.3	3.5
41	MP3B	My	-.018	3.5
42	MP3B	Mz	.03	3.5
43	MP3C	Y	-70.3	3.5
44	MP3C	My	-.018	3.5
45	MP3C	Mz	-.03	3.5
46	MP2A	Y	-31.65	1.5
47	MP2A	My	-.016	1.5
48	MP2A	Mz	.018	1.5
49	MP2A	Y	-31.65	5.5
50	MP2A	My	-.016	5.5
51	MP2A	Mz	.018	5.5
52	MP2B	Y	-31.65	1.5
53	MP2B	My	-.008	1.5
54	MP2B	Mz	-.023	1.5
55	MP2B	Y	-31.65	5.5
56	MP2B	My	-.008	5.5
57	MP2B	Mz	-.023	5.5
58	MP2C	Y	-31.65	1.5
59	MP2C	My	.024	1.5
60	MP2C	Mz	.004	1.5
61	MP2C	Y	-31.65	5.5
62	MP2C	My	.024	5.5
63	MP2C	Mz	.004	5.5
64	MP2A	Y	-31.65	1.5
65	MP2A	My	-.016	1.5
66	MP2A	Mz	-.018	1.5
67	MP2A	Y	-31.65	5.5
68	MP2A	My	-.016	5.5
69	MP2A	Mz	-.018	5.5
70	MP2B	Y	-31.65	1.5
71	MP2B	My	.024	1.5
72	MP2B	Mz	-.004	1.5
73	MP2B	Y	-31.65	5.5
74	MP2B	My	.024	5.5
75	MP2B	Mz	-.004	5.5
76	MP2C	Y	-31.65	1.5
77	MP2C	My	-.008	1.5
78	MP2C	Mz	.023	1.5
79	MP2C	Y	-31.65	5.5
80	MP2C	My	-.008	5.5
81	MP2C	Mz	.023	5.5
82	MP1A	Y	-13.5	1.5
83	MP1A	My	-.007	1.5
84	MP1A	Mz	0	1.5
85	MP1A	Y	-13.5	5.5
86	MP1A	My	-.007	5.5
87	MP1A	Mz	0	5.5
88	MP1B	Y	-13.5	1.5
89	MP1B	My	.003	1.5
90	MP1B	Mz	-.006	1.5
91	MP1B	Y	-13.5	5.5
92	MP1B	My	.003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP1B	Mz	-.006	5.5
94	MP1C	Y	-13.5	1.5
95	MP1C	My	.003	1.5
96	MP1C	Mz	.006	1.5
97	MP1C	Y	-13.5	5.5
98	MP1C	My	.003	5.5
99	MP1C	Mz	.006	5.5
100	MP4A	Y	-13.5	1.5
101	MP4A	My	-.007	1.5
102	MP4A	Mz	0	1.5
103	MP4A	Y	-13.5	5.5
104	MP4A	My	-.007	5.5
105	MP4A	Mz	0	5.5
106	MP4B	Y	-13.5	1.5
107	MP4B	My	.003	1.5
108	MP4B	Mz	-.006	1.5
109	MP4B	Y	-13.5	5.5
110	MP4B	My	.003	5.5
111	MP4B	Mz	-.006	5.5
112	MP4C	Y	-13.5	1.5
113	MP4C	My	.003	1.5
114	MP4C	Mz	.006	1.5
115	MP4C	Y	-13.5	5.5
116	MP4C	My	.003	5.5
117	MP4C	Mz	.006	5.5
118	MP2A	Y	-17.6	6
119	MP2A	My	.009	6
120	MP2A	Mz	0	6
121	MP2B	Y	-17.6	6
122	MP2B	My	-.004	6
123	MP2B	Mz	.008	6
124	MP2C	Y	-17.6	6
125	MP2C	My	-.004	6
126	MP2C	Mz	-.008	6

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-35.818	2.5
2	MP3A	My	-.018	2.5
3	MP3A	Mz	0	2.5
4	MP3A	Y	-35.818	4.5
5	MP3A	My	-.018	4.5
6	MP3A	Mz	0	4.5
7	MP3B	Y	-35.818	2.5
8	MP3B	My	.009	2.5
9	MP3B	Mz	-.016	2.5
10	MP3B	Y	-35.818	4.5
11	MP3B	My	.009	4.5
12	MP3B	Mz	-.016	4.5
13	MP3C	Y	-35.818	2.5
14	MP3C	My	.009	2.5
15	MP3C	Mz	.016	2.5
16	MP3C	Y	-35.818	4.5
17	MP3C	My	.009	4.5
18	MP3C	Mz	.016	4.5
19	MP2A	Y	-10.811	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP2A	My	.005	.5
21	MP2A	Mz	0	.5
22	MP2B	Y	-10.811	.5
23	MP2B	My	-.003	.5
24	MP2B	Mz	.005	.5
25	MP2C	Y	-10.811	.5
26	MP2C	My	-.003	.5
27	MP2C	Mz	-.005	.5
28	MP2A	Y	-45.161	3.5
29	MP2A	My	.023	3.5
30	MP2A	Mz	0	3.5
31	MP2B	Y	-45.161	3.5
32	MP2B	My	-.011	3.5
33	MP2B	Mz	.02	3.5
34	MP2C	Y	-45.161	3.5
35	MP2C	My	-.011	3.5
36	MP2C	Mz	-.02	3.5
37	MP3A	Y	-40.616	3.5
38	MP3A	My	.02	3.5
39	MP3A	Mz	0	3.5
40	MP3B	Y	-40.616	3.5
41	MP3B	My	-.01	3.5
42	MP3B	Mz	.018	3.5
43	MP3C	Y	-40.616	3.5
44	MP3C	My	-.01	3.5
45	MP3C	Mz	-.018	3.5
46	MP2A	Y	-70.341	1.5
47	MP2A	My	-.035	1.5
48	MP2A	Mz	.041	1.5
49	MP2A	Y	-70.341	5.5
50	MP2A	My	-.035	5.5
51	MP2A	Mz	.041	5.5
52	MP2B	Y	-70.341	1.5
53	MP2B	My	-.018	1.5
54	MP2B	Mz	-.051	1.5
55	MP2B	Y	-70.341	5.5
56	MP2B	My	-.018	5.5
57	MP2B	Mz	-.051	5.5
58	MP2C	Y	-70.341	1.5
59	MP2C	My	.053	1.5
60	MP2C	Mz	.01	1.5
61	MP2C	Y	-70.341	5.5
62	MP2C	My	.053	5.5
63	MP2C	Mz	.01	5.5
64	MP2A	Y	-70.341	1.5
65	MP2A	My	-.035	1.5
66	MP2A	Mz	-.041	1.5
67	MP2A	Y	-70.341	5.5
68	MP2A	My	-.035	5.5
69	MP2A	Mz	-.041	5.5
70	MP2B	Y	-70.341	1.5
71	MP2B	My	.053	1.5
72	MP2B	Mz	-.01	1.5
73	MP2B	Y	-70.341	5.5
74	MP2B	My	.053	5.5
75	MP2B	Mz	-.01	5.5
76	MP2C	Y	-70.341	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP2C	My	-.018	1.5
78	MP2C	Mz	.051	1.5
79	MP2C	Y	-70.341	5.5
80	MP2C	My	-.018	5.5
81	MP2C	Mz	.051	5.5
82	MP1A	Y	-89.164	1.5
83	MP1A	My	-.045	1.5
84	MP1A	Mz	0	1.5
85	MP1A	Y	-89.164	5.5
86	MP1A	My	-.045	5.5
87	MP1A	Mz	0	5.5
88	MP1B	Y	-89.164	1.5
89	MP1B	My	.022	1.5
90	MP1B	Mz	-.039	1.5
91	MP1B	Y	-89.164	5.5
92	MP1B	My	.022	5.5
93	MP1B	Mz	-.039	5.5
94	MP1C	Y	-89.164	1.5
95	MP1C	My	.022	1.5
96	MP1C	Mz	.039	1.5
97	MP1C	Y	-89.164	5.5
98	MP1C	My	.022	5.5
99	MP1C	Mz	.039	5.5
100	MP4A	Y	-89.164	1.5
101	MP4A	My	-.045	1.5
102	MP4A	Mz	0	1.5
103	MP4A	Y	-89.164	5.5
104	MP4A	My	-.045	5.5
105	MP4A	Mz	0	5.5
106	MP4B	Y	-89.164	1.5
107	MP4B	My	.022	1.5
108	MP4B	Mz	-.039	1.5
109	MP4B	Y	-89.164	5.5
110	MP4B	My	.022	5.5
111	MP4B	Mz	-.039	5.5
112	MP4C	Y	-89.164	1.5
113	MP4C	My	.022	1.5
114	MP4C	Mz	.039	1.5
115	MP4C	Y	-89.164	5.5
116	MP4C	My	.022	5.5
117	MP4C	Mz	.039	5.5
118	MP2A	Y	-17.454	6
119	MP2A	My	.009	6
120	MP2A	Mz	0	6
121	MP2B	Y	-17.454	6
122	MP2B	My	-.004	6
123	MP2B	Mz	.008	6
124	MP2C	Y	-17.454	6
125	MP2C	My	-.004	6
126	MP2C	Mz	-.008	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.5
2	MP3A	Z	-82.583	2.5
3	MP3A	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP3A	X	0	4.5
5	MP3A	Z	-82.583	4.5
6	MP3A	Mx	0	4.5
7	MP3B	X	0	2.5
8	MP3B	Z	-41.976	2.5
9	MP3B	Mx	.018	2.5
10	MP3B	X	0	4.5
11	MP3B	Z	-41.976	4.5
12	MP3B	Mx	.018	4.5
13	MP3C	X	0	2.5
14	MP3C	Z	-41.976	2.5
15	MP3C	Mx	-.018	2.5
16	MP3C	X	0	4.5
17	MP3C	Z	-41.976	4.5
18	MP3C	Mx	-.018	4.5
19	MP2A	X	0	.5
20	MP2A	Z	-15.59	.5
21	MP2A	Mx	0	.5
22	MP2B	X	0	.5
23	MP2B	Z	-11.987	.5
24	MP2B	Mx	-.005	.5
25	MP2C	X	0	.5
26	MP2C	Z	-11.987	.5
27	MP2C	Mx	.005	.5
28	MP2A	X	0	3.5
29	MP2A	Z	-65.308	3.5
30	MP2A	Mx	0	3.5
31	MP2B	X	0	3.5
32	MP2B	Z	-49.192	3.5
33	MP2B	Mx	-.021	3.5
34	MP2C	X	0	3.5
35	MP2C	Z	-49.192	3.5
36	MP2C	Mx	.021	3.5
37	MP3A	X	0	3.5
38	MP3A	Z	-65.308	3.5
39	MP3A	Mx	0	3.5
40	MP3B	X	0	3.5
41	MP3B	Z	-43.187	3.5
42	MP3B	Mx	-.019	3.5
43	MP3C	X	0	3.5
44	MP3C	Z	-43.187	3.5
45	MP3C	Mx	.019	3.5
46	MP2A	X	0	1.5
47	MP2A	Z	-191.921	1.5
48	MP2A	Mx	-.112	1.5
49	MP2A	X	0	5.5
50	MP2A	Z	-191.921	5.5
51	MP2A	Mx	-.112	5.5
52	MP2B	X	0	1.5
53	MP2B	Z	-142.518	1.5
54	MP2B	Mx	.103	1.5
55	MP2B	X	0	5.5
56	MP2B	Z	-142.518	5.5
57	MP2B	Mx	.103	5.5
58	MP2C	X	0	1.5
59	MP2C	Z	-142.518	1.5
60	MP2C	Mx	-.02	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2C	X	0	5.5
62	MP2C	Z	-142.518	5.5
63	MP2C	Mx	-.02	5.5
64	MP2A	X	0	1.5
65	MP2A	Z	-191.921	1.5
66	MP2A	Mx	.112	1.5
67	MP2A	X	0	5.5
68	MP2A	Z	-191.921	5.5
69	MP2A	Mx	.112	5.5
70	MP2B	X	0	1.5
71	MP2B	Z	-142.518	1.5
72	MP2B	Mx	.02	1.5
73	MP2B	X	0	5.5
74	MP2B	Z	-142.518	5.5
75	MP2B	Mx	.02	5.5
76	MP2C	X	0	1.5
77	MP2C	Z	-142.518	1.5
78	MP2C	Mx	-.103	1.5
79	MP2C	X	0	5.5
80	MP2C	Z	-142.518	5.5
81	MP2C	Mx	-.103	5.5
82	MP1A	X	0	1.5
83	MP1A	Z	-202.243	1.5
84	MP1A	Mx	0	1.5
85	MP1A	X	0	5.5
86	MP1A	Z	-202.243	5.5
87	MP1A	Mx	0	5.5
88	MP1B	X	0	1.5
89	MP1B	Z	-186.044	1.5
90	MP1B	Mx	.081	1.5
91	MP1B	X	0	5.5
92	MP1B	Z	-186.044	5.5
93	MP1B	Mx	.081	5.5
94	MP1C	X	0	1.5
95	MP1C	Z	-186.044	1.5
96	MP1C	Mx	-.081	1.5
97	MP1C	X	0	5.5
98	MP1C	Z	-186.044	5.5
99	MP1C	Mx	-.081	5.5
100	MP4A	X	0	1.5
101	MP4A	Z	-202.243	1.5
102	MP4A	Mx	0	1.5
103	MP4A	X	0	5.5
104	MP4A	Z	-202.243	5.5
105	MP4A	Mx	0	5.5
106	MP4B	X	0	1.5
107	MP4B	Z	-186.044	1.5
108	MP4B	Mx	.081	1.5
109	MP4B	X	0	5.5
110	MP4B	Z	-186.044	5.5
111	MP4B	Mx	.081	5.5
112	MP4C	X	0	1.5
113	MP4C	Z	-186.044	1.5
114	MP4C	Mx	-.081	1.5
115	MP4C	X	0	5.5
116	MP4C	Z	-186.044	5.5
117	MP4C	Mx	-.081	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
118	MP2A	X	0	6
119	MP2A	Z	-40.449	6
120	MP2A	Mx	0	6
121	MP2B	X	0	6
122	MP2B	Z	-19.313	6
123	MP2B	Mx	-.008	6
124	MP2C	X	0	6
125	MP2C	Z	-19.313	6
126	MP2C	Mx	.008	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	34.524	2.5
2	MP3A	Z	-59.797	2.5
3	MP3A	Mx	-.017	2.5
4	MP3A	X	34.524	4.5
5	MP3A	Z	-59.797	4.5
6	MP3A	Mx	-.017	4.5
7	MP3B	X	14.22	2.5
8	MP3B	Z	-24.63	2.5
9	MP3B	Mx	.014	2.5
10	MP3B	X	14.22	4.5
11	MP3B	Z	-24.63	4.5
12	MP3B	Mx	.014	4.5
13	MP3C	X	34.524	2.5
14	MP3C	Z	-59.797	2.5
15	MP3C	Mx	-.017	2.5
16	MP3C	X	34.524	4.5
17	MP3C	Z	-59.797	4.5
18	MP3C	Mx	-.017	4.5
19	MP2A	X	7.194	.5
20	MP2A	Z	-12.461	.5
21	MP2A	Mx	.004	.5
22	MP2B	X	5.393	.5
23	MP2B	Z	-9.341	.5
24	MP2B	Mx	-.005	.5
25	MP2C	X	7.194	.5
26	MP2C	Z	-12.461	.5
27	MP2C	Mx	.004	.5
28	MP2A	X	29.968	3.5
29	MP2A	Z	-51.906	3.5
30	MP2A	Mx	.015	3.5
31	MP2B	X	21.91	3.5
32	MP2B	Z	-37.949	3.5
33	MP2B	Mx	-.022	3.5
34	MP2C	X	29.968	3.5
35	MP2C	Z	-51.906	3.5
36	MP2C	Mx	.015	3.5
37	MP3A	X	28.967	3.5
38	MP3A	Z	-50.173	3.5
39	MP3A	Mx	.014	3.5
40	MP3B	X	17.907	3.5
41	MP3B	Z	-31.016	3.5
42	MP3B	Mx	-.018	3.5
43	MP3C	X	28.967	3.5
44	MP3C	Z	-50.173	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3C	Mx	.014	3.5
46	MP2A	X	87.727	1.5
47	MP2A	Z	-151.947	1.5
48	MP2A	Mx	-.132	1.5
49	MP2A	X	87.727	5.5
50	MP2A	Z	-151.947	5.5
51	MP2A	Mx	-.132	5.5
52	MP2B	X	63.026	1.5
53	MP2B	Z	-109.163	1.5
54	MP2B	Mx	.063	1.5
55	MP2B	X	63.026	5.5
56	MP2B	Z	-109.163	5.5
57	MP2B	Mx	.063	5.5
58	MP2C	X	87.727	1.5
59	MP2C	Z	-151.947	1.5
60	MP2C	Mx	.045	1.5
61	MP2C	X	87.727	5.5
62	MP2C	Z	-151.947	5.5
63	MP2C	Mx	.045	5.5
64	MP2A	X	87.727	1.5
65	MP2A	Z	-151.947	1.5
66	MP2A	Mx	.045	1.5
67	MP2A	X	87.727	5.5
68	MP2A	Z	-151.947	5.5
69	MP2A	Mx	.045	5.5
70	MP2B	X	63.026	1.5
71	MP2B	Z	-109.163	1.5
72	MP2B	Mx	.063	1.5
73	MP2B	X	63.026	5.5
74	MP2B	Z	-109.163	5.5
75	MP2B	Mx	.063	5.5
76	MP2C	X	87.727	1.5
77	MP2C	Z	-151.947	1.5
78	MP2C	Mx	-.132	1.5
79	MP2C	X	87.727	5.5
80	MP2C	Z	-151.947	5.5
81	MP2C	Mx	-.132	5.5
82	MP1A	X	98.422	1.5
83	MP1A	Z	-170.472	1.5
84	MP1A	Mx	-.049	1.5
85	MP1A	X	98.422	5.5
86	MP1A	Z	-170.472	5.5
87	MP1A	Mx	-.049	5.5
88	MP1B	X	90.322	1.5
89	MP1B	Z	-156.443	1.5
90	MP1B	Mx	.09	1.5
91	MP1B	X	90.322	5.5
92	MP1B	Z	-156.443	5.5
93	MP1B	Mx	.09	5.5
94	MP1C	X	98.422	1.5
95	MP1C	Z	-170.472	1.5
96	MP1C	Mx	-.049	1.5
97	MP1C	X	98.422	5.5
98	MP1C	Z	-170.472	5.5
99	MP1C	Mx	-.049	5.5
100	MP4A	X	98.422	1.5
101	MP4A	Z	-170.472	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP4A	Mx	-.049	1.5
103	MP4A	X	98.422	5.5
104	MP4A	Z	-170.472	5.5
105	MP4A	Mx	-.049	5.5
106	MP4B	X	90.322	1.5
107	MP4B	Z	-156.443	1.5
108	MP4B	Mx	.09	1.5
109	MP4B	X	90.322	5.5
110	MP4B	Z	-156.443	5.5
111	MP4B	Mx	.09	5.5
112	MP4C	X	98.422	1.5
113	MP4C	Z	-170.472	1.5
114	MP4C	Mx	-.049	1.5
115	MP4C	X	98.422	5.5
116	MP4C	Z	-170.472	5.5
117	MP4C	Mx	-.049	5.5
118	MP2A	X	16.702	6
119	MP2A	Z	-28.928	6
120	MP2A	Mx	.008	6
121	MP2B	X	6.134	6
122	MP2B	Z	-10.625	6
123	MP2B	Mx	-.006	6
124	MP2C	X	16.702	6
125	MP2C	Z	-28.928	6
126	MP2C	Mx	.008	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	36.352	2.5
2	MP3A	Z	-20.988	2.5
3	MP3A	Mx	-.018	2.5
4	MP3A	X	36.352	4.5
5	MP3A	Z	-20.988	4.5
6	MP3A	Mx	-.018	4.5
7	MP3B	X	36.352	2.5
8	MP3B	Z	-20.988	2.5
9	MP3B	Mx	.018	2.5
10	MP3B	X	36.352	4.5
11	MP3B	Z	-20.988	4.5
12	MP3B	Mx	.018	4.5
13	MP3C	X	71.519	2.5
14	MP3C	Z	-41.291	2.5
15	MP3C	Mx	0	2.5
16	MP3C	X	71.519	4.5
17	MP3C	Z	-41.291	4.5
18	MP3C	Mx	0	4.5
19	MP2A	X	10.381	.5
20	MP2A	Z	-5.994	.5
21	MP2A	Mx	.005	.5
22	MP2B	X	10.381	.5
23	MP2B	Z	-5.994	.5
24	MP2B	Mx	-.005	.5
25	MP2C	X	13.501	.5
26	MP2C	Z	-7.795	.5
27	MP2C	Mx	0	.5
28	MP2A	X	42.601	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2A	Z	-24.596	3.5
30	MP2A	Mx	.021	3.5
31	MP2B	X	42.601	3.5
32	MP2B	Z	-24.596	3.5
33	MP2B	Mx	-.021	3.5
34	MP2C	X	56.558	3.5
35	MP2C	Z	-32.654	3.5
36	MP2C	Mx	0	3.5
37	MP3A	X	37.401	3.5
38	MP3A	Z	-21.594	3.5
39	MP3A	Mx	.019	3.5
40	MP3B	X	37.401	3.5
41	MP3B	Z	-21.594	3.5
42	MP3B	Mx	-.019	3.5
43	MP3C	X	56.558	3.5
44	MP3C	Z	-32.654	3.5
45	MP3C	Mx	0	3.5
46	MP2A	X	123.425	1.5
47	MP2A	Z	-71.259	1.5
48	MP2A	Mx	-.103	1.5
49	MP2A	X	123.425	5.5
50	MP2A	Z	-71.259	5.5
51	MP2A	Mx	-.103	5.5
52	MP2B	X	123.425	1.5
53	MP2B	Z	-71.259	1.5
54	MP2B	Mx	.02	1.5
55	MP2B	X	123.425	5.5
56	MP2B	Z	-71.259	5.5
57	MP2B	Mx	.02	5.5
58	MP2C	X	166.208	1.5
59	MP2C	Z	-95.96	1.5
60	MP2C	Mx	.112	1.5
61	MP2C	X	166.208	5.5
62	MP2C	Z	-95.96	5.5
63	MP2C	Mx	.112	5.5
64	MP2A	X	123.425	1.5
65	MP2A	Z	-71.259	1.5
66	MP2A	Mx	-.02	1.5
67	MP2A	X	123.425	5.5
68	MP2A	Z	-71.259	5.5
69	MP2A	Mx	-.02	5.5
70	MP2B	X	123.425	1.5
71	MP2B	Z	-71.259	1.5
72	MP2B	Mx	.103	1.5
73	MP2B	X	123.425	5.5
74	MP2B	Z	-71.259	5.5
75	MP2B	Mx	.103	5.5
76	MP2C	X	166.208	1.5
77	MP2C	Z	-95.96	1.5
78	MP2C	Mx	-.112	1.5
79	MP2C	X	166.208	5.5
80	MP2C	Z	-95.96	5.5
81	MP2C	Mx	-.112	5.5
82	MP1A	X	161.119	1.5
83	MP1A	Z	-93.022	1.5
84	MP1A	Mx	-.081	1.5
85	MP1A	X	161.119	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP1A	Z	-93.022	5.5
87	MP1A	Mx	-.081	5.5
88	MP1B	X	161.119	1.5
89	MP1B	Z	-93.022	1.5
90	MP1B	Mx	.081	1.5
91	MP1B	X	161.119	5.5
92	MP1B	Z	-93.022	5.5
93	MP1B	Mx	.081	5.5
94	MP1C	X	175.148	1.5
95	MP1C	Z	-101.122	1.5
96	MP1C	Mx	0	1.5
97	MP1C	X	175.148	5.5
98	MP1C	Z	-101.122	5.5
99	MP1C	Mx	0	5.5
100	MP4A	X	161.119	1.5
101	MP4A	Z	-93.022	1.5
102	MP4A	Mx	-.081	1.5
103	MP4A	X	161.119	5.5
104	MP4A	Z	-93.022	5.5
105	MP4A	Mx	-.081	5.5
106	MP4B	X	161.119	1.5
107	MP4B	Z	-93.022	1.5
108	MP4B	Mx	.081	1.5
109	MP4B	X	161.119	5.5
110	MP4B	Z	-93.022	5.5
111	MP4B	Mx	.081	5.5
112	MP4C	X	175.148	1.5
113	MP4C	Z	-101.122	1.5
114	MP4C	Mx	0	1.5
115	MP4C	X	175.148	5.5
116	MP4C	Z	-101.122	5.5
117	MP4C	Mx	0	5.5
118	MP2A	X	16.726	6
119	MP2A	Z	-9.657	6
120	MP2A	Mx	.008	6
121	MP2B	X	16.726	6
122	MP2B	Z	-9.657	6
123	MP2B	Mx	-.008	6
124	MP2C	X	35.03	6
125	MP2C	Z	-20.224	6
126	MP2C	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	28.44	2.5
2	MP3A	Z	0	2.5
3	MP3A	Mx	-.014	2.5
4	MP3A	X	28.44	4.5
5	MP3A	Z	0	4.5
6	MP3A	Mx	-.014	4.5
7	MP3B	X	69.047	2.5
8	MP3B	Z	0	2.5
9	MP3B	Mx	.017	2.5
10	MP3B	X	69.047	4.5
11	MP3B	Z	0	4.5
12	MP3B	Mx	.017	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP3C	X	69.047	2.5
14	MP3C	Z	0	2.5
15	MP3C	Mx	.017	2.5
16	MP3C	X	69.047	4.5
17	MP3C	Z	0	4.5
18	MP3C	Mx	.017	4.5
19	MP2A	X	10.786	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.005	.5
22	MP2B	X	14.389	.5
23	MP2B	Z	0	.5
24	MP2B	Mx	-.004	.5
25	MP2C	X	14.389	.5
26	MP2C	Z	0	.5
27	MP2C	Mx	-.004	.5
28	MP2A	X	43.819	3.5
29	MP2A	Z	0	3.5
30	MP2A	Mx	.022	3.5
31	MP2B	X	59.936	3.5
32	MP2B	Z	0	3.5
33	MP2B	Mx	-.015	3.5
34	MP2C	X	59.936	3.5
35	MP2C	Z	0	3.5
36	MP2C	Mx	-.015	3.5
37	MP3A	X	35.814	3.5
38	MP3A	Z	0	3.5
39	MP3A	Mx	.018	3.5
40	MP3B	X	57.934	3.5
41	MP3B	Z	0	3.5
42	MP3B	Mx	-.014	3.5
43	MP3C	X	57.934	3.5
44	MP3C	Z	0	3.5
45	MP3C	Mx	-.014	3.5
46	MP2A	X	126.051	1.5
47	MP2A	Z	0	1.5
48	MP2A	Mx	-.063	1.5
49	MP2A	X	126.051	5.5
50	MP2A	Z	0	5.5
51	MP2A	Mx	-.063	5.5
52	MP2B	X	175.453	1.5
53	MP2B	Z	0	1.5
54	MP2B	Mx	-.045	1.5
55	MP2B	X	175.453	5.5
56	MP2B	Z	0	5.5
57	MP2B	Mx	-.045	5.5
58	MP2C	X	175.453	1.5
59	MP2C	Z	0	1.5
60	MP2C	Mx	.132	1.5
61	MP2C	X	175.453	5.5
62	MP2C	Z	0	5.5
63	MP2C	Mx	.132	5.5
64	MP2A	X	126.051	1.5
65	MP2A	Z	0	1.5
66	MP2A	Mx	-.063	1.5
67	MP2A	X	126.051	5.5
68	MP2A	Z	0	5.5
69	MP2A	Mx	-.063	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP2B	X	175.453	1.5
71	MP2B	Z	0	1.5
72	MP2B	Mx	.132	1.5
73	MP2B	X	175.453	5.5
74	MP2B	Z	0	5.5
75	MP2B	Mx	.132	5.5
76	MP2C	X	175.453	1.5
77	MP2C	Z	0	1.5
78	MP2C	Mx	-.045	1.5
79	MP2C	X	175.453	5.5
80	MP2C	Z	0	5.5
81	MP2C	Mx	-.045	5.5
82	MP1A	X	180.644	1.5
83	MP1A	Z	0	1.5
84	MP1A	Mx	-.09	1.5
85	MP1A	X	180.644	5.5
86	MP1A	Z	0	5.5
87	MP1A	Mx	-.09	5.5
88	MP1B	X	196.844	1.5
89	MP1B	Z	0	1.5
90	MP1B	Mx	.049	1.5
91	MP1B	X	196.844	5.5
92	MP1B	Z	0	5.5
93	MP1B	Mx	.049	5.5
94	MP1C	X	196.844	1.5
95	MP1C	Z	0	1.5
96	MP1C	Mx	.049	1.5
97	MP1C	X	196.844	5.5
98	MP1C	Z	0	5.5
99	MP1C	Mx	.049	5.5
100	MP4A	X	180.644	1.5
101	MP4A	Z	0	1.5
102	MP4A	Mx	-.09	1.5
103	MP4A	X	180.644	5.5
104	MP4A	Z	0	5.5
105	MP4A	Mx	-.09	5.5
106	MP4B	X	196.844	1.5
107	MP4B	Z	0	1.5
108	MP4B	Mx	.049	1.5
109	MP4B	X	196.844	5.5
110	MP4B	Z	0	5.5
111	MP4B	Mx	.049	5.5
112	MP4C	X	196.844	1.5
113	MP4C	Z	0	1.5
114	MP4C	Mx	.049	1.5
115	MP4C	X	196.844	5.5
116	MP4C	Z	0	5.5
117	MP4C	Mx	.049	5.5
118	MP2A	X	12.268	6
119	MP2A	Z	0	6
120	MP2A	Mx	.006	6
121	MP2B	X	33.404	6
122	MP2B	Z	0	6
123	MP2B	Mx	-.008	6
124	MP2C	X	33.404	6
125	MP2C	Z	0	6
126	MP2C	Mx	-.008	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	36.352	2.5
2	MP3A	Z	20.988	2.5
3	MP3A	Mx	-.018	2.5
4	MP3A	X	36.352	4.5
5	MP3A	Z	20.988	4.5
6	MP3A	Mx	-.018	4.5
7	MP3B	X	71.519	2.5
8	MP3B	Z	41.291	2.5
9	MP3B	Mx	0	2.5
10	MP3B	X	71.519	4.5
11	MP3B	Z	41.291	4.5
12	MP3B	Mx	0	4.5
13	MP3C	X	36.352	2.5
14	MP3C	Z	20.988	2.5
15	MP3C	Mx	.018	2.5
16	MP3C	X	36.352	4.5
17	MP3C	Z	20.988	4.5
18	MP3C	Mx	.018	4.5
19	MP2A	X	10.381	.5
20	MP2A	Z	5.994	.5
21	MP2A	Mx	.005	.5
22	MP2B	X	13.501	.5
23	MP2B	Z	7.795	.5
24	MP2B	Mx	0	.5
25	MP2C	X	10.381	.5
26	MP2C	Z	5.994	.5
27	MP2C	Mx	-.005	.5
28	MP2A	X	42.601	3.5
29	MP2A	Z	24.596	3.5
30	MP2A	Mx	.021	3.5
31	MP2B	X	56.558	3.5
32	MP2B	Z	32.654	3.5
33	MP2B	Mx	0	3.5
34	MP2C	X	42.601	3.5
35	MP2C	Z	24.596	3.5
36	MP2C	Mx	-.021	3.5
37	MP3A	X	37.401	3.5
38	MP3A	Z	21.594	3.5
39	MP3A	Mx	.019	3.5
40	MP3B	X	56.558	3.5
41	MP3B	Z	32.654	3.5
42	MP3B	Mx	0	3.5
43	MP3C	X	37.401	3.5
44	MP3C	Z	21.594	3.5
45	MP3C	Mx	-.019	3.5
46	MP2A	X	123.425	1.5
47	MP2A	Z	71.259	1.5
48	MP2A	Mx	-.02	1.5
49	MP2A	X	123.425	5.5
50	MP2A	Z	71.259	5.5
51	MP2A	Mx	-.02	5.5
52	MP2B	X	166.208	1.5
53	MP2B	Z	95.96	1.5
54	MP2B	Mx	-.112	1.5
55	MP2B	X	166.208	5.5
56	MP2B	Z	95.96	5.5
57	MP2B	Mx	-.112	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2C	X	123.425	1.5
59	MP2C	Z	71.259	1.5
60	MP2C	Mx	.103	1.5
61	MP2C	X	123.425	5.5
62	MP2C	Z	71.259	5.5
63	MP2C	Mx	.103	5.5
64	MP2A	X	123.425	1.5
65	MP2A	Z	71.259	1.5
66	MP2A	Mx	-.103	1.5
67	MP2A	X	123.425	5.5
68	MP2A	Z	71.259	5.5
69	MP2A	Mx	-.103	5.5
70	MP2B	X	166.208	1.5
71	MP2B	Z	95.96	1.5
72	MP2B	Mx	.112	1.5
73	MP2B	X	166.208	5.5
74	MP2B	Z	95.96	5.5
75	MP2B	Mx	.112	5.5
76	MP2C	X	123.425	1.5
77	MP2C	Z	71.259	1.5
78	MP2C	Mx	.02	1.5
79	MP2C	X	123.425	5.5
80	MP2C	Z	71.259	5.5
81	MP2C	Mx	.02	5.5
82	MP1A	X	161.119	1.5
83	MP1A	Z	93.022	1.5
84	MP1A	Mx	-.081	1.5
85	MP1A	X	161.119	5.5
86	MP1A	Z	93.022	5.5
87	MP1A	Mx	-.081	5.5
88	MP1B	X	175.148	1.5
89	MP1B	Z	101.122	1.5
90	MP1B	Mx	0	1.5
91	MP1B	X	175.148	5.5
92	MP1B	Z	101.122	5.5
93	MP1B	Mx	0	5.5
94	MP1C	X	161.119	1.5
95	MP1C	Z	93.022	1.5
96	MP1C	Mx	.081	1.5
97	MP1C	X	161.119	5.5
98	MP1C	Z	93.022	5.5
99	MP1C	Mx	.081	5.5
100	MP4A	X	161.119	1.5
101	MP4A	Z	93.022	1.5
102	MP4A	Mx	-.081	1.5
103	MP4A	X	161.119	5.5
104	MP4A	Z	93.022	5.5
105	MP4A	Mx	-.081	5.5
106	MP4B	X	175.148	1.5
107	MP4B	Z	101.122	1.5
108	MP4B	Mx	0	1.5
109	MP4B	X	175.148	5.5
110	MP4B	Z	101.122	5.5
111	MP4B	Mx	0	5.5
112	MP4C	X	161.119	1.5
113	MP4C	Z	93.022	1.5
114	MP4C	Mx	.081	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	161.119	5.5
116	MP4C	Z	93.022	5.5
117	MP4C	Mx	.081	5.5
118	MP2A	X	16.726	6
119	MP2A	Z	9.657	6
120	MP2A	Mx	.008	6
121	MP2B	X	35.03	6
122	MP2B	Z	20.224	6
123	MP2B	Mx	0	6
124	MP2C	X	16.726	6
125	MP2C	Z	9.657	6
126	MP2C	Mx	-.008	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	34.524	2.5
2	MP3A	Z	59.797	2.5
3	MP3A	Mx	-.017	2.5
4	MP3A	X	34.524	4.5
5	MP3A	Z	59.797	4.5
6	MP3A	Mx	-.017	4.5
7	MP3B	X	34.524	2.5
8	MP3B	Z	59.797	2.5
9	MP3B	Mx	-.017	2.5
10	MP3B	X	34.524	4.5
11	MP3B	Z	59.797	4.5
12	MP3B	Mx	-.017	4.5
13	MP3C	X	14.22	2.5
14	MP3C	Z	24.63	2.5
15	MP3C	Mx	.014	2.5
16	MP3C	X	14.22	4.5
17	MP3C	Z	24.63	4.5
18	MP3C	Mx	.014	4.5
19	MP2A	X	7.194	.5
20	MP2A	Z	12.461	.5
21	MP2A	Mx	.004	.5
22	MP2B	X	7.194	.5
23	MP2B	Z	12.461	.5
24	MP2B	Mx	.004	.5
25	MP2C	X	5.393	.5
26	MP2C	Z	9.341	.5
27	MP2C	Mx	-.005	.5
28	MP2A	X	29.968	3.5
29	MP2A	Z	51.906	3.5
30	MP2A	Mx	.015	3.5
31	MP2B	X	29.968	3.5
32	MP2B	Z	51.906	3.5
33	MP2B	Mx	.015	3.5
34	MP2C	X	21.91	3.5
35	MP2C	Z	37.949	3.5
36	MP2C	Mx	-.022	3.5
37	MP3A	X	28.967	3.5
38	MP3A	Z	50.173	3.5
39	MP3A	Mx	.014	3.5
40	MP3B	X	28.967	3.5
41	MP3B	Z	50.173	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3B	Mx	.014	3.5
43	MP3C	X	17.907	3.5
44	MP3C	Z	31.016	3.5
45	MP3C	Mx	-.018	3.5
46	MP2A	X	87.727	1.5
47	MP2A	Z	151.947	1.5
48	MP2A	Mx	.045	1.5
49	MP2A	X	87.727	5.5
50	MP2A	Z	151.947	5.5
51	MP2A	Mx	.045	5.5
52	MP2B	X	87.727	1.5
53	MP2B	Z	151.947	1.5
54	MP2B	Mx	-.132	1.5
55	MP2B	X	87.727	5.5
56	MP2B	Z	151.947	5.5
57	MP2B	Mx	-.132	5.5
58	MP2C	X	63.026	1.5
59	MP2C	Z	109.163	1.5
60	MP2C	Mx	.063	1.5
61	MP2C	X	63.026	5.5
62	MP2C	Z	109.163	5.5
63	MP2C	Mx	.063	5.5
64	MP2A	X	87.727	1.5
65	MP2A	Z	151.947	1.5
66	MP2A	Mx	-.132	1.5
67	MP2A	X	87.727	5.5
68	MP2A	Z	151.947	5.5
69	MP2A	Mx	-.132	5.5
70	MP2B	X	87.727	1.5
71	MP2B	Z	151.947	1.5
72	MP2B	Mx	.045	1.5
73	MP2B	X	87.727	5.5
74	MP2B	Z	151.947	5.5
75	MP2B	Mx	.045	5.5
76	MP2C	X	63.026	1.5
77	MP2C	Z	109.163	1.5
78	MP2C	Mx	.063	1.5
79	MP2C	X	63.026	5.5
80	MP2C	Z	109.163	5.5
81	MP2C	Mx	.063	5.5
82	MP1A	X	98.422	1.5
83	MP1A	Z	170.472	1.5
84	MP1A	Mx	-.049	1.5
85	MP1A	X	98.422	5.5
86	MP1A	Z	170.472	5.5
87	MP1A	Mx	-.049	5.5
88	MP1B	X	98.422	1.5
89	MP1B	Z	170.472	1.5
90	MP1B	Mx	-.049	1.5
91	MP1B	X	98.422	5.5
92	MP1B	Z	170.472	5.5
93	MP1B	Mx	-.049	5.5
94	MP1C	X	90.322	1.5
95	MP1C	Z	156.443	1.5
96	MP1C	Mx	.09	1.5
97	MP1C	X	90.322	5.5
98	MP1C	Z	156.443	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
99	MP1C	Mx	.09	5.5
100	MP4A	X	98.422	1.5
101	MP4A	Z	170.472	1.5
102	MP4A	Mx	-.049	1.5
103	MP4A	X	98.422	5.5
104	MP4A	Z	170.472	5.5
105	MP4A	Mx	-.049	5.5
106	MP4B	X	98.422	1.5
107	MP4B	Z	170.472	1.5
108	MP4B	Mx	-.049	1.5
109	MP4B	X	98.422	5.5
110	MP4B	Z	170.472	5.5
111	MP4B	Mx	-.049	5.5
112	MP4C	X	90.322	1.5
113	MP4C	Z	156.443	1.5
114	MP4C	Mx	.09	1.5
115	MP4C	X	90.322	5.5
116	MP4C	Z	156.443	5.5
117	MP4C	Mx	.09	5.5
118	MP2A	X	16.702	6
119	MP2A	Z	28.928	6
120	MP2A	Mx	.008	6
121	MP2B	X	16.702	6
122	MP2B	Z	28.928	6
123	MP2B	Mx	.008	6
124	MP2C	X	6.134	6
125	MP2C	Z	10.625	6
126	MP2C	Mx	-.006	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.5
2	MP3A	Z	82.583	2.5
3	MP3A	Mx	0	2.5
4	MP3A	X	0	4.5
5	MP3A	Z	82.583	4.5
6	MP3A	Mx	0	4.5
7	MP3B	X	0	2.5
8	MP3B	Z	41.976	2.5
9	MP3B	Mx	-.018	2.5
10	MP3B	X	0	4.5
11	MP3B	Z	41.976	4.5
12	MP3B	Mx	-.018	4.5
13	MP3C	X	0	2.5
14	MP3C	Z	41.976	2.5
15	MP3C	Mx	.018	2.5
16	MP3C	X	0	4.5
17	MP3C	Z	41.976	4.5
18	MP3C	Mx	.018	4.5
19	MP2A	X	0	.5
20	MP2A	Z	15.59	.5
21	MP2A	Mx	0	.5
22	MP2B	X	0	.5
23	MP2B	Z	11.987	.5
24	MP2B	Mx	.005	.5
25	MP2C	X	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP2C	Z	11.987	.5
27	MP2C	Mx	-.005	.5
28	MP2A	X	0	3.5
29	MP2A	Z	65.308	3.5
30	MP2A	Mx	0	3.5
31	MP2B	X	0	3.5
32	MP2B	Z	49.192	3.5
33	MP2B	Mx	.021	3.5
34	MP2C	X	0	3.5
35	MP2C	Z	49.192	3.5
36	MP2C	Mx	-.021	3.5
37	MP3A	X	0	3.5
38	MP3A	Z	65.308	3.5
39	MP3A	Mx	0	3.5
40	MP3B	X	0	3.5
41	MP3B	Z	43.187	3.5
42	MP3B	Mx	.019	3.5
43	MP3C	X	0	3.5
44	MP3C	Z	43.187	3.5
45	MP3C	Mx	-.019	3.5
46	MP2A	X	0	1.5
47	MP2A	Z	191.921	1.5
48	MP2A	Mx	.112	1.5
49	MP2A	X	0	5.5
50	MP2A	Z	191.921	5.5
51	MP2A	Mx	.112	5.5
52	MP2B	X	0	1.5
53	MP2B	Z	142.518	1.5
54	MP2B	Mx	-.103	1.5
55	MP2B	X	0	5.5
56	MP2B	Z	142.518	5.5
57	MP2B	Mx	-.103	5.5
58	MP2C	X	0	1.5
59	MP2C	Z	142.518	1.5
60	MP2C	Mx	.02	1.5
61	MP2C	X	0	5.5
62	MP2C	Z	142.518	5.5
63	MP2C	Mx	.02	5.5
64	MP2A	X	0	1.5
65	MP2A	Z	191.921	1.5
66	MP2A	Mx	-.112	1.5
67	MP2A	X	0	5.5
68	MP2A	Z	191.921	5.5
69	MP2A	Mx	-.112	5.5
70	MP2B	X	0	1.5
71	MP2B	Z	142.518	1.5
72	MP2B	Mx	-.02	1.5
73	MP2B	X	0	5.5
74	MP2B	Z	142.518	5.5
75	MP2B	Mx	-.02	5.5
76	MP2C	X	0	1.5
77	MP2C	Z	142.518	1.5
78	MP2C	Mx	.103	1.5
79	MP2C	X	0	5.5
80	MP2C	Z	142.518	5.5
81	MP2C	Mx	.103	5.5
82	MP1A	X	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP1A	Z	202.243	1.5
84	MP1A	Mx	0	1.5
85	MP1A	X	0	5.5
86	MP1A	Z	202.243	5.5
87	MP1A	Mx	0	5.5
88	MP1B	X	0	1.5
89	MP1B	Z	186.044	1.5
90	MP1B	Mx	-.081	1.5
91	MP1B	X	0	5.5
92	MP1B	Z	186.044	5.5
93	MP1B	Mx	-.081	5.5
94	MP1C	X	0	1.5
95	MP1C	Z	186.044	1.5
96	MP1C	Mx	.081	1.5
97	MP1C	X	0	5.5
98	MP1C	Z	186.044	5.5
99	MP1C	Mx	.081	5.5
100	MP4A	X	0	1.5
101	MP4A	Z	202.243	1.5
102	MP4A	Mx	0	1.5
103	MP4A	X	0	5.5
104	MP4A	Z	202.243	5.5
105	MP4A	Mx	0	5.5
106	MP4B	X	0	1.5
107	MP4B	Z	186.044	1.5
108	MP4B	Mx	-.081	1.5
109	MP4B	X	0	5.5
110	MP4B	Z	186.044	5.5
111	MP4B	Mx	-.081	5.5
112	MP4C	X	0	1.5
113	MP4C	Z	186.044	1.5
114	MP4C	Mx	.081	1.5
115	MP4C	X	0	5.5
116	MP4C	Z	186.044	5.5
117	MP4C	Mx	.081	5.5
118	MP2A	X	0	6
119	MP2A	Z	40.449	6
120	MP2A	Mx	0	6
121	MP2B	X	0	6
122	MP2B	Z	19.313	6
123	MP2B	Mx	.008	6
124	MP2C	X	0	6
125	MP2C	Z	19.313	6
126	MP2C	Mx	-.008	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-34.524	2.5
2	MP3A	Z	59.797	2.5
3	MP3A	Mx	.017	2.5
4	MP3A	X	-34.524	4.5
5	MP3A	Z	59.797	4.5
6	MP3A	Mx	.017	4.5
7	MP3B	X	-14.22	2.5
8	MP3B	Z	24.63	2.5
9	MP3B	Mx	-.014	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP3B	X	-14.22	4.5
11	MP3B	Z	24.63	4.5
12	MP3B	Mx	-.014	4.5
13	MP3C	X	-34.524	2.5
14	MP3C	Z	59.797	2.5
15	MP3C	Mx	.017	2.5
16	MP3C	X	-34.524	4.5
17	MP3C	Z	59.797	4.5
18	MP3C	Mx	.017	4.5
19	MP2A	X	-7.194	.5
20	MP2A	Z	12.461	.5
21	MP2A	Mx	-.004	.5
22	MP2B	X	-5.393	.5
23	MP2B	Z	9.341	.5
24	MP2B	Mx	.005	.5
25	MP2C	X	-7.194	.5
26	MP2C	Z	12.461	.5
27	MP2C	Mx	-.004	.5
28	MP2A	X	-29.968	3.5
29	MP2A	Z	51.906	3.5
30	MP2A	Mx	-.015	3.5
31	MP2B	X	-21.91	3.5
32	MP2B	Z	37.949	3.5
33	MP2B	Mx	.022	3.5
34	MP2C	X	-29.968	3.5
35	MP2C	Z	51.906	3.5
36	MP2C	Mx	-.015	3.5
37	MP3A	X	-28.967	3.5
38	MP3A	Z	50.173	3.5
39	MP3A	Mx	-.014	3.5
40	MP3B	X	-17.907	3.5
41	MP3B	Z	31.016	3.5
42	MP3B	Mx	.018	3.5
43	MP3C	X	-28.967	3.5
44	MP3C	Z	50.173	3.5
45	MP3C	Mx	-.014	3.5
46	MP2A	X	-87.727	1.5
47	MP2A	Z	151.947	1.5
48	MP2A	Mx	.132	1.5
49	MP2A	X	-87.727	5.5
50	MP2A	Z	151.947	5.5
51	MP2A	Mx	.132	5.5
52	MP2B	X	-63.026	1.5
53	MP2B	Z	109.163	1.5
54	MP2B	Mx	-.063	1.5
55	MP2B	X	-63.026	5.5
56	MP2B	Z	109.163	5.5
57	MP2B	Mx	-.063	5.5
58	MP2C	X	-87.727	1.5
59	MP2C	Z	151.947	1.5
60	MP2C	Mx	-.045	1.5
61	MP2C	X	-87.727	5.5
62	MP2C	Z	151.947	5.5
63	MP2C	Mx	-.045	5.5
64	MP2A	X	-87.727	1.5
65	MP2A	Z	151.947	1.5
66	MP2A	Mx	-.045	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP2A	X	-87.727	5.5
68	MP2A	Z	151.947	5.5
69	MP2A	Mx	-.045	5.5
70	MP2B	X	-63.026	1.5
71	MP2B	Z	109.163	1.5
72	MP2B	Mx	-.063	1.5
73	MP2B	X	-63.026	5.5
74	MP2B	Z	109.163	5.5
75	MP2B	Mx	-.063	5.5
76	MP2C	X	-87.727	1.5
77	MP2C	Z	151.947	1.5
78	MP2C	Mx	.132	1.5
79	MP2C	X	-87.727	5.5
80	MP2C	Z	151.947	5.5
81	MP2C	Mx	.132	5.5
82	MP1A	X	-98.422	1.5
83	MP1A	Z	170.472	1.5
84	MP1A	Mx	.049	1.5
85	MP1A	X	-98.422	5.5
86	MP1A	Z	170.472	5.5
87	MP1A	Mx	.049	5.5
88	MP1B	X	-90.322	1.5
89	MP1B	Z	156.443	1.5
90	MP1B	Mx	-.09	1.5
91	MP1B	X	-90.322	5.5
92	MP1B	Z	156.443	5.5
93	MP1B	Mx	-.09	5.5
94	MP1C	X	-98.422	1.5
95	MP1C	Z	170.472	1.5
96	MP1C	Mx	.049	1.5
97	MP1C	X	-98.422	5.5
98	MP1C	Z	170.472	5.5
99	MP1C	Mx	.049	5.5
100	MP4A	X	-98.422	1.5
101	MP4A	Z	170.472	1.5
102	MP4A	Mx	.049	1.5
103	MP4A	X	-98.422	5.5
104	MP4A	Z	170.472	5.5
105	MP4A	Mx	.049	5.5
106	MP4B	X	-90.322	1.5
107	MP4B	Z	156.443	1.5
108	MP4B	Mx	-.09	1.5
109	MP4B	X	-90.322	5.5
110	MP4B	Z	156.443	5.5
111	MP4B	Mx	-.09	5.5
112	MP4C	X	-98.422	1.5
113	MP4C	Z	170.472	1.5
114	MP4C	Mx	.049	1.5
115	MP4C	X	-98.422	5.5
116	MP4C	Z	170.472	5.5
117	MP4C	Mx	.049	5.5
118	MP2A	X	-16.702	6
119	MP2A	Z	28.928	6
120	MP2A	Mx	-.008	6
121	MP2B	X	-6.134	6
122	MP2B	Z	10.625	6
123	MP2B	Mx	.006	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
124	MP2C	X	-16.702	6
125	MP2C	Z	28.928	6
126	MP2C	Mx	-.008	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-36.352	2.5
2	MP3A	Z	20.988	2.5
3	MP3A	Mx	.018	2.5
4	MP3A	X	-36.352	4.5
5	MP3A	Z	20.988	4.5
6	MP3A	Mx	.018	4.5
7	MP3B	X	-36.352	2.5
8	MP3B	Z	20.988	2.5
9	MP3B	Mx	-.018	2.5
10	MP3B	X	-36.352	4.5
11	MP3B	Z	20.988	4.5
12	MP3B	Mx	-.018	4.5
13	MP3C	X	-71.519	2.5
14	MP3C	Z	41.291	2.5
15	MP3C	Mx	0	2.5
16	MP3C	X	-71.519	4.5
17	MP3C	Z	41.291	4.5
18	MP3C	Mx	0	4.5
19	MP2A	X	-10.381	.5
20	MP2A	Z	5.994	.5
21	MP2A	Mx	-.005	.5
22	MP2B	X	-10.381	.5
23	MP2B	Z	5.994	.5
24	MP2B	Mx	.005	.5
25	MP2C	X	-13.501	.5
26	MP2C	Z	7.795	.5
27	MP2C	Mx	0	.5
28	MP2A	X	-42.601	3.5
29	MP2A	Z	24.596	3.5
30	MP2A	Mx	-.021	3.5
31	MP2B	X	-42.601	3.5
32	MP2B	Z	24.596	3.5
33	MP2B	Mx	.021	3.5
34	MP2C	X	-56.558	3.5
35	MP2C	Z	32.654	3.5
36	MP2C	Mx	0	3.5
37	MP3A	X	-37.401	3.5
38	MP3A	Z	21.594	3.5
39	MP3A	Mx	-.019	3.5
40	MP3B	X	-37.401	3.5
41	MP3B	Z	21.594	3.5
42	MP3B	Mx	.019	3.5
43	MP3C	X	-56.558	3.5
44	MP3C	Z	32.654	3.5
45	MP3C	Mx	0	3.5
46	MP2A	X	-123.425	1.5
47	MP2A	Z	71.259	1.5
48	MP2A	Mx	.103	1.5
49	MP2A	X	-123.425	5.5
50	MP2A	Z	71.259	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP2A	Mx	.103	5.5
52	MP2B	X	-123.425	1.5
53	MP2B	Z	71.259	1.5
54	MP2B	Mx	-.02	1.5
55	MP2B	X	-123.425	5.5
56	MP2B	Z	71.259	5.5
57	MP2B	Mx	-.02	5.5
58	MP2C	X	-166.208	1.5
59	MP2C	Z	95.96	1.5
60	MP2C	Mx	-.112	1.5
61	MP2C	X	-166.208	5.5
62	MP2C	Z	95.96	5.5
63	MP2C	Mx	-.112	5.5
64	MP2A	X	-123.425	1.5
65	MP2A	Z	71.259	1.5
66	MP2A	Mx	.02	1.5
67	MP2A	X	-123.425	5.5
68	MP2A	Z	71.259	5.5
69	MP2A	Mx	.02	5.5
70	MP2B	X	-123.425	1.5
71	MP2B	Z	71.259	1.5
72	MP2B	Mx	-.103	1.5
73	MP2B	X	-123.425	5.5
74	MP2B	Z	71.259	5.5
75	MP2B	Mx	-.103	5.5
76	MP2C	X	-166.208	1.5
77	MP2C	Z	95.96	1.5
78	MP2C	Mx	.112	1.5
79	MP2C	X	-166.208	5.5
80	MP2C	Z	95.96	5.5
81	MP2C	Mx	.112	5.5
82	MP1A	X	-161.119	1.5
83	MP1A	Z	93.022	1.5
84	MP1A	Mx	.081	1.5
85	MP1A	X	-161.119	5.5
86	MP1A	Z	93.022	5.5
87	MP1A	Mx	.081	5.5
88	MP1B	X	-161.119	1.5
89	MP1B	Z	93.022	1.5
90	MP1B	Mx	-.081	1.5
91	MP1B	X	-161.119	5.5
92	MP1B	Z	93.022	5.5
93	MP1B	Mx	-.081	5.5
94	MP1C	X	-175.148	1.5
95	MP1C	Z	101.122	1.5
96	MP1C	Mx	0	1.5
97	MP1C	X	-175.148	5.5
98	MP1C	Z	101.122	5.5
99	MP1C	Mx	0	5.5
100	MP4A	X	-161.119	1.5
101	MP4A	Z	93.022	1.5
102	MP4A	Mx	.081	1.5
103	MP4A	X	-161.119	5.5
104	MP4A	Z	93.022	5.5
105	MP4A	Mx	.081	5.5
106	MP4B	X	-161.119	1.5
107	MP4B	Z	93.022	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP4B	Mx	-.081	1.5
109	MP4B	X	-161.119	5.5
110	MP4B	Z	93.022	5.5
111	MP4B	Mx	-.081	5.5
112	MP4C	X	-175.148	1.5
113	MP4C	Z	101.122	1.5
114	MP4C	Mx	0	1.5
115	MP4C	X	-175.148	5.5
116	MP4C	Z	101.122	5.5
117	MP4C	Mx	0	5.5
118	MP2A	X	-16.726	6
119	MP2A	Z	9.657	6
120	MP2A	Mx	-.008	6
121	MP2B	X	-16.726	6
122	MP2B	Z	9.657	6
123	MP2B	Mx	.008	6
124	MP2C	X	-35.03	6
125	MP2C	Z	20.224	6
126	MP2C	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-28.44	2.5
2	MP3A	Z	0	2.5
3	MP3A	Mx	.014	2.5
4	MP3A	X	-28.44	4.5
5	MP3A	Z	0	4.5
6	MP3A	Mx	.014	4.5
7	MP3B	X	-69.047	2.5
8	MP3B	Z	0	2.5
9	MP3B	Mx	-.017	2.5
10	MP3B	X	-69.047	4.5
11	MP3B	Z	0	4.5
12	MP3B	Mx	-.017	4.5
13	MP3C	X	-69.047	2.5
14	MP3C	Z	0	2.5
15	MP3C	Mx	-.017	2.5
16	MP3C	X	-69.047	4.5
17	MP3C	Z	0	4.5
18	MP3C	Mx	-.017	4.5
19	MP2A	X	-10.786	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.005	.5
22	MP2B	X	-14.389	.5
23	MP2B	Z	0	.5
24	MP2B	Mx	.004	.5
25	MP2C	X	-14.389	.5
26	MP2C	Z	0	.5
27	MP2C	Mx	.004	.5
28	MP2A	X	-43.819	3.5
29	MP2A	Z	0	3.5
30	MP2A	Mx	-.022	3.5
31	MP2B	X	-59.936	3.5
32	MP2B	Z	0	3.5
33	MP2B	Mx	.015	3.5
34	MP2C	X	-59.936	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	0	3.5
36	MP2C	Mx	.015	3.5
37	MP3A	X	-35.814	3.5
38	MP3A	Z	0	3.5
39	MP3A	Mx	-.018	3.5
40	MP3B	X	-57.934	3.5
41	MP3B	Z	0	3.5
42	MP3B	Mx	.014	3.5
43	MP3C	X	-57.934	3.5
44	MP3C	Z	0	3.5
45	MP3C	Mx	.014	3.5
46	MP2A	X	-126.051	1.5
47	MP2A	Z	0	1.5
48	MP2A	Mx	.063	1.5
49	MP2A	X	-126.051	5.5
50	MP2A	Z	0	5.5
51	MP2A	Mx	.063	5.5
52	MP2B	X	-175.453	1.5
53	MP2B	Z	0	1.5
54	MP2B	Mx	.045	1.5
55	MP2B	X	-175.453	5.5
56	MP2B	Z	0	5.5
57	MP2B	Mx	.045	5.5
58	MP2C	X	-175.453	1.5
59	MP2C	Z	0	1.5
60	MP2C	Mx	-.132	1.5
61	MP2C	X	-175.453	5.5
62	MP2C	Z	0	5.5
63	MP2C	Mx	-.132	5.5
64	MP2A	X	-126.051	1.5
65	MP2A	Z	0	1.5
66	MP2A	Mx	.063	1.5
67	MP2A	X	-126.051	5.5
68	MP2A	Z	0	5.5
69	MP2A	Mx	.063	5.5
70	MP2B	X	-175.453	1.5
71	MP2B	Z	0	1.5
72	MP2B	Mx	-.132	1.5
73	MP2B	X	-175.453	5.5
74	MP2B	Z	0	5.5
75	MP2B	Mx	-.132	5.5
76	MP2C	X	-175.453	1.5
77	MP2C	Z	0	1.5
78	MP2C	Mx	.045	1.5
79	MP2C	X	-175.453	5.5
80	MP2C	Z	0	5.5
81	MP2C	Mx	.045	5.5
82	MP1A	X	-180.644	1.5
83	MP1A	Z	0	1.5
84	MP1A	Mx	.09	1.5
85	MP1A	X	-180.644	5.5
86	MP1A	Z	0	5.5
87	MP1A	Mx	.09	5.5
88	MP1B	X	-196.844	1.5
89	MP1B	Z	0	1.5
90	MP1B	Mx	-.049	1.5
91	MP1B	X	-196.844	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP1B	Z	0	5.5
93	MP1B	Mx	-.049	5.5
94	MP1C	X	-196.844	1.5
95	MP1C	Z	0	1.5
96	MP1C	Mx	-.049	1.5
97	MP1C	X	-196.844	5.5
98	MP1C	Z	0	5.5
99	MP1C	Mx	-.049	5.5
100	MP4A	X	-180.644	1.5
101	MP4A	Z	0	1.5
102	MP4A	Mx	.09	1.5
103	MP4A	X	-180.644	5.5
104	MP4A	Z	0	5.5
105	MP4A	Mx	.09	5.5
106	MP4B	X	-196.844	1.5
107	MP4B	Z	0	1.5
108	MP4B	Mx	-.049	1.5
109	MP4B	X	-196.844	5.5
110	MP4B	Z	0	5.5
111	MP4B	Mx	-.049	5.5
112	MP4C	X	-196.844	1.5
113	MP4C	Z	0	1.5
114	MP4C	Mx	-.049	1.5
115	MP4C	X	-196.844	5.5
116	MP4C	Z	0	5.5
117	MP4C	Mx	-.049	5.5
118	MP2A	X	-12.268	6
119	MP2A	Z	0	6
120	MP2A	Mx	-.006	6
121	MP2B	X	-33.404	6
122	MP2B	Z	0	6
123	MP2B	Mx	.008	6
124	MP2C	X	-33.404	6
125	MP2C	Z	0	6
126	MP2C	Mx	.008	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-36.352	2.5
2	MP3A	Z	-20.988	2.5
3	MP3A	Mx	.018	2.5
4	MP3A	X	-36.352	4.5
5	MP3A	Z	-20.988	4.5
6	MP3A	Mx	.018	4.5
7	MP3B	X	-71.519	2.5
8	MP3B	Z	-41.291	2.5
9	MP3B	Mx	0	2.5
10	MP3B	X	-71.519	4.5
11	MP3B	Z	-41.291	4.5
12	MP3B	Mx	0	4.5
13	MP3C	X	-36.352	2.5
14	MP3C	Z	-20.988	2.5
15	MP3C	Mx	-.018	2.5
16	MP3C	X	-36.352	4.5
17	MP3C	Z	-20.988	4.5
18	MP3C	Mx	-.018	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP2A	X	-10.381	.5
20	MP2A	Z	-5.994	.5
21	MP2A	Mx	-.005	.5
22	MP2B	X	-13.501	.5
23	MP2B	Z	-7.795	.5
24	MP2B	Mx	0	.5
25	MP2C	X	-10.381	.5
26	MP2C	Z	-5.994	.5
27	MP2C	Mx	.005	.5
28	MP2A	X	-42.601	3.5
29	MP2A	Z	-24.596	3.5
30	MP2A	Mx	-.021	3.5
31	MP2B	X	-56.558	3.5
32	MP2B	Z	-32.654	3.5
33	MP2B	Mx	0	3.5
34	MP2C	X	-42.601	3.5
35	MP2C	Z	-24.596	3.5
36	MP2C	Mx	.021	3.5
37	MP3A	X	-37.401	3.5
38	MP3A	Z	-21.594	3.5
39	MP3A	Mx	-.019	3.5
40	MP3B	X	-56.558	3.5
41	MP3B	Z	-32.654	3.5
42	MP3B	Mx	0	3.5
43	MP3C	X	-37.401	3.5
44	MP3C	Z	-21.594	3.5
45	MP3C	Mx	.019	3.5
46	MP2A	X	-123.425	1.5
47	MP2A	Z	-71.259	1.5
48	MP2A	Mx	.02	1.5
49	MP2A	X	-123.425	5.5
50	MP2A	Z	-71.259	5.5
51	MP2A	Mx	.02	5.5
52	MP2B	X	-166.208	1.5
53	MP2B	Z	-95.96	1.5
54	MP2B	Mx	.112	1.5
55	MP2B	X	-166.208	5.5
56	MP2B	Z	-95.96	5.5
57	MP2B	Mx	.112	5.5
58	MP2C	X	-123.425	1.5
59	MP2C	Z	-71.259	1.5
60	MP2C	Mx	-.103	1.5
61	MP2C	X	-123.425	5.5
62	MP2C	Z	-71.259	5.5
63	MP2C	Mx	-.103	5.5
64	MP2A	X	-123.425	1.5
65	MP2A	Z	-71.259	1.5
66	MP2A	Mx	.103	1.5
67	MP2A	X	-123.425	5.5
68	MP2A	Z	-71.259	5.5
69	MP2A	Mx	.103	5.5
70	MP2B	X	-166.208	1.5
71	MP2B	Z	-95.96	1.5
72	MP2B	Mx	-.112	1.5
73	MP2B	X	-166.208	5.5
74	MP2B	Z	-95.96	5.5
75	MP2B	Mx	-.112	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP2C	X	-123.425	1.5
77	MP2C	Z	-71.259	1.5
78	MP2C	Mx	-.02	1.5
79	MP2C	X	-123.425	5.5
80	MP2C	Z	-71.259	5.5
81	MP2C	Mx	-.02	5.5
82	MP1A	X	-161.119	1.5
83	MP1A	Z	-93.022	1.5
84	MP1A	Mx	.081	1.5
85	MP1A	X	-161.119	5.5
86	MP1A	Z	-93.022	5.5
87	MP1A	Mx	.081	5.5
88	MP1B	X	-175.148	1.5
89	MP1B	Z	-101.122	1.5
90	MP1B	Mx	0	1.5
91	MP1B	X	-175.148	5.5
92	MP1B	Z	-101.122	5.5
93	MP1B	Mx	0	5.5
94	MP1C	X	-161.119	1.5
95	MP1C	Z	-93.022	1.5
96	MP1C	Mx	-.081	1.5
97	MP1C	X	-161.119	5.5
98	MP1C	Z	-93.022	5.5
99	MP1C	Mx	-.081	5.5
100	MP4A	X	-161.119	1.5
101	MP4A	Z	-93.022	1.5
102	MP4A	Mx	.081	1.5
103	MP4A	X	-161.119	5.5
104	MP4A	Z	-93.022	5.5
105	MP4A	Mx	.081	5.5
106	MP4B	X	-175.148	1.5
107	MP4B	Z	-101.122	1.5
108	MP4B	Mx	0	1.5
109	MP4B	X	-175.148	5.5
110	MP4B	Z	-101.122	5.5
111	MP4B	Mx	0	5.5
112	MP4C	X	-161.119	1.5
113	MP4C	Z	-93.022	1.5
114	MP4C	Mx	-.081	1.5
115	MP4C	X	-161.119	5.5
116	MP4C	Z	-93.022	5.5
117	MP4C	Mx	-.081	5.5
118	MP2A	X	-16.726	6
119	MP2A	Z	-9.657	6
120	MP2A	Mx	-.008	6
121	MP2B	X	-35.03	6
122	MP2B	Z	-20.224	6
123	MP2B	Mx	0	6
124	MP2C	X	-16.726	6
125	MP2C	Z	-9.657	6
126	MP2C	Mx	.008	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-34.524	2.5
2	MP3A	Z	-59.797	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP3A	Mx	.017	2.5
4	MP3A	X	-34.524	4.5
5	MP3A	Z	-59.797	4.5
6	MP3A	Mx	.017	4.5
7	MP3B	X	-34.524	2.5
8	MP3B	Z	-59.797	2.5
9	MP3B	Mx	.017	2.5
10	MP3B	X	-34.524	4.5
11	MP3B	Z	-59.797	4.5
12	MP3B	Mx	.017	4.5
13	MP3C	X	-14.22	2.5
14	MP3C	Z	-24.63	2.5
15	MP3C	Mx	-.014	2.5
16	MP3C	X	-14.22	4.5
17	MP3C	Z	-24.63	4.5
18	MP3C	Mx	-.014	4.5
19	MP2A	X	-7.194	.5
20	MP2A	Z	-12.461	.5
21	MP2A	Mx	-.004	.5
22	MP2B	X	-7.194	.5
23	MP2B	Z	-12.461	.5
24	MP2B	Mx	-.004	.5
25	MP2C	X	-5.393	.5
26	MP2C	Z	-9.341	.5
27	MP2C	Mx	.005	.5
28	MP2A	X	-29.968	3.5
29	MP2A	Z	-51.906	3.5
30	MP2A	Mx	-.015	3.5
31	MP2B	X	-29.968	3.5
32	MP2B	Z	-51.906	3.5
33	MP2B	Mx	-.015	3.5
34	MP2C	X	-21.91	3.5
35	MP2C	Z	-37.949	3.5
36	MP2C	Mx	.022	3.5
37	MP3A	X	-28.967	3.5
38	MP3A	Z	-50.173	3.5
39	MP3A	Mx	-.014	3.5
40	MP3B	X	-28.967	3.5
41	MP3B	Z	-50.173	3.5
42	MP3B	Mx	-.014	3.5
43	MP3C	X	-17.907	3.5
44	MP3C	Z	-31.016	3.5
45	MP3C	Mx	.018	3.5
46	MP2A	X	-87.727	1.5
47	MP2A	Z	-151.947	1.5
48	MP2A	Mx	-.045	1.5
49	MP2A	X	-87.727	5.5
50	MP2A	Z	-151.947	5.5
51	MP2A	Mx	-.045	5.5
52	MP2B	X	-87.727	1.5
53	MP2B	Z	-151.947	1.5
54	MP2B	Mx	.132	1.5
55	MP2B	X	-87.727	5.5
56	MP2B	Z	-151.947	5.5
57	MP2B	Mx	.132	5.5
58	MP2C	X	-63.026	1.5
59	MP2C	Z	-109.163	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP2C	Mx	-.063	1.5
61	MP2C	X	-63.026	5.5
62	MP2C	Z	-109.163	5.5
63	MP2C	Mx	-.063	5.5
64	MP2A	X	-87.727	1.5
65	MP2A	Z	-151.947	1.5
66	MP2A	Mx	.132	1.5
67	MP2A	X	-87.727	5.5
68	MP2A	Z	-151.947	5.5
69	MP2A	Mx	.132	5.5
70	MP2B	X	-87.727	1.5
71	MP2B	Z	-151.947	1.5
72	MP2B	Mx	-.045	1.5
73	MP2B	X	-87.727	5.5
74	MP2B	Z	-151.947	5.5
75	MP2B	Mx	-.045	5.5
76	MP2C	X	-63.026	1.5
77	MP2C	Z	-109.163	1.5
78	MP2C	Mx	-.063	1.5
79	MP2C	X	-63.026	5.5
80	MP2C	Z	-109.163	5.5
81	MP2C	Mx	-.063	5.5
82	MP1A	X	-98.422	1.5
83	MP1A	Z	-170.472	1.5
84	MP1A	Mx	.049	1.5
85	MP1A	X	-98.422	5.5
86	MP1A	Z	-170.472	5.5
87	MP1A	Mx	.049	5.5
88	MP1B	X	-98.422	1.5
89	MP1B	Z	-170.472	1.5
90	MP1B	Mx	.049	1.5
91	MP1B	X	-98.422	5.5
92	MP1B	Z	-170.472	5.5
93	MP1B	Mx	.049	5.5
94	MP1C	X	-90.322	1.5
95	MP1C	Z	-156.443	1.5
96	MP1C	Mx	-.09	1.5
97	MP1C	X	-90.322	5.5
98	MP1C	Z	-156.443	5.5
99	MP1C	Mx	-.09	5.5
100	MP4A	X	-98.422	1.5
101	MP4A	Z	-170.472	1.5
102	MP4A	Mx	.049	1.5
103	MP4A	X	-98.422	5.5
104	MP4A	Z	-170.472	5.5
105	MP4A	Mx	.049	5.5
106	MP4B	X	-98.422	1.5
107	MP4B	Z	-170.472	1.5
108	MP4B	Mx	.049	1.5
109	MP4B	X	-98.422	5.5
110	MP4B	Z	-170.472	5.5
111	MP4B	Mx	.049	5.5
112	MP4C	X	-90.322	1.5
113	MP4C	Z	-156.443	1.5
114	MP4C	Mx	-.09	1.5
115	MP4C	X	-90.322	5.5
116	MP4C	Z	-156.443	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
117	MP4C	Mx	-.09	5.5
118	MP2A	X	-16.702	6
119	MP2A	Z	-28.928	6
120	MP2A	Mx	-.008	6
121	MP2B	X	-16.702	6
122	MP2B	Z	-28.928	6
123	MP2B	Mx	-.008	6
124	MP2C	X	-6.134	6
125	MP2C	Z	-10.625	6
126	MP2C	Mx	.006	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.5
2	MP3A	Z	-19.431	2.5
3	MP3A	Mx	0	2.5
4	MP3A	X	0	4.5
5	MP3A	Z	-19.431	4.5
6	MP3A	Mx	0	4.5
7	MP3B	X	0	2.5
8	MP3B	Z	-11.068	2.5
9	MP3B	Mx	.005	2.5
10	MP3B	X	0	4.5
11	MP3B	Z	-11.068	4.5
12	MP3B	Mx	.005	4.5
13	MP3C	X	0	2.5
14	MP3C	Z	-11.068	2.5
15	MP3C	Mx	-.005	2.5
16	MP3C	X	0	4.5
17	MP3C	Z	-11.068	4.5
18	MP3C	Mx	-.005	4.5
19	MP2A	X	0	.5
20	MP2A	Z	-3.98	.5
21	MP2A	Mx	0	.5
22	MP2B	X	0	.5
23	MP2B	Z	-3.236	.5
24	MP2B	Mx	-.001	.5
25	MP2C	X	0	.5
26	MP2C	Z	-3.236	.5
27	MP2C	Mx	.001	.5
28	MP2A	X	0	3.5
29	MP2A	Z	-16.382	3.5
30	MP2A	Mx	0	3.5
31	MP2B	X	0	3.5
32	MP2B	Z	-12.643	3.5
33	MP2B	Mx	-.005	3.5
34	MP2C	X	0	3.5
35	MP2C	Z	-12.643	3.5
36	MP2C	Mx	.005	3.5
37	MP3A	X	0	3.5
38	MP3A	Z	-16.382	3.5
39	MP3A	Mx	0	3.5
40	MP3B	X	0	3.5
41	MP3B	Z	-11.223	3.5
42	MP3B	Mx	-.005	3.5
43	MP3C	X	0	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3C	Z	-11.223	3.5
45	MP3C	Mx	.005	3.5
46	MP2A	X	0	1.5
47	MP2A	Z	-36.529	1.5
48	MP2A	Mx	-.021	1.5
49	MP2A	X	0	5.5
50	MP2A	Z	-36.529	5.5
51	MP2A	Mx	-.021	5.5
52	MP2B	X	0	1.5
53	MP2B	Z	-27.825	1.5
54	MP2B	Mx	.02	1.5
55	MP2B	X	0	5.5
56	MP2B	Z	-27.825	5.5
57	MP2B	Mx	.02	5.5
58	MP2C	X	0	1.5
59	MP2C	Z	-27.825	1.5
60	MP2C	Mx	-.004	1.5
61	MP2C	X	0	5.5
62	MP2C	Z	-27.825	5.5
63	MP2C	Mx	-.004	5.5
64	MP2A	X	0	1.5
65	MP2A	Z	-36.529	1.5
66	MP2A	Mx	.021	1.5
67	MP2A	X	0	5.5
68	MP2A	Z	-36.529	5.5
69	MP2A	Mx	.021	5.5
70	MP2B	X	0	1.5
71	MP2B	Z	-27.825	1.5
72	MP2B	Mx	.004	1.5
73	MP2B	X	0	5.5
74	MP2B	Z	-27.825	5.5
75	MP2B	Mx	.004	5.5
76	MP2C	X	0	1.5
77	MP2C	Z	-27.825	1.5
78	MP2C	Mx	-.02	1.5
79	MP2C	X	0	5.5
80	MP2C	Z	-27.825	5.5
81	MP2C	Mx	-.02	5.5
82	MP1A	X	0	1.5
83	MP1A	Z	-38.327	1.5
84	MP1A	Mx	0	1.5
85	MP1A	X	0	5.5
86	MP1A	Z	-38.327	5.5
87	MP1A	Mx	0	5.5
88	MP1B	X	0	1.5
89	MP1B	Z	-35.442	1.5
90	MP1B	Mx	.015	1.5
91	MP1B	X	0	5.5
92	MP1B	Z	-35.442	5.5
93	MP1B	Mx	.015	5.5
94	MP1C	X	0	1.5
95	MP1C	Z	-35.442	1.5
96	MP1C	Mx	-.015	1.5
97	MP1C	X	0	5.5
98	MP1C	Z	-35.442	5.5
99	MP1C	Mx	-.015	5.5
100	MP4A	X	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP4A	Z	-38.327	1.5
102	MP4A	Mx	0	1.5
103	MP4A	X	0	5.5
104	MP4A	Z	-38.327	5.5
105	MP4A	Mx	0	5.5
106	MP4B	X	0	1.5
107	MP4B	Z	-35.442	1.5
108	MP4B	Mx	.015	1.5
109	MP4B	X	0	5.5
110	MP4B	Z	-35.442	5.5
111	MP4B	Mx	.015	5.5
112	MP4C	X	0	1.5
113	MP4C	Z	-35.442	1.5
114	MP4C	Mx	-.015	1.5
115	MP4C	X	0	5.5
116	MP4C	Z	-35.442	5.5
117	MP4C	Mx	-.015	5.5
118	MP2A	X	0	6
119	MP2A	Z	-9.008	6
120	MP2A	Mx	0	6
121	MP2B	X	0	6
122	MP2B	Z	-4.8	6
123	MP2B	Mx	-.002	6
124	MP2C	X	0	6
125	MP2C	Z	-4.8	6
126	MP2C	Mx	.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	8.322	2.5
2	MP3A	Z	-14.414	2.5
3	MP3A	Mx	-.004	2.5
4	MP3A	X	8.322	4.5
5	MP3A	Z	-14.414	4.5
6	MP3A	Mx	-.004	4.5
7	MP3B	X	4.14	2.5
8	MP3B	Z	-7.171	2.5
9	MP3B	Mx	.004	2.5
10	MP3B	X	4.14	4.5
11	MP3B	Z	-7.171	4.5
12	MP3B	Mx	.004	4.5
13	MP3C	X	8.322	2.5
14	MP3C	Z	-14.414	2.5
15	MP3C	Mx	-.004	2.5
16	MP3C	X	8.322	4.5
17	MP3C	Z	-14.414	4.5
18	MP3C	Mx	-.004	4.5
19	MP2A	X	1.866	.5
20	MP2A	Z	-3.232	.5
21	MP2A	Mx	.000933	.5
22	MP2B	X	1.494	.5
23	MP2B	Z	-2.588	.5
24	MP2B	Mx	-.001	.5
25	MP2C	X	1.866	.5
26	MP2C	Z	-3.232	.5
27	MP2C	Mx	.000933	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP2A	X	7.568	3.5
29	MP2A	Z	-13.108	3.5
30	MP2A	Mx	.004	3.5
31	MP2B	X	5.699	3.5
32	MP2B	Z	-9.87	3.5
33	MP2B	Mx	-.006	3.5
34	MP2C	X	7.568	3.5
35	MP2C	Z	-13.108	3.5
36	MP2C	Mx	.004	3.5
37	MP3A	X	7.331	3.5
38	MP3A	Z	-12.698	3.5
39	MP3A	Mx	.004	3.5
40	MP3B	X	4.752	3.5
41	MP3B	Z	-8.23	3.5
42	MP3B	Mx	-.005	3.5
43	MP3C	X	7.331	3.5
44	MP3C	Z	-12.698	3.5
45	MP3C	Mx	.004	3.5
46	MP2A	X	16.814	1.5
47	MP2A	Z	-29.122	1.5
48	MP2A	Mx	-.025	1.5
49	MP2A	X	16.814	5.5
50	MP2A	Z	-29.122	5.5
51	MP2A	Mx	-.025	5.5
52	MP2B	X	12.462	1.5
53	MP2B	Z	-21.584	1.5
54	MP2B	Mx	.012	1.5
55	MP2B	X	12.462	5.5
56	MP2B	Z	-21.584	5.5
57	MP2B	Mx	.012	5.5
58	MP2C	X	16.814	1.5
59	MP2C	Z	-29.122	1.5
60	MP2C	Mx	.009	1.5
61	MP2C	X	16.814	5.5
62	MP2C	Z	-29.122	5.5
63	MP2C	Mx	.009	5.5
64	MP2A	X	16.814	1.5
65	MP2A	Z	-29.122	1.5
66	MP2A	Mx	.009	1.5
67	MP2A	X	16.814	5.5
68	MP2A	Z	-29.122	5.5
69	MP2A	Mx	.009	5.5
70	MP2B	X	12.462	1.5
71	MP2B	Z	-21.584	1.5
72	MP2B	Mx	.012	1.5
73	MP2B	X	12.462	5.5
74	MP2B	Z	-21.584	5.5
75	MP2B	Mx	.012	5.5
76	MP2C	X	16.814	1.5
77	MP2C	Z	-29.122	1.5
78	MP2C	Mx	-.025	1.5
79	MP2C	X	16.814	5.5
80	MP2C	Z	-29.122	5.5
81	MP2C	Mx	-.025	5.5
82	MP1A	X	18.682	1.5
83	MP1A	Z	-32.359	1.5
84	MP1A	Mx	-.009	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1A	X	18.682	5.5
86	MP1A	Z	-32.359	5.5
87	MP1A	Mx	-.009	5.5
88	MP1B	X	17.24	1.5
89	MP1B	Z	-29.861	1.5
90	MP1B	Mx	.017	1.5
91	MP1B	X	17.24	5.5
92	MP1B	Z	-29.861	5.5
93	MP1B	Mx	.017	5.5
94	MP1C	X	18.682	1.5
95	MP1C	Z	-32.359	1.5
96	MP1C	Mx	-.009	1.5
97	MP1C	X	18.682	5.5
98	MP1C	Z	-32.359	5.5
99	MP1C	Mx	-.009	5.5
100	MP4A	X	18.682	1.5
101	MP4A	Z	-32.359	1.5
102	MP4A	Mx	-.009	1.5
103	MP4A	X	18.682	5.5
104	MP4A	Z	-32.359	5.5
105	MP4A	Mx	-.009	5.5
106	MP4B	X	17.24	1.5
107	MP4B	Z	-29.861	1.5
108	MP4B	Mx	.017	1.5
109	MP4B	X	17.24	5.5
110	MP4B	Z	-29.861	5.5
111	MP4B	Mx	.017	5.5
112	MP4C	X	18.682	1.5
113	MP4C	Z	-32.359	1.5
114	MP4C	Mx	-.009	1.5
115	MP4C	X	18.682	5.5
116	MP4C	Z	-32.359	5.5
117	MP4C	Mx	-.009	5.5
118	MP2A	X	3.803	6
119	MP2A	Z	-6.586	6
120	MP2A	Mx	.002	6
121	MP2B	X	1.699	6
122	MP2B	Z	-2.942	6
123	MP2B	Mx	-.002	6
124	MP2C	X	3.803	6
125	MP2C	Z	-6.586	6
126	MP2C	Mx	.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	9.585	2.5
2	MP3A	Z	-5.534	2.5
3	MP3A	Mx	-.005	2.5
4	MP3A	X	9.585	4.5
5	MP3A	Z	-5.534	4.5
6	MP3A	Mx	-.005	4.5
7	MP3B	X	9.585	2.5
8	MP3B	Z	-5.534	2.5
9	MP3B	Mx	.005	2.5
10	MP3B	X	9.585	4.5
11	MP3B	Z	-5.534	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP3B	Mx	.005	4.5
13	MP3C	X	16.828	2.5
14	MP3C	Z	-9.716	2.5
15	MP3C	Mx	0	2.5
16	MP3C	X	16.828	4.5
17	MP3C	Z	-9.716	4.5
18	MP3C	Mx	0	4.5
19	MP2A	X	2.802	.5
20	MP2A	Z	-1.618	.5
21	MP2A	Mx	.001	.5
22	MP2B	X	2.802	.5
23	MP2B	Z	-1.618	.5
24	MP2B	Mx	-.001	.5
25	MP2C	X	3.447	.5
26	MP2C	Z	-1.99	.5
27	MP2C	Mx	0	.5
28	MP2A	X	10.95	3.5
29	MP2A	Z	-6.322	3.5
30	MP2A	Mx	.005	3.5
31	MP2B	X	10.95	3.5
32	MP2B	Z	-6.322	3.5
33	MP2B	Mx	-.005	3.5
34	MP2C	X	14.187	3.5
35	MP2C	Z	-8.191	3.5
36	MP2C	Mx	0	3.5
37	MP3A	X	9.719	3.5
38	MP3A	Z	-5.611	3.5
39	MP3A	Mx	.005	3.5
40	MP3B	X	9.719	3.5
41	MP3B	Z	-5.611	3.5
42	MP3B	Mx	-.005	3.5
43	MP3C	X	14.187	3.5
44	MP3C	Z	-8.191	3.5
45	MP3C	Mx	0	3.5
46	MP2A	X	24.097	1.5
47	MP2A	Z	-13.912	1.5
48	MP2A	Mx	-.02	1.5
49	MP2A	X	24.097	5.5
50	MP2A	Z	-13.912	5.5
51	MP2A	Mx	-.02	5.5
52	MP2B	X	24.097	1.5
53	MP2B	Z	-13.912	1.5
54	MP2B	Mx	.004	1.5
55	MP2B	X	24.097	5.5
56	MP2B	Z	-13.912	5.5
57	MP2B	Mx	.004	5.5
58	MP2C	X	31.635	1.5
59	MP2C	Z	-18.265	1.5
60	MP2C	Mx	.021	1.5
61	MP2C	X	31.635	5.5
62	MP2C	Z	-18.265	5.5
63	MP2C	Mx	.021	5.5
64	MP2A	X	24.097	1.5
65	MP2A	Z	-13.912	1.5
66	MP2A	Mx	-.004	1.5
67	MP2A	X	24.097	5.5
68	MP2A	Z	-13.912	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP2A	Mx	-.004	5.5
70	MP2B	X	24.097	1.5
71	MP2B	Z	-13.912	1.5
72	MP2B	Mx	.02	1.5
73	MP2B	X	24.097	5.5
74	MP2B	Z	-13.912	5.5
75	MP2B	Mx	.02	5.5
76	MP2C	X	31.635	1.5
77	MP2C	Z	-18.265	1.5
78	MP2C	Mx	-.021	1.5
79	MP2C	X	31.635	5.5
80	MP2C	Z	-18.265	5.5
81	MP2C	Mx	-.021	5.5
82	MP1A	X	30.694	1.5
83	MP1A	Z	-17.721	1.5
84	MP1A	Mx	-.015	1.5
85	MP1A	X	30.694	5.5
86	MP1A	Z	-17.721	5.5
87	MP1A	Mx	-.015	5.5
88	MP1B	X	30.694	1.5
89	MP1B	Z	-17.721	1.5
90	MP1B	Mx	.015	1.5
91	MP1B	X	30.694	5.5
92	MP1B	Z	-17.721	5.5
93	MP1B	Mx	.015	5.5
94	MP1C	X	33.192	1.5
95	MP1C	Z	-19.163	1.5
96	MP1C	Mx	0	1.5
97	MP1C	X	33.192	5.5
98	MP1C	Z	-19.163	5.5
99	MP1C	Mx	0	5.5
100	MP4A	X	30.694	1.5
101	MP4A	Z	-17.721	1.5
102	MP4A	Mx	-.015	1.5
103	MP4A	X	30.694	5.5
104	MP4A	Z	-17.721	5.5
105	MP4A	Mx	-.015	5.5
106	MP4B	X	30.694	1.5
107	MP4B	Z	-17.721	1.5
108	MP4B	Mx	.015	1.5
109	MP4B	X	30.694	5.5
110	MP4B	Z	-17.721	5.5
111	MP4B	Mx	.015	5.5
112	MP4C	X	33.192	1.5
113	MP4C	Z	-19.163	1.5
114	MP4C	Mx	0	1.5
115	MP4C	X	33.192	5.5
116	MP4C	Z	-19.163	5.5
117	MP4C	Mx	0	5.5
118	MP2A	X	4.157	6
119	MP2A	Z	-2.4	6
120	MP2A	Mx	.002	6
121	MP2B	X	4.157	6
122	MP2B	Z	-2.4	6
123	MP2B	Mx	-.002	6
124	MP2C	X	7.801	6
125	MP2C	Z	-4.504	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
126	MP2C	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	8.281	2.5
2	MP3A	Z	0	2.5
3	MP3A	Mx	-.004	2.5
4	MP3A	X	8.281	4.5
5	MP3A	Z	0	4.5
6	MP3A	Mx	-.004	4.5
7	MP3B	X	16.644	2.5
8	MP3B	Z	0	2.5
9	MP3B	Mx	.004	2.5
10	MP3B	X	16.644	4.5
11	MP3B	Z	0	4.5
12	MP3B	Mx	.004	4.5
13	MP3C	X	16.644	2.5
14	MP3C	Z	0	2.5
15	MP3C	Mx	.004	2.5
16	MP3C	X	16.644	4.5
17	MP3C	Z	0	4.5
18	MP3C	Mx	.004	4.5
19	MP2A	X	2.988	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.001	.5
22	MP2B	X	3.732	.5
23	MP2B	Z	0	.5
24	MP2B	Mx	-.000933	.5
25	MP2C	X	3.732	.5
26	MP2C	Z	0	.5
27	MP2C	Mx	-.000933	.5
28	MP2A	X	11.397	3.5
29	MP2A	Z	0	3.5
30	MP2A	Mx	.006	3.5
31	MP2B	X	15.136	3.5
32	MP2B	Z	0	3.5
33	MP2B	Mx	-.004	3.5
34	MP2C	X	15.136	3.5
35	MP2C	Z	0	3.5
36	MP2C	Mx	-.004	3.5
37	MP3A	X	9.503	3.5
38	MP3A	Z	0	3.5
39	MP3A	Mx	.005	3.5
40	MP3B	X	14.662	3.5
41	MP3B	Z	0	3.5
42	MP3B	Mx	-.004	3.5
43	MP3C	X	14.662	3.5
44	MP3C	Z	0	3.5
45	MP3C	Mx	-.004	3.5
46	MP2A	X	24.923	1.5
47	MP2A	Z	0	1.5
48	MP2A	Mx	-.012	1.5
49	MP2A	X	24.923	5.5
50	MP2A	Z	0	5.5
51	MP2A	Mx	-.012	5.5
52	MP2B	X	33.628	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2B	Z	0	1.5
54	MP2B	Mx	-.009	1.5
55	MP2B	X	33.628	5.5
56	MP2B	Z	0	5.5
57	MP2B	Mx	-.009	5.5
58	MP2C	X	33.628	1.5
59	MP2C	Z	0	1.5
60	MP2C	Mx	.025	1.5
61	MP2C	X	33.628	5.5
62	MP2C	Z	0	5.5
63	MP2C	Mx	.025	5.5
64	MP2A	X	24.923	1.5
65	MP2A	Z	0	1.5
66	MP2A	Mx	-.012	1.5
67	MP2A	X	24.923	5.5
68	MP2A	Z	0	5.5
69	MP2A	Mx	-.012	5.5
70	MP2B	X	33.628	1.5
71	MP2B	Z	0	1.5
72	MP2B	Mx	.025	1.5
73	MP2B	X	33.628	5.5
74	MP2B	Z	0	5.5
75	MP2B	Mx	.025	5.5
76	MP2C	X	33.628	1.5
77	MP2C	Z	0	1.5
78	MP2C	Mx	-.009	1.5
79	MP2C	X	33.628	5.5
80	MP2C	Z	0	5.5
81	MP2C	Mx	-.009	5.5
82	MP1A	X	34.48	1.5
83	MP1A	Z	0	1.5
84	MP1A	Mx	-.017	1.5
85	MP1A	X	34.48	5.5
86	MP1A	Z	0	5.5
87	MP1A	Mx	-.017	5.5
88	MP1B	X	37.365	1.5
89	MP1B	Z	0	1.5
90	MP1B	Mx	.009	1.5
91	MP1B	X	37.365	5.5
92	MP1B	Z	0	5.5
93	MP1B	Mx	.009	5.5
94	MP1C	X	37.365	1.5
95	MP1C	Z	0	1.5
96	MP1C	Mx	.009	1.5
97	MP1C	X	37.365	5.5
98	MP1C	Z	0	5.5
99	MP1C	Mx	.009	5.5
100	MP4A	X	34.48	1.5
101	MP4A	Z	0	1.5
102	MP4A	Mx	-.017	1.5
103	MP4A	X	34.48	5.5
104	MP4A	Z	0	5.5
105	MP4A	Mx	-.017	5.5
106	MP4B	X	37.365	1.5
107	MP4B	Z	0	1.5
108	MP4B	Mx	.009	1.5
109	MP4B	X	37.365	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP4B	Z	0	5.5
111	MP4B	Mx	.009	5.5
112	MP4C	X	37.365	1.5
113	MP4C	Z	0	1.5
114	MP4C	Mx	.009	1.5
115	MP4C	X	37.365	5.5
116	MP4C	Z	0	5.5
117	MP4C	Mx	.009	5.5
118	MP2A	X	3.397	6
119	MP2A	Z	0	6
120	MP2A	Mx	.002	6
121	MP2B	X	7.605	6
122	MP2B	Z	0	6
123	MP2B	Mx	-.002	6
124	MP2C	X	7.605	6
125	MP2C	Z	0	6
126	MP2C	Mx	-.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	9.585	2.5
2	MP3A	Z	5.534	2.5
3	MP3A	Mx	-.005	2.5
4	MP3A	X	9.585	4.5
5	MP3A	Z	5.534	4.5
6	MP3A	Mx	-.005	4.5
7	MP3B	X	16.828	2.5
8	MP3B	Z	9.716	2.5
9	MP3B	Mx	0	2.5
10	MP3B	X	16.828	4.5
11	MP3B	Z	9.716	4.5
12	MP3B	Mx	0	4.5
13	MP3C	X	9.585	2.5
14	MP3C	Z	5.534	2.5
15	MP3C	Mx	.005	2.5
16	MP3C	X	9.585	4.5
17	MP3C	Z	5.534	4.5
18	MP3C	Mx	.005	4.5
19	MP2A	X	2.802	.5
20	MP2A	Z	1.618	.5
21	MP2A	Mx	.001	.5
22	MP2B	X	3.447	.5
23	MP2B	Z	1.99	.5
24	MP2B	Mx	0	.5
25	MP2C	X	2.802	.5
26	MP2C	Z	1.618	.5
27	MP2C	Mx	-.001	.5
28	MP2A	X	10.95	3.5
29	MP2A	Z	6.322	3.5
30	MP2A	Mx	.005	3.5
31	MP2B	X	14.187	3.5
32	MP2B	Z	8.191	3.5
33	MP2B	Mx	0	3.5
34	MP2C	X	10.95	3.5
35	MP2C	Z	6.322	3.5
36	MP2C	Mx	-.005	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3A	X	9.719	3.5
38	MP3A	Z	5.611	3.5
39	MP3A	Mx	.005	3.5
40	MP3B	X	14.187	3.5
41	MP3B	Z	8.191	3.5
42	MP3B	Mx	0	3.5
43	MP3C	X	9.719	3.5
44	MP3C	Z	5.611	3.5
45	MP3C	Mx	-.005	3.5
46	MP2A	X	24.097	1.5
47	MP2A	Z	13.912	1.5
48	MP2A	Mx	-.004	1.5
49	MP2A	X	24.097	5.5
50	MP2A	Z	13.912	5.5
51	MP2A	Mx	-.004	5.5
52	MP2B	X	31.635	1.5
53	MP2B	Z	18.265	1.5
54	MP2B	Mx	-.021	1.5
55	MP2B	X	31.635	5.5
56	MP2B	Z	18.265	5.5
57	MP2B	Mx	-.021	5.5
58	MP2C	X	24.097	1.5
59	MP2C	Z	13.912	1.5
60	MP2C	Mx	.02	1.5
61	MP2C	X	24.097	5.5
62	MP2C	Z	13.912	5.5
63	MP2C	Mx	.02	5.5
64	MP2A	X	24.097	1.5
65	MP2A	Z	13.912	1.5
66	MP2A	Mx	-.02	1.5
67	MP2A	X	24.097	5.5
68	MP2A	Z	13.912	5.5
69	MP2A	Mx	-.02	5.5
70	MP2B	X	31.635	1.5
71	MP2B	Z	18.265	1.5
72	MP2B	Mx	.021	1.5
73	MP2B	X	31.635	5.5
74	MP2B	Z	18.265	5.5
75	MP2B	Mx	.021	5.5
76	MP2C	X	24.097	1.5
77	MP2C	Z	13.912	1.5
78	MP2C	Mx	.004	1.5
79	MP2C	X	24.097	5.5
80	MP2C	Z	13.912	5.5
81	MP2C	Mx	.004	5.5
82	MP1A	X	30.694	1.5
83	MP1A	Z	17.721	1.5
84	MP1A	Mx	-.015	1.5
85	MP1A	X	30.694	5.5
86	MP1A	Z	17.721	5.5
87	MP1A	Mx	-.015	5.5
88	MP1B	X	33.192	1.5
89	MP1B	Z	19.163	1.5
90	MP1B	Mx	0	1.5
91	MP1B	X	33.192	5.5
92	MP1B	Z	19.163	5.5
93	MP1B	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP1C	X	30.694	1.5
95	MP1C	Z	17.721	1.5
96	MP1C	Mx	.015	1.5
97	MP1C	X	30.694	5.5
98	MP1C	Z	17.721	5.5
99	MP1C	Mx	.015	5.5
100	MP4A	X	30.694	1.5
101	MP4A	Z	17.721	1.5
102	MP4A	Mx	-.015	1.5
103	MP4A	X	30.694	5.5
104	MP4A	Z	17.721	5.5
105	MP4A	Mx	-.015	5.5
106	MP4B	X	33.192	1.5
107	MP4B	Z	19.163	1.5
108	MP4B	Mx	0	1.5
109	MP4B	X	33.192	5.5
110	MP4B	Z	19.163	5.5
111	MP4B	Mx	0	5.5
112	MP4C	X	30.694	1.5
113	MP4C	Z	17.721	1.5
114	MP4C	Mx	.015	1.5
115	MP4C	X	30.694	5.5
116	MP4C	Z	17.721	5.5
117	MP4C	Mx	.015	5.5
118	MP2A	X	4.157	6
119	MP2A	Z	2.4	6
120	MP2A	Mx	.002	6
121	MP2B	X	7.801	6
122	MP2B	Z	4.504	6
123	MP2B	Mx	0	6
124	MP2C	X	4.157	6
125	MP2C	Z	2.4	6
126	MP2C	Mx	-.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	8.322	2.5
2	MP3A	Z	14.414	2.5
3	MP3A	Mx	-.004	2.5
4	MP3A	X	8.322	4.5
5	MP3A	Z	14.414	4.5
6	MP3A	Mx	-.004	4.5
7	MP3B	X	8.322	2.5
8	MP3B	Z	14.414	2.5
9	MP3B	Mx	-.004	2.5
10	MP3B	X	8.322	4.5
11	MP3B	Z	14.414	4.5
12	MP3B	Mx	-.004	4.5
13	MP3C	X	4.14	2.5
14	MP3C	Z	7.171	2.5
15	MP3C	Mx	.004	2.5
16	MP3C	X	4.14	4.5
17	MP3C	Z	7.171	4.5
18	MP3C	Mx	.004	4.5
19	MP2A	X	1.866	.5
20	MP2A	Z	3.232	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP2A	Mx	.000933	.5
22	MP2B	X	1.866	.5
23	MP2B	Z	3.232	.5
24	MP2B	Mx	.000933	.5
25	MP2C	X	1.494	.5
26	MP2C	Z	2.588	.5
27	MP2C	Mx	-.001	.5
28	MP2A	X	7.568	3.5
29	MP2A	Z	13.108	3.5
30	MP2A	Mx	.004	3.5
31	MP2B	X	7.568	3.5
32	MP2B	Z	13.108	3.5
33	MP2B	Mx	.004	3.5
34	MP2C	X	5.699	3.5
35	MP2C	Z	9.87	3.5
36	MP2C	Mx	-.006	3.5
37	MP3A	X	7.331	3.5
38	MP3A	Z	12.698	3.5
39	MP3A	Mx	.004	3.5
40	MP3B	X	7.331	3.5
41	MP3B	Z	12.698	3.5
42	MP3B	Mx	.004	3.5
43	MP3C	X	4.752	3.5
44	MP3C	Z	8.23	3.5
45	MP3C	Mx	-.005	3.5
46	MP2A	X	16.814	1.5
47	MP2A	Z	29.122	1.5
48	MP2A	Mx	.009	1.5
49	MP2A	X	16.814	5.5
50	MP2A	Z	29.122	5.5
51	MP2A	Mx	.009	5.5
52	MP2B	X	16.814	1.5
53	MP2B	Z	29.122	1.5
54	MP2B	Mx	-.025	1.5
55	MP2B	X	16.814	5.5
56	MP2B	Z	29.122	5.5
57	MP2B	Mx	-.025	5.5
58	MP2C	X	12.462	1.5
59	MP2C	Z	21.584	1.5
60	MP2C	Mx	.012	1.5
61	MP2C	X	12.462	5.5
62	MP2C	Z	21.584	5.5
63	MP2C	Mx	.012	5.5
64	MP2A	X	16.814	1.5
65	MP2A	Z	29.122	1.5
66	MP2A	Mx	-.025	1.5
67	MP2A	X	16.814	5.5
68	MP2A	Z	29.122	5.5
69	MP2A	Mx	-.025	5.5
70	MP2B	X	16.814	1.5
71	MP2B	Z	29.122	1.5
72	MP2B	Mx	.009	1.5
73	MP2B	X	16.814	5.5
74	MP2B	Z	29.122	5.5
75	MP2B	Mx	.009	5.5
76	MP2C	X	12.462	1.5
77	MP2C	Z	21.584	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP2C	Mx	.012	1.5
79	MP2C	X	12.462	5.5
80	MP2C	Z	21.584	5.5
81	MP2C	Mx	.012	5.5
82	MP1A	X	18.682	1.5
83	MP1A	Z	32.359	1.5
84	MP1A	Mx	-.009	1.5
85	MP1A	X	18.682	5.5
86	MP1A	Z	32.359	5.5
87	MP1A	Mx	-.009	5.5
88	MP1B	X	18.682	1.5
89	MP1B	Z	32.359	1.5
90	MP1B	Mx	-.009	1.5
91	MP1B	X	18.682	5.5
92	MP1B	Z	32.359	5.5
93	MP1B	Mx	-.009	5.5
94	MP1C	X	17.24	1.5
95	MP1C	Z	29.861	1.5
96	MP1C	Mx	.017	1.5
97	MP1C	X	17.24	5.5
98	MP1C	Z	29.861	5.5
99	MP1C	Mx	.017	5.5
100	MP4A	X	18.682	1.5
101	MP4A	Z	32.359	1.5
102	MP4A	Mx	-.009	1.5
103	MP4A	X	18.682	5.5
104	MP4A	Z	32.359	5.5
105	MP4A	Mx	-.009	5.5
106	MP4B	X	18.682	1.5
107	MP4B	Z	32.359	1.5
108	MP4B	Mx	-.009	1.5
109	MP4B	X	18.682	5.5
110	MP4B	Z	32.359	5.5
111	MP4B	Mx	-.009	5.5
112	MP4C	X	17.24	1.5
113	MP4C	Z	29.861	1.5
114	MP4C	Mx	.017	1.5
115	MP4C	X	17.24	5.5
116	MP4C	Z	29.861	5.5
117	MP4C	Mx	.017	5.5
118	MP2A	X	3.803	6
119	MP2A	Z	6.586	6
120	MP2A	Mx	.002	6
121	MP2B	X	3.803	6
122	MP2B	Z	6.586	6
123	MP2B	Mx	.002	6
124	MP2C	X	1.699	6
125	MP2C	Z	2.942	6
126	MP2C	Mx	-.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.5
2	MP3A	Z	19.431	2.5
3	MP3A	Mx	0	2.5
4	MP3A	X	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP3A	Z	19.431	4.5
6	MP3A	Mx	0	4.5
7	MP3B	X	0	2.5
8	MP3B	Z	11.068	2.5
9	MP3B	Mx	-.005	2.5
10	MP3B	X	0	4.5
11	MP3B	Z	11.068	4.5
12	MP3B	Mx	-.005	4.5
13	MP3C	X	0	2.5
14	MP3C	Z	11.068	2.5
15	MP3C	Mx	.005	2.5
16	MP3C	X	0	4.5
17	MP3C	Z	11.068	4.5
18	MP3C	Mx	.005	4.5
19	MP2A	X	0	.5
20	MP2A	Z	3.98	.5
21	MP2A	Mx	0	.5
22	MP2B	X	0	.5
23	MP2B	Z	3.236	.5
24	MP2B	Mx	.001	.5
25	MP2C	X	0	.5
26	MP2C	Z	3.236	.5
27	MP2C	Mx	-.001	.5
28	MP2A	X	0	3.5
29	MP2A	Z	16.382	3.5
30	MP2A	Mx	0	3.5
31	MP2B	X	0	3.5
32	MP2B	Z	12.643	3.5
33	MP2B	Mx	.005	3.5
34	MP2C	X	0	3.5
35	MP2C	Z	12.643	3.5
36	MP2C	Mx	-.005	3.5
37	MP3A	X	0	3.5
38	MP3A	Z	16.382	3.5
39	MP3A	Mx	0	3.5
40	MP3B	X	0	3.5
41	MP3B	Z	11.223	3.5
42	MP3B	Mx	.005	3.5
43	MP3C	X	0	3.5
44	MP3C	Z	11.223	3.5
45	MP3C	Mx	-.005	3.5
46	MP2A	X	0	1.5
47	MP2A	Z	36.529	1.5
48	MP2A	Mx	.021	1.5
49	MP2A	X	0	5.5
50	MP2A	Z	36.529	5.5
51	MP2A	Mx	.021	5.5
52	MP2B	X	0	1.5
53	MP2B	Z	27.825	1.5
54	MP2B	Mx	-.02	1.5
55	MP2B	X	0	5.5
56	MP2B	Z	27.825	5.5
57	MP2B	Mx	-.02	5.5
58	MP2C	X	0	1.5
59	MP2C	Z	27.825	1.5
60	MP2C	Mx	.004	1.5
61	MP2C	X	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP2C	Z	27.825	5.5
63	MP2C	Mx	.004	5.5
64	MP2A	X	0	1.5
65	MP2A	Z	36.529	1.5
66	MP2A	Mx	-.021	1.5
67	MP2A	X	0	5.5
68	MP2A	Z	36.529	5.5
69	MP2A	Mx	-.021	5.5
70	MP2B	X	0	1.5
71	MP2B	Z	27.825	1.5
72	MP2B	Mx	-.004	1.5
73	MP2B	X	0	5.5
74	MP2B	Z	27.825	5.5
75	MP2B	Mx	-.004	5.5
76	MP2C	X	0	1.5
77	MP2C	Z	27.825	1.5
78	MP2C	Mx	.02	1.5
79	MP2C	X	0	5.5
80	MP2C	Z	27.825	5.5
81	MP2C	Mx	.02	5.5
82	MP1A	X	0	1.5
83	MP1A	Z	38.327	1.5
84	MP1A	Mx	0	1.5
85	MP1A	X	0	5.5
86	MP1A	Z	38.327	5.5
87	MP1A	Mx	0	5.5
88	MP1B	X	0	1.5
89	MP1B	Z	35.442	1.5
90	MP1B	Mx	-.015	1.5
91	MP1B	X	0	5.5
92	MP1B	Z	35.442	5.5
93	MP1B	Mx	-.015	5.5
94	MP1C	X	0	1.5
95	MP1C	Z	35.442	1.5
96	MP1C	Mx	.015	1.5
97	MP1C	X	0	5.5
98	MP1C	Z	35.442	5.5
99	MP1C	Mx	.015	5.5
100	MP4A	X	0	1.5
101	MP4A	Z	38.327	1.5
102	MP4A	Mx	0	1.5
103	MP4A	X	0	5.5
104	MP4A	Z	38.327	5.5
105	MP4A	Mx	0	5.5
106	MP4B	X	0	1.5
107	MP4B	Z	35.442	1.5
108	MP4B	Mx	-.015	1.5
109	MP4B	X	0	5.5
110	MP4B	Z	35.442	5.5
111	MP4B	Mx	-.015	5.5
112	MP4C	X	0	1.5
113	MP4C	Z	35.442	1.5
114	MP4C	Mx	.015	1.5
115	MP4C	X	0	5.5
116	MP4C	Z	35.442	5.5
117	MP4C	Mx	.015	5.5
118	MP2A	X	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
119	MP2A	Z	9.008	6
120	MP2A	Mx	0	6
121	MP2B	X	0	6
122	MP2B	Z	4.8	6
123	MP2B	Mx	.002	6
124	MP2C	X	0	6
125	MP2C	Z	4.8	6
126	MP2C	Mx	-.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-8.322	2.5
2	MP3A	Z	14.414	2.5
3	MP3A	Mx	.004	2.5
4	MP3A	X	-8.322	4.5
5	MP3A	Z	14.414	4.5
6	MP3A	Mx	.004	4.5
7	MP3B	X	-4.14	2.5
8	MP3B	Z	7.171	2.5
9	MP3B	Mx	-.004	2.5
10	MP3B	X	-4.14	4.5
11	MP3B	Z	7.171	4.5
12	MP3B	Mx	-.004	4.5
13	MP3C	X	-8.322	2.5
14	MP3C	Z	14.414	2.5
15	MP3C	Mx	.004	2.5
16	MP3C	X	-8.322	4.5
17	MP3C	Z	14.414	4.5
18	MP3C	Mx	.004	4.5
19	MP2A	X	-1.866	.5
20	MP2A	Z	3.232	.5
21	MP2A	Mx	-.000933	.5
22	MP2B	X	-1.494	.5
23	MP2B	Z	2.588	.5
24	MP2B	Mx	.001	.5
25	MP2C	X	-1.866	.5
26	MP2C	Z	3.232	.5
27	MP2C	Mx	-.000933	.5
28	MP2A	X	-7.568	3.5
29	MP2A	Z	13.108	3.5
30	MP2A	Mx	-.004	3.5
31	MP2B	X	-5.699	3.5
32	MP2B	Z	9.87	3.5
33	MP2B	Mx	.006	3.5
34	MP2C	X	-7.568	3.5
35	MP2C	Z	13.108	3.5
36	MP2C	Mx	-.004	3.5
37	MP3A	X	-7.331	3.5
38	MP3A	Z	12.698	3.5
39	MP3A	Mx	-.004	3.5
40	MP3B	X	-4.752	3.5
41	MP3B	Z	8.23	3.5
42	MP3B	Mx	.005	3.5
43	MP3C	X	-7.331	3.5
44	MP3C	Z	12.698	3.5
45	MP3C	Mx	-.004	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP2A	X	-16.814	1.5
47	MP2A	Z	29.122	1.5
48	MP2A	Mx	.025	1.5
49	MP2A	X	-16.814	5.5
50	MP2A	Z	29.122	5.5
51	MP2A	Mx	.025	5.5
52	MP2B	X	-12.462	1.5
53	MP2B	Z	21.584	1.5
54	MP2B	Mx	-.012	1.5
55	MP2B	X	-12.462	5.5
56	MP2B	Z	21.584	5.5
57	MP2B	Mx	-.012	5.5
58	MP2C	X	-16.814	1.5
59	MP2C	Z	29.122	1.5
60	MP2C	Mx	-.009	1.5
61	MP2C	X	-16.814	5.5
62	MP2C	Z	29.122	5.5
63	MP2C	Mx	-.009	5.5
64	MP2A	X	-16.814	1.5
65	MP2A	Z	29.122	1.5
66	MP2A	Mx	-.009	1.5
67	MP2A	X	-16.814	5.5
68	MP2A	Z	29.122	5.5
69	MP2A	Mx	-.009	5.5
70	MP2B	X	-12.462	1.5
71	MP2B	Z	21.584	1.5
72	MP2B	Mx	-.012	1.5
73	MP2B	X	-12.462	5.5
74	MP2B	Z	21.584	5.5
75	MP2B	Mx	-.012	5.5
76	MP2C	X	-16.814	1.5
77	MP2C	Z	29.122	1.5
78	MP2C	Mx	.025	1.5
79	MP2C	X	-16.814	5.5
80	MP2C	Z	29.122	5.5
81	MP2C	Mx	.025	5.5
82	MP1A	X	-18.682	1.5
83	MP1A	Z	32.359	1.5
84	MP1A	Mx	.009	1.5
85	MP1A	X	-18.682	5.5
86	MP1A	Z	32.359	5.5
87	MP1A	Mx	.009	5.5
88	MP1B	X	-17.24	1.5
89	MP1B	Z	29.861	1.5
90	MP1B	Mx	-.017	1.5
91	MP1B	X	-17.24	5.5
92	MP1B	Z	29.861	5.5
93	MP1B	Mx	-.017	5.5
94	MP1C	X	-18.682	1.5
95	MP1C	Z	32.359	1.5
96	MP1C	Mx	.009	1.5
97	MP1C	X	-18.682	5.5
98	MP1C	Z	32.359	5.5
99	MP1C	Mx	.009	5.5
100	MP4A	X	-18.682	1.5
101	MP4A	Z	32.359	1.5
102	MP4A	Mx	.009	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	MP4A	X	-18.682	5.5
104	MP4A	Z	32.359	5.5
105	MP4A	Mx	.009	5.5
106	MP4B	X	-17.24	1.5
107	MP4B	Z	29.861	1.5
108	MP4B	Mx	-.017	1.5
109	MP4B	X	-17.24	5.5
110	MP4B	Z	29.861	5.5
111	MP4B	Mx	-.017	5.5
112	MP4C	X	-18.682	1.5
113	MP4C	Z	32.359	1.5
114	MP4C	Mx	.009	1.5
115	MP4C	X	-18.682	5.5
116	MP4C	Z	32.359	5.5
117	MP4C	Mx	.009	5.5
118	MP2A	X	-3.803	6
119	MP2A	Z	6.586	6
120	MP2A	Mx	-.002	6
121	MP2B	X	-1.699	6
122	MP2B	Z	2.942	6
123	MP2B	Mx	.002	6
124	MP2C	X	-3.803	6
125	MP2C	Z	6.586	6
126	MP2C	Mx	-.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-9.585	2.5
2	MP3A	Z	5.534	2.5
3	MP3A	Mx	.005	2.5
4	MP3A	X	-9.585	4.5
5	MP3A	Z	5.534	4.5
6	MP3A	Mx	.005	4.5
7	MP3B	X	-9.585	2.5
8	MP3B	Z	5.534	2.5
9	MP3B	Mx	-.005	2.5
10	MP3B	X	-9.585	4.5
11	MP3B	Z	5.534	4.5
12	MP3B	Mx	-.005	4.5
13	MP3C	X	-16.828	2.5
14	MP3C	Z	9.716	2.5
15	MP3C	Mx	0	2.5
16	MP3C	X	-16.828	4.5
17	MP3C	Z	9.716	4.5
18	MP3C	Mx	0	4.5
19	MP2A	X	-2.802	.5
20	MP2A	Z	1.618	.5
21	MP2A	Mx	-.001	.5
22	MP2B	X	-2.802	.5
23	MP2B	Z	1.618	.5
24	MP2B	Mx	.001	.5
25	MP2C	X	-3.447	.5
26	MP2C	Z	1.99	.5
27	MP2C	Mx	0	.5
28	MP2A	X	-10.95	3.5
29	MP2A	Z	6.322	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP2A	Mx	-.005	3.5
31	MP2B	X	-10.95	3.5
32	MP2B	Z	6.322	3.5
33	MP2B	Mx	.005	3.5
34	MP2C	X	-14.187	3.5
35	MP2C	Z	8.191	3.5
36	MP2C	Mx	0	3.5
37	MP3A	X	-9.719	3.5
38	MP3A	Z	5.611	3.5
39	MP3A	Mx	-.005	3.5
40	MP3B	X	-9.719	3.5
41	MP3B	Z	5.611	3.5
42	MP3B	Mx	.005	3.5
43	MP3C	X	-14.187	3.5
44	MP3C	Z	8.191	3.5
45	MP3C	Mx	0	3.5
46	MP2A	X	-24.097	1.5
47	MP2A	Z	13.912	1.5
48	MP2A	Mx	.02	1.5
49	MP2A	X	-24.097	5.5
50	MP2A	Z	13.912	5.5
51	MP2A	Mx	.02	5.5
52	MP2B	X	-24.097	1.5
53	MP2B	Z	13.912	1.5
54	MP2B	Mx	-.004	1.5
55	MP2B	X	-24.097	5.5
56	MP2B	Z	13.912	5.5
57	MP2B	Mx	-.004	5.5
58	MP2C	X	-31.635	1.5
59	MP2C	Z	18.265	1.5
60	MP2C	Mx	-.021	1.5
61	MP2C	X	-31.635	5.5
62	MP2C	Z	18.265	5.5
63	MP2C	Mx	-.021	5.5
64	MP2A	X	-24.097	1.5
65	MP2A	Z	13.912	1.5
66	MP2A	Mx	.004	1.5
67	MP2A	X	-24.097	5.5
68	MP2A	Z	13.912	5.5
69	MP2A	Mx	.004	5.5
70	MP2B	X	-24.097	1.5
71	MP2B	Z	13.912	1.5
72	MP2B	Mx	-.02	1.5
73	MP2B	X	-24.097	5.5
74	MP2B	Z	13.912	5.5
75	MP2B	Mx	-.02	5.5
76	MP2C	X	-31.635	1.5
77	MP2C	Z	18.265	1.5
78	MP2C	Mx	.021	1.5
79	MP2C	X	-31.635	5.5
80	MP2C	Z	18.265	5.5
81	MP2C	Mx	.021	5.5
82	MP1A	X	-30.694	1.5
83	MP1A	Z	17.721	1.5
84	MP1A	Mx	.015	1.5
85	MP1A	X	-30.694	5.5
86	MP1A	Z	17.721	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP1A	Mx	.015	5.5
88	MP1B	X	-30.694	1.5
89	MP1B	Z	17.721	1.5
90	MP1B	Mx	-.015	1.5
91	MP1B	X	-30.694	5.5
92	MP1B	Z	17.721	5.5
93	MP1B	Mx	-.015	5.5
94	MP1C	X	-33.192	1.5
95	MP1C	Z	19.163	1.5
96	MP1C	Mx	0	1.5
97	MP1C	X	-33.192	5.5
98	MP1C	Z	19.163	5.5
99	MP1C	Mx	0	5.5
100	MP4A	X	-30.694	1.5
101	MP4A	Z	17.721	1.5
102	MP4A	Mx	.015	1.5
103	MP4A	X	-30.694	5.5
104	MP4A	Z	17.721	5.5
105	MP4A	Mx	.015	5.5
106	MP4B	X	-30.694	1.5
107	MP4B	Z	17.721	1.5
108	MP4B	Mx	-.015	1.5
109	MP4B	X	-30.694	5.5
110	MP4B	Z	17.721	5.5
111	MP4B	Mx	-.015	5.5
112	MP4C	X	-33.192	1.5
113	MP4C	Z	19.163	1.5
114	MP4C	Mx	0	1.5
115	MP4C	X	-33.192	5.5
116	MP4C	Z	19.163	5.5
117	MP4C	Mx	0	5.5
118	MP2A	X	-4.157	6
119	MP2A	Z	2.4	6
120	MP2A	Mx	-.002	6
121	MP2B	X	-4.157	6
122	MP2B	Z	2.4	6
123	MP2B	Mx	.002	6
124	MP2C	X	-7.801	6
125	MP2C	Z	4.504	6
126	MP2C	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-8.281	2.5
2	MP3A	Z	0	2.5
3	MP3A	Mx	.004	2.5
4	MP3A	X	-8.281	4.5
5	MP3A	Z	0	4.5
6	MP3A	Mx	.004	4.5
7	MP3B	X	-16.644	2.5
8	MP3B	Z	0	2.5
9	MP3B	Mx	-.004	2.5
10	MP3B	X	-16.644	4.5
11	MP3B	Z	0	4.5
12	MP3B	Mx	-.004	4.5
13	MP3C	X	-16.644	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP3C	Z	0	2.5
15	MP3C	Mx	-.004	2.5
16	MP3C	X	-16.644	4.5
17	MP3C	Z	0	4.5
18	MP3C	Mx	-.004	4.5
19	MP2A	X	-2.988	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.001	.5
22	MP2B	X	-3.732	.5
23	MP2B	Z	0	.5
24	MP2B	Mx	.000933	.5
25	MP2C	X	-3.732	.5
26	MP2C	Z	0	.5
27	MP2C	Mx	.000933	.5
28	MP2A	X	-11.397	3.5
29	MP2A	Z	0	3.5
30	MP2A	Mx	-.006	3.5
31	MP2B	X	-15.136	3.5
32	MP2B	Z	0	3.5
33	MP2B	Mx	.004	3.5
34	MP2C	X	-15.136	3.5
35	MP2C	Z	0	3.5
36	MP2C	Mx	.004	3.5
37	MP3A	X	-9.503	3.5
38	MP3A	Z	0	3.5
39	MP3A	Mx	-.005	3.5
40	MP3B	X	-14.662	3.5
41	MP3B	Z	0	3.5
42	MP3B	Mx	.004	3.5
43	MP3C	X	-14.662	3.5
44	MP3C	Z	0	3.5
45	MP3C	Mx	.004	3.5
46	MP2A	X	-24.923	1.5
47	MP2A	Z	0	1.5
48	MP2A	Mx	.012	1.5
49	MP2A	X	-24.923	5.5
50	MP2A	Z	0	5.5
51	MP2A	Mx	.012	5.5
52	MP2B	X	-33.628	1.5
53	MP2B	Z	0	1.5
54	MP2B	Mx	.009	1.5
55	MP2B	X	-33.628	5.5
56	MP2B	Z	0	5.5
57	MP2B	Mx	.009	5.5
58	MP2C	X	-33.628	1.5
59	MP2C	Z	0	1.5
60	MP2C	Mx	-.025	1.5
61	MP2C	X	-33.628	5.5
62	MP2C	Z	0	5.5
63	MP2C	Mx	-.025	5.5
64	MP2A	X	-24.923	1.5
65	MP2A	Z	0	1.5
66	MP2A	Mx	.012	1.5
67	MP2A	X	-24.923	5.5
68	MP2A	Z	0	5.5
69	MP2A	Mx	.012	5.5
70	MP2B	X	-33.628	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP2B	Z	0	1.5
72	MP2B	Mx	-.025	1.5
73	MP2B	X	-33.628	5.5
74	MP2B	Z	0	5.5
75	MP2B	Mx	-.025	5.5
76	MP2C	X	-33.628	1.5
77	MP2C	Z	0	1.5
78	MP2C	Mx	.009	1.5
79	MP2C	X	-33.628	5.5
80	MP2C	Z	0	5.5
81	MP2C	Mx	.009	5.5
82	MP1A	X	-34.48	1.5
83	MP1A	Z	0	1.5
84	MP1A	Mx	.017	1.5
85	MP1A	X	-34.48	5.5
86	MP1A	Z	0	5.5
87	MP1A	Mx	.017	5.5
88	MP1B	X	-37.365	1.5
89	MP1B	Z	0	1.5
90	MP1B	Mx	-.009	1.5
91	MP1B	X	-37.365	5.5
92	MP1B	Z	0	5.5
93	MP1B	Mx	-.009	5.5
94	MP1C	X	-37.365	1.5
95	MP1C	Z	0	1.5
96	MP1C	Mx	-.009	1.5
97	MP1C	X	-37.365	5.5
98	MP1C	Z	0	5.5
99	MP1C	Mx	-.009	5.5
100	MP4A	X	-34.48	1.5
101	MP4A	Z	0	1.5
102	MP4A	Mx	.017	1.5
103	MP4A	X	-34.48	5.5
104	MP4A	Z	0	5.5
105	MP4A	Mx	.017	5.5
106	MP4B	X	-37.365	1.5
107	MP4B	Z	0	1.5
108	MP4B	Mx	-.009	1.5
109	MP4B	X	-37.365	5.5
110	MP4B	Z	0	5.5
111	MP4B	Mx	-.009	5.5
112	MP4C	X	-37.365	1.5
113	MP4C	Z	0	1.5
114	MP4C	Mx	-.009	1.5
115	MP4C	X	-37.365	5.5
116	MP4C	Z	0	5.5
117	MP4C	Mx	-.009	5.5
118	MP2A	X	-3.397	6
119	MP2A	Z	0	6
120	MP2A	Mx	-.002	6
121	MP2B	X	-7.605	6
122	MP2B	Z	0	6
123	MP2B	Mx	.002	6
124	MP2C	X	-7.605	6
125	MP2C	Z	0	6
126	MP2C	Mx	.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-9.585	2.5
2	MP3A	Z	-5.534	2.5
3	MP3A	Mx	.005	2.5
4	MP3A	X	-9.585	4.5
5	MP3A	Z	-5.534	4.5
6	MP3A	Mx	.005	4.5
7	MP3B	X	-16.828	2.5
8	MP3B	Z	-9.716	2.5
9	MP3B	Mx	0	2.5
10	MP3B	X	-16.828	4.5
11	MP3B	Z	-9.716	4.5
12	MP3B	Mx	0	4.5
13	MP3C	X	-9.585	2.5
14	MP3C	Z	-5.534	2.5
15	MP3C	Mx	-.005	2.5
16	MP3C	X	-9.585	4.5
17	MP3C	Z	-5.534	4.5
18	MP3C	Mx	-.005	4.5
19	MP2A	X	-2.802	.5
20	MP2A	Z	-1.618	.5
21	MP2A	Mx	-.001	.5
22	MP2B	X	-3.447	.5
23	MP2B	Z	-1.99	.5
24	MP2B	Mx	0	.5
25	MP2C	X	-2.802	.5
26	MP2C	Z	-1.618	.5
27	MP2C	Mx	.001	.5
28	MP2A	X	-10.95	3.5
29	MP2A	Z	-6.322	3.5
30	MP2A	Mx	-.005	3.5
31	MP2B	X	-14.187	3.5
32	MP2B	Z	-8.191	3.5
33	MP2B	Mx	0	3.5
34	MP2C	X	-10.95	3.5
35	MP2C	Z	-6.322	3.5
36	MP2C	Mx	.005	3.5
37	MP3A	X	-9.719	3.5
38	MP3A	Z	-5.611	3.5
39	MP3A	Mx	-.005	3.5
40	MP3B	X	-14.187	3.5
41	MP3B	Z	-8.191	3.5
42	MP3B	Mx	0	3.5
43	MP3C	X	-9.719	3.5
44	MP3C	Z	-5.611	3.5
45	MP3C	Mx	.005	3.5
46	MP2A	X	-24.097	1.5
47	MP2A	Z	-13.912	1.5
48	MP2A	Mx	.004	1.5
49	MP2A	X	-24.097	5.5
50	MP2A	Z	-13.912	5.5
51	MP2A	Mx	.004	5.5
52	MP2B	X	-31.635	1.5
53	MP2B	Z	-18.265	1.5
54	MP2B	Mx	.021	1.5
55	MP2B	X	-31.635	5.5
56	MP2B	Z	-18.265	5.5
57	MP2B	Mx	.021	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2C	X	-24.097	1.5
59	MP2C	Z	-13.912	1.5
60	MP2C	Mx	-.02	1.5
61	MP2C	X	-24.097	5.5
62	MP2C	Z	-13.912	5.5
63	MP2C	Mx	-.02	5.5
64	MP2A	X	-24.097	1.5
65	MP2A	Z	-13.912	1.5
66	MP2A	Mx	.02	1.5
67	MP2A	X	-24.097	5.5
68	MP2A	Z	-13.912	5.5
69	MP2A	Mx	.02	5.5
70	MP2B	X	-31.635	1.5
71	MP2B	Z	-18.265	1.5
72	MP2B	Mx	-.021	1.5
73	MP2B	X	-31.635	5.5
74	MP2B	Z	-18.265	5.5
75	MP2B	Mx	-.021	5.5
76	MP2C	X	-24.097	1.5
77	MP2C	Z	-13.912	1.5
78	MP2C	Mx	-.004	1.5
79	MP2C	X	-24.097	5.5
80	MP2C	Z	-13.912	5.5
81	MP2C	Mx	-.004	5.5
82	MP1A	X	-30.694	1.5
83	MP1A	Z	-17.721	1.5
84	MP1A	Mx	.015	1.5
85	MP1A	X	-30.694	5.5
86	MP1A	Z	-17.721	5.5
87	MP1A	Mx	.015	5.5
88	MP1B	X	-33.192	1.5
89	MP1B	Z	-19.163	1.5
90	MP1B	Mx	0	1.5
91	MP1B	X	-33.192	5.5
92	MP1B	Z	-19.163	5.5
93	MP1B	Mx	0	5.5
94	MP1C	X	-30.694	1.5
95	MP1C	Z	-17.721	1.5
96	MP1C	Mx	-.015	1.5
97	MP1C	X	-30.694	5.5
98	MP1C	Z	-17.721	5.5
99	MP1C	Mx	-.015	5.5
100	MP4A	X	-30.694	1.5
101	MP4A	Z	-17.721	1.5
102	MP4A	Mx	.015	1.5
103	MP4A	X	-30.694	5.5
104	MP4A	Z	-17.721	5.5
105	MP4A	Mx	.015	5.5
106	MP4B	X	-33.192	1.5
107	MP4B	Z	-19.163	1.5
108	MP4B	Mx	0	1.5
109	MP4B	X	-33.192	5.5
110	MP4B	Z	-19.163	5.5
111	MP4B	Mx	0	5.5
112	MP4C	X	-30.694	1.5
113	MP4C	Z	-17.721	1.5
114	MP4C	Mx	-.015	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	-30.694	5.5
116	MP4C	Z	-17.721	5.5
117	MP4C	Mx	-.015	5.5
118	MP2A	X	-4.157	6
119	MP2A	Z	-2.4	6
120	MP2A	Mx	-.002	6
121	MP2B	X	-7.801	6
122	MP2B	Z	-4.504	6
123	MP2B	Mx	0	6
124	MP2C	X	-4.157	6
125	MP2C	Z	-2.4	6
126	MP2C	Mx	.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-8.322	2.5
2	MP3A	Z	-14.414	2.5
3	MP3A	Mx	.004	2.5
4	MP3A	X	-8.322	4.5
5	MP3A	Z	-14.414	4.5
6	MP3A	Mx	.004	4.5
7	MP3B	X	-8.322	2.5
8	MP3B	Z	-14.414	2.5
9	MP3B	Mx	.004	2.5
10	MP3B	X	-8.322	4.5
11	MP3B	Z	-14.414	4.5
12	MP3B	Mx	.004	4.5
13	MP3C	X	-4.14	2.5
14	MP3C	Z	-7.171	2.5
15	MP3C	Mx	-.004	2.5
16	MP3C	X	-4.14	4.5
17	MP3C	Z	-7.171	4.5
18	MP3C	Mx	-.004	4.5
19	MP2A	X	-1.866	.5
20	MP2A	Z	-3.232	.5
21	MP2A	Mx	-.000933	.5
22	MP2B	X	-1.866	.5
23	MP2B	Z	-3.232	.5
24	MP2B	Mx	-.000933	.5
25	MP2C	X	-1.494	.5
26	MP2C	Z	-2.588	.5
27	MP2C	Mx	.001	.5
28	MP2A	X	-7.568	3.5
29	MP2A	Z	-13.108	3.5
30	MP2A	Mx	-.004	3.5
31	MP2B	X	-7.568	3.5
32	MP2B	Z	-13.108	3.5
33	MP2B	Mx	-.004	3.5
34	MP2C	X	-5.699	3.5
35	MP2C	Z	-9.87	3.5
36	MP2C	Mx	.006	3.5
37	MP3A	X	-7.331	3.5
38	MP3A	Z	-12.698	3.5
39	MP3A	Mx	-.004	3.5
40	MP3B	X	-7.331	3.5
41	MP3B	Z	-12.698	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3B	Mx	-.004	3.5
43	MP3C	X	-4.752	3.5
44	MP3C	Z	-8.23	3.5
45	MP3C	Mx	.005	3.5
46	MP2A	X	-16.814	1.5
47	MP2A	Z	-29.122	1.5
48	MP2A	Mx	-.009	1.5
49	MP2A	X	-16.814	5.5
50	MP2A	Z	-29.122	5.5
51	MP2A	Mx	-.009	5.5
52	MP2B	X	-16.814	1.5
53	MP2B	Z	-29.122	1.5
54	MP2B	Mx	.025	1.5
55	MP2B	X	-16.814	5.5
56	MP2B	Z	-29.122	5.5
57	MP2B	Mx	.025	5.5
58	MP2C	X	-12.462	1.5
59	MP2C	Z	-21.584	1.5
60	MP2C	Mx	-.012	1.5
61	MP2C	X	-12.462	5.5
62	MP2C	Z	-21.584	5.5
63	MP2C	Mx	-.012	5.5
64	MP2A	X	-16.814	1.5
65	MP2A	Z	-29.122	1.5
66	MP2A	Mx	.025	1.5
67	MP2A	X	-16.814	5.5
68	MP2A	Z	-29.122	5.5
69	MP2A	Mx	.025	5.5
70	MP2B	X	-16.814	1.5
71	MP2B	Z	-29.122	1.5
72	MP2B	Mx	-.009	1.5
73	MP2B	X	-16.814	5.5
74	MP2B	Z	-29.122	5.5
75	MP2B	Mx	-.009	5.5
76	MP2C	X	-12.462	1.5
77	MP2C	Z	-21.584	1.5
78	MP2C	Mx	-.012	1.5
79	MP2C	X	-12.462	5.5
80	MP2C	Z	-21.584	5.5
81	MP2C	Mx	-.012	5.5
82	MP1A	X	-18.682	1.5
83	MP1A	Z	-32.359	1.5
84	MP1A	Mx	.009	1.5
85	MP1A	X	-18.682	5.5
86	MP1A	Z	-32.359	5.5
87	MP1A	Mx	.009	5.5
88	MP1B	X	-18.682	1.5
89	MP1B	Z	-32.359	1.5
90	MP1B	Mx	.009	1.5
91	MP1B	X	-18.682	5.5
92	MP1B	Z	-32.359	5.5
93	MP1B	Mx	.009	5.5
94	MP1C	X	-17.24	1.5
95	MP1C	Z	-29.861	1.5
96	MP1C	Mx	-.017	1.5
97	MP1C	X	-17.24	5.5
98	MP1C	Z	-29.861	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
99	MP1C	Mx	-.017	5.5
100	MP4A	X	-18.682	1.5
101	MP4A	Z	-32.359	1.5
102	MP4A	Mx	.009	1.5
103	MP4A	X	-18.682	5.5
104	MP4A	Z	-32.359	5.5
105	MP4A	Mx	.009	5.5
106	MP4B	X	-18.682	1.5
107	MP4B	Z	-32.359	1.5
108	MP4B	Mx	.009	1.5
109	MP4B	X	-18.682	5.5
110	MP4B	Z	-32.359	5.5
111	MP4B	Mx	.009	5.5
112	MP4C	X	-17.24	1.5
113	MP4C	Z	-29.861	1.5
114	MP4C	Mx	-.017	1.5
115	MP4C	X	-17.24	5.5
116	MP4C	Z	-29.861	5.5
117	MP4C	Mx	-.017	5.5
118	MP2A	X	-3.803	6
119	MP2A	Z	-6.586	6
120	MP2A	Mx	-.002	6
121	MP2B	X	-3.803	6
122	MP2B	Z	-6.586	6
123	MP2B	Mx	-.002	6
124	MP2C	X	-1.699	6
125	MP2C	Z	-2.942	6
126	MP2C	Mx	.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.5
2	MP3A	Z	-5.161	2.5
3	MP3A	Mx	0	2.5
4	MP3A	X	0	4.5
5	MP3A	Z	-5.161	4.5
6	MP3A	Mx	0	4.5
7	MP3B	X	0	2.5
8	MP3B	Z	-2.624	2.5
9	MP3B	Mx	.001	2.5
10	MP3B	X	0	4.5
11	MP3B	Z	-2.624	4.5
12	MP3B	Mx	.001	4.5
13	MP3C	X	0	2.5
14	MP3C	Z	-2.624	2.5
15	MP3C	Mx	-.001	2.5
16	MP3C	X	0	4.5
17	MP3C	Z	-2.624	4.5
18	MP3C	Mx	-.001	4.5
19	MP2A	X	0	.5
20	MP2A	Z	-.974	.5
21	MP2A	Mx	0	.5
22	MP2B	X	0	.5
23	MP2B	Z	-.749	.5
24	MP2B	Mx	-.000324	.5
25	MP2C	X	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP2C	Z	-.749	.5
27	MP2C	Mx	.000324	.5
28	MP2A	X	0	3.5
29	MP2A	Z	-4.082	3.5
30	MP2A	Mx	0	3.5
31	MP2B	X	0	3.5
32	MP2B	Z	-3.074	3.5
33	MP2B	Mx	-.001	3.5
34	MP2C	X	0	3.5
35	MP2C	Z	-3.074	3.5
36	MP2C	Mx	.001	3.5
37	MP3A	X	0	3.5
38	MP3A	Z	-4.082	3.5
39	MP3A	Mx	0	3.5
40	MP3B	X	0	3.5
41	MP3B	Z	-2.699	3.5
42	MP3B	Mx	-.001	3.5
43	MP3C	X	0	3.5
44	MP3C	Z	-2.699	3.5
45	MP3C	Mx	.001	3.5
46	MP2A	X	0	1.5
47	MP2A	Z	-11.995	1.5
48	MP2A	Mx	-.007	1.5
49	MP2A	X	0	5.5
50	MP2A	Z	-11.995	5.5
51	MP2A	Mx	-.007	5.5
52	MP2B	X	0	1.5
53	MP2B	Z	-8.907	1.5
54	MP2B	Mx	.006	1.5
55	MP2B	X	0	5.5
56	MP2B	Z	-8.907	5.5
57	MP2B	Mx	.006	5.5
58	MP2C	X	0	1.5
59	MP2C	Z	-8.907	1.5
60	MP2C	Mx	-.001	1.5
61	MP2C	X	0	5.5
62	MP2C	Z	-8.907	5.5
63	MP2C	Mx	-.001	5.5
64	MP2A	X	0	1.5
65	MP2A	Z	-11.995	1.5
66	MP2A	Mx	.007	1.5
67	MP2A	X	0	5.5
68	MP2A	Z	-11.995	5.5
69	MP2A	Mx	.007	5.5
70	MP2B	X	0	1.5
71	MP2B	Z	-8.907	1.5
72	MP2B	Mx	.001	1.5
73	MP2B	X	0	5.5
74	MP2B	Z	-8.907	5.5
75	MP2B	Mx	.001	5.5
76	MP2C	X	0	1.5
77	MP2C	Z	-8.907	1.5
78	MP2C	Mx	-.006	1.5
79	MP2C	X	0	5.5
80	MP2C	Z	-8.907	5.5
81	MP2C	Mx	-.006	5.5
82	MP1A	X	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP1A	Z	-12.64	1.5
84	MP1A	Mx	0	1.5
85	MP1A	X	0	5.5
86	MP1A	Z	-12.64	5.5
87	MP1A	Mx	0	5.5
88	MP1B	X	0	1.5
89	MP1B	Z	-11.628	1.5
90	MP1B	Mx	.005	1.5
91	MP1B	X	0	5.5
92	MP1B	Z	-11.628	5.5
93	MP1B	Mx	.005	5.5
94	MP1C	X	0	1.5
95	MP1C	Z	-11.628	1.5
96	MP1C	Mx	-.005	1.5
97	MP1C	X	0	5.5
98	MP1C	Z	-11.628	5.5
99	MP1C	Mx	-.005	5.5
100	MP4A	X	0	1.5
101	MP4A	Z	-12.64	1.5
102	MP4A	Mx	0	1.5
103	MP4A	X	0	5.5
104	MP4A	Z	-12.64	5.5
105	MP4A	Mx	0	5.5
106	MP4B	X	0	1.5
107	MP4B	Z	-11.628	1.5
108	MP4B	Mx	.005	1.5
109	MP4B	X	0	5.5
110	MP4B	Z	-11.628	5.5
111	MP4B	Mx	.005	5.5
112	MP4C	X	0	1.5
113	MP4C	Z	-11.628	1.5
114	MP4C	Mx	-.005	1.5
115	MP4C	X	0	5.5
116	MP4C	Z	-11.628	5.5
117	MP4C	Mx	-.005	5.5
118	MP2A	X	0	6
119	MP2A	Z	-2.528	6
120	MP2A	Mx	0	6
121	MP2B	X	0	6
122	MP2B	Z	-1.207	6
123	MP2B	Mx	-.000523	6
124	MP2C	X	0	6
125	MP2C	Z	-1.207	6
126	MP2C	Mx	.000523	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.158	2.5
2	MP3A	Z	-3.737	2.5
3	MP3A	Mx	-.001	2.5
4	MP3A	X	2.158	4.5
5	MP3A	Z	-3.737	4.5
6	MP3A	Mx	-.001	4.5
7	MP3B	X	.889	2.5
8	MP3B	Z	-1.539	2.5
9	MP3B	Mx	.000889	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP3B	X	.889	4.5
11	MP3B	Z	-1.539	4.5
12	MP3B	Mx	.000889	4.5
13	MP3C	X	2.158	2.5
14	MP3C	Z	-3.737	2.5
15	MP3C	Mx	-.001	2.5
16	MP3C	X	2.158	4.5
17	MP3C	Z	-3.737	4.5
18	MP3C	Mx	-.001	4.5
19	MP2A	X	.45	.5
20	MP2A	Z	-.779	.5
21	MP2A	Mx	.000225	.5
22	MP2B	X	.337	.5
23	MP2B	Z	-.584	.5
24	MP2B	Mx	-.000337	.5
25	MP2C	X	.45	.5
26	MP2C	Z	-.779	.5
27	MP2C	Mx	.000225	.5
28	MP2A	X	1.873	3.5
29	MP2A	Z	-3.244	3.5
30	MP2A	Mx	.000936	3.5
31	MP2B	X	1.369	3.5
32	MP2B	Z	-2.372	3.5
33	MP2B	Mx	-.001	3.5
34	MP2C	X	1.873	3.5
35	MP2C	Z	-3.244	3.5
36	MP2C	Mx	.000936	3.5
37	MP3A	X	1.81	3.5
38	MP3A	Z	-3.136	3.5
39	MP3A	Mx	.000905	3.5
40	MP3B	X	1.119	3.5
41	MP3B	Z	-1.938	3.5
42	MP3B	Mx	-.001	3.5
43	MP3C	X	1.81	3.5
44	MP3C	Z	-3.136	3.5
45	MP3C	Mx	.000905	3.5
46	MP2A	X	5.483	1.5
47	MP2A	Z	-9.497	1.5
48	MP2A	Mx	-.008	1.5
49	MP2A	X	5.483	5.5
50	MP2A	Z	-9.497	5.5
51	MP2A	Mx	-.008	5.5
52	MP2B	X	3.939	1.5
53	MP2B	Z	-6.823	1.5
54	MP2B	Mx	.004	1.5
55	MP2B	X	3.939	5.5
56	MP2B	Z	-6.823	5.5
57	MP2B	Mx	.004	5.5
58	MP2C	X	5.483	1.5
59	MP2C	Z	-9.497	1.5
60	MP2C	Mx	.003	1.5
61	MP2C	X	5.483	5.5
62	MP2C	Z	-9.497	5.5
63	MP2C	Mx	.003	5.5
64	MP2A	X	5.483	1.5
65	MP2A	Z	-9.497	1.5
66	MP2A	Mx	.003	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP2A	X	5.483	5.5
68	MP2A	Z	-9.497	5.5
69	MP2A	Mx	.003	5.5
70	MP2B	X	3.939	1.5
71	MP2B	Z	-6.823	1.5
72	MP2B	Mx	.004	1.5
73	MP2B	X	3.939	5.5
74	MP2B	Z	-6.823	5.5
75	MP2B	Mx	.004	5.5
76	MP2C	X	5.483	1.5
77	MP2C	Z	-9.497	1.5
78	MP2C	Mx	-.008	1.5
79	MP2C	X	5.483	5.5
80	MP2C	Z	-9.497	5.5
81	MP2C	Mx	-.008	5.5
82	MP1A	X	6.151	1.5
83	MP1A	Z	-10.654	1.5
84	MP1A	Mx	-.003	1.5
85	MP1A	X	6.151	5.5
86	MP1A	Z	-10.654	5.5
87	MP1A	Mx	-.003	5.5
88	MP1B	X	5.645	1.5
89	MP1B	Z	-9.778	1.5
90	MP1B	Mx	.006	1.5
91	MP1B	X	5.645	5.5
92	MP1B	Z	-9.778	5.5
93	MP1B	Mx	.006	5.5
94	MP1C	X	6.151	1.5
95	MP1C	Z	-10.654	1.5
96	MP1C	Mx	-.003	1.5
97	MP1C	X	6.151	5.5
98	MP1C	Z	-10.654	5.5
99	MP1C	Mx	-.003	5.5
100	MP4A	X	6.151	1.5
101	MP4A	Z	-10.654	1.5
102	MP4A	Mx	-.003	1.5
103	MP4A	X	6.151	5.5
104	MP4A	Z	-10.654	5.5
105	MP4A	Mx	-.003	5.5
106	MP4B	X	5.645	1.5
107	MP4B	Z	-9.778	1.5
108	MP4B	Mx	.006	1.5
109	MP4B	X	5.645	5.5
110	MP4B	Z	-9.778	5.5
111	MP4B	Mx	.006	5.5
112	MP4C	X	6.151	1.5
113	MP4C	Z	-10.654	1.5
114	MP4C	Mx	-.003	1.5
115	MP4C	X	6.151	5.5
116	MP4C	Z	-10.654	5.5
117	MP4C	Mx	-.003	5.5
118	MP2A	X	1.044	6
119	MP2A	Z	-1.808	6
120	MP2A	Mx	.000522	6
121	MP2B	X	.383	6
122	MP2B	Z	-.664	6
123	MP2B	Mx	-.000383	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
124	MP2C	X	1.044	6
125	MP2C	Z	-1.808	6
126	MP2C	Mx	.000522	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.272	2.5
2	MP3A	Z	-1.312	2.5
3	MP3A	Mx	-.001	2.5
4	MP3A	X	2.272	4.5
5	MP3A	Z	-1.312	4.5
6	MP3A	Mx	-.001	4.5
7	MP3B	X	2.272	2.5
8	MP3B	Z	-1.312	2.5
9	MP3B	Mx	.001	2.5
10	MP3B	X	2.272	4.5
11	MP3B	Z	-1.312	4.5
12	MP3B	Mx	.001	4.5
13	MP3C	X	4.47	2.5
14	MP3C	Z	-2.581	2.5
15	MP3C	Mx	0	2.5
16	MP3C	X	4.47	4.5
17	MP3C	Z	-2.581	4.5
18	MP3C	Mx	0	4.5
19	MP2A	X	.649	.5
20	MP2A	Z	-.375	.5
21	MP2A	Mx	.000324	.5
22	MP2B	X	.649	.5
23	MP2B	Z	-.375	.5
24	MP2B	Mx	-.000325	.5
25	MP2C	X	.844	.5
26	MP2C	Z	-.487	.5
27	MP2C	Mx	0	.5
28	MP2A	X	2.663	3.5
29	MP2A	Z	-1.537	3.5
30	MP2A	Mx	.001	3.5
31	MP2B	X	2.663	3.5
32	MP2B	Z	-1.537	3.5
33	MP2B	Mx	-.001	3.5
34	MP2C	X	3.535	3.5
35	MP2C	Z	-2.041	3.5
36	MP2C	Mx	0	3.5
37	MP3A	X	2.338	3.5
38	MP3A	Z	-1.35	3.5
39	MP3A	Mx	.001	3.5
40	MP3B	X	2.338	3.5
41	MP3B	Z	-1.35	3.5
42	MP3B	Mx	-.001	3.5
43	MP3C	X	3.535	3.5
44	MP3C	Z	-2.041	3.5
45	MP3C	Mx	0	3.5
46	MP2A	X	7.714	1.5
47	MP2A	Z	-4.454	1.5
48	MP2A	Mx	-.006	1.5
49	MP2A	X	7.714	5.5
50	MP2A	Z	-4.454	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP2A	Mx	-.006	5.5
52	MP2B	X	7.714	1.5
53	MP2B	Z	-4.454	1.5
54	MP2B	Mx	.001	1.5
55	MP2B	X	7.714	5.5
56	MP2B	Z	-4.454	5.5
57	MP2B	Mx	.001	5.5
58	MP2C	X	10.388	1.5
59	MP2C	Z	-5.998	1.5
60	MP2C	Mx	.007	1.5
61	MP2C	X	10.388	5.5
62	MP2C	Z	-5.998	5.5
63	MP2C	Mx	.007	5.5
64	MP2A	X	7.714	1.5
65	MP2A	Z	-4.454	1.5
66	MP2A	Mx	-.001	1.5
67	MP2A	X	7.714	5.5
68	MP2A	Z	-4.454	5.5
69	MP2A	Mx	-.001	5.5
70	MP2B	X	7.714	1.5
71	MP2B	Z	-4.454	1.5
72	MP2B	Mx	.006	1.5
73	MP2B	X	7.714	5.5
74	MP2B	Z	-4.454	5.5
75	MP2B	Mx	.006	5.5
76	MP2C	X	10.388	1.5
77	MP2C	Z	-5.998	1.5
78	MP2C	Mx	-.007	1.5
79	MP2C	X	10.388	5.5
80	MP2C	Z	-5.998	5.5
81	MP2C	Mx	-.007	5.5
82	MP1A	X	10.07	1.5
83	MP1A	Z	-5.814	1.5
84	MP1A	Mx	-.005	1.5
85	MP1A	X	10.07	5.5
86	MP1A	Z	-5.814	5.5
87	MP1A	Mx	-.005	5.5
88	MP1B	X	10.07	1.5
89	MP1B	Z	-5.814	1.5
90	MP1B	Mx	.005	1.5
91	MP1B	X	10.07	5.5
92	MP1B	Z	-5.814	5.5
93	MP1B	Mx	.005	5.5
94	MP1C	X	10.947	1.5
95	MP1C	Z	-6.32	1.5
96	MP1C	Mx	0	1.5
97	MP1C	X	10.947	5.5
98	MP1C	Z	-6.32	5.5
99	MP1C	Mx	0	5.5
100	MP4A	X	10.07	1.5
101	MP4A	Z	-5.814	1.5
102	MP4A	Mx	-.005	1.5
103	MP4A	X	10.07	5.5
104	MP4A	Z	-5.814	5.5
105	MP4A	Mx	-.005	5.5
106	MP4B	X	10.07	1.5
107	MP4B	Z	-5.814	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP4B	Mx	.005	1.5
109	MP4B	X	10.07	5.5
110	MP4B	Z	-5.814	5.5
111	MP4B	Mx	.005	5.5
112	MP4C	X	10.947	1.5
113	MP4C	Z	-6.32	1.5
114	MP4C	Mx	0	1.5
115	MP4C	X	10.947	5.5
116	MP4C	Z	-6.32	5.5
117	MP4C	Mx	0	5.5
118	MP2A	X	1.045	6
119	MP2A	Z	-.604	6
120	MP2A	Mx	.000522	6
121	MP2B	X	1.045	6
122	MP2B	Z	-.604	6
123	MP2B	Mx	-.000523	6
124	MP2C	X	2.189	6
125	MP2C	Z	-1.264	6
126	MP2C	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	1.778	2.5
2	MP3A	Z	0	2.5
3	MP3A	Mx	-.000889	2.5
4	MP3A	X	1.778	4.5
5	MP3A	Z	0	4.5
6	MP3A	Mx	-.000889	4.5
7	MP3B	X	4.315	2.5
8	MP3B	Z	0	2.5
9	MP3B	Mx	.001	2.5
10	MP3B	X	4.315	4.5
11	MP3B	Z	0	4.5
12	MP3B	Mx	.001	4.5
13	MP3C	X	4.315	2.5
14	MP3C	Z	0	2.5
15	MP3C	Mx	.001	2.5
16	MP3C	X	4.315	4.5
17	MP3C	Z	0	4.5
18	MP3C	Mx	.001	4.5
19	MP2A	X	.674	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.000337	.5
22	MP2B	X	.899	.5
23	MP2B	Z	0	.5
24	MP2B	Mx	-.000225	.5
25	MP2C	X	.899	.5
26	MP2C	Z	0	.5
27	MP2C	Mx	-.000225	.5
28	MP2A	X	2.739	3.5
29	MP2A	Z	0	3.5
30	MP2A	Mx	.001	3.5
31	MP2B	X	3.746	3.5
32	MP2B	Z	0	3.5
33	MP2B	Mx	-.000936	3.5
34	MP2C	X	3.746	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	0	3.5
36	MP2C	Mx	-.000936	3.5
37	MP3A	X	2.238	3.5
38	MP3A	Z	0	3.5
39	MP3A	Mx	.001	3.5
40	MP3B	X	3.621	3.5
41	MP3B	Z	0	3.5
42	MP3B	Mx	-.000905	3.5
43	MP3C	X	3.621	3.5
44	MP3C	Z	0	3.5
45	MP3C	Mx	-.000905	3.5
46	MP2A	X	7.878	1.5
47	MP2A	Z	0	1.5
48	MP2A	Mx	-.004	1.5
49	MP2A	X	7.878	5.5
50	MP2A	Z	0	5.5
51	MP2A	Mx	-.004	5.5
52	MP2B	X	10.966	1.5
53	MP2B	Z	0	1.5
54	MP2B	Mx	-.003	1.5
55	MP2B	X	10.966	5.5
56	MP2B	Z	0	5.5
57	MP2B	Mx	-.003	5.5
58	MP2C	X	10.966	1.5
59	MP2C	Z	0	1.5
60	MP2C	Mx	.008	1.5
61	MP2C	X	10.966	5.5
62	MP2C	Z	0	5.5
63	MP2C	Mx	.008	5.5
64	MP2A	X	7.878	1.5
65	MP2A	Z	0	1.5
66	MP2A	Mx	-.004	1.5
67	MP2A	X	7.878	5.5
68	MP2A	Z	0	5.5
69	MP2A	Mx	-.004	5.5
70	MP2B	X	10.966	1.5
71	MP2B	Z	0	1.5
72	MP2B	Mx	.008	1.5
73	MP2B	X	10.966	5.5
74	MP2B	Z	0	5.5
75	MP2B	Mx	.008	5.5
76	MP2C	X	10.966	1.5
77	MP2C	Z	0	1.5
78	MP2C	Mx	-.003	1.5
79	MP2C	X	10.966	5.5
80	MP2C	Z	0	5.5
81	MP2C	Mx	-.003	5.5
82	MP1A	X	11.29	1.5
83	MP1A	Z	0	1.5
84	MP1A	Mx	-.006	1.5
85	MP1A	X	11.29	5.5
86	MP1A	Z	0	5.5
87	MP1A	Mx	-.006	5.5
88	MP1B	X	12.303	1.5
89	MP1B	Z	0	1.5
90	MP1B	Mx	.003	1.5
91	MP1B	X	12.303	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP1B	Z	0	5.5
93	MP1B	Mx	.003	5.5
94	MP1C	X	12.303	1.5
95	MP1C	Z	0	1.5
96	MP1C	Mx	.003	1.5
97	MP1C	X	12.303	5.5
98	MP1C	Z	0	5.5
99	MP1C	Mx	.003	5.5
100	MP4A	X	11.29	1.5
101	MP4A	Z	0	1.5
102	MP4A	Mx	-.006	1.5
103	MP4A	X	11.29	5.5
104	MP4A	Z	0	5.5
105	MP4A	Mx	-.006	5.5
106	MP4B	X	12.303	1.5
107	MP4B	Z	0	1.5
108	MP4B	Mx	.003	1.5
109	MP4B	X	12.303	5.5
110	MP4B	Z	0	5.5
111	MP4B	Mx	.003	5.5
112	MP4C	X	12.303	1.5
113	MP4C	Z	0	1.5
114	MP4C	Mx	.003	1.5
115	MP4C	X	12.303	5.5
116	MP4C	Z	0	5.5
117	MP4C	Mx	.003	5.5
118	MP2A	X	.767	6
119	MP2A	Z	0	6
120	MP2A	Mx	.000384	6
121	MP2B	X	2.088	6
122	MP2B	Z	0	6
123	MP2B	Mx	-.000522	6
124	MP2C	X	2.088	6
125	MP2C	Z	0	6
126	MP2C	Mx	-.000522	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.272	2.5
2	MP3A	Z	1.312	2.5
3	MP3A	Mx	-.001	2.5
4	MP3A	X	2.272	4.5
5	MP3A	Z	1.312	4.5
6	MP3A	Mx	-.001	4.5
7	MP3B	X	4.47	2.5
8	MP3B	Z	2.581	2.5
9	MP3B	Mx	0	2.5
10	MP3B	X	4.47	4.5
11	MP3B	Z	2.581	4.5
12	MP3B	Mx	0	4.5
13	MP3C	X	2.272	2.5
14	MP3C	Z	1.312	2.5
15	MP3C	Mx	.001	2.5
16	MP3C	X	2.272	4.5
17	MP3C	Z	1.312	4.5
18	MP3C	Mx	.001	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP2A	X	.649	.5
20	MP2A	Z	.375	.5
21	MP2A	Mx	.000324	.5
22	MP2B	X	.844	.5
23	MP2B	Z	.487	.5
24	MP2B	Mx	0	.5
25	MP2C	X	.649	.5
26	MP2C	Z	.375	.5
27	MP2C	Mx	-.000325	.5
28	MP2A	X	2.663	3.5
29	MP2A	Z	1.537	3.5
30	MP2A	Mx	.001	3.5
31	MP2B	X	3.535	3.5
32	MP2B	Z	2.041	3.5
33	MP2B	Mx	0	3.5
34	MP2C	X	2.663	3.5
35	MP2C	Z	1.537	3.5
36	MP2C	Mx	-.001	3.5
37	MP3A	X	2.338	3.5
38	MP3A	Z	1.35	3.5
39	MP3A	Mx	.001	3.5
40	MP3B	X	3.535	3.5
41	MP3B	Z	2.041	3.5
42	MP3B	Mx	0	3.5
43	MP3C	X	2.338	3.5
44	MP3C	Z	1.35	3.5
45	MP3C	Mx	-.001	3.5
46	MP2A	X	7.714	1.5
47	MP2A	Z	4.454	1.5
48	MP2A	Mx	-.001	1.5
49	MP2A	X	7.714	5.5
50	MP2A	Z	4.454	5.5
51	MP2A	Mx	-.001	5.5
52	MP2B	X	10.388	1.5
53	MP2B	Z	5.998	1.5
54	MP2B	Mx	-.007	1.5
55	MP2B	X	10.388	5.5
56	MP2B	Z	5.998	5.5
57	MP2B	Mx	-.007	5.5
58	MP2C	X	7.714	1.5
59	MP2C	Z	4.454	1.5
60	MP2C	Mx	.006	1.5
61	MP2C	X	7.714	5.5
62	MP2C	Z	4.454	5.5
63	MP2C	Mx	.006	5.5
64	MP2A	X	7.714	1.5
65	MP2A	Z	4.454	1.5
66	MP2A	Mx	-.006	1.5
67	MP2A	X	7.714	5.5
68	MP2A	Z	4.454	5.5
69	MP2A	Mx	-.006	5.5
70	MP2B	X	10.388	1.5
71	MP2B	Z	5.998	1.5
72	MP2B	Mx	.007	1.5
73	MP2B	X	10.388	5.5
74	MP2B	Z	5.998	5.5
75	MP2B	Mx	.007	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP2C	X	7.714	1.5
77	MP2C	Z	4.454	1.5
78	MP2C	Mx	.001	1.5
79	MP2C	X	7.714	5.5
80	MP2C	Z	4.454	5.5
81	MP2C	Mx	.001	5.5
82	MP1A	X	10.07	1.5
83	MP1A	Z	5.814	1.5
84	MP1A	Mx	-.005	1.5
85	MP1A	X	10.07	5.5
86	MP1A	Z	5.814	5.5
87	MP1A	Mx	-.005	5.5
88	MP1B	X	10.947	1.5
89	MP1B	Z	6.32	1.5
90	MP1B	Mx	0	1.5
91	MP1B	X	10.947	5.5
92	MP1B	Z	6.32	5.5
93	MP1B	Mx	0	5.5
94	MP1C	X	10.07	1.5
95	MP1C	Z	5.814	1.5
96	MP1C	Mx	.005	1.5
97	MP1C	X	10.07	5.5
98	MP1C	Z	5.814	5.5
99	MP1C	Mx	.005	5.5
100	MP4A	X	10.07	1.5
101	MP4A	Z	5.814	1.5
102	MP4A	Mx	-.005	1.5
103	MP4A	X	10.07	5.5
104	MP4A	Z	5.814	5.5
105	MP4A	Mx	-.005	5.5
106	MP4B	X	10.947	1.5
107	MP4B	Z	6.32	1.5
108	MP4B	Mx	0	1.5
109	MP4B	X	10.947	5.5
110	MP4B	Z	6.32	5.5
111	MP4B	Mx	0	5.5
112	MP4C	X	10.07	1.5
113	MP4C	Z	5.814	1.5
114	MP4C	Mx	.005	1.5
115	MP4C	X	10.07	5.5
116	MP4C	Z	5.814	5.5
117	MP4C	Mx	.005	5.5
118	MP2A	X	1.045	6
119	MP2A	Z	.604	6
120	MP2A	Mx	.000522	6
121	MP2B	X	2.189	6
122	MP2B	Z	1.264	6
123	MP2B	Mx	0	6
124	MP2C	X	1.045	6
125	MP2C	Z	.604	6
126	MP2C	Mx	-.000523	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.158	2.5
2	MP3A	Z	3.737	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP3A	Mx	-.001	2.5
4	MP3A	X	2.158	4.5
5	MP3A	Z	3.737	4.5
6	MP3A	Mx	-.001	4.5
7	MP3B	X	2.158	2.5
8	MP3B	Z	3.737	2.5
9	MP3B	Mx	-.001	2.5
10	MP3B	X	2.158	4.5
11	MP3B	Z	3.737	4.5
12	MP3B	Mx	-.001	4.5
13	MP3C	X	.889	2.5
14	MP3C	Z	1.539	2.5
15	MP3C	Mx	.000889	2.5
16	MP3C	X	.889	4.5
17	MP3C	Z	1.539	4.5
18	MP3C	Mx	.000889	4.5
19	MP2A	X	.45	.5
20	MP2A	Z	.779	.5
21	MP2A	Mx	.000225	.5
22	MP2B	X	.45	.5
23	MP2B	Z	.779	.5
24	MP2B	Mx	.000225	.5
25	MP2C	X	.337	.5
26	MP2C	Z	.584	.5
27	MP2C	Mx	-.000337	.5
28	MP2A	X	1.873	3.5
29	MP2A	Z	3.244	3.5
30	MP2A	Mx	.000936	3.5
31	MP2B	X	1.873	3.5
32	MP2B	Z	3.244	3.5
33	MP2B	Mx	.000936	3.5
34	MP2C	X	1.369	3.5
35	MP2C	Z	2.372	3.5
36	MP2C	Mx	-.001	3.5
37	MP3A	X	1.81	3.5
38	MP3A	Z	3.136	3.5
39	MP3A	Mx	.000905	3.5
40	MP3B	X	1.81	3.5
41	MP3B	Z	3.136	3.5
42	MP3B	Mx	.000905	3.5
43	MP3C	X	1.119	3.5
44	MP3C	Z	1.938	3.5
45	MP3C	Mx	-.001	3.5
46	MP2A	X	5.483	1.5
47	MP2A	Z	9.497	1.5
48	MP2A	Mx	.003	1.5
49	MP2A	X	5.483	5.5
50	MP2A	Z	9.497	5.5
51	MP2A	Mx	.003	5.5
52	MP2B	X	5.483	1.5
53	MP2B	Z	9.497	1.5
54	MP2B	Mx	-.008	1.5
55	MP2B	X	5.483	5.5
56	MP2B	Z	9.497	5.5
57	MP2B	Mx	-.008	5.5
58	MP2C	X	3.939	1.5
59	MP2C	Z	6.823	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP2C	Mx	.004	1.5
61	MP2C	X	3.939	5.5
62	MP2C	Z	6.823	5.5
63	MP2C	Mx	.004	5.5
64	MP2A	X	5.483	1.5
65	MP2A	Z	9.497	1.5
66	MP2A	Mx	-.008	1.5
67	MP2A	X	5.483	5.5
68	MP2A	Z	9.497	5.5
69	MP2A	Mx	-.008	5.5
70	MP2B	X	5.483	1.5
71	MP2B	Z	9.497	1.5
72	MP2B	Mx	.003	1.5
73	MP2B	X	5.483	5.5
74	MP2B	Z	9.497	5.5
75	MP2B	Mx	.003	5.5
76	MP2C	X	3.939	1.5
77	MP2C	Z	6.823	1.5
78	MP2C	Mx	.004	1.5
79	MP2C	X	3.939	5.5
80	MP2C	Z	6.823	5.5
81	MP2C	Mx	.004	5.5
82	MP1A	X	6.151	1.5
83	MP1A	Z	10.654	1.5
84	MP1A	Mx	-.003	1.5
85	MP1A	X	6.151	5.5
86	MP1A	Z	10.654	5.5
87	MP1A	Mx	-.003	5.5
88	MP1B	X	6.151	1.5
89	MP1B	Z	10.654	1.5
90	MP1B	Mx	-.003	1.5
91	MP1B	X	6.151	5.5
92	MP1B	Z	10.654	5.5
93	MP1B	Mx	-.003	5.5
94	MP1C	X	5.645	1.5
95	MP1C	Z	9.778	1.5
96	MP1C	Mx	.006	1.5
97	MP1C	X	5.645	5.5
98	MP1C	Z	9.778	5.5
99	MP1C	Mx	.006	5.5
100	MP4A	X	6.151	1.5
101	MP4A	Z	10.654	1.5
102	MP4A	Mx	-.003	1.5
103	MP4A	X	6.151	5.5
104	MP4A	Z	10.654	5.5
105	MP4A	Mx	-.003	5.5
106	MP4B	X	6.151	1.5
107	MP4B	Z	10.654	1.5
108	MP4B	Mx	-.003	1.5
109	MP4B	X	6.151	5.5
110	MP4B	Z	10.654	5.5
111	MP4B	Mx	-.003	5.5
112	MP4C	X	5.645	1.5
113	MP4C	Z	9.778	1.5
114	MP4C	Mx	.006	1.5
115	MP4C	X	5.645	5.5
116	MP4C	Z	9.778	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
117	MP4C	Mx	.006	5.5
118	MP2A	X	1.044	6
119	MP2A	Z	1.808	6
120	MP2A	Mx	.000522	6
121	MP2B	X	1.044	6
122	MP2B	Z	1.808	6
123	MP2B	Mx	.000522	6
124	MP2C	X	.383	6
125	MP2C	Z	.664	6
126	MP2C	Mx	-.000383	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.5
2	MP3A	Z	5.161	2.5
3	MP3A	Mx	0	2.5
4	MP3A	X	0	4.5
5	MP3A	Z	5.161	4.5
6	MP3A	Mx	0	4.5
7	MP3B	X	0	2.5
8	MP3B	Z	2.624	2.5
9	MP3B	Mx	-.001	2.5
10	MP3B	X	0	4.5
11	MP3B	Z	2.624	4.5
12	MP3B	Mx	-.001	4.5
13	MP3C	X	0	2.5
14	MP3C	Z	2.624	2.5
15	MP3C	Mx	.001	2.5
16	MP3C	X	0	4.5
17	MP3C	Z	2.624	4.5
18	MP3C	Mx	.001	4.5
19	MP2A	X	0	.5
20	MP2A	Z	.974	.5
21	MP2A	Mx	0	.5
22	MP2B	X	0	.5
23	MP2B	Z	.749	.5
24	MP2B	Mx	.000324	.5
25	MP2C	X	0	.5
26	MP2C	Z	.749	.5
27	MP2C	Mx	-.000324	.5
28	MP2A	X	0	3.5
29	MP2A	Z	4.082	3.5
30	MP2A	Mx	0	3.5
31	MP2B	X	0	3.5
32	MP2B	Z	3.074	3.5
33	MP2B	Mx	.001	3.5
34	MP2C	X	0	3.5
35	MP2C	Z	3.074	3.5
36	MP2C	Mx	-.001	3.5
37	MP3A	X	0	3.5
38	MP3A	Z	4.082	3.5
39	MP3A	Mx	0	3.5
40	MP3B	X	0	3.5
41	MP3B	Z	2.699	3.5
42	MP3B	Mx	.001	3.5
43	MP3C	X	0	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3C	Z	2.699	3.5
45	MP3C	Mx	-.001	3.5
46	MP2A	X	0	1.5
47	MP2A	Z	11.995	1.5
48	MP2A	Mx	.007	1.5
49	MP2A	X	0	5.5
50	MP2A	Z	11.995	5.5
51	MP2A	Mx	.007	5.5
52	MP2B	X	0	1.5
53	MP2B	Z	8.907	1.5
54	MP2B	Mx	-.006	1.5
55	MP2B	X	0	5.5
56	MP2B	Z	8.907	5.5
57	MP2B	Mx	-.006	5.5
58	MP2C	X	0	1.5
59	MP2C	Z	8.907	1.5
60	MP2C	Mx	.001	1.5
61	MP2C	X	0	5.5
62	MP2C	Z	8.907	5.5
63	MP2C	Mx	.001	5.5
64	MP2A	X	0	1.5
65	MP2A	Z	11.995	1.5
66	MP2A	Mx	-.007	1.5
67	MP2A	X	0	5.5
68	MP2A	Z	11.995	5.5
69	MP2A	Mx	-.007	5.5
70	MP2B	X	0	1.5
71	MP2B	Z	8.907	1.5
72	MP2B	Mx	-.001	1.5
73	MP2B	X	0	5.5
74	MP2B	Z	8.907	5.5
75	MP2B	Mx	-.001	5.5
76	MP2C	X	0	1.5
77	MP2C	Z	8.907	1.5
78	MP2C	Mx	.006	1.5
79	MP2C	X	0	5.5
80	MP2C	Z	8.907	5.5
81	MP2C	Mx	.006	5.5
82	MP1A	X	0	1.5
83	MP1A	Z	12.64	1.5
84	MP1A	Mx	0	1.5
85	MP1A	X	0	5.5
86	MP1A	Z	12.64	5.5
87	MP1A	Mx	0	5.5
88	MP1B	X	0	1.5
89	MP1B	Z	11.628	1.5
90	MP1B	Mx	-.005	1.5
91	MP1B	X	0	5.5
92	MP1B	Z	11.628	5.5
93	MP1B	Mx	-.005	5.5
94	MP1C	X	0	1.5
95	MP1C	Z	11.628	1.5
96	MP1C	Mx	.005	1.5
97	MP1C	X	0	5.5
98	MP1C	Z	11.628	5.5
99	MP1C	Mx	.005	5.5
100	MP4A	X	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP4A	Z	12.64	1.5
102	MP4A	Mx	0	1.5
103	MP4A	X	0	5.5
104	MP4A	Z	12.64	5.5
105	MP4A	Mx	0	5.5
106	MP4B	X	0	1.5
107	MP4B	Z	11.628	1.5
108	MP4B	Mx	-.005	1.5
109	MP4B	X	0	5.5
110	MP4B	Z	11.628	5.5
111	MP4B	Mx	-.005	5.5
112	MP4C	X	0	1.5
113	MP4C	Z	11.628	1.5
114	MP4C	Mx	.005	1.5
115	MP4C	X	0	5.5
116	MP4C	Z	11.628	5.5
117	MP4C	Mx	.005	5.5
118	MP2A	X	0	6
119	MP2A	Z	2.528	6
120	MP2A	Mx	0	6
121	MP2B	X	0	6
122	MP2B	Z	1.207	6
123	MP2B	Mx	.000523	6
124	MP2C	X	0	6
125	MP2C	Z	1.207	6
126	MP2C	Mx	-.000523	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.158	2.5
2	MP3A	Z	3.737	2.5
3	MP3A	Mx	.001	2.5
4	MP3A	X	-2.158	4.5
5	MP3A	Z	3.737	4.5
6	MP3A	Mx	.001	4.5
7	MP3B	X	-.889	2.5
8	MP3B	Z	1.539	2.5
9	MP3B	Mx	-.000889	2.5
10	MP3B	X	-.889	4.5
11	MP3B	Z	1.539	4.5
12	MP3B	Mx	-.000889	4.5
13	MP3C	X	-2.158	2.5
14	MP3C	Z	3.737	2.5
15	MP3C	Mx	.001	2.5
16	MP3C	X	-2.158	4.5
17	MP3C	Z	3.737	4.5
18	MP3C	Mx	.001	4.5
19	MP2A	X	-.45	.5
20	MP2A	Z	.779	.5
21	MP2A	Mx	-.000225	.5
22	MP2B	X	-.337	.5
23	MP2B	Z	.584	.5
24	MP2B	Mx	.000337	.5
25	MP2C	X	-.45	.5
26	MP2C	Z	.779	.5
27	MP2C	Mx	-.000225	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP2A	X	-1.873	3.5
29	MP2A	Z	3.244	3.5
30	MP2A	Mx	-.000936	3.5
31	MP2B	X	-1.369	3.5
32	MP2B	Z	2.372	3.5
33	MP2B	Mx	.001	3.5
34	MP2C	X	-1.873	3.5
35	MP2C	Z	3.244	3.5
36	MP2C	Mx	-.000936	3.5
37	MP3A	X	-1.81	3.5
38	MP3A	Z	3.136	3.5
39	MP3A	Mx	-.000905	3.5
40	MP3B	X	-1.119	3.5
41	MP3B	Z	1.938	3.5
42	MP3B	Mx	.001	3.5
43	MP3C	X	-1.81	3.5
44	MP3C	Z	3.136	3.5
45	MP3C	Mx	-.000905	3.5
46	MP2A	X	-5.483	1.5
47	MP2A	Z	9.497	1.5
48	MP2A	Mx	.008	1.5
49	MP2A	X	-5.483	5.5
50	MP2A	Z	9.497	5.5
51	MP2A	Mx	.008	5.5
52	MP2B	X	-3.939	1.5
53	MP2B	Z	6.823	1.5
54	MP2B	Mx	-.004	1.5
55	MP2B	X	-3.939	5.5
56	MP2B	Z	6.823	5.5
57	MP2B	Mx	-.004	5.5
58	MP2C	X	-5.483	1.5
59	MP2C	Z	9.497	1.5
60	MP2C	Mx	-.003	1.5
61	MP2C	X	-5.483	5.5
62	MP2C	Z	9.497	5.5
63	MP2C	Mx	-.003	5.5
64	MP2A	X	-5.483	1.5
65	MP2A	Z	9.497	1.5
66	MP2A	Mx	-.003	1.5
67	MP2A	X	-5.483	5.5
68	MP2A	Z	9.497	5.5
69	MP2A	Mx	-.003	5.5
70	MP2B	X	-3.939	1.5
71	MP2B	Z	6.823	1.5
72	MP2B	Mx	-.004	1.5
73	MP2B	X	-3.939	5.5
74	MP2B	Z	6.823	5.5
75	MP2B	Mx	-.004	5.5
76	MP2C	X	-5.483	1.5
77	MP2C	Z	9.497	1.5
78	MP2C	Mx	.008	1.5
79	MP2C	X	-5.483	5.5
80	MP2C	Z	9.497	5.5
81	MP2C	Mx	.008	5.5
82	MP1A	X	-6.151	1.5
83	MP1A	Z	10.654	1.5
84	MP1A	Mx	.003	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1A	X	-6.151	5.5
86	MP1A	Z	10.654	5.5
87	MP1A	Mx	.003	5.5
88	MP1B	X	-5.645	1.5
89	MP1B	Z	9.778	1.5
90	MP1B	Mx	-.006	1.5
91	MP1B	X	-5.645	5.5
92	MP1B	Z	9.778	5.5
93	MP1B	Mx	-.006	5.5
94	MP1C	X	-6.151	1.5
95	MP1C	Z	10.654	1.5
96	MP1C	Mx	.003	1.5
97	MP1C	X	-6.151	5.5
98	MP1C	Z	10.654	5.5
99	MP1C	Mx	.003	5.5
100	MP4A	X	-6.151	1.5
101	MP4A	Z	10.654	1.5
102	MP4A	Mx	.003	1.5
103	MP4A	X	-6.151	5.5
104	MP4A	Z	10.654	5.5
105	MP4A	Mx	.003	5.5
106	MP4B	X	-5.645	1.5
107	MP4B	Z	9.778	1.5
108	MP4B	Mx	-.006	1.5
109	MP4B	X	-5.645	5.5
110	MP4B	Z	9.778	5.5
111	MP4B	Mx	-.006	5.5
112	MP4C	X	-6.151	1.5
113	MP4C	Z	10.654	1.5
114	MP4C	Mx	.003	1.5
115	MP4C	X	-6.151	5.5
116	MP4C	Z	10.654	5.5
117	MP4C	Mx	.003	5.5
118	MP2A	X	-1.044	6
119	MP2A	Z	1.808	6
120	MP2A	Mx	-.000522	6
121	MP2B	X	-.383	6
122	MP2B	Z	.664	6
123	MP2B	Mx	.000383	6
124	MP2C	X	-1.044	6
125	MP2C	Z	1.808	6
126	MP2C	Mx	-.000522	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.272	2.5
2	MP3A	Z	1.312	2.5
3	MP3A	Mx	.001	2.5
4	MP3A	X	-2.272	4.5
5	MP3A	Z	1.312	4.5
6	MP3A	Mx	.001	4.5
7	MP3B	X	-2.272	2.5
8	MP3B	Z	1.312	2.5
9	MP3B	Mx	-.001	2.5
10	MP3B	X	-2.272	4.5
11	MP3B	Z	1.312	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP3B	Mx	-.001	4.5
13	MP3C	X	-4.47	2.5
14	MP3C	Z	2.581	2.5
15	MP3C	Mx	0	2.5
16	MP3C	X	-4.47	4.5
17	MP3C	Z	2.581	4.5
18	MP3C	Mx	0	4.5
19	MP2A	X	-.649	.5
20	MP2A	Z	.375	.5
21	MP2A	Mx	-.000324	.5
22	MP2B	X	-.649	.5
23	MP2B	Z	.375	.5
24	MP2B	Mx	.000325	.5
25	MP2C	X	-.844	.5
26	MP2C	Z	.487	.5
27	MP2C	Mx	0	.5
28	MP2A	X	-2.663	3.5
29	MP2A	Z	1.537	3.5
30	MP2A	Mx	-.001	3.5
31	MP2B	X	-2.663	3.5
32	MP2B	Z	1.537	3.5
33	MP2B	Mx	.001	3.5
34	MP2C	X	-3.535	3.5
35	MP2C	Z	2.041	3.5
36	MP2C	Mx	0	3.5
37	MP3A	X	-2.338	3.5
38	MP3A	Z	1.35	3.5
39	MP3A	Mx	-.001	3.5
40	MP3B	X	-2.338	3.5
41	MP3B	Z	1.35	3.5
42	MP3B	Mx	.001	3.5
43	MP3C	X	-3.535	3.5
44	MP3C	Z	2.041	3.5
45	MP3C	Mx	0	3.5
46	MP2A	X	-7.714	1.5
47	MP2A	Z	4.454	1.5
48	MP2A	Mx	.006	1.5
49	MP2A	X	-7.714	5.5
50	MP2A	Z	4.454	5.5
51	MP2A	Mx	.006	5.5
52	MP2B	X	-7.714	1.5
53	MP2B	Z	4.454	1.5
54	MP2B	Mx	-.001	1.5
55	MP2B	X	-7.714	5.5
56	MP2B	Z	4.454	5.5
57	MP2B	Mx	-.001	5.5
58	MP2C	X	-10.388	1.5
59	MP2C	Z	5.998	1.5
60	MP2C	Mx	-.007	1.5
61	MP2C	X	-10.388	5.5
62	MP2C	Z	5.998	5.5
63	MP2C	Mx	-.007	5.5
64	MP2A	X	-7.714	1.5
65	MP2A	Z	4.454	1.5
66	MP2A	Mx	.001	1.5
67	MP2A	X	-7.714	5.5
68	MP2A	Z	4.454	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP2A	Mx	.001	5.5
70	MP2B	X	-7.714	1.5
71	MP2B	Z	4.454	1.5
72	MP2B	Mx	-.006	1.5
73	MP2B	X	-7.714	5.5
74	MP2B	Z	4.454	5.5
75	MP2B	Mx	-.006	5.5
76	MP2C	X	-10.388	1.5
77	MP2C	Z	5.998	1.5
78	MP2C	Mx	.007	1.5
79	MP2C	X	-10.388	5.5
80	MP2C	Z	5.998	5.5
81	MP2C	Mx	.007	5.5
82	MP1A	X	-10.07	1.5
83	MP1A	Z	5.814	1.5
84	MP1A	Mx	.005	1.5
85	MP1A	X	-10.07	5.5
86	MP1A	Z	5.814	5.5
87	MP1A	Mx	.005	5.5
88	MP1B	X	-10.07	1.5
89	MP1B	Z	5.814	1.5
90	MP1B	Mx	-.005	1.5
91	MP1B	X	-10.07	5.5
92	MP1B	Z	5.814	5.5
93	MP1B	Mx	-.005	5.5
94	MP1C	X	-10.947	1.5
95	MP1C	Z	6.32	1.5
96	MP1C	Mx	0	1.5
97	MP1C	X	-10.947	5.5
98	MP1C	Z	6.32	5.5
99	MP1C	Mx	0	5.5
100	MP4A	X	-10.07	1.5
101	MP4A	Z	5.814	1.5
102	MP4A	Mx	.005	1.5
103	MP4A	X	-10.07	5.5
104	MP4A	Z	5.814	5.5
105	MP4A	Mx	.005	5.5
106	MP4B	X	-10.07	1.5
107	MP4B	Z	5.814	1.5
108	MP4B	Mx	-.005	1.5
109	MP4B	X	-10.07	5.5
110	MP4B	Z	5.814	5.5
111	MP4B	Mx	-.005	5.5
112	MP4C	X	-10.947	1.5
113	MP4C	Z	6.32	1.5
114	MP4C	Mx	0	1.5
115	MP4C	X	-10.947	5.5
116	MP4C	Z	6.32	5.5
117	MP4C	Mx	0	5.5
118	MP2A	X	-1.045	6
119	MP2A	Z	.604	6
120	MP2A	Mx	-.000522	6
121	MP2B	X	-1.045	6
122	MP2B	Z	.604	6
123	MP2B	Mx	.000523	6
124	MP2C	X	-2.189	6
125	MP2C	Z	1.264	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
126	MP2C	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-1.778	2.5
2	MP3A	Z	0	2.5
3	MP3A	Mx	.000889	2.5
4	MP3A	X	-1.778	4.5
5	MP3A	Z	0	4.5
6	MP3A	Mx	.000889	4.5
7	MP3B	X	-4.315	2.5
8	MP3B	Z	0	2.5
9	MP3B	Mx	-.001	2.5
10	MP3B	X	-4.315	4.5
11	MP3B	Z	0	4.5
12	MP3B	Mx	-.001	4.5
13	MP3C	X	-4.315	2.5
14	MP3C	Z	0	2.5
15	MP3C	Mx	-.001	2.5
16	MP3C	X	-4.315	4.5
17	MP3C	Z	0	4.5
18	MP3C	Mx	-.001	4.5
19	MP2A	X	-.674	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.000337	.5
22	MP2B	X	-.899	.5
23	MP2B	Z	0	.5
24	MP2B	Mx	.000225	.5
25	MP2C	X	-.899	.5
26	MP2C	Z	0	.5
27	MP2C	Mx	.000225	.5
28	MP2A	X	-2.739	3.5
29	MP2A	Z	0	3.5
30	MP2A	Mx	-.001	3.5
31	MP2B	X	-3.746	3.5
32	MP2B	Z	0	3.5
33	MP2B	Mx	.000936	3.5
34	MP2C	X	-3.746	3.5
35	MP2C	Z	0	3.5
36	MP2C	Mx	.000936	3.5
37	MP3A	X	-2.238	3.5
38	MP3A	Z	0	3.5
39	MP3A	Mx	-.001	3.5
40	MP3B	X	-3.621	3.5
41	MP3B	Z	0	3.5
42	MP3B	Mx	.000905	3.5
43	MP3C	X	-3.621	3.5
44	MP3C	Z	0	3.5
45	MP3C	Mx	.000905	3.5
46	MP2A	X	-7.878	1.5
47	MP2A	Z	0	1.5
48	MP2A	Mx	.004	1.5
49	MP2A	X	-7.878	5.5
50	MP2A	Z	0	5.5
51	MP2A	Mx	.004	5.5
52	MP2B	X	-10.966	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2B	Z	0	1.5
54	MP2B	Mx	.003	1.5
55	MP2B	X	-10.966	5.5
56	MP2B	Z	0	5.5
57	MP2B	Mx	.003	5.5
58	MP2C	X	-10.966	1.5
59	MP2C	Z	0	1.5
60	MP2C	Mx	-.008	1.5
61	MP2C	X	-10.966	5.5
62	MP2C	Z	0	5.5
63	MP2C	Mx	-.008	5.5
64	MP2A	X	-7.878	1.5
65	MP2A	Z	0	1.5
66	MP2A	Mx	.004	1.5
67	MP2A	X	-7.878	5.5
68	MP2A	Z	0	5.5
69	MP2A	Mx	.004	5.5
70	MP2B	X	-10.966	1.5
71	MP2B	Z	0	1.5
72	MP2B	Mx	-.008	1.5
73	MP2B	X	-10.966	5.5
74	MP2B	Z	0	5.5
75	MP2B	Mx	-.008	5.5
76	MP2C	X	-10.966	1.5
77	MP2C	Z	0	1.5
78	MP2C	Mx	.003	1.5
79	MP2C	X	-10.966	5.5
80	MP2C	Z	0	5.5
81	MP2C	Mx	.003	5.5
82	MP1A	X	-11.29	1.5
83	MP1A	Z	0	1.5
84	MP1A	Mx	.006	1.5
85	MP1A	X	-11.29	5.5
86	MP1A	Z	0	5.5
87	MP1A	Mx	.006	5.5
88	MP1B	X	-12.303	1.5
89	MP1B	Z	0	1.5
90	MP1B	Mx	-.003	1.5
91	MP1B	X	-12.303	5.5
92	MP1B	Z	0	5.5
93	MP1B	Mx	-.003	5.5
94	MP1C	X	-12.303	1.5
95	MP1C	Z	0	1.5
96	MP1C	Mx	-.003	1.5
97	MP1C	X	-12.303	5.5
98	MP1C	Z	0	5.5
99	MP1C	Mx	-.003	5.5
100	MP4A	X	-11.29	1.5
101	MP4A	Z	0	1.5
102	MP4A	Mx	.006	1.5
103	MP4A	X	-11.29	5.5
104	MP4A	Z	0	5.5
105	MP4A	Mx	.006	5.5
106	MP4B	X	-12.303	1.5
107	MP4B	Z	0	1.5
108	MP4B	Mx	-.003	1.5
109	MP4B	X	-12.303	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP4B	Z	0	5.5
111	MP4B	Mx	-.003	5.5
112	MP4C	X	-12.303	1.5
113	MP4C	Z	0	1.5
114	MP4C	Mx	-.003	1.5
115	MP4C	X	-12.303	5.5
116	MP4C	Z	0	5.5
117	MP4C	Mx	-.003	5.5
118	MP2A	X	-.767	6
119	MP2A	Z	0	6
120	MP2A	Mx	-.000384	6
121	MP2B	X	-2.088	6
122	MP2B	Z	0	6
123	MP2B	Mx	.000522	6
124	MP2C	X	-2.088	6
125	MP2C	Z	0	6
126	MP2C	Mx	.000522	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.272	2.5
2	MP3A	Z	-1.312	2.5
3	MP3A	Mx	.001	2.5
4	MP3A	X	-2.272	4.5
5	MP3A	Z	-1.312	4.5
6	MP3A	Mx	.001	4.5
7	MP3B	X	-4.47	2.5
8	MP3B	Z	-2.581	2.5
9	MP3B	Mx	0	2.5
10	MP3B	X	-4.47	4.5
11	MP3B	Z	-2.581	4.5
12	MP3B	Mx	0	4.5
13	MP3C	X	-2.272	2.5
14	MP3C	Z	-1.312	2.5
15	MP3C	Mx	-.001	2.5
16	MP3C	X	-2.272	4.5
17	MP3C	Z	-1.312	4.5
18	MP3C	Mx	-.001	4.5
19	MP2A	X	-.649	.5
20	MP2A	Z	-.375	.5
21	MP2A	Mx	-.000324	.5
22	MP2B	X	-.844	.5
23	MP2B	Z	-.487	.5
24	MP2B	Mx	0	.5
25	MP2C	X	-.649	.5
26	MP2C	Z	-.375	.5
27	MP2C	Mx	.000325	.5
28	MP2A	X	-2.663	3.5
29	MP2A	Z	-1.537	3.5
30	MP2A	Mx	-.001	3.5
31	MP2B	X	-3.535	3.5
32	MP2B	Z	-2.041	3.5
33	MP2B	Mx	0	3.5
34	MP2C	X	-2.663	3.5
35	MP2C	Z	-1.537	3.5
36	MP2C	Mx	.001	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3A	X	-2.338	3.5
38	MP3A	Z	-1.35	3.5
39	MP3A	Mx	-.001	3.5
40	MP3B	X	-3.535	3.5
41	MP3B	Z	-2.041	3.5
42	MP3B	Mx	0	3.5
43	MP3C	X	-2.338	3.5
44	MP3C	Z	-1.35	3.5
45	MP3C	Mx	.001	3.5
46	MP2A	X	-7.714	1.5
47	MP2A	Z	-4.454	1.5
48	MP2A	Mx	.001	1.5
49	MP2A	X	-7.714	5.5
50	MP2A	Z	-4.454	5.5
51	MP2A	Mx	.001	5.5
52	MP2B	X	-10.388	1.5
53	MP2B	Z	-5.998	1.5
54	MP2B	Mx	.007	1.5
55	MP2B	X	-10.388	5.5
56	MP2B	Z	-5.998	5.5
57	MP2B	Mx	.007	5.5
58	MP2C	X	-7.714	1.5
59	MP2C	Z	-4.454	1.5
60	MP2C	Mx	-.006	1.5
61	MP2C	X	-7.714	5.5
62	MP2C	Z	-4.454	5.5
63	MP2C	Mx	-.006	5.5
64	MP2A	X	-7.714	1.5
65	MP2A	Z	-4.454	1.5
66	MP2A	Mx	.006	1.5
67	MP2A	X	-7.714	5.5
68	MP2A	Z	-4.454	5.5
69	MP2A	Mx	.006	5.5
70	MP2B	X	-10.388	1.5
71	MP2B	Z	-5.998	1.5
72	MP2B	Mx	-.007	1.5
73	MP2B	X	-10.388	5.5
74	MP2B	Z	-5.998	5.5
75	MP2B	Mx	-.007	5.5
76	MP2C	X	-7.714	1.5
77	MP2C	Z	-4.454	1.5
78	MP2C	Mx	-.001	1.5
79	MP2C	X	-7.714	5.5
80	MP2C	Z	-4.454	5.5
81	MP2C	Mx	-.001	5.5
82	MP1A	X	-10.07	1.5
83	MP1A	Z	-5.814	1.5
84	MP1A	Mx	.005	1.5
85	MP1A	X	-10.07	5.5
86	MP1A	Z	-5.814	5.5
87	MP1A	Mx	.005	5.5
88	MP1B	X	-10.947	1.5
89	MP1B	Z	-6.32	1.5
90	MP1B	Mx	0	1.5
91	MP1B	X	-10.947	5.5
92	MP1B	Z	-6.32	5.5
93	MP1B	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP1C	X	-10.07	1.5
95	MP1C	Z	-5.814	1.5
96	MP1C	Mx	-.005	1.5
97	MP1C	X	-10.07	5.5
98	MP1C	Z	-5.814	5.5
99	MP1C	Mx	-.005	5.5
100	MP4A	X	-10.07	1.5
101	MP4A	Z	-5.814	1.5
102	MP4A	Mx	.005	1.5
103	MP4A	X	-10.07	5.5
104	MP4A	Z	-5.814	5.5
105	MP4A	Mx	.005	5.5
106	MP4B	X	-10.947	1.5
107	MP4B	Z	-6.32	1.5
108	MP4B	Mx	0	1.5
109	MP4B	X	-10.947	5.5
110	MP4B	Z	-6.32	5.5
111	MP4B	Mx	0	5.5
112	MP4C	X	-10.07	1.5
113	MP4C	Z	-5.814	1.5
114	MP4C	Mx	-.005	1.5
115	MP4C	X	-10.07	5.5
116	MP4C	Z	-5.814	5.5
117	MP4C	Mx	-.005	5.5
118	MP2A	X	-1.045	6
119	MP2A	Z	-.604	6
120	MP2A	Mx	-.000522	6
121	MP2B	X	-2.189	6
122	MP2B	Z	-1.264	6
123	MP2B	Mx	0	6
124	MP2C	X	-1.045	6
125	MP2C	Z	-.604	6
126	MP2C	Mx	.000523	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.158	2.5
2	MP3A	Z	-3.737	2.5
3	MP3A	Mx	.001	2.5
4	MP3A	X	-2.158	4.5
5	MP3A	Z	-3.737	4.5
6	MP3A	Mx	.001	4.5
7	MP3B	X	-2.158	2.5
8	MP3B	Z	-3.737	2.5
9	MP3B	Mx	.001	2.5
10	MP3B	X	-2.158	4.5
11	MP3B	Z	-3.737	4.5
12	MP3B	Mx	.001	4.5
13	MP3C	X	-.889	2.5
14	MP3C	Z	-1.539	2.5
15	MP3C	Mx	-.000889	2.5
16	MP3C	X	-.889	4.5
17	MP3C	Z	-1.539	4.5
18	MP3C	Mx	-.000889	4.5
19	MP2A	X	-.45	.5
20	MP2A	Z	-.779	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP2A	Mx	-.000225	.5
22	MP2B	X	-.45	.5
23	MP2B	Z	-.779	.5
24	MP2B	Mx	-.000225	.5
25	MP2C	X	-.337	.5
26	MP2C	Z	-.584	.5
27	MP2C	Mx	.000337	.5
28	MP2A	X	-1.873	3.5
29	MP2A	Z	-3.244	3.5
30	MP2A	Mx	-.000936	3.5
31	MP2B	X	-1.873	3.5
32	MP2B	Z	-3.244	3.5
33	MP2B	Mx	-.000936	3.5
34	MP2C	X	-1.369	3.5
35	MP2C	Z	-2.372	3.5
36	MP2C	Mx	.001	3.5
37	MP3A	X	-1.81	3.5
38	MP3A	Z	-3.136	3.5
39	MP3A	Mx	-.000905	3.5
40	MP3B	X	-1.81	3.5
41	MP3B	Z	-3.136	3.5
42	MP3B	Mx	-.000905	3.5
43	MP3C	X	-1.119	3.5
44	MP3C	Z	-1.938	3.5
45	MP3C	Mx	.001	3.5
46	MP2A	X	-5.483	1.5
47	MP2A	Z	-9.497	1.5
48	MP2A	Mx	-.003	1.5
49	MP2A	X	-5.483	5.5
50	MP2A	Z	-9.497	5.5
51	MP2A	Mx	-.003	5.5
52	MP2B	X	-5.483	1.5
53	MP2B	Z	-9.497	1.5
54	MP2B	Mx	.008	1.5
55	MP2B	X	-5.483	5.5
56	MP2B	Z	-9.497	5.5
57	MP2B	Mx	.008	5.5
58	MP2C	X	-3.939	1.5
59	MP2C	Z	-6.823	1.5
60	MP2C	Mx	-.004	1.5
61	MP2C	X	-3.939	5.5
62	MP2C	Z	-6.823	5.5
63	MP2C	Mx	-.004	5.5
64	MP2A	X	-5.483	1.5
65	MP2A	Z	-9.497	1.5
66	MP2A	Mx	.008	1.5
67	MP2A	X	-5.483	5.5
68	MP2A	Z	-9.497	5.5
69	MP2A	Mx	.008	5.5
70	MP2B	X	-5.483	1.5
71	MP2B	Z	-9.497	1.5
72	MP2B	Mx	-.003	1.5
73	MP2B	X	-5.483	5.5
74	MP2B	Z	-9.497	5.5
75	MP2B	Mx	-.003	5.5
76	MP2C	X	-3.939	1.5
77	MP2C	Z	-6.823	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP2C	Mx	-.004	1.5
79	MP2C	X	-3.939	5.5
80	MP2C	Z	-6.823	5.5
81	MP2C	Mx	-.004	5.5
82	MP1A	X	-6.151	1.5
83	MP1A	Z	-10.654	1.5
84	MP1A	Mx	.003	1.5
85	MP1A	X	-6.151	5.5
86	MP1A	Z	-10.654	5.5
87	MP1A	Mx	.003	5.5
88	MP1B	X	-6.151	1.5
89	MP1B	Z	-10.654	1.5
90	MP1B	Mx	.003	1.5
91	MP1B	X	-6.151	5.5
92	MP1B	Z	-10.654	5.5
93	MP1B	Mx	.003	5.5
94	MP1C	X	-5.645	1.5
95	MP1C	Z	-9.778	1.5
96	MP1C	Mx	-.006	1.5
97	MP1C	X	-5.645	5.5
98	MP1C	Z	-9.778	5.5
99	MP1C	Mx	-.006	5.5
100	MP4A	X	-6.151	1.5
101	MP4A	Z	-10.654	1.5
102	MP4A	Mx	.003	1.5
103	MP4A	X	-6.151	5.5
104	MP4A	Z	-10.654	5.5
105	MP4A	Mx	.003	5.5
106	MP4B	X	-6.151	1.5
107	MP4B	Z	-10.654	1.5
108	MP4B	Mx	.003	1.5
109	MP4B	X	-6.151	5.5
110	MP4B	Z	-10.654	5.5
111	MP4B	Mx	.003	5.5
112	MP4C	X	-5.645	1.5
113	MP4C	Z	-9.778	1.5
114	MP4C	Mx	-.006	1.5
115	MP4C	X	-5.645	5.5
116	MP4C	Z	-9.778	5.5
117	MP4C	Mx	-.006	5.5
118	MP2A	X	-1.044	6
119	MP2A	Z	-1.808	6
120	MP2A	Mx	-.000522	6
121	MP2B	X	-1.044	6
122	MP2B	Z	-1.808	6
123	MP2B	Mx	-.000522	6
124	MP2C	X	-.383	6
125	MP2C	Z	-.664	6
126	MP2C	Mx	.000383	6

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M21	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M22	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

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

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-1.849	2.5
2	MP3A	My	-.000924	2.5
3	MP3A	Mz	0	2.5
4	MP3A	Y	-1.849	4.5
5	MP3A	My	-.000924	4.5
6	MP3A	Mz	0	4.5
7	MP3B	Y	-1.849	2.5
8	MP3B	My	.000462	2.5
9	MP3B	Mz	-.000801	2.5
10	MP3B	Y	-1.849	4.5
11	MP3B	My	.000462	4.5
12	MP3B	Mz	-.000801	4.5
13	MP3C	Y	-1.849	2.5
14	MP3C	My	.000462	2.5
15	MP3C	Mz	.000801	2.5
16	MP3C	Y	-1.849	4.5
17	MP3C	My	.000462	4.5
18	MP3C	Mz	.000801	4.5
19	MP2A	Y	-.442	.5
20	MP2A	My	.000221	.5
21	MP2A	Mz	0	.5
22	MP2B	Y	-.442	.5
23	MP2B	My	-.00011	.5
24	MP2B	Mz	.000191	.5
25	MP2C	Y	-.442	.5
26	MP2C	My	-.00011	.5
27	MP2C	Mz	-.000191	.5
28	MP2A	Y	-3.583	3.5
29	MP2A	My	.002	3.5
30	MP2A	Mz	0	3.5
31	MP2B	Y	-3.583	3.5
32	MP2B	My	-.000896	3.5
33	MP2B	Mz	.002	3.5
34	MP2C	Y	-3.583	3.5
35	MP2C	My	-.000896	3.5
36	MP2C	Mz	-.002	3.5
37	MP3A	Y	-2.984	3.5
38	MP3A	My	.001	3.5
39	MP3A	Mz	0	3.5
40	MP3B	Y	-2.984	3.5
41	MP3B	My	-.000746	3.5
42	MP3B	Mz	.001	3.5
43	MP3C	Y	-2.984	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3C	My	-.000746	3.5
45	MP3C	Mz	-.001	3.5
46	MP2A	Y	-1.344	1.5
47	MP2A	My	-.000672	1.5
48	MP2A	Mz	.000784	1.5
49	MP2A	Y	-1.344	5.5
50	MP2A	My	-.000672	5.5
51	MP2A	Mz	.000784	5.5
52	MP2B	Y	-1.344	1.5
53	MP2B	My	-.000343	1.5
54	MP2B	Mz	-.000974	1.5
55	MP2B	Y	-1.344	5.5
56	MP2B	My	-.000343	5.5
57	MP2B	Mz	-.000974	5.5
58	MP2C	Y	-1.344	1.5
59	MP2C	My	.001	1.5
60	MP2C	Mz	.00019	1.5
61	MP2C	Y	-1.344	5.5
62	MP2C	My	.001	5.5
63	MP2C	Mz	.00019	5.5
64	MP2A	Y	-1.344	1.5
65	MP2A	My	-.000672	1.5
66	MP2A	Mz	-.000784	1.5
67	MP2A	Y	-1.344	5.5
68	MP2A	My	-.000672	5.5
69	MP2A	Mz	-.000784	5.5
70	MP2B	Y	-1.344	1.5
71	MP2B	My	.001	1.5
72	MP2B	Mz	-.00019	1.5
73	MP2B	Y	-1.344	5.5
74	MP2B	My	.001	5.5
75	MP2B	Mz	-.00019	5.5
76	MP2C	Y	-1.344	1.5
77	MP2C	My	-.000343	1.5
78	MP2C	Mz	.000974	1.5
79	MP2C	Y	-1.344	5.5
80	MP2C	My	-.000343	5.5
81	MP2C	Mz	.000974	5.5
82	MP1A	Y	-.573	1.5
83	MP1A	My	-.000287	1.5
84	MP1A	Mz	0	1.5
85	MP1A	Y	-.573	5.5
86	MP1A	My	-.000287	5.5
87	MP1A	Mz	0	5.5
88	MP1B	Y	-.573	1.5
89	MP1B	My	.000143	1.5
90	MP1B	Mz	-.000248	1.5
91	MP1B	Y	-.573	5.5
92	MP1B	My	.000143	5.5
93	MP1B	Mz	-.000248	5.5
94	MP1C	Y	-.573	1.5
95	MP1C	My	.000143	1.5
96	MP1C	Mz	.000248	1.5
97	MP1C	Y	-.573	5.5
98	MP1C	My	.000143	5.5
99	MP1C	Mz	.000248	5.5
100	MP4A	Y	-.573	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP4A	My	-.000287	1.5
102	MP4A	Mz	0	1.5
103	MP4A	Y	-.573	5.5
104	MP4A	My	-.000287	5.5
105	MP4A	Mz	0	5.5
106	MP4B	Y	-.573	1.5
107	MP4B	My	.000143	1.5
108	MP4B	Mz	-.000248	1.5
109	MP4B	Y	-.573	5.5
110	MP4B	My	.000143	5.5
111	MP4B	Mz	-.000248	5.5
112	MP4C	Y	-.573	1.5
113	MP4C	My	.000143	1.5
114	MP4C	Mz	.000248	1.5
115	MP4C	Y	-.573	5.5
116	MP4C	My	.000143	5.5
117	MP4C	Mz	.000248	5.5
118	MP2A	Y	-.747	6
119	MP2A	My	.000374	6
120	MP2A	Mz	0	6
121	MP2B	Y	-.747	6
122	MP2B	My	-.000187	6
123	MP2B	Mz	.000324	6
124	MP2C	Y	-.747	6
125	MP2C	My	-.000187	6
126	MP2C	Mz	-.000324	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Z	-4.622	2.5
2	MP3A	Mx	0	2.5
3	MP3A	Z	-4.622	4.5
4	MP3A	Mx	0	4.5
5	MP3B	Z	-4.622	2.5
6	MP3B	Mx	.002	2.5
7	MP3B	Z	-4.622	4.5
8	MP3B	Mx	.002	4.5
9	MP3C	Z	-4.622	2.5
10	MP3C	Mx	-.002	2.5
11	MP3C	Z	-4.622	4.5
12	MP3C	Mx	-.002	4.5
13	MP2A	Z	-1.104	.5
14	MP2A	Mx	0	.5
15	MP2B	Z	-1.104	.5
16	MP2B	Mx	-.000478	.5
17	MP2C	Z	-1.104	.5
18	MP2C	Mx	.000478	.5
19	MP2A	Z	-8.958	3.5
20	MP2A	Mx	0	3.5
21	MP2B	Z	-8.958	3.5
22	MP2B	Mx	-.004	3.5
23	MP2C	Z	-8.958	3.5
24	MP2C	Mx	.004	3.5
25	MP3A	Z	-7.461	3.5
26	MP3A	Mx	0	3.5
27	MP3B	Z	-7.461	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP3B	Mx	-.003	3.5
29	MP3C	Z	-7.461	3.5
30	MP3C	Mx	.003	3.5
31	MP2A	Z	-3.359	1.5
32	MP2A	Mx	-.002	1.5
33	MP2A	Z	-3.359	5.5
34	MP2A	Mx	-.002	5.5
35	MP2B	Z	-3.359	1.5
36	MP2B	Mx	.002	1.5
37	MP2B	Z	-3.359	5.5
38	MP2B	Mx	.002	5.5
39	MP2C	Z	-3.359	1.5
40	MP2C	Mx	-.000475	1.5
41	MP2C	Z	-3.359	5.5
42	MP2C	Mx	-.000475	5.5
43	MP2A	Z	-3.359	1.5
44	MP2A	Mx	.002	1.5
45	MP2A	Z	-3.359	5.5
46	MP2A	Mx	.002	5.5
47	MP2B	Z	-3.359	1.5
48	MP2B	Mx	.000475	1.5
49	MP2B	Z	-3.359	5.5
50	MP2B	Mx	.000475	5.5
51	MP2C	Z	-3.359	1.5
52	MP2C	Mx	-.002	1.5
53	MP2C	Z	-3.359	5.5
54	MP2C	Mx	-.002	5.5
55	MP1A	Z	-1.433	1.5
56	MP1A	Mx	0	1.5
57	MP1A	Z	-1.433	5.5
58	MP1A	Mx	0	5.5
59	MP1B	Z	-1.433	1.5
60	MP1B	Mx	.00062	1.5
61	MP1B	Z	-1.433	5.5
62	MP1B	Mx	.00062	5.5
63	MP1C	Z	-1.433	1.5
64	MP1C	Mx	-.00062	1.5
65	MP1C	Z	-1.433	5.5
66	MP1C	Mx	-.00062	5.5
67	MP4A	Z	-1.433	1.5
68	MP4A	Mx	0	1.5
69	MP4A	Z	-1.433	5.5
70	MP4A	Mx	0	5.5
71	MP4B	Z	-1.433	1.5
72	MP4B	Mx	.00062	1.5
73	MP4B	Z	-1.433	5.5
74	MP4B	Mx	.00062	5.5
75	MP4C	Z	-1.433	1.5
76	MP4C	Mx	-.00062	1.5
77	MP4C	Z	-1.433	5.5
78	MP4C	Mx	-.00062	5.5
79	MP2A	Z	-1.868	6
80	MP2A	Mx	0	6
81	MP2B	Z	-1.868	6
82	MP2B	Mx	-.000809	6
83	MP2C	Z	-1.868	6
84	MP2C	Mx	.000809	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	4.622	2.5
2	MP3A	Mx	-.002	2.5
3	MP3A	X	4.622	4.5
4	MP3A	Mx	-.002	4.5
5	MP3B	X	4.622	2.5
6	MP3B	Mx	.001	2.5
7	MP3B	X	4.622	4.5
8	MP3B	Mx	.001	4.5
9	MP3C	X	4.622	2.5
10	MP3C	Mx	.001	2.5
11	MP3C	X	4.622	4.5
12	MP3C	Mx	.001	4.5
13	MP2A	X	1.104	.5
14	MP2A	Mx	.000552	.5
15	MP2B	X	1.104	.5
16	MP2B	Mx	-.000276	.5
17	MP2C	X	1.104	.5
18	MP2C	Mx	-.000276	.5
19	MP2A	X	8.958	3.5
20	MP2A	Mx	.004	3.5
21	MP2B	X	8.958	3.5
22	MP2B	Mx	-.002	3.5
23	MP2C	X	8.958	3.5
24	MP2C	Mx	-.002	3.5
25	MP3A	X	7.461	3.5
26	MP3A	Mx	.004	3.5
27	MP3B	X	7.461	3.5
28	MP3B	Mx	-.002	3.5
29	MP3C	X	7.461	3.5
30	MP3C	Mx	-.002	3.5
31	MP2A	X	3.359	1.5
32	MP2A	Mx	-.002	1.5
33	MP2A	X	3.359	5.5
34	MP2A	Mx	-.002	5.5
35	MP2B	X	3.359	1.5
36	MP2B	Mx	-.000857	1.5
37	MP2B	X	3.359	5.5
38	MP2B	Mx	-.000857	5.5
39	MP2C	X	3.359	1.5
40	MP2C	Mx	.003	1.5
41	MP2C	X	3.359	5.5
42	MP2C	Mx	.003	5.5
43	MP2A	X	3.359	1.5
44	MP2A	Mx	-.002	1.5
45	MP2A	X	3.359	5.5
46	MP2A	Mx	-.002	5.5
47	MP2B	X	3.359	1.5
48	MP2B	Mx	.003	1.5
49	MP2B	X	3.359	5.5
50	MP2B	Mx	.003	5.5
51	MP2C	X	3.359	1.5
52	MP2C	Mx	-.000857	1.5
53	MP2C	X	3.359	5.5
54	MP2C	Mx	-.000857	5.5
55	MP1A	X	1.433	1.5
56	MP1A	Mx	-.000716	1.5
57	MP1A	X	1.433	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	Mx	-.000716	5.5
59	MP1B	X	1.433	1.5
60	MP1B	Mx	.000358	1.5
61	MP1B	X	1.433	5.5
62	MP1B	Mx	.000358	5.5
63	MP1C	X	1.433	1.5
64	MP1C	Mx	.000358	1.5
65	MP1C	X	1.433	5.5
66	MP1C	Mx	.000358	5.5
67	MP4A	X	1.433	1.5
68	MP4A	Mx	-.000716	1.5
69	MP4A	X	1.433	5.5
70	MP4A	Mx	-.000716	5.5
71	MP4B	X	1.433	1.5
72	MP4B	Mx	.000358	1.5
73	MP4B	X	1.433	5.5
74	MP4B	Mx	.000358	5.5
75	MP4C	X	1.433	1.5
76	MP4C	Mx	.000358	1.5
77	MP4C	X	1.433	5.5
78	MP4C	Mx	.000358	5.5
79	MP2A	X	1.868	6
80	MP2A	Mx	.000934	6
81	MP2B	X	1.868	6
82	MP2B	Mx	-.000467	6
83	MP2C	X	1.868	6
84	MP2C	Mx	-.000467	6

Joint Loads and Enforced Displacements

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

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	M1	Y	-6.604	-6.604	0	%100
2	M4	Y	-9.66	-9.66	0	%100
3	M10	Y	-9.66	-9.66	0	%100
4	MP3A	Y	-5.009	-5.009	0	%100
5	MP4A	Y	-5.009	-5.009	0	%100
6	MP2A	Y	-5.009	-5.009	0	%100
7	MP1A	Y	-5.009	-5.009	0	%100
8	M43	Y	-9.66	-9.66	0	%100
9	M46	Y	-10.176	-10.176	0	%100
10	M51B	Y	-5.652	-5.652	0	%100
11	M52B	Y	-5.652	-5.652	0	%100
12	M76	Y	-10.163	-10.163	0	%100
13	M77	Y	-10.163	-10.163	0	%100
14	M80	Y	-10.176	-10.176	0	%100
15	M84	Y	-10.163	-10.163	0	%100
16	M85	Y	-10.163	-10.163	0	%100
17	M91	Y	-10.176	-10.176	0	%100
18	M34	Y	-6.604	-6.604	0	%100
19	M43A	Y	-6.604	-6.604	0	%100
20	M52A	Y	-9.66	-9.66	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
21	M53	Y	-9.66	-9.66	0	%100
22	M54	Y	-9.66	-9.66	0	%100
23	M55	Y	-10.176	-10.176	0	%100
24	M58A	Y	-5.652	-5.652	0	%100
25	M59A	Y	-5.652	-5.652	0	%100
26	M63	Y	-10.163	-10.163	0	%100
27	M64	Y	-10.163	-10.163	0	%100
28	M66	Y	-10.176	-10.176	0	%100
29	M68	Y	-10.163	-10.163	0	%100
30	M69	Y	-10.163	-10.163	0	%100
31	M71	Y	-10.176	-10.176	0	%100
32	M76A	Y	-9.66	-9.66	0	%100
33	M77A	Y	-9.66	-9.66	0	%100
34	M78	Y	-9.66	-9.66	0	%100
35	M79A	Y	-10.176	-10.176	0	%100
36	M82	Y	-5.652	-5.652	0	%100
37	M83A	Y	-5.652	-5.652	0	%100
38	M87	Y	-10.163	-10.163	0	%100
39	M88A	Y	-10.163	-10.163	0	%100
40	M90	Y	-10.176	-10.176	0	%100
41	M92A	Y	-10.163	-10.163	0	%100
42	M93	Y	-10.163	-10.163	0	%100
43	M95	Y	-10.176	-10.176	0	%100
44	M84B	Y	-5.009	-5.009	0	%100
45	M89A	Y	-5.009	-5.009	0	%100
46	M94A	Y	-5.009	-5.009	0	%100
47	MP4C	Y	-5.009	-5.009	0	%100
48	MP2C	Y	-5.009	-5.009	0	%100
49	MP1C	Y	-5.009	-5.009	0	%100
50	MP4B	Y	-5.009	-5.009	0	%100
51	MP2B	Y	-5.009	-5.009	0	%100
52	MP1B	Y	-5.009	-5.009	0	%100
53	M109	Y	-6.654	-6.654	0	%100
54	M112	Y	-6.654	-6.654	0	%100
55	M115	Y	-6.654	-6.654	0	%100
56	MP3C	Y	-5.009	-5.009	0	%100
57	MP3B	Y	-5.009	-5.009	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	0	0	0	%100
2	M1	Z	-14.212	-14.212	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-13.775	-13.775	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-10.007	-10.007	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-10.007	-10.007	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-10.007	-10.007	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-10.007	-10.007	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-13.775	-13.775	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
17	M46	X	0	0	0	%100
18	M46	Z	-25.28	-25.28	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-3.509	-3.509	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-3.509	-3.509	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-6.437	-6.437	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-6.78	-6.78	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-6.437	-6.437	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-6.78	-6.78	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-3.553	-3.553	0	%100
37	M43A	X	0	0	0	%100
38	M43A	Z	-3.553	-3.553	0	%100
39	M52A	X	0	0	0	%100
40	M52A	Z	-12.281	-12.281	0	%100
41	M53	X	0	0	0	%100
42	M53	Z	-3.444	-3.444	0	%100
43	M54	X	0	0	0	%100
44	M54	Z	-3.444	-3.444	0	%100
45	M55	X	0	0	0	%100
46	M55	Z	-6.32	-6.32	0	%100
47	M58A	X	0	0	0	%100
48	M58A	Z	-3.509	-3.509	0	%100
49	M59A	X	0	0	0	%100
50	M59A	Z	-14.038	-14.038	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	-18.96	-18.96	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	-6.437	-6.437	0	%100
55	M66	X	0	0	0	%100
56	M66	Z	-6.78	-6.78	0	%100
57	M68	X	0	0	0	%100
58	M68	Z	-18.96	-18.96	0	%100
59	M69	X	0	0	0	%100
60	M69	Z	-25.749	-25.749	0	%100
61	M71	X	0	0	0	%100
62	M71	Z	-27.12	-27.12	0	%100
63	M76A	X	0	0	0	%100
64	M76A	Z	-12.281	-12.281	0	%100
65	M77A	X	0	0	0	%100
66	M77A	Z	-3.444	-3.444	0	%100
67	M78	X	0	0	0	%100
68	M78	Z	-3.444	-3.444	0	%100
69	M79A	X	0	0	0	%100
70	M79A	Z	-6.32	-6.32	0	%100
71	M82	X	0	0	0	%100
72	M82	Z	-14.038	-14.038	0	%100
73	M83A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
74	M83A	Z	-3.509	-3.509	0	%100
75	M87	X	0	0	0	%100
76	M87	Z	-18.96	-18.96	0	%100
77	M88A	X	0	0	0	%100
78	M88A	Z	-25.749	-25.749	0	%100
79	M90	X	0	0	0	%100
80	M90	Z	-27.12	-27.12	0	%100
81	M92A	X	0	0	0	%100
82	M92A	Z	-18.96	-18.96	0	%100
83	M93	X	0	0	0	%100
84	M93	Z	-6.437	-6.437	0	%100
85	M95	X	0	0	0	%100
86	M95	Z	-6.78	-6.78	0	%100
87	M84B	X	0	0	0	%100
88	M84B	Z	-10.007	-10.007	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	-2.502	-2.502	0	%100
91	M94A	X	0	0	0	%100
92	M94A	Z	-2.502	-2.502	0	%100
93	MP4C	X	0	0	0	%100
94	MP4C	Z	-10.007	-10.007	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-10.007	-10.007	0	%100
97	MP1C	X	0	0	0	%100
98	MP1C	Z	-10.007	-10.007	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	-10.007	-10.007	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	-10.007	-10.007	0	%100
103	MP1B	X	0	0	0	%100
104	MP1B	Z	-10.007	-10.007	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	-11.543	-11.543	0	%100
107	M112	X	0	0	0	%100
108	M112	Z	-2.886	-2.886	0	%100
109	M115	X	0	0	0	%100
110	M115	Z	-2.886	-2.886	0	%100
111	MP3C	X	0	0	0	%100
112	MP3C	Z	-10.007	-10.007	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-10.007	-10.007	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	5.33	5.33	0	%100
2	M1	Z	-9.231	-9.231	0	%100
3	M4	X	2.047	2.047	0	%100
4	M4	Z	-3.545	-3.545	0	%100
5	M10	X	5.166	5.166	0	%100
6	M10	Z	-8.947	-8.947	0	%100
7	MP3A	X	5.003	5.003	0	%100
8	MP3A	Z	-8.666	-8.666	0	%100
9	MP4A	X	5.003	5.003	0	%100
10	MP4A	Z	-8.666	-8.666	0	%100
11	MP2A	X	5.003	5.003	0	%100
12	MP2A	Z	-8.666	-8.666	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
13	MP1A	X	5.003	5.003	0	%100
14	MP1A	Z	-8.666	-8.666	0	%100
15	M43	X	5.166	5.166	0	%100
16	M43	Z	-8.947	-8.947	0	%100
17	M46	X	9.48	9.48	0	%100
18	M46	Z	-16.42	-16.42	0	%100
19	M51B	X	5.264	5.264	0	%100
20	M51B	Z	-9.118	-9.118	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	3.16	3.16	0	%100
24	M76	Z	-5.473	-5.473	0	%100
25	M77	X	9.656	9.656	0	%100
26	M77	Z	-16.724	-16.724	0	%100
27	M80	X	10.17	10.17	0	%100
28	M80	Z	-17.615	-17.615	0	%100
29	M84	X	3.16	3.16	0	%100
30	M84	Z	-5.473	-5.473	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	5.33	5.33	0	%100
36	M34	Z	-9.231	-9.231	0	%100
37	M43A	X	0	0	0	%100
38	M43A	Z	0	0	0	%100
39	M52A	X	2.047	2.047	0	%100
40	M52A	Z	-3.545	-3.545	0	%100
41	M53	X	5.166	5.166	0	%100
42	M53	Z	-8.947	-8.947	0	%100
43	M54	X	5.166	5.166	0	%100
44	M54	Z	-8.947	-8.947	0	%100
45	M55	X	9.48	9.48	0	%100
46	M55	Z	-16.42	-16.42	0	%100
47	M58A	X	0	0	0	%100
48	M58A	Z	0	0	0	%100
49	M59A	X	5.264	5.264	0	%100
50	M59A	Z	-9.118	-9.118	0	%100
51	M63	X	3.16	3.16	0	%100
52	M63	Z	-5.473	-5.473	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	0	0	0	%100
55	M66	X	0	0	0	%100
56	M66	Z	0	0	0	%100
57	M68	X	3.16	3.16	0	%100
58	M68	Z	-5.473	-5.473	0	%100
59	M69	X	9.656	9.656	0	%100
60	M69	Z	-16.724	-16.724	0	%100
61	M71	X	10.17	10.17	0	%100
62	M71	Z	-17.615	-17.615	0	%100
63	M76A	X	8.187	8.187	0	%100
64	M76A	Z	-14.181	-14.181	0	%100
65	M77A	X	0	0	0	%100
66	M77A	Z	0	0	0	%100
67	M78	X	0	0	0	%100
68	M78	Z	0	0	0	%100
69	M79A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
70	M79A	Z	0	0	0	%100
71	M82	X	5.264	5.264	0	%100
72	M82	Z	-9.118	-9.118	0	%100
73	M83A	X	5.264	5.264	0	%100
74	M83A	Z	-9.118	-9.118	0	%100
75	M87	X	12.64	12.64	0	%100
76	M87	Z	-21.893	-21.893	0	%100
77	M88A	X	9.656	9.656	0	%100
78	M88A	Z	-16.724	-16.724	0	%100
79	M90	X	10.17	10.17	0	%100
80	M90	Z	-17.615	-17.615	0	%100
81	M92A	X	12.64	12.64	0	%100
82	M92A	Z	-21.893	-21.893	0	%100
83	M93	X	9.656	9.656	0	%100
84	M93	Z	-16.724	-16.724	0	%100
85	M95	X	10.17	10.17	0	%100
86	M95	Z	-17.615	-17.615	0	%100
87	M84B	X	3.753	3.753	0	%100
88	M84B	Z	-6.5	-6.5	0	%100
89	M89A	X	3.753	3.753	0	%100
90	M89A	Z	-6.5	-6.5	0	%100
91	M94A	X	0	0	0	%100
92	M94A	Z	0	0	0	%100
93	MP4C	X	5.003	5.003	0	%100
94	MP4C	Z	-8.666	-8.666	0	%100
95	MP2C	X	5.003	5.003	0	%100
96	MP2C	Z	-8.666	-8.666	0	%100
97	MP1C	X	5.003	5.003	0	%100
98	MP1C	Z	-8.666	-8.666	0	%100
99	MP4B	X	5.003	5.003	0	%100
100	MP4B	Z	-8.666	-8.666	0	%100
101	MP2B	X	5.003	5.003	0	%100
102	MP2B	Z	-8.666	-8.666	0	%100
103	MP1B	X	5.003	5.003	0	%100
104	MP1B	Z	-8.666	-8.666	0	%100
105	M109	X	4.329	4.329	0	%100
106	M109	Z	-7.497	-7.497	0	%100
107	M112	X	4.329	4.329	0	%100
108	M112	Z	-7.497	-7.497	0	%100
109	M115	X	0	0	0	%100
110	M115	Z	0	0	0	%100
111	MP3C	X	5.003	5.003	0	%100
112	MP3C	Z	-8.666	-8.666	0	%100
113	MP3B	X	5.003	5.003	0	%100
114	MP3B	Z	-8.666	-8.666	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	3.077	3.077	0	%100
2	M1	Z	-1.777	-1.777	0	%100
3	M4	X	10.636	10.636	0	%100
4	M4	Z	-6.141	-6.141	0	%100
5	M10	X	2.982	2.982	0	%100
6	M10	Z	-1.722	-1.722	0	%100
7	MP3A	X	8.666	8.666	0	%100
8	MP3A	Z	-5.003	-5.003	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
9	MP4A	X	8.666	8.666	0	%100
10	MP4A	Z	-5.003	-5.003	0	%100
11	MP2A	X	8.666	8.666	0	%100
12	MP2A	Z	-5.003	-5.003	0	%100
13	MP1A	X	8.666	8.666	0	%100
14	MP1A	Z	-5.003	-5.003	0	%100
15	M43	X	2.982	2.982	0	%100
16	M43	Z	-1.722	-1.722	0	%100
17	M46	X	5.473	5.473	0	%100
18	M46	Z	-3.16	-3.16	0	%100
19	M51B	X	12.157	12.157	0	%100
20	M51B	Z	-7.019	-7.019	0	%100
21	M52B	X	3.039	3.039	0	%100
22	M52B	Z	-1.755	-1.755	0	%100
23	M76	X	16.42	16.42	0	%100
24	M76	Z	-9.48	-9.48	0	%100
25	M77	X	22.299	22.299	0	%100
26	M77	Z	-12.874	-12.874	0	%100
27	M80	X	23.487	23.487	0	%100
28	M80	Z	-13.56	-13.56	0	%100
29	M84	X	16.42	16.42	0	%100
30	M84	Z	-9.48	-9.48	0	%100
31	M85	X	5.575	5.575	0	%100
32	M85	Z	-3.219	-3.219	0	%100
33	M91	X	5.872	5.872	0	%100
34	M91	Z	-3.39	-3.39	0	%100
35	M34	X	12.308	12.308	0	%100
36	M34	Z	-7.106	-7.106	0	%100
37	M43A	X	3.077	3.077	0	%100
38	M43A	Z	-1.777	-1.777	0	%100
39	M52A	X	0	0	0	%100
40	M52A	Z	0	0	0	%100
41	M53	X	11.93	11.93	0	%100
42	M53	Z	-6.888	-6.888	0	%100
43	M54	X	11.93	11.93	0	%100
44	M54	Z	-6.888	-6.888	0	%100
45	M55	X	21.893	21.893	0	%100
46	M55	Z	-12.64	-12.64	0	%100
47	M58A	X	3.039	3.039	0	%100
48	M58A	Z	-1.755	-1.755	0	%100
49	M59A	X	3.039	3.039	0	%100
50	M59A	Z	-1.755	-1.755	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	0	0	0	%100
53	M64	X	5.575	5.575	0	%100
54	M64	Z	-3.219	-3.219	0	%100
55	M66	X	5.872	5.872	0	%100
56	M66	Z	-3.39	-3.39	0	%100
57	M68	X	0	0	0	%100
58	M68	Z	0	0	0	%100
59	M69	X	5.575	5.575	0	%100
60	M69	Z	-3.219	-3.219	0	%100
61	M71	X	5.872	5.872	0	%100
62	M71	Z	-3.39	-3.39	0	%100
63	M76A	X	10.636	10.636	0	%100
64	M76A	Z	-6.141	-6.141	0	%100
65	M77A	X	2.982	2.982	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
66	M77A	Z	-1.722	-1.722	0	%100
67	M78	X	2.982	2.982	0	%100
68	M78	Z	-1.722	-1.722	0	%100
69	M79A	X	5.473	5.473	0	%100
70	M79A	Z	-3.16	-3.16	0	%100
71	M82	X	3.039	3.039	0	%100
72	M82	Z	-1.755	-1.755	0	%100
73	M83A	X	12.157	12.157	0	%100
74	M83A	Z	-7.019	-7.019	0	%100
75	M87	X	16.42	16.42	0	%100
76	M87	Z	-9.48	-9.48	0	%100
77	M88A	X	5.575	5.575	0	%100
78	M88A	Z	-3.219	-3.219	0	%100
79	M90	X	5.872	5.872	0	%100
80	M90	Z	-3.39	-3.39	0	%100
81	M92A	X	16.42	16.42	0	%100
82	M92A	Z	-9.48	-9.48	0	%100
83	M93	X	22.299	22.299	0	%100
84	M93	Z	-12.874	-12.874	0	%100
85	M95	X	23.487	23.487	0	%100
86	M95	Z	-13.56	-13.56	0	%100
87	M84B	X	2.167	2.167	0	%100
88	M84B	Z	-1.251	-1.251	0	%100
89	M89A	X	8.666	8.666	0	%100
90	M89A	Z	-5.003	-5.003	0	%100
91	M94A	X	2.167	2.167	0	%100
92	M94A	Z	-1.251	-1.251	0	%100
93	MP4C	X	8.666	8.666	0	%100
94	MP4C	Z	-5.003	-5.003	0	%100
95	MP2C	X	8.666	8.666	0	%100
96	MP2C	Z	-5.003	-5.003	0	%100
97	MP1C	X	8.666	8.666	0	%100
98	MP1C	Z	-5.003	-5.003	0	%100
99	MP4B	X	8.666	8.666	0	%100
100	MP4B	Z	-5.003	-5.003	0	%100
101	MP2B	X	8.666	8.666	0	%100
102	MP2B	Z	-5.003	-5.003	0	%100
103	MP1B	X	8.666	8.666	0	%100
104	MP1B	Z	-5.003	-5.003	0	%100
105	M109	X	2.499	2.499	0	%100
106	M109	Z	-1.443	-1.443	0	%100
107	M112	X	9.997	9.997	0	%100
108	M112	Z	-5.771	-5.771	0	%100
109	M115	X	2.499	2.499	0	%100
110	M115	Z	-1.443	-1.443	0	%100
111	MP3C	X	8.666	8.666	0	%100
112	MP3C	Z	-5.003	-5.003	0	%100
113	MP3B	X	8.666	8.666	0	%100
114	MP3B	Z	-5.003	-5.003	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	16.375	16.375	0	%100
4	M4	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	10.007	10.007	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	10.007	10.007	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	10.007	10.007	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	10.007	10.007	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	10.528	10.528	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	10.528	10.528	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	25.28	25.28	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	19.311	19.311	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	20.34	20.34	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	25.28	25.28	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	19.311	19.311	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	20.34	20.34	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	10.659	10.659	0	%100
36	M34	Z	0	0	0	%100
37	M43A	X	10.659	10.659	0	%100
38	M43A	Z	0	0	0	%100
39	M52A	X	4.094	4.094	0	%100
40	M52A	Z	0	0	0	%100
41	M53	X	10.332	10.332	0	%100
42	M53	Z	0	0	0	%100
43	M54	X	10.332	10.332	0	%100
44	M54	Z	0	0	0	%100
45	M55	X	18.96	18.96	0	%100
46	M55	Z	0	0	0	%100
47	M58A	X	10.528	10.528	0	%100
48	M58A	Z	0	0	0	%100
49	M59A	X	0	0	0	%100
50	M59A	Z	0	0	0	%100
51	M63	X	6.32	6.32	0	%100
52	M63	Z	0	0	0	%100
53	M64	X	19.311	19.311	0	%100
54	M64	Z	0	0	0	%100
55	M66	X	20.34	20.34	0	%100
56	M66	Z	0	0	0	%100
57	M68	X	6.32	6.32	0	%100
58	M68	Z	0	0	0	%100
59	M69	X	0	0	0	%100
60	M69	Z	0	0	0	%100
61	M71	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
62	M71	Z	0	0	0	%100
63	M76A	X	4.094	4.094	0	%100
64	M76A	Z	0	0	0	%100
65	M77A	X	10.332	10.332	0	%100
66	M77A	Z	0	0	0	%100
67	M78	X	10.332	10.332	0	%100
68	M78	Z	0	0	0	%100
69	M79A	X	18.96	18.96	0	%100
70	M79A	Z	0	0	0	%100
71	M82	X	0	0	0	%100
72	M82	Z	0	0	0	%100
73	M83A	X	10.528	10.528	0	%100
74	M83A	Z	0	0	0	%100
75	M87	X	6.32	6.32	0	%100
76	M87	Z	0	0	0	%100
77	M88A	X	0	0	0	%100
78	M88A	Z	0	0	0	%100
79	M90	X	0	0	0	%100
80	M90	Z	0	0	0	%100
81	M92A	X	6.32	6.32	0	%100
82	M92A	Z	0	0	0	%100
83	M93	X	19.311	19.311	0	%100
84	M93	Z	0	0	0	%100
85	M95	X	20.34	20.34	0	%100
86	M95	Z	0	0	0	%100
87	M84B	X	0	0	0	%100
88	M84B	Z	0	0	0	%100
89	M89A	X	7.505	7.505	0	%100
90	M89A	Z	0	0	0	%100
91	M94A	X	7.505	7.505	0	%100
92	M94A	Z	0	0	0	%100
93	MP4C	X	10.007	10.007	0	%100
94	MP4C	Z	0	0	0	%100
95	MP2C	X	10.007	10.007	0	%100
96	MP2C	Z	0	0	0	%100
97	MP1C	X	10.007	10.007	0	%100
98	MP1C	Z	0	0	0	%100
99	MP4B	X	10.007	10.007	0	%100
100	MP4B	Z	0	0	0	%100
101	MP2B	X	10.007	10.007	0	%100
102	MP2B	Z	0	0	0	%100
103	MP1B	X	10.007	10.007	0	%100
104	MP1B	Z	0	0	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	0	0	0	%100
107	M112	X	8.657	8.657	0	%100
108	M112	Z	0	0	0	%100
109	M115	X	8.657	8.657	0	%100
110	M115	Z	0	0	0	%100
111	MP3C	X	10.007	10.007	0	%100
112	MP3C	Z	0	0	0	%100
113	MP3B	X	10.007	10.007	0	%100
114	MP3B	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	3.077	3.077	0	%100
2	M1	Z	1.777	1.777	0	%100
3	M4	X	10.636	10.636	0	%100
4	M4	Z	6.141	6.141	0	%100
5	M10	X	2.982	2.982	0	%100
6	M10	Z	1.722	1.722	0	%100
7	MP3A	X	8.666	8.666	0	%100
8	MP3A	Z	5.003	5.003	0	%100
9	MP4A	X	8.666	8.666	0	%100
10	MP4A	Z	5.003	5.003	0	%100
11	MP2A	X	8.666	8.666	0	%100
12	MP2A	Z	5.003	5.003	0	%100
13	MP1A	X	8.666	8.666	0	%100
14	MP1A	Z	5.003	5.003	0	%100
15	M43	X	2.982	2.982	0	%100
16	M43	Z	1.722	1.722	0	%100
17	M46	X	5.473	5.473	0	%100
18	M46	Z	3.16	3.16	0	%100
19	M51B	X	3.039	3.039	0	%100
20	M51B	Z	1.755	1.755	0	%100
21	M52B	X	12.157	12.157	0	%100
22	M52B	Z	7.019	7.019	0	%100
23	M76	X	16.42	16.42	0	%100
24	M76	Z	9.48	9.48	0	%100
25	M77	X	5.575	5.575	0	%100
26	M77	Z	3.219	3.219	0	%100
27	M80	X	5.872	5.872	0	%100
28	M80	Z	3.39	3.39	0	%100
29	M84	X	16.42	16.42	0	%100
30	M84	Z	9.48	9.48	0	%100
31	M85	X	22.299	22.299	0	%100
32	M85	Z	12.874	12.874	0	%100
33	M91	X	23.487	23.487	0	%100
34	M91	Z	13.56	13.56	0	%100
35	M34	X	3.077	3.077	0	%100
36	M34	Z	1.777	1.777	0	%100
37	M43A	X	12.308	12.308	0	%100
38	M43A	Z	7.106	7.106	0	%100
39	M52A	X	10.636	10.636	0	%100
40	M52A	Z	6.141	6.141	0	%100
41	M53	X	2.982	2.982	0	%100
42	M53	Z	1.722	1.722	0	%100
43	M54	X	2.982	2.982	0	%100
44	M54	Z	1.722	1.722	0	%100
45	M55	X	5.473	5.473	0	%100
46	M55	Z	3.16	3.16	0	%100
47	M58A	X	12.157	12.157	0	%100
48	M58A	Z	7.019	7.019	0	%100
49	M59A	X	3.039	3.039	0	%100
50	M59A	Z	1.755	1.755	0	%100
51	M63	X	16.42	16.42	0	%100
52	M63	Z	9.48	9.48	0	%100
53	M64	X	22.299	22.299	0	%100
54	M64	Z	12.874	12.874	0	%100
55	M66	X	23.487	23.487	0	%100
56	M66	Z	13.56	13.56	0	%100
57	M68	X	16.42	16.42	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	9.48	9.48	0	%100
59	M69	X	5.575	5.575	0	%100
60	M69	Z	3.219	3.219	0	%100
61	M71	X	5.872	5.872	0	%100
62	M71	Z	3.39	3.39	0	%100
63	M76A	X	0	0	0	%100
64	M76A	Z	0	0	0	%100
65	M77A	X	11.93	11.93	0	%100
66	M77A	Z	6.888	6.888	0	%100
67	M78	X	11.93	11.93	0	%100
68	M78	Z	6.888	6.888	0	%100
69	M79A	X	21.893	21.893	0	%100
70	M79A	Z	12.64	12.64	0	%100
71	M82	X	3.039	3.039	0	%100
72	M82	Z	1.755	1.755	0	%100
73	M83A	X	3.039	3.039	0	%100
74	M83A	Z	1.755	1.755	0	%100
75	M87	X	0	0	0	%100
76	M87	Z	0	0	0	%100
77	M88A	X	5.575	5.575	0	%100
78	M88A	Z	3.219	3.219	0	%100
79	M90	X	5.872	5.872	0	%100
80	M90	Z	3.39	3.39	0	%100
81	M92A	X	0	0	0	%100
82	M92A	Z	0	0	0	%100
83	M93	X	5.575	5.575	0	%100
84	M93	Z	3.219	3.219	0	%100
85	M95	X	5.872	5.872	0	%100
86	M95	Z	3.39	3.39	0	%100
87	M84B	X	2.167	2.167	0	%100
88	M84B	Z	1.251	1.251	0	%100
89	M89A	X	2.167	2.167	0	%100
90	M89A	Z	1.251	1.251	0	%100
91	M94A	X	8.666	8.666	0	%100
92	M94A	Z	5.003	5.003	0	%100
93	MP4C	X	8.666	8.666	0	%100
94	MP4C	Z	5.003	5.003	0	%100
95	MP2C	X	8.666	8.666	0	%100
96	MP2C	Z	5.003	5.003	0	%100
97	MP1C	X	8.666	8.666	0	%100
98	MP1C	Z	5.003	5.003	0	%100
99	MP4B	X	8.666	8.666	0	%100
100	MP4B	Z	5.003	5.003	0	%100
101	MP2B	X	8.666	8.666	0	%100
102	MP2B	Z	5.003	5.003	0	%100
103	MP1B	X	8.666	8.666	0	%100
104	MP1B	Z	5.003	5.003	0	%100
105	M109	X	2.499	2.499	0	%100
106	M109	Z	1.443	1.443	0	%100
107	M112	X	2.499	2.499	0	%100
108	M112	Z	1.443	1.443	0	%100
109	M115	X	9.997	9.997	0	%100
110	M115	Z	5.771	5.771	0	%100
111	MP3C	X	8.666	8.666	0	%100
112	MP3C	Z	5.003	5.003	0	%100
113	MP3B	X	8.666	8.666	0	%100
114	MP3B	Z	5.003	5.003	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	5.33	5.33	0	%100
2	M1	Z	9.231	9.231	0	%100
3	M4	X	2.047	2.047	0	%100
4	M4	Z	3.545	3.545	0	%100
5	M10	X	5.166	5.166	0	%100
6	M10	Z	8.947	8.947	0	%100
7	MP3A	X	5.003	5.003	0	%100
8	MP3A	Z	8.666	8.666	0	%100
9	MP4A	X	5.003	5.003	0	%100
10	MP4A	Z	8.666	8.666	0	%100
11	MP2A	X	5.003	5.003	0	%100
12	MP2A	Z	8.666	8.666	0	%100
13	MP1A	X	5.003	5.003	0	%100
14	MP1A	Z	8.666	8.666	0	%100
15	M43	X	5.166	5.166	0	%100
16	M43	Z	8.947	8.947	0	%100
17	M46	X	9.48	9.48	0	%100
18	M46	Z	16.42	16.42	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	5.264	5.264	0	%100
22	M52B	Z	9.118	9.118	0	%100
23	M76	X	3.16	3.16	0	%100
24	M76	Z	5.473	5.473	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	3.16	3.16	0	%100
30	M84	Z	5.473	5.473	0	%100
31	M85	X	9.656	9.656	0	%100
32	M85	Z	16.724	16.724	0	%100
33	M91	X	10.17	10.17	0	%100
34	M91	Z	17.615	17.615	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M43A	X	5.33	5.33	0	%100
38	M43A	Z	9.231	9.231	0	%100
39	M52A	X	8.187	8.187	0	%100
40	M52A	Z	14.181	14.181	0	%100
41	M53	X	0	0	0	%100
42	M53	Z	0	0	0	%100
43	M54	X	0	0	0	%100
44	M54	Z	0	0	0	%100
45	M55	X	0	0	0	%100
46	M55	Z	0	0	0	%100
47	M58A	X	5.264	5.264	0	%100
48	M58A	Z	9.118	9.118	0	%100
49	M59A	X	5.264	5.264	0	%100
50	M59A	Z	9.118	9.118	0	%100
51	M63	X	12.64	12.64	0	%100
52	M63	Z	21.893	21.893	0	%100
53	M64	X	9.656	9.656	0	%100
54	M64	Z	16.724	16.724	0	%100
55	M66	X	10.17	10.17	0	%100
56	M66	Z	17.615	17.615	0	%100
57	M68	X	12.64	12.64	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	21.893	21.893	0	%100
59	M69	X	9.656	9.656	0	%100
60	M69	Z	16.724	16.724	0	%100
61	M71	X	10.17	10.17	0	%100
62	M71	Z	17.615	17.615	0	%100
63	M76A	X	2.047	2.047	0	%100
64	M76A	Z	3.545	3.545	0	%100
65	M77A	X	5.166	5.166	0	%100
66	M77A	Z	8.947	8.947	0	%100
67	M78	X	5.166	5.166	0	%100
68	M78	Z	8.947	8.947	0	%100
69	M79A	X	9.48	9.48	0	%100
70	M79A	Z	16.42	16.42	0	%100
71	M82	X	5.264	5.264	0	%100
72	M82	Z	9.118	9.118	0	%100
73	M83A	X	0	0	0	%100
74	M83A	Z	0	0	0	%100
75	M87	X	3.16	3.16	0	%100
76	M87	Z	5.473	5.473	0	%100
77	M88A	X	9.656	9.656	0	%100
78	M88A	Z	16.724	16.724	0	%100
79	M90	X	10.17	10.17	0	%100
80	M90	Z	17.615	17.615	0	%100
81	M92A	X	3.16	3.16	0	%100
82	M92A	Z	5.473	5.473	0	%100
83	M93	X	0	0	0	%100
84	M93	Z	0	0	0	%100
85	M95	X	0	0	0	%100
86	M95	Z	0	0	0	%100
87	M84B	X	3.753	3.753	0	%100
88	M84B	Z	6.5	6.5	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	0	0	0	%100
91	M94A	X	3.753	3.753	0	%100
92	M94A	Z	6.5	6.5	0	%100
93	MP4C	X	5.003	5.003	0	%100
94	MP4C	Z	8.666	8.666	0	%100
95	MP2C	X	5.003	5.003	0	%100
96	MP2C	Z	8.666	8.666	0	%100
97	MP1C	X	5.003	5.003	0	%100
98	MP1C	Z	8.666	8.666	0	%100
99	MP4B	X	5.003	5.003	0	%100
100	MP4B	Z	8.666	8.666	0	%100
101	MP2B	X	5.003	5.003	0	%100
102	MP2B	Z	8.666	8.666	0	%100
103	MP1B	X	5.003	5.003	0	%100
104	MP1B	Z	8.666	8.666	0	%100
105	M109	X	4.329	4.329	0	%100
106	M109	Z	7.497	7.497	0	%100
107	M112	X	0	0	0	%100
108	M112	Z	0	0	0	%100
109	M115	X	4.329	4.329	0	%100
110	M115	Z	7.497	7.497	0	%100
111	MP3C	X	5.003	5.003	0	%100
112	MP3C	Z	8.666	8.666	0	%100
113	MP3B	X	5.003	5.003	0	%100
114	MP3B	Z	8.666	8.666	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	0	0	0	%100
2	M1	Z	14.212	14.212	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	13.775	13.775	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	10.007	10.007	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	10.007	10.007	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	10.007	10.007	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	10.007	10.007	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	13.775	13.775	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	25.28	25.28	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	3.509	3.509	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	3.509	3.509	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	6.437	6.437	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	6.78	6.78	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	6.437	6.437	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	6.78	6.78	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	3.553	3.553	0	%100
37	M43A	X	0	0	0	%100
38	M43A	Z	3.553	3.553	0	%100
39	M52A	X	0	0	0	%100
40	M52A	Z	12.281	12.281	0	%100
41	M53	X	0	0	0	%100
42	M53	Z	3.444	3.444	0	%100
43	M54	X	0	0	0	%100
44	M54	Z	3.444	3.444	0	%100
45	M55	X	0	0	0	%100
46	M55	Z	6.32	6.32	0	%100
47	M58A	X	0	0	0	%100
48	M58A	Z	3.509	3.509	0	%100
49	M59A	X	0	0	0	%100
50	M59A	Z	14.038	14.038	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	18.96	18.96	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	6.437	6.437	0	%100
55	M66	X	0	0	0	%100
56	M66	Z	6.78	6.78	0	%100
57	M68	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	18.96	18.96	0	%100
59	M69	X	0	0	0	%100
60	M69	Z	25.749	25.749	0	%100
61	M71	X	0	0	0	%100
62	M71	Z	27.12	27.12	0	%100
63	M76A	X	0	0	0	%100
64	M76A	Z	12.281	12.281	0	%100
65	M77A	X	0	0	0	%100
66	M77A	Z	3.444	3.444	0	%100
67	M78	X	0	0	0	%100
68	M78	Z	3.444	3.444	0	%100
69	M79A	X	0	0	0	%100
70	M79A	Z	6.32	6.32	0	%100
71	M82	X	0	0	0	%100
72	M82	Z	14.038	14.038	0	%100
73	M83A	X	0	0	0	%100
74	M83A	Z	3.509	3.509	0	%100
75	M87	X	0	0	0	%100
76	M87	Z	18.96	18.96	0	%100
77	M88A	X	0	0	0	%100
78	M88A	Z	25.749	25.749	0	%100
79	M90	X	0	0	0	%100
80	M90	Z	27.12	27.12	0	%100
81	M92A	X	0	0	0	%100
82	M92A	Z	18.96	18.96	0	%100
83	M93	X	0	0	0	%100
84	M93	Z	6.437	6.437	0	%100
85	M95	X	0	0	0	%100
86	M95	Z	6.78	6.78	0	%100
87	M84B	X	0	0	0	%100
88	M84B	Z	10.007	10.007	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	2.502	2.502	0	%100
91	M94A	X	0	0	0	%100
92	M94A	Z	2.502	2.502	0	%100
93	MP4C	X	0	0	0	%100
94	MP4C	Z	10.007	10.007	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	10.007	10.007	0	%100
97	MP1C	X	0	0	0	%100
98	MP1C	Z	10.007	10.007	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	10.007	10.007	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	10.007	10.007	0	%100
103	MP1B	X	0	0	0	%100
104	MP1B	Z	10.007	10.007	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	11.543	11.543	0	%100
107	M112	X	0	0	0	%100
108	M112	Z	2.886	2.886	0	%100
109	M115	X	0	0	0	%100
110	M115	Z	2.886	2.886	0	%100
111	MP3C	X	0	0	0	%100
112	MP3C	Z	10.007	10.007	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	10.007	10.007	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	-5.33	-5.33	0	%100
2	M1	Z	9.231	9.231	0	%100
3	M4	X	-2.047	-2.047	0	%100
4	M4	Z	3.545	3.545	0	%100
5	M10	X	-5.166	-5.166	0	%100
6	M10	Z	8.947	8.947	0	%100
7	MP3A	X	-5.003	-5.003	0	%100
8	MP3A	Z	8.666	8.666	0	%100
9	MP4A	X	-5.003	-5.003	0	%100
10	MP4A	Z	8.666	8.666	0	%100
11	MP2A	X	-5.003	-5.003	0	%100
12	MP2A	Z	8.666	8.666	0	%100
13	MP1A	X	-5.003	-5.003	0	%100
14	MP1A	Z	8.666	8.666	0	%100
15	M43	X	-5.166	-5.166	0	%100
16	M43	Z	8.947	8.947	0	%100
17	M46	X	-9.48	-9.48	0	%100
18	M46	Z	16.42	16.42	0	%100
19	M51B	X	-5.264	-5.264	0	%100
20	M51B	Z	9.118	9.118	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-3.16	-3.16	0	%100
24	M76	Z	5.473	5.473	0	%100
25	M77	X	-9.656	-9.656	0	%100
26	M77	Z	16.724	16.724	0	%100
27	M80	X	-10.17	-10.17	0	%100
28	M80	Z	17.615	17.615	0	%100
29	M84	X	-3.16	-3.16	0	%100
30	M84	Z	5.473	5.473	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-5.33	-5.33	0	%100
36	M34	Z	9.231	9.231	0	%100
37	M43A	X	0	0	0	%100
38	M43A	Z	0	0	0	%100
39	M52A	X	-2.047	-2.047	0	%100
40	M52A	Z	3.545	3.545	0	%100
41	M53	X	-5.166	-5.166	0	%100
42	M53	Z	8.947	8.947	0	%100
43	M54	X	-5.166	-5.166	0	%100
44	M54	Z	8.947	8.947	0	%100
45	M55	X	-9.48	-9.48	0	%100
46	M55	Z	16.42	16.42	0	%100
47	M58A	X	0	0	0	%100
48	M58A	Z	0	0	0	%100
49	M59A	X	-5.264	-5.264	0	%100
50	M59A	Z	9.118	9.118	0	%100
51	M63	X	-3.16	-3.16	0	%100
52	M63	Z	5.473	5.473	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	0	0	0	%100
55	M66	X	0	0	0	%100
56	M66	Z	0	0	0	%100
57	M68	X	-3.16	-3.16	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	5.473	5.473	0	%100
59	M69	X	-9.656	-9.656	0	%100
60	M69	Z	16.724	16.724	0	%100
61	M71	X	-10.17	-10.17	0	%100
62	M71	Z	17.615	17.615	0	%100
63	M76A	X	-8.187	-8.187	0	%100
64	M76A	Z	14.181	14.181	0	%100
65	M77A	X	0	0	0	%100
66	M77A	Z	0	0	0	%100
67	M78	X	0	0	0	%100
68	M78	Z	0	0	0	%100
69	M79A	X	0	0	0	%100
70	M79A	Z	0	0	0	%100
71	M82	X	-5.264	-5.264	0	%100
72	M82	Z	9.118	9.118	0	%100
73	M83A	X	-5.264	-5.264	0	%100
74	M83A	Z	9.118	9.118	0	%100
75	M87	X	-12.64	-12.64	0	%100
76	M87	Z	21.893	21.893	0	%100
77	M88A	X	-9.656	-9.656	0	%100
78	M88A	Z	16.724	16.724	0	%100
79	M90	X	-10.17	-10.17	0	%100
80	M90	Z	17.615	17.615	0	%100
81	M92A	X	-12.64	-12.64	0	%100
82	M92A	Z	21.893	21.893	0	%100
83	M93	X	-9.656	-9.656	0	%100
84	M93	Z	16.724	16.724	0	%100
85	M95	X	-10.17	-10.17	0	%100
86	M95	Z	17.615	17.615	0	%100
87	M84B	X	-3.753	-3.753	0	%100
88	M84B	Z	6.5	6.5	0	%100
89	M89A	X	-3.753	-3.753	0	%100
90	M89A	Z	6.5	6.5	0	%100
91	M94A	X	0	0	0	%100
92	M94A	Z	0	0	0	%100
93	MP4C	X	-5.003	-5.003	0	%100
94	MP4C	Z	8.666	8.666	0	%100
95	MP2C	X	-5.003	-5.003	0	%100
96	MP2C	Z	8.666	8.666	0	%100
97	MP1C	X	-5.003	-5.003	0	%100
98	MP1C	Z	8.666	8.666	0	%100
99	MP4B	X	-5.003	-5.003	0	%100
100	MP4B	Z	8.666	8.666	0	%100
101	MP2B	X	-5.003	-5.003	0	%100
102	MP2B	Z	8.666	8.666	0	%100
103	MP1B	X	-5.003	-5.003	0	%100
104	MP1B	Z	8.666	8.666	0	%100
105	M109	X	-4.329	-4.329	0	%100
106	M109	Z	7.497	7.497	0	%100
107	M112	X	-4.329	-4.329	0	%100
108	M112	Z	7.497	7.497	0	%100
109	M115	X	0	0	0	%100
110	M115	Z	0	0	0	%100
111	MP3C	X	-5.003	-5.003	0	%100
112	MP3C	Z	8.666	8.666	0	%100
113	MP3B	X	-5.003	-5.003	0	%100
114	MP3B	Z	8.666	8.666	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	-3.077	-3.077	0	%100
2	M1	Z	1.777	1.777	0	%100
3	M4	X	-10.636	-10.636	0	%100
4	M4	Z	6.141	6.141	0	%100
5	M10	X	-2.982	-2.982	0	%100
6	M10	Z	1.722	1.722	0	%100
7	MP3A	X	-8.666	-8.666	0	%100
8	MP3A	Z	5.003	5.003	0	%100
9	MP4A	X	-8.666	-8.666	0	%100
10	MP4A	Z	5.003	5.003	0	%100
11	MP2A	X	-8.666	-8.666	0	%100
12	MP2A	Z	5.003	5.003	0	%100
13	MP1A	X	-8.666	-8.666	0	%100
14	MP1A	Z	5.003	5.003	0	%100
15	M43	X	-2.982	-2.982	0	%100
16	M43	Z	1.722	1.722	0	%100
17	M46	X	-5.473	-5.473	0	%100
18	M46	Z	3.16	3.16	0	%100
19	M51B	X	-12.157	-12.157	0	%100
20	M51B	Z	7.019	7.019	0	%100
21	M52B	X	-3.039	-3.039	0	%100
22	M52B	Z	1.755	1.755	0	%100
23	M76	X	-16.42	-16.42	0	%100
24	M76	Z	9.48	9.48	0	%100
25	M77	X	-22.299	-22.299	0	%100
26	M77	Z	12.874	12.874	0	%100
27	M80	X	-23.487	-23.487	0	%100
28	M80	Z	13.56	13.56	0	%100
29	M84	X	-16.42	-16.42	0	%100
30	M84	Z	9.48	9.48	0	%100
31	M85	X	-5.575	-5.575	0	%100
32	M85	Z	3.219	3.219	0	%100
33	M91	X	-5.872	-5.872	0	%100
34	M91	Z	3.39	3.39	0	%100
35	M34	X	-12.308	-12.308	0	%100
36	M34	Z	7.106	7.106	0	%100
37	M43A	X	-3.077	-3.077	0	%100
38	M43A	Z	1.777	1.777	0	%100
39	M52A	X	0	0	0	%100
40	M52A	Z	0	0	0	%100
41	M53	X	-11.93	-11.93	0	%100
42	M53	Z	6.888	6.888	0	%100
43	M54	X	-11.93	-11.93	0	%100
44	M54	Z	6.888	6.888	0	%100
45	M55	X	-21.893	-21.893	0	%100
46	M55	Z	12.64	12.64	0	%100
47	M58A	X	-3.039	-3.039	0	%100
48	M58A	Z	1.755	1.755	0	%100
49	M59A	X	-3.039	-3.039	0	%100
50	M59A	Z	1.755	1.755	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	0	0	0	%100
53	M64	X	-5.575	-5.575	0	%100
54	M64	Z	3.219	3.219	0	%100
55	M66	X	-5.872	-5.872	0	%100
56	M66	Z	3.39	3.39	0	%100
57	M68	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	0	0	0	%100
59	M69	X	-5.575	-5.575	0	%100
60	M69	Z	3.219	3.219	0	%100
61	M71	X	-5.872	-5.872	0	%100
62	M71	Z	3.39	3.39	0	%100
63	M76A	X	-10.636	-10.636	0	%100
64	M76A	Z	6.141	6.141	0	%100
65	M77A	X	-2.982	-2.982	0	%100
66	M77A	Z	1.722	1.722	0	%100
67	M78	X	-2.982	-2.982	0	%100
68	M78	Z	1.722	1.722	0	%100
69	M79A	X	-5.473	-5.473	0	%100
70	M79A	Z	3.16	3.16	0	%100
71	M82	X	-3.039	-3.039	0	%100
72	M82	Z	1.755	1.755	0	%100
73	M83A	X	-12.157	-12.157	0	%100
74	M83A	Z	7.019	7.019	0	%100
75	M87	X	-16.42	-16.42	0	%100
76	M87	Z	9.48	9.48	0	%100
77	M88A	X	-5.575	-5.575	0	%100
78	M88A	Z	3.219	3.219	0	%100
79	M90	X	-5.872	-5.872	0	%100
80	M90	Z	3.39	3.39	0	%100
81	M92A	X	-16.42	-16.42	0	%100
82	M92A	Z	9.48	9.48	0	%100
83	M93	X	-22.299	-22.299	0	%100
84	M93	Z	12.874	12.874	0	%100
85	M95	X	-23.487	-23.487	0	%100
86	M95	Z	13.56	13.56	0	%100
87	M84B	X	-2.167	-2.167	0	%100
88	M84B	Z	1.251	1.251	0	%100
89	M89A	X	-8.666	-8.666	0	%100
90	M89A	Z	5.003	5.003	0	%100
91	M94A	X	-2.167	-2.167	0	%100
92	M94A	Z	1.251	1.251	0	%100
93	MP4C	X	-8.666	-8.666	0	%100
94	MP4C	Z	5.003	5.003	0	%100
95	MP2C	X	-8.666	-8.666	0	%100
96	MP2C	Z	5.003	5.003	0	%100
97	MP1C	X	-8.666	-8.666	0	%100
98	MP1C	Z	5.003	5.003	0	%100
99	MP4B	X	-8.666	-8.666	0	%100
100	MP4B	Z	5.003	5.003	0	%100
101	MP2B	X	-8.666	-8.666	0	%100
102	MP2B	Z	5.003	5.003	0	%100
103	MP1B	X	-8.666	-8.666	0	%100
104	MP1B	Z	5.003	5.003	0	%100
105	M109	X	-2.499	-2.499	0	%100
106	M109	Z	1.443	1.443	0	%100
107	M112	X	-9.997	-9.997	0	%100
108	M112	Z	5.771	5.771	0	%100
109	M115	X	-2.499	-2.499	0	%100
110	M115	Z	1.443	1.443	0	%100
111	MP3C	X	-8.666	-8.666	0	%100
112	MP3C	Z	5.003	5.003	0	%100
113	MP3B	X	-8.666	-8.666	0	%100
114	MP3B	Z	5.003	5.003	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-16.375	-16.375	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-10.007	-10.007	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-10.007	-10.007	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-10.007	-10.007	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-10.007	-10.007	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-10.528	-10.528	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-10.528	-10.528	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-25.28	-25.28	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-19.311	-19.311	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-20.34	-20.34	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-25.28	-25.28	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-19.311	-19.311	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-20.34	-20.34	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-10.659	-10.659	0	%100
36	M34	Z	0	0	0	%100
37	M43A	X	-10.659	-10.659	0	%100
38	M43A	Z	0	0	0	%100
39	M52A	X	-4.094	-4.094	0	%100
40	M52A	Z	0	0	0	%100
41	M53	X	-10.332	-10.332	0	%100
42	M53	Z	0	0	0	%100
43	M54	X	-10.332	-10.332	0	%100
44	M54	Z	0	0	0	%100
45	M55	X	-18.96	-18.96	0	%100
46	M55	Z	0	0	0	%100
47	M58A	X	-10.528	-10.528	0	%100
48	M58A	Z	0	0	0	%100
49	M59A	X	0	0	0	%100
50	M59A	Z	0	0	0	%100
51	M63	X	-6.32	-6.32	0	%100
52	M63	Z	0	0	0	%100
53	M64	X	-19.311	-19.311	0	%100
54	M64	Z	0	0	0	%100
55	M66	X	-20.34	-20.34	0	%100
56	M66	Z	0	0	0	%100
57	M68	X	-6.32	-6.32	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	0	0	0	%100
59	M69	X	0	0	0	%100
60	M69	Z	0	0	0	%100
61	M71	X	0	0	0	%100
62	M71	Z	0	0	0	%100
63	M76A	X	-4.094	-4.094	0	%100
64	M76A	Z	0	0	0	%100
65	M77A	X	-10.332	-10.332	0	%100
66	M77A	Z	0	0	0	%100
67	M78	X	-10.332	-10.332	0	%100
68	M78	Z	0	0	0	%100
69	M79A	X	-18.96	-18.96	0	%100
70	M79A	Z	0	0	0	%100
71	M82	X	0	0	0	%100
72	M82	Z	0	0	0	%100
73	M83A	X	-10.528	-10.528	0	%100
74	M83A	Z	0	0	0	%100
75	M87	X	-6.32	-6.32	0	%100
76	M87	Z	0	0	0	%100
77	M88A	X	0	0	0	%100
78	M88A	Z	0	0	0	%100
79	M90	X	0	0	0	%100
80	M90	Z	0	0	0	%100
81	M92A	X	-6.32	-6.32	0	%100
82	M92A	Z	0	0	0	%100
83	M93	X	-19.311	-19.311	0	%100
84	M93	Z	0	0	0	%100
85	M95	X	-20.34	-20.34	0	%100
86	M95	Z	0	0	0	%100
87	M84B	X	0	0	0	%100
88	M84B	Z	0	0	0	%100
89	M89A	X	-7.505	-7.505	0	%100
90	M89A	Z	0	0	0	%100
91	M94A	X	-7.505	-7.505	0	%100
92	M94A	Z	0	0	0	%100
93	MP4C	X	-10.007	-10.007	0	%100
94	MP4C	Z	0	0	0	%100
95	MP2C	X	-10.007	-10.007	0	%100
96	MP2C	Z	0	0	0	%100
97	MP1C	X	-10.007	-10.007	0	%100
98	MP1C	Z	0	0	0	%100
99	MP4B	X	-10.007	-10.007	0	%100
100	MP4B	Z	0	0	0	%100
101	MP2B	X	-10.007	-10.007	0	%100
102	MP2B	Z	0	0	0	%100
103	MP1B	X	-10.007	-10.007	0	%100
104	MP1B	Z	0	0	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	0	0	0	%100
107	M112	X	-8.657	-8.657	0	%100
108	M112	Z	0	0	0	%100
109	M115	X	-8.657	-8.657	0	%100
110	M115	Z	0	0	0	%100
111	MP3C	X	-10.007	-10.007	0	%100
112	MP3C	Z	0	0	0	%100
113	MP3B	X	-10.007	-10.007	0	%100
114	MP3B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	-3.077	-3.077	0	%100
2	M1	Z	-1.777	-1.777	0	%100
3	M4	X	-10.636	-10.636	0	%100
4	M4	Z	-6.141	-6.141	0	%100
5	M10	X	-2.982	-2.982	0	%100
6	M10	Z	-1.722	-1.722	0	%100
7	MP3A	X	-8.666	-8.666	0	%100
8	MP3A	Z	-5.003	-5.003	0	%100
9	MP4A	X	-8.666	-8.666	0	%100
10	MP4A	Z	-5.003	-5.003	0	%100
11	MP2A	X	-8.666	-8.666	0	%100
12	MP2A	Z	-5.003	-5.003	0	%100
13	MP1A	X	-8.666	-8.666	0	%100
14	MP1A	Z	-5.003	-5.003	0	%100
15	M43	X	-2.982	-2.982	0	%100
16	M43	Z	-1.722	-1.722	0	%100
17	M46	X	-5.473	-5.473	0	%100
18	M46	Z	-3.16	-3.16	0	%100
19	M51B	X	-3.039	-3.039	0	%100
20	M51B	Z	-1.755	-1.755	0	%100
21	M52B	X	-12.157	-12.157	0	%100
22	M52B	Z	-7.019	-7.019	0	%100
23	M76	X	-16.42	-16.42	0	%100
24	M76	Z	-9.48	-9.48	0	%100
25	M77	X	-5.575	-5.575	0	%100
26	M77	Z	-3.219	-3.219	0	%100
27	M80	X	-5.872	-5.872	0	%100
28	M80	Z	-3.39	-3.39	0	%100
29	M84	X	-16.42	-16.42	0	%100
30	M84	Z	-9.48	-9.48	0	%100
31	M85	X	-22.299	-22.299	0	%100
32	M85	Z	-12.874	-12.874	0	%100
33	M91	X	-23.487	-23.487	0	%100
34	M91	Z	-13.56	-13.56	0	%100
35	M34	X	-3.077	-3.077	0	%100
36	M34	Z	-1.777	-1.777	0	%100
37	M43A	X	-12.308	-12.308	0	%100
38	M43A	Z	-7.106	-7.106	0	%100
39	M52A	X	-10.636	-10.636	0	%100
40	M52A	Z	-6.141	-6.141	0	%100
41	M53	X	-2.982	-2.982	0	%100
42	M53	Z	-1.722	-1.722	0	%100
43	M54	X	-2.982	-2.982	0	%100
44	M54	Z	-1.722	-1.722	0	%100
45	M55	X	-5.473	-5.473	0	%100
46	M55	Z	-3.16	-3.16	0	%100
47	M58A	X	-12.157	-12.157	0	%100
48	M58A	Z	-7.019	-7.019	0	%100
49	M59A	X	-3.039	-3.039	0	%100
50	M59A	Z	-1.755	-1.755	0	%100
51	M63	X	-16.42	-16.42	0	%100
52	M63	Z	-9.48	-9.48	0	%100
53	M64	X	-22.299	-22.299	0	%100
54	M64	Z	-12.874	-12.874	0	%100
55	M66	X	-23.487	-23.487	0	%100
56	M66	Z	-13.56	-13.56	0	%100
57	M68	X	-16.42	-16.42	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	-9.48	-9.48	0	%100
59	M69	X	-5.575	-5.575	0	%100
60	M69	Z	-3.219	-3.219	0	%100
61	M71	X	-5.872	-5.872	0	%100
62	M71	Z	-3.39	-3.39	0	%100
63	M76A	X	0	0	0	%100
64	M76A	Z	0	0	0	%100
65	M77A	X	-11.93	-11.93	0	%100
66	M77A	Z	-6.888	-6.888	0	%100
67	M78	X	-11.93	-11.93	0	%100
68	M78	Z	-6.888	-6.888	0	%100
69	M79A	X	-21.893	-21.893	0	%100
70	M79A	Z	-12.64	-12.64	0	%100
71	M82	X	-3.039	-3.039	0	%100
72	M82	Z	-1.755	-1.755	0	%100
73	M83A	X	-3.039	-3.039	0	%100
74	M83A	Z	-1.755	-1.755	0	%100
75	M87	X	0	0	0	%100
76	M87	Z	0	0	0	%100
77	M88A	X	-5.575	-5.575	0	%100
78	M88A	Z	-3.219	-3.219	0	%100
79	M90	X	-5.872	-5.872	0	%100
80	M90	Z	-3.39	-3.39	0	%100
81	M92A	X	0	0	0	%100
82	M92A	Z	0	0	0	%100
83	M93	X	-5.575	-5.575	0	%100
84	M93	Z	-3.219	-3.219	0	%100
85	M95	X	-5.872	-5.872	0	%100
86	M95	Z	-3.39	-3.39	0	%100
87	M84B	X	-2.167	-2.167	0	%100
88	M84B	Z	-1.251	-1.251	0	%100
89	M89A	X	-2.167	-2.167	0	%100
90	M89A	Z	-1.251	-1.251	0	%100
91	M94A	X	-8.666	-8.666	0	%100
92	M94A	Z	-5.003	-5.003	0	%100
93	MP4C	X	-8.666	-8.666	0	%100
94	MP4C	Z	-5.003	-5.003	0	%100
95	MP2C	X	-8.666	-8.666	0	%100
96	MP2C	Z	-5.003	-5.003	0	%100
97	MP1C	X	-8.666	-8.666	0	%100
98	MP1C	Z	-5.003	-5.003	0	%100
99	MP4B	X	-8.666	-8.666	0	%100
100	MP4B	Z	-5.003	-5.003	0	%100
101	MP2B	X	-8.666	-8.666	0	%100
102	MP2B	Z	-5.003	-5.003	0	%100
103	MP1B	X	-8.666	-8.666	0	%100
104	MP1B	Z	-5.003	-5.003	0	%100
105	M109	X	-2.499	-2.499	0	%100
106	M109	Z	-1.443	-1.443	0	%100
107	M112	X	-2.499	-2.499	0	%100
108	M112	Z	-1.443	-1.443	0	%100
109	M115	X	-9.997	-9.997	0	%100
110	M115	Z	-5.771	-5.771	0	%100
111	MP3C	X	-8.666	-8.666	0	%100
112	MP3C	Z	-5.003	-5.003	0	%100
113	MP3B	X	-8.666	-8.666	0	%100
114	MP3B	Z	-5.003	-5.003	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	-5.33	-5.33	0	%100
2	M1	Z	-9.231	-9.231	0	%100
3	M4	X	-2.047	-2.047	0	%100
4	M4	Z	-3.545	-3.545	0	%100
5	M10	X	-5.166	-5.166	0	%100
6	M10	Z	-8.947	-8.947	0	%100
7	MP3A	X	-5.003	-5.003	0	%100
8	MP3A	Z	-8.666	-8.666	0	%100
9	MP4A	X	-5.003	-5.003	0	%100
10	MP4A	Z	-8.666	-8.666	0	%100
11	MP2A	X	-5.003	-5.003	0	%100
12	MP2A	Z	-8.666	-8.666	0	%100
13	MP1A	X	-5.003	-5.003	0	%100
14	MP1A	Z	-8.666	-8.666	0	%100
15	M43	X	-5.166	-5.166	0	%100
16	M43	Z	-8.947	-8.947	0	%100
17	M46	X	-9.48	-9.48	0	%100
18	M46	Z	-16.42	-16.42	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-5.264	-5.264	0	%100
22	M52B	Z	-9.118	-9.118	0	%100
23	M76	X	-3.16	-3.16	0	%100
24	M76	Z	-5.473	-5.473	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-3.16	-3.16	0	%100
30	M84	Z	-5.473	-5.473	0	%100
31	M85	X	-9.656	-9.656	0	%100
32	M85	Z	-16.724	-16.724	0	%100
33	M91	X	-10.17	-10.17	0	%100
34	M91	Z	-17.615	-17.615	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M43A	X	-5.33	-5.33	0	%100
38	M43A	Z	-9.231	-9.231	0	%100
39	M52A	X	-8.187	-8.187	0	%100
40	M52A	Z	-14.181	-14.181	0	%100
41	M53	X	0	0	0	%100
42	M53	Z	0	0	0	%100
43	M54	X	0	0	0	%100
44	M54	Z	0	0	0	%100
45	M55	X	0	0	0	%100
46	M55	Z	0	0	0	%100
47	M58A	X	-5.264	-5.264	0	%100
48	M58A	Z	-9.118	-9.118	0	%100
49	M59A	X	-5.264	-5.264	0	%100
50	M59A	Z	-9.118	-9.118	0	%100
51	M63	X	-12.64	-12.64	0	%100
52	M63	Z	-21.893	-21.893	0	%100
53	M64	X	-9.656	-9.656	0	%100
54	M64	Z	-16.724	-16.724	0	%100
55	M66	X	-10.17	-10.17	0	%100
56	M66	Z	-17.615	-17.615	0	%100
57	M68	X	-12.64	-12.64	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	-21.893	-21.893	0	%100
59	M69	X	-9.656	-9.656	0	%100
60	M69	Z	-16.724	-16.724	0	%100
61	M71	X	-10.17	-10.17	0	%100
62	M71	Z	-17.615	-17.615	0	%100
63	M76A	X	-2.047	-2.047	0	%100
64	M76A	Z	-3.545	-3.545	0	%100
65	M77A	X	-5.166	-5.166	0	%100
66	M77A	Z	-8.947	-8.947	0	%100
67	M78	X	-5.166	-5.166	0	%100
68	M78	Z	-8.947	-8.947	0	%100
69	M79A	X	-9.48	-9.48	0	%100
70	M79A	Z	-16.42	-16.42	0	%100
71	M82	X	-5.264	-5.264	0	%100
72	M82	Z	-9.118	-9.118	0	%100
73	M83A	X	0	0	0	%100
74	M83A	Z	0	0	0	%100
75	M87	X	-3.16	-3.16	0	%100
76	M87	Z	-5.473	-5.473	0	%100
77	M88A	X	-9.656	-9.656	0	%100
78	M88A	Z	-16.724	-16.724	0	%100
79	M90	X	-10.17	-10.17	0	%100
80	M90	Z	-17.615	-17.615	0	%100
81	M92A	X	-3.16	-3.16	0	%100
82	M92A	Z	-5.473	-5.473	0	%100
83	M93	X	0	0	0	%100
84	M93	Z	0	0	0	%100
85	M95	X	0	0	0	%100
86	M95	Z	0	0	0	%100
87	M84B	X	-3.753	-3.753	0	%100
88	M84B	Z	-6.5	-6.5	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	0	0	0	%100
91	M94A	X	-3.753	-3.753	0	%100
92	M94A	Z	-6.5	-6.5	0	%100
93	MP4C	X	-5.003	-5.003	0	%100
94	MP4C	Z	-8.666	-8.666	0	%100
95	MP2C	X	-5.003	-5.003	0	%100
96	MP2C	Z	-8.666	-8.666	0	%100
97	MP1C	X	-5.003	-5.003	0	%100
98	MP1C	Z	-8.666	-8.666	0	%100
99	MP4B	X	-5.003	-5.003	0	%100
100	MP4B	Z	-8.666	-8.666	0	%100
101	MP2B	X	-5.003	-5.003	0	%100
102	MP2B	Z	-8.666	-8.666	0	%100
103	MP1B	X	-5.003	-5.003	0	%100
104	MP1B	Z	-8.666	-8.666	0	%100
105	M109	X	-4.329	-4.329	0	%100
106	M109	Z	-7.497	-7.497	0	%100
107	M112	X	0	0	0	%100
108	M112	Z	0	0	0	%100
109	M115	X	-4.329	-4.329	0	%100
110	M115	Z	-7.497	-7.497	0	%100
111	MP3C	X	-5.003	-5.003	0	%100
112	MP3C	Z	-8.666	-8.666	0	%100
113	MP3B	X	-5.003	-5.003	0	%100
114	MP3B	Z	-8.666	-8.666	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	0	0	0	%100
2	M1	Z	-4.257	-4.257	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-3.689	-3.689	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-3.434	-3.434	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-3.434	-3.434	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-3.434	-3.434	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-3.434	-3.434	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-3.689	-3.689	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-5.468	-5.468	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-1.006	-1.006	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-1.006	-1.006	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-1.365	-1.365	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-1.425	-1.425	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-1.365	-1.365	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-1.425	-1.425	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-1.064	-1.064	0	%100
37	M43A	X	0	0	0	%100
38	M43A	Z	-1.064	-1.064	0	%100
39	M52A	X	0	0	0	%100
40	M52A	Z	-3.405	-3.405	0	%100
41	M53	X	0	0	0	%100
42	M53	Z	-.922	-.922	0	%100
43	M54	X	0	0	0	%100
44	M54	Z	-.922	-.922	0	%100
45	M55	X	0	0	0	%100
46	M55	Z	-1.367	-1.367	0	%100
47	M58A	X	0	0	0	%100
48	M58A	Z	-1.006	-1.006	0	%100
49	M59A	X	0	0	0	%100
50	M59A	Z	-4.025	-4.025	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	-4.034	-4.034	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	-1.365	-1.365	0	%100
55	M66	X	0	0	0	%100
56	M66	Z	-1.425	-1.425	0	%100
57	M68	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	-4.034	-4.034	0	%100
59	M69	X	0	0	0	%100
60	M69	Z	-5.46	-5.46	0	%100
61	M71	X	0	0	0	%100
62	M71	Z	-5.698	-5.698	0	%100
63	M76A	X	0	0	0	%100
64	M76A	Z	-3.405	-3.405	0	%100
65	M77A	X	0	0	0	%100
66	M77A	Z	-.922	-.922	0	%100
67	M78	X	0	0	0	%100
68	M78	Z	-.922	-.922	0	%100
69	M79A	X	0	0	0	%100
70	M79A	Z	-1.367	-1.367	0	%100
71	M82	X	0	0	0	%100
72	M82	Z	-4.025	-4.025	0	%100
73	M83A	X	0	0	0	%100
74	M83A	Z	-1.006	-1.006	0	%100
75	M87	X	0	0	0	%100
76	M87	Z	-4.034	-4.034	0	%100
77	M88A	X	0	0	0	%100
78	M88A	Z	-5.46	-5.46	0	%100
79	M90	X	0	0	0	%100
80	M90	Z	-5.698	-5.698	0	%100
81	M92A	X	0	0	0	%100
82	M92A	Z	-4.034	-4.034	0	%100
83	M93	X	0	0	0	%100
84	M93	Z	-1.365	-1.365	0	%100
85	M95	X	0	0	0	%100
86	M95	Z	-1.425	-1.425	0	%100
87	M84B	X	0	0	0	%100
88	M84B	Z	-3.434	-3.434	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	-.859	-.859	0	%100
91	M94A	X	0	0	0	%100
92	M94A	Z	-.859	-.859	0	%100
93	MP4C	X	0	0	0	%100
94	MP4C	Z	-3.434	-3.434	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-3.434	-3.434	0	%100
97	MP1C	X	0	0	0	%100
98	MP1C	Z	-3.434	-3.434	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	-3.434	-3.434	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	-3.434	-3.434	0	%100
103	MP1B	X	0	0	0	%100
104	MP1B	Z	-3.434	-3.434	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	-3.088	-3.088	0	%100
107	M112	X	0	0	0	%100
108	M112	Z	-.772	-.772	0	%100
109	M115	X	0	0	0	%100
110	M115	Z	-.772	-.772	0	%100
111	MP3C	X	0	0	0	%100
112	MP3C	Z	-3.434	-3.434	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-3.434	-3.434	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	1.596	1.596	0	%100
2	M1	Z	-2.765	-2.765	0	%100
3	M4	X	.567	.567	0	%100
4	M4	Z	-.983	-.983	0	%100
5	M10	X	1.383	1.383	0	%100
6	M10	Z	-2.396	-2.396	0	%100
7	MP3A	X	1.717	1.717	0	%100
8	MP3A	Z	-2.974	-2.974	0	%100
9	MP4A	X	1.717	1.717	0	%100
10	MP4A	Z	-2.974	-2.974	0	%100
11	MP2A	X	1.717	1.717	0	%100
12	MP2A	Z	-2.974	-2.974	0	%100
13	MP1A	X	1.717	1.717	0	%100
14	MP1A	Z	-2.974	-2.974	0	%100
15	M43	X	1.383	1.383	0	%100
16	M43	Z	-2.396	-2.396	0	%100
17	M46	X	2.05	2.05	0	%100
18	M46	Z	-3.552	-3.552	0	%100
19	M51B	X	1.509	1.509	0	%100
20	M51B	Z	-2.614	-2.614	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.672	.672	0	%100
24	M76	Z	-1.165	-1.165	0	%100
25	M77	X	2.048	2.048	0	%100
26	M77	Z	-3.546	-3.546	0	%100
27	M80	X	2.137	2.137	0	%100
28	M80	Z	-3.701	-3.701	0	%100
29	M84	X	.672	.672	0	%100
30	M84	Z	-1.165	-1.165	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	1.596	1.596	0	%100
36	M34	Z	-2.765	-2.765	0	%100
37	M43A	X	0	0	0	%100
38	M43A	Z	0	0	0	%100
39	M52A	X	.567	.567	0	%100
40	M52A	Z	-.983	-.983	0	%100
41	M53	X	1.383	1.383	0	%100
42	M53	Z	-2.396	-2.396	0	%100
43	M54	X	1.383	1.383	0	%100
44	M54	Z	-2.396	-2.396	0	%100
45	M55	X	2.05	2.05	0	%100
46	M55	Z	-3.552	-3.552	0	%100
47	M58A	X	0	0	0	%100
48	M58A	Z	0	0	0	%100
49	M59A	X	1.509	1.509	0	%100
50	M59A	Z	-2.614	-2.614	0	%100
51	M63	X	.672	.672	0	%100
52	M63	Z	-1.165	-1.165	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	0	0	0	%100
55	M66	X	0	0	0	%100
56	M66	Z	0	0	0	%100
57	M68	X	.672	.672	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	-1.165	-1.165	0	%100
59	M69	X	2.048	2.048	0	%100
60	M69	Z	-3.546	-3.546	0	%100
61	M71	X	2.137	2.137	0	%100
62	M71	Z	-3.701	-3.701	0	%100
63	M76A	X	2.27	2.27	0	%100
64	M76A	Z	-3.932	-3.932	0	%100
65	M77A	X	0	0	0	%100
66	M77A	Z	0	0	0	%100
67	M78	X	0	0	0	%100
68	M78	Z	0	0	0	%100
69	M79A	X	0	0	0	%100
70	M79A	Z	0	0	0	%100
71	M82	X	1.509	1.509	0	%100
72	M82	Z	-2.614	-2.614	0	%100
73	M83A	X	1.509	1.509	0	%100
74	M83A	Z	-2.614	-2.614	0	%100
75	M87	X	2.689	2.689	0	%100
76	M87	Z	-4.658	-4.658	0	%100
77	M88A	X	2.048	2.048	0	%100
78	M88A	Z	-3.546	-3.546	0	%100
79	M90	X	2.137	2.137	0	%100
80	M90	Z	-3.701	-3.701	0	%100
81	M92A	X	2.689	2.689	0	%100
82	M92A	Z	-4.658	-4.658	0	%100
83	M93	X	2.048	2.048	0	%100
84	M93	Z	-3.546	-3.546	0	%100
85	M95	X	2.137	2.137	0	%100
86	M95	Z	-3.701	-3.701	0	%100
87	M84B	X	1.288	1.288	0	%100
88	M84B	Z	-2.231	-2.231	0	%100
89	M89A	X	1.288	1.288	0	%100
90	M89A	Z	-2.231	-2.231	0	%100
91	M94A	X	0	0	0	%100
92	M94A	Z	0	0	0	%100
93	MP4C	X	1.717	1.717	0	%100
94	MP4C	Z	-2.974	-2.974	0	%100
95	MP2C	X	1.717	1.717	0	%100
96	MP2C	Z	-2.974	-2.974	0	%100
97	MP1C	X	1.717	1.717	0	%100
98	MP1C	Z	-2.974	-2.974	0	%100
99	MP4B	X	1.717	1.717	0	%100
100	MP4B	Z	-2.974	-2.974	0	%100
101	MP2B	X	1.717	1.717	0	%100
102	MP2B	Z	-2.974	-2.974	0	%100
103	MP1B	X	1.717	1.717	0	%100
104	MP1B	Z	-2.974	-2.974	0	%100
105	M109	X	1.158	1.158	0	%100
106	M109	Z	-2.005	-2.005	0	%100
107	M112	X	1.158	1.158	0	%100
108	M112	Z	-2.005	-2.005	0	%100
109	M115	X	0	0	0	%100
110	M115	Z	0	0	0	%100
111	MP3C	X	1.717	1.717	0	%100
112	MP3C	Z	-2.974	-2.974	0	%100
113	MP3B	X	1.717	1.717	0	%100
114	MP3B	Z	-2.974	-2.974	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	.922	.922	0	%100
2	M1	Z	-.532	-.532	0	%100
3	M4	X	2.949	2.949	0	%100
4	M4	Z	-1.702	-1.702	0	%100
5	M10	X	.799	.799	0	%100
6	M10	Z	-.461	-.461	0	%100
7	MP3A	X	2.974	2.974	0	%100
8	MP3A	Z	-1.717	-1.717	0	%100
9	MP4A	X	2.974	2.974	0	%100
10	MP4A	Z	-1.717	-1.717	0	%100
11	MP2A	X	2.974	2.974	0	%100
12	MP2A	Z	-1.717	-1.717	0	%100
13	MP1A	X	2.974	2.974	0	%100
14	MP1A	Z	-1.717	-1.717	0	%100
15	M43	X	.799	.799	0	%100
16	M43	Z	-.461	-.461	0	%100
17	M46	X	1.184	1.184	0	%100
18	M46	Z	-.683	-.683	0	%100
19	M51B	X	3.486	3.486	0	%100
20	M51B	Z	-2.012	-2.012	0	%100
21	M52B	X	.871	.871	0	%100
22	M52B	Z	-.503	-.503	0	%100
23	M76	X	3.494	3.494	0	%100
24	M76	Z	-2.017	-2.017	0	%100
25	M77	X	4.729	4.729	0	%100
26	M77	Z	-2.73	-2.73	0	%100
27	M80	X	4.935	4.935	0	%100
28	M80	Z	-2.849	-2.849	0	%100
29	M84	X	3.494	3.494	0	%100
30	M84	Z	-2.017	-2.017	0	%100
31	M85	X	1.182	1.182	0	%100
32	M85	Z	-.683	-.683	0	%100
33	M91	X	1.234	1.234	0	%100
34	M91	Z	-.712	-.712	0	%100
35	M34	X	3.687	3.687	0	%100
36	M34	Z	-2.129	-2.129	0	%100
37	M43A	X	.922	.922	0	%100
38	M43A	Z	-.532	-.532	0	%100
39	M52A	X	0	0	0	%100
40	M52A	Z	0	0	0	%100
41	M53	X	3.195	3.195	0	%100
42	M53	Z	-1.844	-1.844	0	%100
43	M54	X	3.195	3.195	0	%100
44	M54	Z	-1.844	-1.844	0	%100
45	M55	X	4.735	4.735	0	%100
46	M55	Z	-2.734	-2.734	0	%100
47	M58A	X	.871	.871	0	%100
48	M58A	Z	-.503	-.503	0	%100
49	M59A	X	.871	.871	0	%100
50	M59A	Z	-.503	-.503	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	0	0	0	%100
53	M64	X	1.182	1.182	0	%100
54	M64	Z	-.683	-.683	0	%100
55	M66	X	1.234	1.234	0	%100
56	M66	Z	-.712	-.712	0	%100
57	M68	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	0	0	0	%100
59	M69	X	1.182	1.182	0	%100
60	M69	Z	-.683	-.683	0	%100
61	M71	X	1.234	1.234	0	%100
62	M71	Z	-.712	-.712	0	%100
63	M76A	X	2.949	2.949	0	%100
64	M76A	Z	-1.702	-1.702	0	%100
65	M77A	X	.799	.799	0	%100
66	M77A	Z	-.461	-.461	0	%100
67	M78	X	.799	.799	0	%100
68	M78	Z	-.461	-.461	0	%100
69	M79A	X	1.184	1.184	0	%100
70	M79A	Z	-.683	-.683	0	%100
71	M82	X	.871	.871	0	%100
72	M82	Z	-.503	-.503	0	%100
73	M83A	X	3.486	3.486	0	%100
74	M83A	Z	-2.012	-2.012	0	%100
75	M87	X	3.494	3.494	0	%100
76	M87	Z	-2.017	-2.017	0	%100
77	M88A	X	1.182	1.182	0	%100
78	M88A	Z	-.683	-.683	0	%100
79	M90	X	1.234	1.234	0	%100
80	M90	Z	-.712	-.712	0	%100
81	M92A	X	3.494	3.494	0	%100
82	M92A	Z	-2.017	-2.017	0	%100
83	M93	X	4.729	4.729	0	%100
84	M93	Z	-2.73	-2.73	0	%100
85	M95	X	4.935	4.935	0	%100
86	M95	Z	-2.849	-2.849	0	%100
87	M84B	X	.744	.744	0	%100
88	M84B	Z	-.429	-.429	0	%100
89	M89A	X	2.974	2.974	0	%100
90	M89A	Z	-1.717	-1.717	0	%100
91	M94A	X	.744	.744	0	%100
92	M94A	Z	-.429	-.429	0	%100
93	MP4C	X	2.974	2.974	0	%100
94	MP4C	Z	-1.717	-1.717	0	%100
95	MP2C	X	2.974	2.974	0	%100
96	MP2C	Z	-1.717	-1.717	0	%100
97	MP1C	X	2.974	2.974	0	%100
98	MP1C	Z	-1.717	-1.717	0	%100
99	MP4B	X	2.974	2.974	0	%100
100	MP4B	Z	-1.717	-1.717	0	%100
101	MP2B	X	2.974	2.974	0	%100
102	MP2B	Z	-1.717	-1.717	0	%100
103	MP1B	X	2.974	2.974	0	%100
104	MP1B	Z	-1.717	-1.717	0	%100
105	M109	X	.668	.668	0	%100
106	M109	Z	-.386	-.386	0	%100
107	M112	X	2.674	2.674	0	%100
108	M112	Z	-1.544	-1.544	0	%100
109	M115	X	.668	.668	0	%100
110	M115	Z	-.386	-.386	0	%100
111	MP3C	X	2.974	2.974	0	%100
112	MP3C	Z	-1.717	-1.717	0	%100
113	MP3B	X	2.974	2.974	0	%100
114	MP3B	Z	-1.717	-1.717	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	4.54	4.54	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	3.434	3.434	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	3.434	3.434	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	3.434	3.434	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	3.434	3.434	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	3.019	3.019	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	3.019	3.019	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	5.379	5.379	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	4.095	4.095	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	4.274	4.274	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	5.379	5.379	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	4.095	4.095	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	4.274	4.274	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	3.193	3.193	0	%100
36	M34	Z	0	0	0	%100
37	M43A	X	3.193	3.193	0	%100
38	M43A	Z	0	0	0	%100
39	M52A	X	1.135	1.135	0	%100
40	M52A	Z	0	0	0	%100
41	M53	X	2.767	2.767	0	%100
42	M53	Z	0	0	0	%100
43	M54	X	2.767	2.767	0	%100
44	M54	Z	0	0	0	%100
45	M55	X	4.101	4.101	0	%100
46	M55	Z	0	0	0	%100
47	M58A	X	3.019	3.019	0	%100
48	M58A	Z	0	0	0	%100
49	M59A	X	0	0	0	%100
50	M59A	Z	0	0	0	%100
51	M63	X	1.345	1.345	0	%100
52	M63	Z	0	0	0	%100
53	M64	X	4.095	4.095	0	%100
54	M64	Z	0	0	0	%100
55	M66	X	4.274	4.274	0	%100
56	M66	Z	0	0	0	%100
57	M68	X	1.345	1.345	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	0	0	0	%100
59	M69	X	0	0	0	%100
60	M69	Z	0	0	0	%100
61	M71	X	0	0	0	%100
62	M71	Z	0	0	0	%100
63	M76A	X	1.135	1.135	0	%100
64	M76A	Z	0	0	0	%100
65	M77A	X	2.767	2.767	0	%100
66	M77A	Z	0	0	0	%100
67	M78	X	2.767	2.767	0	%100
68	M78	Z	0	0	0	%100
69	M79A	X	4.101	4.101	0	%100
70	M79A	Z	0	0	0	%100
71	M82	X	0	0	0	%100
72	M82	Z	0	0	0	%100
73	M83A	X	3.019	3.019	0	%100
74	M83A	Z	0	0	0	%100
75	M87	X	1.345	1.345	0	%100
76	M87	Z	0	0	0	%100
77	M88A	X	0	0	0	%100
78	M88A	Z	0	0	0	%100
79	M90	X	0	0	0	%100
80	M90	Z	0	0	0	%100
81	M92A	X	1.345	1.345	0	%100
82	M92A	Z	0	0	0	%100
83	M93	X	4.095	4.095	0	%100
84	M93	Z	0	0	0	%100
85	M95	X	4.274	4.274	0	%100
86	M95	Z	0	0	0	%100
87	M84B	X	0	0	0	%100
88	M84B	Z	0	0	0	%100
89	M89A	X	2.576	2.576	0	%100
90	M89A	Z	0	0	0	%100
91	M94A	X	2.576	2.576	0	%100
92	M94A	Z	0	0	0	%100
93	MP4C	X	3.434	3.434	0	%100
94	MP4C	Z	0	0	0	%100
95	MP2C	X	3.434	3.434	0	%100
96	MP2C	Z	0	0	0	%100
97	MP1C	X	3.434	3.434	0	%100
98	MP1C	Z	0	0	0	%100
99	MP4B	X	3.434	3.434	0	%100
100	MP4B	Z	0	0	0	%100
101	MP2B	X	3.434	3.434	0	%100
102	MP2B	Z	0	0	0	%100
103	MP1B	X	3.434	3.434	0	%100
104	MP1B	Z	0	0	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	0	0	0	%100
107	M112	X	2.316	2.316	0	%100
108	M112	Z	0	0	0	%100
109	M115	X	2.316	2.316	0	%100
110	M115	Z	0	0	0	%100
111	MP3C	X	3.434	3.434	0	%100
112	MP3C	Z	0	0	0	%100
113	MP3B	X	3.434	3.434	0	%100
114	MP3B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	.922	.922	0	%100
2	M1	Z	.532	.532	0	%100
3	M4	X	2.949	2.949	0	%100
4	M4	Z	1.702	1.702	0	%100
5	M10	X	.799	.799	0	%100
6	M10	Z	.461	.461	0	%100
7	MP3A	X	2.974	2.974	0	%100
8	MP3A	Z	1.717	1.717	0	%100
9	MP4A	X	2.974	2.974	0	%100
10	MP4A	Z	1.717	1.717	0	%100
11	MP2A	X	2.974	2.974	0	%100
12	MP2A	Z	1.717	1.717	0	%100
13	MP1A	X	2.974	2.974	0	%100
14	MP1A	Z	1.717	1.717	0	%100
15	M43	X	.799	.799	0	%100
16	M43	Z	.461	.461	0	%100
17	M46	X	1.184	1.184	0	%100
18	M46	Z	.683	.683	0	%100
19	M51B	X	.871	.871	0	%100
20	M51B	Z	.503	.503	0	%100
21	M52B	X	3.486	3.486	0	%100
22	M52B	Z	2.012	2.012	0	%100
23	M76	X	3.494	3.494	0	%100
24	M76	Z	2.017	2.017	0	%100
25	M77	X	1.182	1.182	0	%100
26	M77	Z	.683	.683	0	%100
27	M80	X	1.234	1.234	0	%100
28	M80	Z	.712	.712	0	%100
29	M84	X	3.494	3.494	0	%100
30	M84	Z	2.017	2.017	0	%100
31	M85	X	4.729	4.729	0	%100
32	M85	Z	2.73	2.73	0	%100
33	M91	X	4.935	4.935	0	%100
34	M91	Z	2.849	2.849	0	%100
35	M34	X	.922	.922	0	%100
36	M34	Z	.532	.532	0	%100
37	M43A	X	3.687	3.687	0	%100
38	M43A	Z	2.129	2.129	0	%100
39	M52A	X	2.949	2.949	0	%100
40	M52A	Z	1.702	1.702	0	%100
41	M53	X	.799	.799	0	%100
42	M53	Z	.461	.461	0	%100
43	M54	X	.799	.799	0	%100
44	M54	Z	.461	.461	0	%100
45	M55	X	1.184	1.184	0	%100
46	M55	Z	.683	.683	0	%100
47	M58A	X	3.486	3.486	0	%100
48	M58A	Z	2.012	2.012	0	%100
49	M59A	X	.871	.871	0	%100
50	M59A	Z	.503	.503	0	%100
51	M63	X	3.494	3.494	0	%100
52	M63	Z	2.017	2.017	0	%100
53	M64	X	4.729	4.729	0	%100
54	M64	Z	2.73	2.73	0	%100
55	M66	X	4.935	4.935	0	%100
56	M66	Z	2.849	2.849	0	%100
57	M68	X	3.494	3.494	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	2.017	2.017	0	%100
59	M69	X	1.182	1.182	0	%100
60	M69	Z	.683	.683	0	%100
61	M71	X	1.234	1.234	0	%100
62	M71	Z	.712	.712	0	%100
63	M76A	X	0	0	0	%100
64	M76A	Z	0	0	0	%100
65	M77A	X	3.195	3.195	0	%100
66	M77A	Z	1.844	1.844	0	%100
67	M78	X	3.195	3.195	0	%100
68	M78	Z	1.844	1.844	0	%100
69	M79A	X	4.735	4.735	0	%100
70	M79A	Z	2.734	2.734	0	%100
71	M82	X	.871	.871	0	%100
72	M82	Z	.503	.503	0	%100
73	M83A	X	.871	.871	0	%100
74	M83A	Z	.503	.503	0	%100
75	M87	X	0	0	0	%100
76	M87	Z	0	0	0	%100
77	M88A	X	1.182	1.182	0	%100
78	M88A	Z	.683	.683	0	%100
79	M90	X	1.234	1.234	0	%100
80	M90	Z	.712	.712	0	%100
81	M92A	X	0	0	0	%100
82	M92A	Z	0	0	0	%100
83	M93	X	1.182	1.182	0	%100
84	M93	Z	.683	.683	0	%100
85	M95	X	1.234	1.234	0	%100
86	M95	Z	.712	.712	0	%100
87	M84B	X	.744	.744	0	%100
88	M84B	Z	.429	.429	0	%100
89	M89A	X	.744	.744	0	%100
90	M89A	Z	.429	.429	0	%100
91	M94A	X	2.974	2.974	0	%100
92	M94A	Z	1.717	1.717	0	%100
93	MP4C	X	2.974	2.974	0	%100
94	MP4C	Z	1.717	1.717	0	%100
95	MP2C	X	2.974	2.974	0	%100
96	MP2C	Z	1.717	1.717	0	%100
97	MP1C	X	2.974	2.974	0	%100
98	MP1C	Z	1.717	1.717	0	%100
99	MP4B	X	2.974	2.974	0	%100
100	MP4B	Z	1.717	1.717	0	%100
101	MP2B	X	2.974	2.974	0	%100
102	MP2B	Z	1.717	1.717	0	%100
103	MP1B	X	2.974	2.974	0	%100
104	MP1B	Z	1.717	1.717	0	%100
105	M109	X	.668	.668	0	%100
106	M109	Z	.386	.386	0	%100
107	M112	X	.668	.668	0	%100
108	M112	Z	.386	.386	0	%100
109	M115	X	2.674	2.674	0	%100
110	M115	Z	1.544	1.544	0	%100
111	MP3C	X	2.974	2.974	0	%100
112	MP3C	Z	1.717	1.717	0	%100
113	MP3B	X	2.974	2.974	0	%100
114	MP3B	Z	1.717	1.717	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	1.596	1.596	0	%100
2	M1	Z	2.765	2.765	0	%100
3	M4	X	.567	.567	0	%100
4	M4	Z	.983	.983	0	%100
5	M10	X	1.383	1.383	0	%100
6	M10	Z	2.396	2.396	0	%100
7	MP3A	X	1.717	1.717	0	%100
8	MP3A	Z	2.974	2.974	0	%100
9	MP4A	X	1.717	1.717	0	%100
10	MP4A	Z	2.974	2.974	0	%100
11	MP2A	X	1.717	1.717	0	%100
12	MP2A	Z	2.974	2.974	0	%100
13	MP1A	X	1.717	1.717	0	%100
14	MP1A	Z	2.974	2.974	0	%100
15	M43	X	1.383	1.383	0	%100
16	M43	Z	2.396	2.396	0	%100
17	M46	X	2.05	2.05	0	%100
18	M46	Z	3.552	3.552	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	1.509	1.509	0	%100
22	M52B	Z	2.614	2.614	0	%100
23	M76	X	.672	.672	0	%100
24	M76	Z	1.165	1.165	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.672	.672	0	%100
30	M84	Z	1.165	1.165	0	%100
31	M85	X	2.048	2.048	0	%100
32	M85	Z	3.546	3.546	0	%100
33	M91	X	2.137	2.137	0	%100
34	M91	Z	3.701	3.701	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M43A	X	1.596	1.596	0	%100
38	M43A	Z	2.765	2.765	0	%100
39	M52A	X	2.27	2.27	0	%100
40	M52A	Z	3.932	3.932	0	%100
41	M53	X	0	0	0	%100
42	M53	Z	0	0	0	%100
43	M54	X	0	0	0	%100
44	M54	Z	0	0	0	%100
45	M55	X	0	0	0	%100
46	M55	Z	0	0	0	%100
47	M58A	X	1.509	1.509	0	%100
48	M58A	Z	2.614	2.614	0	%100
49	M59A	X	1.509	1.509	0	%100
50	M59A	Z	2.614	2.614	0	%100
51	M63	X	2.689	2.689	0	%100
52	M63	Z	4.658	4.658	0	%100
53	M64	X	2.048	2.048	0	%100
54	M64	Z	3.546	3.546	0	%100
55	M66	X	2.137	2.137	0	%100
56	M66	Z	3.701	3.701	0	%100
57	M68	X	2.689	2.689	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	4.658	4.658	0	%100
59	M69	X	2.048	2.048	0	%100
60	M69	Z	3.546	3.546	0	%100
61	M71	X	2.137	2.137	0	%100
62	M71	Z	3.701	3.701	0	%100
63	M76A	X	.567	.567	0	%100
64	M76A	Z	.983	.983	0	%100
65	M77A	X	1.383	1.383	0	%100
66	M77A	Z	2.396	2.396	0	%100
67	M78	X	1.383	1.383	0	%100
68	M78	Z	2.396	2.396	0	%100
69	M79A	X	2.05	2.05	0	%100
70	M79A	Z	3.552	3.552	0	%100
71	M82	X	1.509	1.509	0	%100
72	M82	Z	2.614	2.614	0	%100
73	M83A	X	0	0	0	%100
74	M83A	Z	0	0	0	%100
75	M87	X	.672	.672	0	%100
76	M87	Z	1.165	1.165	0	%100
77	M88A	X	2.048	2.048	0	%100
78	M88A	Z	3.546	3.546	0	%100
79	M90	X	2.137	2.137	0	%100
80	M90	Z	3.701	3.701	0	%100
81	M92A	X	.672	.672	0	%100
82	M92A	Z	1.165	1.165	0	%100
83	M93	X	0	0	0	%100
84	M93	Z	0	0	0	%100
85	M95	X	0	0	0	%100
86	M95	Z	0	0	0	%100
87	M84B	X	1.288	1.288	0	%100
88	M84B	Z	2.231	2.231	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	0	0	0	%100
91	M94A	X	1.288	1.288	0	%100
92	M94A	Z	2.231	2.231	0	%100
93	MP4C	X	1.717	1.717	0	%100
94	MP4C	Z	2.974	2.974	0	%100
95	MP2C	X	1.717	1.717	0	%100
96	MP2C	Z	2.974	2.974	0	%100
97	MP1C	X	1.717	1.717	0	%100
98	MP1C	Z	2.974	2.974	0	%100
99	MP4B	X	1.717	1.717	0	%100
100	MP4B	Z	2.974	2.974	0	%100
101	MP2B	X	1.717	1.717	0	%100
102	MP2B	Z	2.974	2.974	0	%100
103	MP1B	X	1.717	1.717	0	%100
104	MP1B	Z	2.974	2.974	0	%100
105	M109	X	1.158	1.158	0	%100
106	M109	Z	2.005	2.005	0	%100
107	M112	X	0	0	0	%100
108	M112	Z	0	0	0	%100
109	M115	X	1.158	1.158	0	%100
110	M115	Z	2.005	2.005	0	%100
111	MP3C	X	1.717	1.717	0	%100
112	MP3C	Z	2.974	2.974	0	%100
113	MP3B	X	1.717	1.717	0	%100
114	MP3B	Z	2.974	2.974	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	0	0	0	%100
2	M1	Z	4.257	4.257	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	3.689	3.689	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	3.434	3.434	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	3.434	3.434	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	3.434	3.434	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	3.434	3.434	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	3.689	3.689	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	5.468	5.468	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	1.006	1.006	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	1.006	1.006	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	1.365	1.365	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	1.425	1.425	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	1.365	1.365	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	1.425	1.425	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	1.064	1.064	0	%100
37	M43A	X	0	0	0	%100
38	M43A	Z	1.064	1.064	0	%100
39	M52A	X	0	0	0	%100
40	M52A	Z	3.405	3.405	0	%100
41	M53	X	0	0	0	%100
42	M53	Z	.922	.922	0	%100
43	M54	X	0	0	0	%100
44	M54	Z	.922	.922	0	%100
45	M55	X	0	0	0	%100
46	M55	Z	1.367	1.367	0	%100
47	M58A	X	0	0	0	%100
48	M58A	Z	1.006	1.006	0	%100
49	M59A	X	0	0	0	%100
50	M59A	Z	4.025	4.025	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	4.034	4.034	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	1.365	1.365	0	%100
55	M66	X	0	0	0	%100
56	M66	Z	1.425	1.425	0	%100
57	M68	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	4.034	4.034	0	%100
59	M69	X	0	0	0	%100
60	M69	Z	5.46	5.46	0	%100
61	M71	X	0	0	0	%100
62	M71	Z	5.698	5.698	0	%100
63	M76A	X	0	0	0	%100
64	M76A	Z	3.405	3.405	0	%100
65	M77A	X	0	0	0	%100
66	M77A	Z	.922	.922	0	%100
67	M78	X	0	0	0	%100
68	M78	Z	.922	.922	0	%100
69	M79A	X	0	0	0	%100
70	M79A	Z	1.367	1.367	0	%100
71	M82	X	0	0	0	%100
72	M82	Z	4.025	4.025	0	%100
73	M83A	X	0	0	0	%100
74	M83A	Z	1.006	1.006	0	%100
75	M87	X	0	0	0	%100
76	M87	Z	4.034	4.034	0	%100
77	M88A	X	0	0	0	%100
78	M88A	Z	5.46	5.46	0	%100
79	M90	X	0	0	0	%100
80	M90	Z	5.698	5.698	0	%100
81	M92A	X	0	0	0	%100
82	M92A	Z	4.034	4.034	0	%100
83	M93	X	0	0	0	%100
84	M93	Z	1.365	1.365	0	%100
85	M95	X	0	0	0	%100
86	M95	Z	1.425	1.425	0	%100
87	M84B	X	0	0	0	%100
88	M84B	Z	3.434	3.434	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	.859	.859	0	%100
91	M94A	X	0	0	0	%100
92	M94A	Z	.859	.859	0	%100
93	MP4C	X	0	0	0	%100
94	MP4C	Z	3.434	3.434	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	3.434	3.434	0	%100
97	MP1C	X	0	0	0	%100
98	MP1C	Z	3.434	3.434	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	3.434	3.434	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	3.434	3.434	0	%100
103	MP1B	X	0	0	0	%100
104	MP1B	Z	3.434	3.434	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	3.088	3.088	0	%100
107	M112	X	0	0	0	%100
108	M112	Z	.772	.772	0	%100
109	M115	X	0	0	0	%100
110	M115	Z	.772	.772	0	%100
111	MP3C	X	0	0	0	%100
112	MP3C	Z	3.434	3.434	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	3.434	3.434	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	-1.596	-1.596	0	%100
2	M1	Z	2.765	2.765	0	%100
3	M4	X	-.567	-.567	0	%100
4	M4	Z	.983	.983	0	%100
5	M10	X	-1.383	-1.383	0	%100
6	M10	Z	2.396	2.396	0	%100
7	MP3A	X	-1.717	-1.717	0	%100
8	MP3A	Z	2.974	2.974	0	%100
9	MP4A	X	-1.717	-1.717	0	%100
10	MP4A	Z	2.974	2.974	0	%100
11	MP2A	X	-1.717	-1.717	0	%100
12	MP2A	Z	2.974	2.974	0	%100
13	MP1A	X	-1.717	-1.717	0	%100
14	MP1A	Z	2.974	2.974	0	%100
15	M43	X	-1.383	-1.383	0	%100
16	M43	Z	2.396	2.396	0	%100
17	M46	X	-2.05	-2.05	0	%100
18	M46	Z	3.552	3.552	0	%100
19	M51B	X	-1.509	-1.509	0	%100
20	M51B	Z	2.614	2.614	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.672	-.672	0	%100
24	M76	Z	1.165	1.165	0	%100
25	M77	X	-2.048	-2.048	0	%100
26	M77	Z	3.546	3.546	0	%100
27	M80	X	-2.137	-2.137	0	%100
28	M80	Z	3.701	3.701	0	%100
29	M84	X	-.672	-.672	0	%100
30	M84	Z	1.165	1.165	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-1.596	-1.596	0	%100
36	M34	Z	2.765	2.765	0	%100
37	M43A	X	0	0	0	%100
38	M43A	Z	0	0	0	%100
39	M52A	X	-.567	-.567	0	%100
40	M52A	Z	.983	.983	0	%100
41	M53	X	-1.383	-1.383	0	%100
42	M53	Z	2.396	2.396	0	%100
43	M54	X	-1.383	-1.383	0	%100
44	M54	Z	2.396	2.396	0	%100
45	M55	X	-2.05	-2.05	0	%100
46	M55	Z	3.552	3.552	0	%100
47	M58A	X	0	0	0	%100
48	M58A	Z	0	0	0	%100
49	M59A	X	-1.509	-1.509	0	%100
50	M59A	Z	2.614	2.614	0	%100
51	M63	X	-.672	-.672	0	%100
52	M63	Z	1.165	1.165	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	0	0	0	%100
55	M66	X	0	0	0	%100
56	M66	Z	0	0	0	%100
57	M68	X	-.672	-.672	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	1.165	1.165	0	%100
59	M69	X	-2.048	-2.048	0	%100
60	M69	Z	3.546	3.546	0	%100
61	M71	X	-2.137	-2.137	0	%100
62	M71	Z	3.701	3.701	0	%100
63	M76A	X	-2.27	-2.27	0	%100
64	M76A	Z	3.932	3.932	0	%100
65	M77A	X	0	0	0	%100
66	M77A	Z	0	0	0	%100
67	M78	X	0	0	0	%100
68	M78	Z	0	0	0	%100
69	M79A	X	0	0	0	%100
70	M79A	Z	0	0	0	%100
71	M82	X	-1.509	-1.509	0	%100
72	M82	Z	2.614	2.614	0	%100
73	M83A	X	-1.509	-1.509	0	%100
74	M83A	Z	2.614	2.614	0	%100
75	M87	X	-2.689	-2.689	0	%100
76	M87	Z	4.658	4.658	0	%100
77	M88A	X	-2.048	-2.048	0	%100
78	M88A	Z	3.546	3.546	0	%100
79	M90	X	-2.137	-2.137	0	%100
80	M90	Z	3.701	3.701	0	%100
81	M92A	X	-2.689	-2.689	0	%100
82	M92A	Z	4.658	4.658	0	%100
83	M93	X	-2.048	-2.048	0	%100
84	M93	Z	3.546	3.546	0	%100
85	M95	X	-2.137	-2.137	0	%100
86	M95	Z	3.701	3.701	0	%100
87	M84B	X	-1.288	-1.288	0	%100
88	M84B	Z	2.231	2.231	0	%100
89	M89A	X	-1.288	-1.288	0	%100
90	M89A	Z	2.231	2.231	0	%100
91	M94A	X	0	0	0	%100
92	M94A	Z	0	0	0	%100
93	MP4C	X	-1.717	-1.717	0	%100
94	MP4C	Z	2.974	2.974	0	%100
95	MP2C	X	-1.717	-1.717	0	%100
96	MP2C	Z	2.974	2.974	0	%100
97	MP1C	X	-1.717	-1.717	0	%100
98	MP1C	Z	2.974	2.974	0	%100
99	MP4B	X	-1.717	-1.717	0	%100
100	MP4B	Z	2.974	2.974	0	%100
101	MP2B	X	-1.717	-1.717	0	%100
102	MP2B	Z	2.974	2.974	0	%100
103	MP1B	X	-1.717	-1.717	0	%100
104	MP1B	Z	2.974	2.974	0	%100
105	M109	X	-1.158	-1.158	0	%100
106	M109	Z	2.005	2.005	0	%100
107	M112	X	-1.158	-1.158	0	%100
108	M112	Z	2.005	2.005	0	%100
109	M115	X	0	0	0	%100
110	M115	Z	0	0	0	%100
111	MP3C	X	-1.717	-1.717	0	%100
112	MP3C	Z	2.974	2.974	0	%100
113	MP3B	X	-1.717	-1.717	0	%100
114	MP3B	Z	2.974	2.974	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	-.922	-.922	0	%100
2	M1	Z	.532	.532	0	%100
3	M4	X	-2.949	-2.949	0	%100
4	M4	Z	1.702	1.702	0	%100
5	M10	X	-.799	-.799	0	%100
6	M10	Z	.461	.461	0	%100
7	MP3A	X	-2.974	-2.974	0	%100
8	MP3A	Z	1.717	1.717	0	%100
9	MP4A	X	-2.974	-2.974	0	%100
10	MP4A	Z	1.717	1.717	0	%100
11	MP2A	X	-2.974	-2.974	0	%100
12	MP2A	Z	1.717	1.717	0	%100
13	MP1A	X	-2.974	-2.974	0	%100
14	MP1A	Z	1.717	1.717	0	%100
15	M43	X	-.799	-.799	0	%100
16	M43	Z	.461	.461	0	%100
17	M46	X	-1.184	-1.184	0	%100
18	M46	Z	.683	.683	0	%100
19	M51B	X	-3.486	-3.486	0	%100
20	M51B	Z	2.012	2.012	0	%100
21	M52B	X	-.871	-.871	0	%100
22	M52B	Z	.503	.503	0	%100
23	M76	X	-3.494	-3.494	0	%100
24	M76	Z	2.017	2.017	0	%100
25	M77	X	-4.729	-4.729	0	%100
26	M77	Z	2.73	2.73	0	%100
27	M80	X	-4.935	-4.935	0	%100
28	M80	Z	2.849	2.849	0	%100
29	M84	X	-3.494	-3.494	0	%100
30	M84	Z	2.017	2.017	0	%100
31	M85	X	-1.182	-1.182	0	%100
32	M85	Z	.683	.683	0	%100
33	M91	X	-1.234	-1.234	0	%100
34	M91	Z	.712	.712	0	%100
35	M34	X	-3.687	-3.687	0	%100
36	M34	Z	2.129	2.129	0	%100
37	M43A	X	-.922	-.922	0	%100
38	M43A	Z	.532	.532	0	%100
39	M52A	X	0	0	0	%100
40	M52A	Z	0	0	0	%100
41	M53	X	-3.195	-3.195	0	%100
42	M53	Z	1.844	1.844	0	%100
43	M54	X	-3.195	-3.195	0	%100
44	M54	Z	1.844	1.844	0	%100
45	M55	X	-4.735	-4.735	0	%100
46	M55	Z	2.734	2.734	0	%100
47	M58A	X	-.871	-.871	0	%100
48	M58A	Z	.503	.503	0	%100
49	M59A	X	-.871	-.871	0	%100
50	M59A	Z	.503	.503	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	0	0	0	%100
53	M64	X	-1.182	-1.182	0	%100
54	M64	Z	.683	.683	0	%100
55	M66	X	-1.234	-1.234	0	%100
56	M66	Z	.712	.712	0	%100
57	M68	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	0	0	0	%100
59	M69	X	-1.182	-1.182	0	%100
60	M69	Z	.683	.683	0	%100
61	M71	X	-1.234	-1.234	0	%100
62	M71	Z	.712	.712	0	%100
63	M76A	X	-2.949	-2.949	0	%100
64	M76A	Z	1.702	1.702	0	%100
65	M77A	X	-.799	-.799	0	%100
66	M77A	Z	.461	.461	0	%100
67	M78	X	-.799	-.799	0	%100
68	M78	Z	.461	.461	0	%100
69	M79A	X	-1.184	-1.184	0	%100
70	M79A	Z	.683	.683	0	%100
71	M82	X	-.871	-.871	0	%100
72	M82	Z	.503	.503	0	%100
73	M83A	X	-3.486	-3.486	0	%100
74	M83A	Z	2.012	2.012	0	%100
75	M87	X	-3.494	-3.494	0	%100
76	M87	Z	2.017	2.017	0	%100
77	M88A	X	-1.182	-1.182	0	%100
78	M88A	Z	.683	.683	0	%100
79	M90	X	-1.234	-1.234	0	%100
80	M90	Z	.712	.712	0	%100
81	M92A	X	-3.494	-3.494	0	%100
82	M92A	Z	2.017	2.017	0	%100
83	M93	X	-4.729	-4.729	0	%100
84	M93	Z	2.73	2.73	0	%100
85	M95	X	-4.935	-4.935	0	%100
86	M95	Z	2.849	2.849	0	%100
87	M84B	X	-.744	-.744	0	%100
88	M84B	Z	.429	.429	0	%100
89	M89A	X	-2.974	-2.974	0	%100
90	M89A	Z	1.717	1.717	0	%100
91	M94A	X	-.744	-.744	0	%100
92	M94A	Z	.429	.429	0	%100
93	MP4C	X	-2.974	-2.974	0	%100
94	MP4C	Z	1.717	1.717	0	%100
95	MP2C	X	-2.974	-2.974	0	%100
96	MP2C	Z	1.717	1.717	0	%100
97	MP1C	X	-2.974	-2.974	0	%100
98	MP1C	Z	1.717	1.717	0	%100
99	MP4B	X	-2.974	-2.974	0	%100
100	MP4B	Z	1.717	1.717	0	%100
101	MP2B	X	-2.974	-2.974	0	%100
102	MP2B	Z	1.717	1.717	0	%100
103	MP1B	X	-2.974	-2.974	0	%100
104	MP1B	Z	1.717	1.717	0	%100
105	M109	X	-.668	-.668	0	%100
106	M109	Z	.386	.386	0	%100
107	M112	X	-2.674	-2.674	0	%100
108	M112	Z	1.544	1.544	0	%100
109	M115	X	-.668	-.668	0	%100
110	M115	Z	.386	.386	0	%100
111	MP3C	X	-2.974	-2.974	0	%100
112	MP3C	Z	1.717	1.717	0	%100
113	MP3B	X	-2.974	-2.974	0	%100
114	MP3B	Z	1.717	1.717	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-4.54	-4.54	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-3.434	-3.434	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-3.434	-3.434	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-3.434	-3.434	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-3.434	-3.434	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-3.019	-3.019	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-3.019	-3.019	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-5.379	-5.379	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-4.095	-4.095	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-4.274	-4.274	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-5.379	-5.379	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-4.095	-4.095	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-4.274	-4.274	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-3.193	-3.193	0	%100
36	M34	Z	0	0	0	%100
37	M43A	X	-3.193	-3.193	0	%100
38	M43A	Z	0	0	0	%100
39	M52A	X	-1.135	-1.135	0	%100
40	M52A	Z	0	0	0	%100
41	M53	X	-2.767	-2.767	0	%100
42	M53	Z	0	0	0	%100
43	M54	X	-2.767	-2.767	0	%100
44	M54	Z	0	0	0	%100
45	M55	X	-4.101	-4.101	0	%100
46	M55	Z	0	0	0	%100
47	M58A	X	-3.019	-3.019	0	%100
48	M58A	Z	0	0	0	%100
49	M59A	X	0	0	0	%100
50	M59A	Z	0	0	0	%100
51	M63	X	-1.345	-1.345	0	%100
52	M63	Z	0	0	0	%100
53	M64	X	-4.095	-4.095	0	%100
54	M64	Z	0	0	0	%100
55	M66	X	-4.274	-4.274	0	%100
56	M66	Z	0	0	0	%100
57	M68	X	-1.345	-1.345	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	0	0	0	%100
59	M69	X	0	0	0	%100
60	M69	Z	0	0	0	%100
61	M71	X	0	0	0	%100
62	M71	Z	0	0	0	%100
63	M76A	X	-1.135	-1.135	0	%100
64	M76A	Z	0	0	0	%100
65	M77A	X	-2.767	-2.767	0	%100
66	M77A	Z	0	0	0	%100
67	M78	X	-2.767	-2.767	0	%100
68	M78	Z	0	0	0	%100
69	M79A	X	-4.101	-4.101	0	%100
70	M79A	Z	0	0	0	%100
71	M82	X	0	0	0	%100
72	M82	Z	0	0	0	%100
73	M83A	X	-3.019	-3.019	0	%100
74	M83A	Z	0	0	0	%100
75	M87	X	-1.345	-1.345	0	%100
76	M87	Z	0	0	0	%100
77	M88A	X	0	0	0	%100
78	M88A	Z	0	0	0	%100
79	M90	X	0	0	0	%100
80	M90	Z	0	0	0	%100
81	M92A	X	-1.345	-1.345	0	%100
82	M92A	Z	0	0	0	%100
83	M93	X	-4.095	-4.095	0	%100
84	M93	Z	0	0	0	%100
85	M95	X	-4.274	-4.274	0	%100
86	M95	Z	0	0	0	%100
87	M84B	X	0	0	0	%100
88	M84B	Z	0	0	0	%100
89	M89A	X	-2.576	-2.576	0	%100
90	M89A	Z	0	0	0	%100
91	M94A	X	-2.576	-2.576	0	%100
92	M94A	Z	0	0	0	%100
93	MP4C	X	-3.434	-3.434	0	%100
94	MP4C	Z	0	0	0	%100
95	MP2C	X	-3.434	-3.434	0	%100
96	MP2C	Z	0	0	0	%100
97	MP1C	X	-3.434	-3.434	0	%100
98	MP1C	Z	0	0	0	%100
99	MP4B	X	-3.434	-3.434	0	%100
100	MP4B	Z	0	0	0	%100
101	MP2B	X	-3.434	-3.434	0	%100
102	MP2B	Z	0	0	0	%100
103	MP1B	X	-3.434	-3.434	0	%100
104	MP1B	Z	0	0	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	0	0	0	%100
107	M112	X	-2.316	-2.316	0	%100
108	M112	Z	0	0	0	%100
109	M115	X	-2.316	-2.316	0	%100
110	M115	Z	0	0	0	%100
111	MP3C	X	-3.434	-3.434	0	%100
112	MP3C	Z	0	0	0	%100
113	MP3B	X	-3.434	-3.434	0	%100
114	MP3B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	-.922	-.922	0	%100
2	M1	Z	-.532	-.532	0	%100
3	M4	X	-2.949	-2.949	0	%100
4	M4	Z	-1.702	-1.702	0	%100
5	M10	X	-.799	-.799	0	%100
6	M10	Z	-.461	-.461	0	%100
7	MP3A	X	-2.974	-2.974	0	%100
8	MP3A	Z	-1.717	-1.717	0	%100
9	MP4A	X	-2.974	-2.974	0	%100
10	MP4A	Z	-1.717	-1.717	0	%100
11	MP2A	X	-2.974	-2.974	0	%100
12	MP2A	Z	-1.717	-1.717	0	%100
13	MP1A	X	-2.974	-2.974	0	%100
14	MP1A	Z	-1.717	-1.717	0	%100
15	M43	X	-.799	-.799	0	%100
16	M43	Z	-.461	-.461	0	%100
17	M46	X	-1.184	-1.184	0	%100
18	M46	Z	-.683	-.683	0	%100
19	M51B	X	-.871	-.871	0	%100
20	M51B	Z	-.503	-.503	0	%100
21	M52B	X	-3.486	-3.486	0	%100
22	M52B	Z	-2.012	-2.012	0	%100
23	M76	X	-3.494	-3.494	0	%100
24	M76	Z	-2.017	-2.017	0	%100
25	M77	X	-1.182	-1.182	0	%100
26	M77	Z	-.683	-.683	0	%100
27	M80	X	-1.234	-1.234	0	%100
28	M80	Z	-.712	-.712	0	%100
29	M84	X	-3.494	-3.494	0	%100
30	M84	Z	-2.017	-2.017	0	%100
31	M85	X	-4.729	-4.729	0	%100
32	M85	Z	-2.73	-2.73	0	%100
33	M91	X	-4.935	-4.935	0	%100
34	M91	Z	-2.849	-2.849	0	%100
35	M34	X	-.922	-.922	0	%100
36	M34	Z	-.532	-.532	0	%100
37	M43A	X	-3.687	-3.687	0	%100
38	M43A	Z	-2.129	-2.129	0	%100
39	M52A	X	-2.949	-2.949	0	%100
40	M52A	Z	-1.702	-1.702	0	%100
41	M53	X	-.799	-.799	0	%100
42	M53	Z	-.461	-.461	0	%100
43	M54	X	-.799	-.799	0	%100
44	M54	Z	-.461	-.461	0	%100
45	M55	X	-1.184	-1.184	0	%100
46	M55	Z	-.683	-.683	0	%100
47	M58A	X	-3.486	-3.486	0	%100
48	M58A	Z	-2.012	-2.012	0	%100
49	M59A	X	-.871	-.871	0	%100
50	M59A	Z	-.503	-.503	0	%100
51	M63	X	-3.494	-3.494	0	%100
52	M63	Z	-2.017	-2.017	0	%100
53	M64	X	-4.729	-4.729	0	%100
54	M64	Z	-2.73	-2.73	0	%100
55	M66	X	-4.935	-4.935	0	%100
56	M66	Z	-2.849	-2.849	0	%100
57	M68	X	-3.494	-3.494	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	-2.017	-2.017	0	%100
59	M69	X	-1.182	-1.182	0	%100
60	M69	Z	-.683	-.683	0	%100
61	M71	X	-1.234	-1.234	0	%100
62	M71	Z	-.712	-.712	0	%100
63	M76A	X	0	0	0	%100
64	M76A	Z	0	0	0	%100
65	M77A	X	-3.195	-3.195	0	%100
66	M77A	Z	-1.844	-1.844	0	%100
67	M78	X	-3.195	-3.195	0	%100
68	M78	Z	-1.844	-1.844	0	%100
69	M79A	X	-4.735	-4.735	0	%100
70	M79A	Z	-2.734	-2.734	0	%100
71	M82	X	-.871	-.871	0	%100
72	M82	Z	-.503	-.503	0	%100
73	M83A	X	-.871	-.871	0	%100
74	M83A	Z	-.503	-.503	0	%100
75	M87	X	0	0	0	%100
76	M87	Z	0	0	0	%100
77	M88A	X	-1.182	-1.182	0	%100
78	M88A	Z	-.683	-.683	0	%100
79	M90	X	-1.234	-1.234	0	%100
80	M90	Z	-.712	-.712	0	%100
81	M92A	X	0	0	0	%100
82	M92A	Z	0	0	0	%100
83	M93	X	-1.182	-1.182	0	%100
84	M93	Z	-.683	-.683	0	%100
85	M95	X	-1.234	-1.234	0	%100
86	M95	Z	-.712	-.712	0	%100
87	M84B	X	-.744	-.744	0	%100
88	M84B	Z	-.429	-.429	0	%100
89	M89A	X	-.744	-.744	0	%100
90	M89A	Z	-.429	-.429	0	%100
91	M94A	X	-2.974	-2.974	0	%100
92	M94A	Z	-1.717	-1.717	0	%100
93	MP4C	X	-2.974	-2.974	0	%100
94	MP4C	Z	-1.717	-1.717	0	%100
95	MP2C	X	-2.974	-2.974	0	%100
96	MP2C	Z	-1.717	-1.717	0	%100
97	MP1C	X	-2.974	-2.974	0	%100
98	MP1C	Z	-1.717	-1.717	0	%100
99	MP4B	X	-2.974	-2.974	0	%100
100	MP4B	Z	-1.717	-1.717	0	%100
101	MP2B	X	-2.974	-2.974	0	%100
102	MP2B	Z	-1.717	-1.717	0	%100
103	MP1B	X	-2.974	-2.974	0	%100
104	MP1B	Z	-1.717	-1.717	0	%100
105	M109	X	-.668	-.668	0	%100
106	M109	Z	-.386	-.386	0	%100
107	M112	X	-.668	-.668	0	%100
108	M112	Z	-.386	-.386	0	%100
109	M115	X	-2.674	-2.674	0	%100
110	M115	Z	-1.544	-1.544	0	%100
111	MP3C	X	-2.974	-2.974	0	%100
112	MP3C	Z	-1.717	-1.717	0	%100
113	MP3B	X	-2.974	-2.974	0	%100
114	MP3B	Z	-1.717	-1.717	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	-1.596	-1.596	0	%100
2	M1	Z	-2.765	-2.765	0	%100
3	M4	X	-.567	-.567	0	%100
4	M4	Z	-.983	-.983	0	%100
5	M10	X	-1.383	-1.383	0	%100
6	M10	Z	-2.396	-2.396	0	%100
7	MP3A	X	-1.717	-1.717	0	%100
8	MP3A	Z	-2.974	-2.974	0	%100
9	MP4A	X	-1.717	-1.717	0	%100
10	MP4A	Z	-2.974	-2.974	0	%100
11	MP2A	X	-1.717	-1.717	0	%100
12	MP2A	Z	-2.974	-2.974	0	%100
13	MP1A	X	-1.717	-1.717	0	%100
14	MP1A	Z	-2.974	-2.974	0	%100
15	M43	X	-1.383	-1.383	0	%100
16	M43	Z	-2.396	-2.396	0	%100
17	M46	X	-2.05	-2.05	0	%100
18	M46	Z	-3.552	-3.552	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-1.509	-1.509	0	%100
22	M52B	Z	-2.614	-2.614	0	%100
23	M76	X	-.672	-.672	0	%100
24	M76	Z	-1.165	-1.165	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.672	-.672	0	%100
30	M84	Z	-1.165	-1.165	0	%100
31	M85	X	-2.048	-2.048	0	%100
32	M85	Z	-3.546	-3.546	0	%100
33	M91	X	-2.137	-2.137	0	%100
34	M91	Z	-3.701	-3.701	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M43A	X	-1.596	-1.596	0	%100
38	M43A	Z	-2.765	-2.765	0	%100
39	M52A	X	-2.27	-2.27	0	%100
40	M52A	Z	-3.932	-3.932	0	%100
41	M53	X	0	0	0	%100
42	M53	Z	0	0	0	%100
43	M54	X	0	0	0	%100
44	M54	Z	0	0	0	%100
45	M55	X	0	0	0	%100
46	M55	Z	0	0	0	%100
47	M58A	X	-1.509	-1.509	0	%100
48	M58A	Z	-2.614	-2.614	0	%100
49	M59A	X	-1.509	-1.509	0	%100
50	M59A	Z	-2.614	-2.614	0	%100
51	M63	X	-2.689	-2.689	0	%100
52	M63	Z	-4.658	-4.658	0	%100
53	M64	X	-2.048	-2.048	0	%100
54	M64	Z	-3.546	-3.546	0	%100
55	M66	X	-2.137	-2.137	0	%100
56	M66	Z	-3.701	-3.701	0	%100
57	M68	X	-2.689	-2.689	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	-4.658	-4.658	0	%100
59	M69	X	-2.048	-2.048	0	%100
60	M69	Z	-3.546	-3.546	0	%100
61	M71	X	-2.137	-2.137	0	%100
62	M71	Z	-3.701	-3.701	0	%100
63	M76A	X	-.567	-.567	0	%100
64	M76A	Z	-.983	-.983	0	%100
65	M77A	X	-1.383	-1.383	0	%100
66	M77A	Z	-2.396	-2.396	0	%100
67	M78	X	-1.383	-1.383	0	%100
68	M78	Z	-2.396	-2.396	0	%100
69	M79A	X	-2.05	-2.05	0	%100
70	M79A	Z	-3.552	-3.552	0	%100
71	M82	X	-1.509	-1.509	0	%100
72	M82	Z	-2.614	-2.614	0	%100
73	M83A	X	0	0	0	%100
74	M83A	Z	0	0	0	%100
75	M87	X	-.672	-.672	0	%100
76	M87	Z	-1.165	-1.165	0	%100
77	M88A	X	-2.048	-2.048	0	%100
78	M88A	Z	-3.546	-3.546	0	%100
79	M90	X	-2.137	-2.137	0	%100
80	M90	Z	-3.701	-3.701	0	%100
81	M92A	X	-.672	-.672	0	%100
82	M92A	Z	-1.165	-1.165	0	%100
83	M93	X	0	0	0	%100
84	M93	Z	0	0	0	%100
85	M95	X	0	0	0	%100
86	M95	Z	0	0	0	%100
87	M84B	X	-1.288	-1.288	0	%100
88	M84B	Z	-2.231	-2.231	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	0	0	0	%100
91	M94A	X	-1.288	-1.288	0	%100
92	M94A	Z	-2.231	-2.231	0	%100
93	MP4C	X	-1.717	-1.717	0	%100
94	MP4C	Z	-2.974	-2.974	0	%100
95	MP2C	X	-1.717	-1.717	0	%100
96	MP2C	Z	-2.974	-2.974	0	%100
97	MP1C	X	-1.717	-1.717	0	%100
98	MP1C	Z	-2.974	-2.974	0	%100
99	MP4B	X	-1.717	-1.717	0	%100
100	MP4B	Z	-2.974	-2.974	0	%100
101	MP2B	X	-1.717	-1.717	0	%100
102	MP2B	Z	-2.974	-2.974	0	%100
103	MP1B	X	-1.717	-1.717	0	%100
104	MP1B	Z	-2.974	-2.974	0	%100
105	M109	X	-1.158	-1.158	0	%100
106	M109	Z	-2.005	-2.005	0	%100
107	M112	X	0	0	0	%100
108	M112	Z	0	0	0	%100
109	M115	X	-1.158	-1.158	0	%100
110	M115	Z	-2.005	-2.005	0	%100
111	MP3C	X	-1.717	-1.717	0	%100
112	MP3C	Z	-2.974	-2.974	0	%100
113	MP3B	X	-1.717	-1.717	0	%100
114	MP3B	Z	-2.974	-2.974	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	0	0	0	%100
2	M1	Z	-.888	-.888	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.861	-.861	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-.625	-.625	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-.625	-.625	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-.625	-.625	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-.625	-.625	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-.861	-.861	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-1.58	-1.58	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.219	-.219	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.219	-.219	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-.402	-.402	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-.424	-.424	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-.402	-.402	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-.424	-.424	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-.222	-.222	0	%100
37	M43A	X	0	0	0	%100
38	M43A	Z	-.222	-.222	0	%100
39	M52A	X	0	0	0	%100
40	M52A	Z	-.768	-.768	0	%100
41	M53	X	0	0	0	%100
42	M53	Z	-.215	-.215	0	%100
43	M54	X	0	0	0	%100
44	M54	Z	-.215	-.215	0	%100
45	M55	X	0	0	0	%100
46	M55	Z	-.395	-.395	0	%100
47	M58A	X	0	0	0	%100
48	M58A	Z	-.219	-.219	0	%100
49	M59A	X	0	0	0	%100
50	M59A	Z	-.877	-.877	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	-1.185	-1.185	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	-.402	-.402	0	%100
55	M66	X	0	0	0	%100
56	M66	Z	-.424	-.424	0	%100
57	M68	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	-1.185	-1.185	0	%100
59	M69	X	0	0	0	%100
60	M69	Z	-1.609	-1.609	0	%100
61	M71	X	0	0	0	%100
62	M71	Z	-1.695	-1.695	0	%100
63	M76A	X	0	0	0	%100
64	M76A	Z	-.768	-.768	0	%100
65	M77A	X	0	0	0	%100
66	M77A	Z	-.215	-.215	0	%100
67	M78	X	0	0	0	%100
68	M78	Z	-.215	-.215	0	%100
69	M79A	X	0	0	0	%100
70	M79A	Z	-.395	-.395	0	%100
71	M82	X	0	0	0	%100
72	M82	Z	-.877	-.877	0	%100
73	M83A	X	0	0	0	%100
74	M83A	Z	-.219	-.219	0	%100
75	M87	X	0	0	0	%100
76	M87	Z	-1.185	-1.185	0	%100
77	M88A	X	0	0	0	%100
78	M88A	Z	-1.609	-1.609	0	%100
79	M90	X	0	0	0	%100
80	M90	Z	-1.695	-1.695	0	%100
81	M92A	X	0	0	0	%100
82	M92A	Z	-1.185	-1.185	0	%100
83	M93	X	0	0	0	%100
84	M93	Z	-.402	-.402	0	%100
85	M95	X	0	0	0	%100
86	M95	Z	-.424	-.424	0	%100
87	M84B	X	0	0	0	%100
88	M84B	Z	-.625	-.625	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	-.156	-.156	0	%100
91	M94A	X	0	0	0	%100
92	M94A	Z	-.156	-.156	0	%100
93	MP4C	X	0	0	0	%100
94	MP4C	Z	-.625	-.625	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-.625	-.625	0	%100
97	MP1C	X	0	0	0	%100
98	MP1C	Z	-.625	-.625	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	-.625	-.625	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	-.625	-.625	0	%100
103	MP1B	X	0	0	0	%100
104	MP1B	Z	-.625	-.625	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	-.721	-.721	0	%100
107	M112	X	0	0	0	%100
108	M112	Z	-.18	-.18	0	%100
109	M115	X	0	0	0	%100
110	M115	Z	-.18	-.18	0	%100
111	MP3C	X	0	0	0	%100
112	MP3C	Z	-.625	-.625	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-.625	-.625	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	.333	.333	0	%100
2	M1	Z	-.577	-.577	0	%100
3	M4	X	.128	.128	0	%100
4	M4	Z	-.222	-.222	0	%100
5	M10	X	.323	.323	0	%100
6	M10	Z	-.559	-.559	0	%100
7	MP3A	X	.313	.313	0	%100
8	MP3A	Z	-.542	-.542	0	%100
9	MP4A	X	.313	.313	0	%100
10	MP4A	Z	-.542	-.542	0	%100
11	MP2A	X	.313	.313	0	%100
12	MP2A	Z	-.542	-.542	0	%100
13	MP1A	X	.313	.313	0	%100
14	MP1A	Z	-.542	-.542	0	%100
15	M43	X	.323	.323	0	%100
16	M43	Z	-.559	-.559	0	%100
17	M46	X	.593	.593	0	%100
18	M46	Z	-1.026	-1.026	0	%100
19	M51B	X	.329	.329	0	%100
20	M51B	Z	-.57	-.57	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.198	.198	0	%100
24	M76	Z	-.342	-.342	0	%100
25	M77	X	.603	.603	0	%100
26	M77	Z	-1.045	-1.045	0	%100
27	M80	X	.636	.636	0	%100
28	M80	Z	-1.101	-1.101	0	%100
29	M84	X	.198	.198	0	%100
30	M84	Z	-.342	-.342	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.333	.333	0	%100
36	M34	Z	-.577	-.577	0	%100
37	M43A	X	0	0	0	%100
38	M43A	Z	0	0	0	%100
39	M52A	X	.128	.128	0	%100
40	M52A	Z	-.222	-.222	0	%100
41	M53	X	.323	.323	0	%100
42	M53	Z	-.559	-.559	0	%100
43	M54	X	.323	.323	0	%100
44	M54	Z	-.559	-.559	0	%100
45	M55	X	.593	.593	0	%100
46	M55	Z	-1.026	-1.026	0	%100
47	M58A	X	0	0	0	%100
48	M58A	Z	0	0	0	%100
49	M59A	X	.329	.329	0	%100
50	M59A	Z	-.57	-.57	0	%100
51	M63	X	.198	.198	0	%100
52	M63	Z	-.342	-.342	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	0	0	0	%100
55	M66	X	0	0	0	%100
56	M66	Z	0	0	0	%100
57	M68	X	.198	.198	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	-.342	-.342	0	%100
59	M69	X	.603	.603	0	%100
60	M69	Z	-1.045	-1.045	0	%100
61	M71	X	.636	.636	0	%100
62	M71	Z	-1.101	-1.101	0	%100
63	M76A	X	.512	.512	0	%100
64	M76A	Z	-.886	-.886	0	%100
65	M77A	X	0	0	0	%100
66	M77A	Z	0	0	0	%100
67	M78	X	0	0	0	%100
68	M78	Z	0	0	0	%100
69	M79A	X	0	0	0	%100
70	M79A	Z	0	0	0	%100
71	M82	X	.329	.329	0	%100
72	M82	Z	-.57	-.57	0	%100
73	M83A	X	.329	.329	0	%100
74	M83A	Z	-.57	-.57	0	%100
75	M87	X	.79	.79	0	%100
76	M87	Z	-1.368	-1.368	0	%100
77	M88A	X	.603	.603	0	%100
78	M88A	Z	-1.045	-1.045	0	%100
79	M90	X	.636	.636	0	%100
80	M90	Z	-1.101	-1.101	0	%100
81	M92A	X	.79	.79	0	%100
82	M92A	Z	-1.368	-1.368	0	%100
83	M93	X	.603	.603	0	%100
84	M93	Z	-1.045	-1.045	0	%100
85	M95	X	.636	.636	0	%100
86	M95	Z	-1.101	-1.101	0	%100
87	M84B	X	.235	.235	0	%100
88	M84B	Z	-.406	-.406	0	%100
89	M89A	X	.235	.235	0	%100
90	M89A	Z	-.406	-.406	0	%100
91	M94A	X	0	0	0	%100
92	M94A	Z	0	0	0	%100
93	MP4C	X	.313	.313	0	%100
94	MP4C	Z	-.542	-.542	0	%100
95	MP2C	X	.313	.313	0	%100
96	MP2C	Z	-.542	-.542	0	%100
97	MP1C	X	.313	.313	0	%100
98	MP1C	Z	-.542	-.542	0	%100
99	MP4B	X	.313	.313	0	%100
100	MP4B	Z	-.542	-.542	0	%100
101	MP2B	X	.313	.313	0	%100
102	MP2B	Z	-.542	-.542	0	%100
103	MP1B	X	.313	.313	0	%100
104	MP1B	Z	-.542	-.542	0	%100
105	M109	X	.271	.271	0	%100
106	M109	Z	-.469	-.469	0	%100
107	M112	X	.271	.271	0	%100
108	M112	Z	-.469	-.469	0	%100
109	M115	X	0	0	0	%100
110	M115	Z	0	0	0	%100
111	MP3C	X	.313	.313	0	%100
112	MP3C	Z	-.542	-.542	0	%100
113	MP3B	X	.313	.313	0	%100
114	MP3B	Z	-.542	-.542	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	.192	.192	0	%100
2	M1	Z	-.111	-.111	0	%100
3	M4	X	.665	.665	0	%100
4	M4	Z	-.384	-.384	0	%100
5	M10	X	.186	.186	0	%100
6	M10	Z	-.108	-.108	0	%100
7	MP3A	X	.542	.542	0	%100
8	MP3A	Z	-.313	-.313	0	%100
9	MP4A	X	.542	.542	0	%100
10	MP4A	Z	-.313	-.313	0	%100
11	MP2A	X	.542	.542	0	%100
12	MP2A	Z	-.313	-.313	0	%100
13	MP1A	X	.542	.542	0	%100
14	MP1A	Z	-.313	-.313	0	%100
15	M43	X	.186	.186	0	%100
16	M43	Z	-.108	-.108	0	%100
17	M46	X	.342	.342	0	%100
18	M46	Z	-.198	-.198	0	%100
19	M51B	X	.76	.76	0	%100
20	M51B	Z	-.439	-.439	0	%100
21	M52B	X	.19	.19	0	%100
22	M52B	Z	-.11	-.11	0	%100
23	M76	X	1.026	1.026	0	%100
24	M76	Z	-.593	-.593	0	%100
25	M77	X	1.394	1.394	0	%100
26	M77	Z	-.805	-.805	0	%100
27	M80	X	1.468	1.468	0	%100
28	M80	Z	-.848	-.848	0	%100
29	M84	X	1.026	1.026	0	%100
30	M84	Z	-.593	-.593	0	%100
31	M85	X	.348	.348	0	%100
32	M85	Z	-.201	-.201	0	%100
33	M91	X	.367	.367	0	%100
34	M91	Z	-.212	-.212	0	%100
35	M34	X	.769	.769	0	%100
36	M34	Z	-.444	-.444	0	%100
37	M43A	X	.192	.192	0	%100
38	M43A	Z	-.111	-.111	0	%100
39	M52A	X	0	0	0	%100
40	M52A	Z	0	0	0	%100
41	M53	X	.746	.746	0	%100
42	M53	Z	-.43	-.43	0	%100
43	M54	X	.746	.746	0	%100
44	M54	Z	-.43	-.43	0	%100
45	M55	X	1.368	1.368	0	%100
46	M55	Z	-.79	-.79	0	%100
47	M58A	X	.19	.19	0	%100
48	M58A	Z	-.11	-.11	0	%100
49	M59A	X	.19	.19	0	%100
50	M59A	Z	-.11	-.11	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	0	0	0	%100
53	M64	X	.348	.348	0	%100
54	M64	Z	-.201	-.201	0	%100
55	M66	X	.367	.367	0	%100
56	M66	Z	-.212	-.212	0	%100
57	M68	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	0	0	0	%100
59	M69	X	.348	.348	0	%100
60	M69	Z	-.201	-.201	0	%100
61	M71	X	.367	.367	0	%100
62	M71	Z	-.212	-.212	0	%100
63	M76A	X	.665	.665	0	%100
64	M76A	Z	-.384	-.384	0	%100
65	M77A	X	.186	.186	0	%100
66	M77A	Z	-.108	-.108	0	%100
67	M78	X	.186	.186	0	%100
68	M78	Z	-.108	-.108	0	%100
69	M79A	X	.342	.342	0	%100
70	M79A	Z	-.198	-.198	0	%100
71	M82	X	.19	.19	0	%100
72	M82	Z	-.11	-.11	0	%100
73	M83A	X	.76	.76	0	%100
74	M83A	Z	-.439	-.439	0	%100
75	M87	X	1.026	1.026	0	%100
76	M87	Z	-.593	-.593	0	%100
77	M88A	X	.348	.348	0	%100
78	M88A	Z	-.201	-.201	0	%100
79	M90	X	.367	.367	0	%100
80	M90	Z	-.212	-.212	0	%100
81	M92A	X	1.026	1.026	0	%100
82	M92A	Z	-.593	-.593	0	%100
83	M93	X	1.394	1.394	0	%100
84	M93	Z	-.805	-.805	0	%100
85	M95	X	1.468	1.468	0	%100
86	M95	Z	-.848	-.848	0	%100
87	M84B	X	.135	.135	0	%100
88	M84B	Z	-.078	-.078	0	%100
89	M89A	X	.542	.542	0	%100
90	M89A	Z	-.313	-.313	0	%100
91	M94A	X	.135	.135	0	%100
92	M94A	Z	-.078	-.078	0	%100
93	MP4C	X	.542	.542	0	%100
94	MP4C	Z	-.313	-.313	0	%100
95	MP2C	X	.542	.542	0	%100
96	MP2C	Z	-.313	-.313	0	%100
97	MP1C	X	.542	.542	0	%100
98	MP1C	Z	-.313	-.313	0	%100
99	MP4B	X	.542	.542	0	%100
100	MP4B	Z	-.313	-.313	0	%100
101	MP2B	X	.542	.542	0	%100
102	MP2B	Z	-.313	-.313	0	%100
103	MP1B	X	.542	.542	0	%100
104	MP1B	Z	-.313	-.313	0	%100
105	M109	X	.156	.156	0	%100
106	M109	Z	-.09	-.09	0	%100
107	M112	X	.625	.625	0	%100
108	M112	Z	-.361	-.361	0	%100
109	M115	X	.156	.156	0	%100
110	M115	Z	-.09	-.09	0	%100
111	MP3C	X	.542	.542	0	%100
112	MP3C	Z	-.313	-.313	0	%100
113	MP3B	X	.542	.542	0	%100
114	MP3B	Z	-.313	-.313	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	1.023	1.023	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	.625	.625	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	.625	.625	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	.625	.625	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	.625	.625	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	.658	.658	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.658	.658	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	1.58	1.58	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	1.207	1.207	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	1.271	1.271	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	1.58	1.58	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	1.207	1.207	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	1.271	1.271	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.666	.666	0	%100
36	M34	Z	0	0	0	%100
37	M43A	X	.666	.666	0	%100
38	M43A	Z	0	0	0	%100
39	M52A	X	.256	.256	0	%100
40	M52A	Z	0	0	0	%100
41	M53	X	.646	.646	0	%100
42	M53	Z	0	0	0	%100
43	M54	X	.646	.646	0	%100
44	M54	Z	0	0	0	%100
45	M55	X	1.185	1.185	0	%100
46	M55	Z	0	0	0	%100
47	M58A	X	.658	.658	0	%100
48	M58A	Z	0	0	0	%100
49	M59A	X	0	0	0	%100
50	M59A	Z	0	0	0	%100
51	M63	X	.395	.395	0	%100
52	M63	Z	0	0	0	%100
53	M64	X	1.207	1.207	0	%100
54	M64	Z	0	0	0	%100
55	M66	X	1.271	1.271	0	%100
56	M66	Z	0	0	0	%100
57	M68	X	.395	.395	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	0	0	0	%100
59	M69	X	0	0	0	%100
60	M69	Z	0	0	0	%100
61	M71	X	0	0	0	%100
62	M71	Z	0	0	0	%100
63	M76A	X	.256	.256	0	%100
64	M76A	Z	0	0	0	%100
65	M77A	X	.646	.646	0	%100
66	M77A	Z	0	0	0	%100
67	M78	X	.646	.646	0	%100
68	M78	Z	0	0	0	%100
69	M79A	X	1.185	1.185	0	%100
70	M79A	Z	0	0	0	%100
71	M82	X	0	0	0	%100
72	M82	Z	0	0	0	%100
73	M83A	X	.658	.658	0	%100
74	M83A	Z	0	0	0	%100
75	M87	X	.395	.395	0	%100
76	M87	Z	0	0	0	%100
77	M88A	X	0	0	0	%100
78	M88A	Z	0	0	0	%100
79	M90	X	0	0	0	%100
80	M90	Z	0	0	0	%100
81	M92A	X	.395	.395	0	%100
82	M92A	Z	0	0	0	%100
83	M93	X	1.207	1.207	0	%100
84	M93	Z	0	0	0	%100
85	M95	X	1.271	1.271	0	%100
86	M95	Z	0	0	0	%100
87	M84B	X	0	0	0	%100
88	M84B	Z	0	0	0	%100
89	M89A	X	.469	.469	0	%100
90	M89A	Z	0	0	0	%100
91	M94A	X	.469	.469	0	%100
92	M94A	Z	0	0	0	%100
93	MP4C	X	.625	.625	0	%100
94	MP4C	Z	0	0	0	%100
95	MP2C	X	.625	.625	0	%100
96	MP2C	Z	0	0	0	%100
97	MP1C	X	.625	.625	0	%100
98	MP1C	Z	0	0	0	%100
99	MP4B	X	.625	.625	0	%100
100	MP4B	Z	0	0	0	%100
101	MP2B	X	.625	.625	0	%100
102	MP2B	Z	0	0	0	%100
103	MP1B	X	.625	.625	0	%100
104	MP1B	Z	0	0	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	0	0	0	%100
107	M112	X	.541	.541	0	%100
108	M112	Z	0	0	0	%100
109	M115	X	.541	.541	0	%100
110	M115	Z	0	0	0	%100
111	MP3C	X	.625	.625	0	%100
112	MP3C	Z	0	0	0	%100
113	MP3B	X	.625	.625	0	%100
114	MP3B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	.192	.192	0	%100
2	M1	Z	.111	.111	0	%100
3	M4	X	.665	.665	0	%100
4	M4	Z	.384	.384	0	%100
5	M10	X	.186	.186	0	%100
6	M10	Z	.108	.108	0	%100
7	MP3A	X	.542	.542	0	%100
8	MP3A	Z	.313	.313	0	%100
9	MP4A	X	.542	.542	0	%100
10	MP4A	Z	.313	.313	0	%100
11	MP2A	X	.542	.542	0	%100
12	MP2A	Z	.313	.313	0	%100
13	MP1A	X	.542	.542	0	%100
14	MP1A	Z	.313	.313	0	%100
15	M43	X	.186	.186	0	%100
16	M43	Z	.108	.108	0	%100
17	M46	X	.342	.342	0	%100
18	M46	Z	.198	.198	0	%100
19	M51B	X	.19	.19	0	%100
20	M51B	Z	.11	.11	0	%100
21	M52B	X	.76	.76	0	%100
22	M52B	Z	.439	.439	0	%100
23	M76	X	1.026	1.026	0	%100
24	M76	Z	.593	.593	0	%100
25	M77	X	.348	.348	0	%100
26	M77	Z	.201	.201	0	%100
27	M80	X	.367	.367	0	%100
28	M80	Z	.212	.212	0	%100
29	M84	X	1.026	1.026	0	%100
30	M84	Z	.593	.593	0	%100
31	M85	X	1.394	1.394	0	%100
32	M85	Z	.805	.805	0	%100
33	M91	X	1.468	1.468	0	%100
34	M91	Z	.848	.848	0	%100
35	M34	X	.192	.192	0	%100
36	M34	Z	.111	.111	0	%100
37	M43A	X	.769	.769	0	%100
38	M43A	Z	.444	.444	0	%100
39	M52A	X	.665	.665	0	%100
40	M52A	Z	.384	.384	0	%100
41	M53	X	.186	.186	0	%100
42	M53	Z	.108	.108	0	%100
43	M54	X	.186	.186	0	%100
44	M54	Z	.108	.108	0	%100
45	M55	X	.342	.342	0	%100
46	M55	Z	.198	.198	0	%100
47	M58A	X	.76	.76	0	%100
48	M58A	Z	.439	.439	0	%100
49	M59A	X	.19	.19	0	%100
50	M59A	Z	.11	.11	0	%100
51	M63	X	1.026	1.026	0	%100
52	M63	Z	.593	.593	0	%100
53	M64	X	1.394	1.394	0	%100
54	M64	Z	.805	.805	0	%100
55	M66	X	1.468	1.468	0	%100
56	M66	Z	.848	.848	0	%100
57	M68	X	1.026	1.026	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	.593	.593	0	%100
59	M69	X	.348	.348	0	%100
60	M69	Z	.201	.201	0	%100
61	M71	X	.367	.367	0	%100
62	M71	Z	.212	.212	0	%100
63	M76A	X	0	0	0	%100
64	M76A	Z	0	0	0	%100
65	M77A	X	.746	.746	0	%100
66	M77A	Z	.43	.43	0	%100
67	M78	X	.746	.746	0	%100
68	M78	Z	.43	.43	0	%100
69	M79A	X	1.368	1.368	0	%100
70	M79A	Z	.79	.79	0	%100
71	M82	X	.19	.19	0	%100
72	M82	Z	.11	.11	0	%100
73	M83A	X	.19	.19	0	%100
74	M83A	Z	.11	.11	0	%100
75	M87	X	0	0	0	%100
76	M87	Z	0	0	0	%100
77	M88A	X	.348	.348	0	%100
78	M88A	Z	.201	.201	0	%100
79	M90	X	.367	.367	0	%100
80	M90	Z	.212	.212	0	%100
81	M92A	X	0	0	0	%100
82	M92A	Z	0	0	0	%100
83	M93	X	.348	.348	0	%100
84	M93	Z	.201	.201	0	%100
85	M95	X	.367	.367	0	%100
86	M95	Z	.212	.212	0	%100
87	M84B	X	.135	.135	0	%100
88	M84B	Z	.078	.078	0	%100
89	M89A	X	.135	.135	0	%100
90	M89A	Z	.078	.078	0	%100
91	M94A	X	.542	.542	0	%100
92	M94A	Z	.313	.313	0	%100
93	MP4C	X	.542	.542	0	%100
94	MP4C	Z	.313	.313	0	%100
95	MP2C	X	.542	.542	0	%100
96	MP2C	Z	.313	.313	0	%100
97	MP1C	X	.542	.542	0	%100
98	MP1C	Z	.313	.313	0	%100
99	MP4B	X	.542	.542	0	%100
100	MP4B	Z	.313	.313	0	%100
101	MP2B	X	.542	.542	0	%100
102	MP2B	Z	.313	.313	0	%100
103	MP1B	X	.542	.542	0	%100
104	MP1B	Z	.313	.313	0	%100
105	M109	X	.156	.156	0	%100
106	M109	Z	.09	.09	0	%100
107	M112	X	.156	.156	0	%100
108	M112	Z	.09	.09	0	%100
109	M115	X	.625	.625	0	%100
110	M115	Z	.361	.361	0	%100
111	MP3C	X	.542	.542	0	%100
112	MP3C	Z	.313	.313	0	%100
113	MP3B	X	.542	.542	0	%100
114	MP3B	Z	.313	.313	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	.333	.333	0	%100
2	M1	Z	.577	.577	0	%100
3	M4	X	.128	.128	0	%100
4	M4	Z	.222	.222	0	%100
5	M10	X	.323	.323	0	%100
6	M10	Z	.559	.559	0	%100
7	MP3A	X	.313	.313	0	%100
8	MP3A	Z	.542	.542	0	%100
9	MP4A	X	.313	.313	0	%100
10	MP4A	Z	.542	.542	0	%100
11	MP2A	X	.313	.313	0	%100
12	MP2A	Z	.542	.542	0	%100
13	MP1A	X	.313	.313	0	%100
14	MP1A	Z	.542	.542	0	%100
15	M43	X	.323	.323	0	%100
16	M43	Z	.559	.559	0	%100
17	M46	X	.593	.593	0	%100
18	M46	Z	1.026	1.026	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.329	.329	0	%100
22	M52B	Z	.57	.57	0	%100
23	M76	X	.198	.198	0	%100
24	M76	Z	.342	.342	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.198	.198	0	%100
30	M84	Z	.342	.342	0	%100
31	M85	X	.603	.603	0	%100
32	M85	Z	1.045	1.045	0	%100
33	M91	X	.636	.636	0	%100
34	M91	Z	1.101	1.101	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M43A	X	.333	.333	0	%100
38	M43A	Z	.577	.577	0	%100
39	M52A	X	.512	.512	0	%100
40	M52A	Z	.886	.886	0	%100
41	M53	X	0	0	0	%100
42	M53	Z	0	0	0	%100
43	M54	X	0	0	0	%100
44	M54	Z	0	0	0	%100
45	M55	X	0	0	0	%100
46	M55	Z	0	0	0	%100
47	M58A	X	.329	.329	0	%100
48	M58A	Z	.57	.57	0	%100
49	M59A	X	.329	.329	0	%100
50	M59A	Z	.57	.57	0	%100
51	M63	X	.79	.79	0	%100
52	M63	Z	1.368	1.368	0	%100
53	M64	X	.603	.603	0	%100
54	M64	Z	1.045	1.045	0	%100
55	M66	X	.636	.636	0	%100
56	M66	Z	1.101	1.101	0	%100
57	M68	X	.79	.79	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	1.368	1.368	0	%100
59	M69	X	.603	.603	0	%100
60	M69	Z	1.045	1.045	0	%100
61	M71	X	.636	.636	0	%100
62	M71	Z	1.101	1.101	0	%100
63	M76A	X	.128	.128	0	%100
64	M76A	Z	.222	.222	0	%100
65	M77A	X	.323	.323	0	%100
66	M77A	Z	.559	.559	0	%100
67	M78	X	.323	.323	0	%100
68	M78	Z	.559	.559	0	%100
69	M79A	X	.593	.593	0	%100
70	M79A	Z	1.026	1.026	0	%100
71	M82	X	.329	.329	0	%100
72	M82	Z	.57	.57	0	%100
73	M83A	X	0	0	0	%100
74	M83A	Z	0	0	0	%100
75	M87	X	.198	.198	0	%100
76	M87	Z	.342	.342	0	%100
77	M88A	X	.603	.603	0	%100
78	M88A	Z	1.045	1.045	0	%100
79	M90	X	.636	.636	0	%100
80	M90	Z	1.101	1.101	0	%100
81	M92A	X	.198	.198	0	%100
82	M92A	Z	.342	.342	0	%100
83	M93	X	0	0	0	%100
84	M93	Z	0	0	0	%100
85	M95	X	0	0	0	%100
86	M95	Z	0	0	0	%100
87	M84B	X	.235	.235	0	%100
88	M84B	Z	.406	.406	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	0	0	0	%100
91	M94A	X	.235	.235	0	%100
92	M94A	Z	.406	.406	0	%100
93	MP4C	X	.313	.313	0	%100
94	MP4C	Z	.542	.542	0	%100
95	MP2C	X	.313	.313	0	%100
96	MP2C	Z	.542	.542	0	%100
97	MP1C	X	.313	.313	0	%100
98	MP1C	Z	.542	.542	0	%100
99	MP4B	X	.313	.313	0	%100
100	MP4B	Z	.542	.542	0	%100
101	MP2B	X	.313	.313	0	%100
102	MP2B	Z	.542	.542	0	%100
103	MP1B	X	.313	.313	0	%100
104	MP1B	Z	.542	.542	0	%100
105	M109	X	.271	.271	0	%100
106	M109	Z	.469	.469	0	%100
107	M112	X	0	0	0	%100
108	M112	Z	0	0	0	%100
109	M115	X	.271	.271	0	%100
110	M115	Z	.469	.469	0	%100
111	MP3C	X	.313	.313	0	%100
112	MP3C	Z	.542	.542	0	%100
113	MP3B	X	.313	.313	0	%100
114	MP3B	Z	.542	.542	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	0	0	0	%100
2	M1	Z	.888	.888	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.861	.861	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	.625	.625	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	.625	.625	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	.625	.625	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	.625	.625	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	.861	.861	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	1.58	1.58	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.219	.219	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.219	.219	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	.402	.402	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	.424	.424	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	.402	.402	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	.424	.424	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	.222	.222	0	%100
37	M43A	X	0	0	0	%100
38	M43A	Z	.222	.222	0	%100
39	M52A	X	0	0	0	%100
40	M52A	Z	.768	.768	0	%100
41	M53	X	0	0	0	%100
42	M53	Z	.215	.215	0	%100
43	M54	X	0	0	0	%100
44	M54	Z	.215	.215	0	%100
45	M55	X	0	0	0	%100
46	M55	Z	.395	.395	0	%100
47	M58A	X	0	0	0	%100
48	M58A	Z	.219	.219	0	%100
49	M59A	X	0	0	0	%100
50	M59A	Z	.877	.877	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	1.185	1.185	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	.402	.402	0	%100
55	M66	X	0	0	0	%100
56	M66	Z	.424	.424	0	%100
57	M68	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	1.185	1.185	0	%100
59	M69	X	0	0	0	%100
60	M69	Z	1.609	1.609	0	%100
61	M71	X	0	0	0	%100
62	M71	Z	1.695	1.695	0	%100
63	M76A	X	0	0	0	%100
64	M76A	Z	.768	.768	0	%100
65	M77A	X	0	0	0	%100
66	M77A	Z	.215	.215	0	%100
67	M78	X	0	0	0	%100
68	M78	Z	.215	.215	0	%100
69	M79A	X	0	0	0	%100
70	M79A	Z	.395	.395	0	%100
71	M82	X	0	0	0	%100
72	M82	Z	.877	.877	0	%100
73	M83A	X	0	0	0	%100
74	M83A	Z	.219	.219	0	%100
75	M87	X	0	0	0	%100
76	M87	Z	1.185	1.185	0	%100
77	M88A	X	0	0	0	%100
78	M88A	Z	1.609	1.609	0	%100
79	M90	X	0	0	0	%100
80	M90	Z	1.695	1.695	0	%100
81	M92A	X	0	0	0	%100
82	M92A	Z	1.185	1.185	0	%100
83	M93	X	0	0	0	%100
84	M93	Z	.402	.402	0	%100
85	M95	X	0	0	0	%100
86	M95	Z	.424	.424	0	%100
87	M84B	X	0	0	0	%100
88	M84B	Z	.625	.625	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	.156	.156	0	%100
91	M94A	X	0	0	0	%100
92	M94A	Z	.156	.156	0	%100
93	MP4C	X	0	0	0	%100
94	MP4C	Z	.625	.625	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	.625	.625	0	%100
97	MP1C	X	0	0	0	%100
98	MP1C	Z	.625	.625	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	.625	.625	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	.625	.625	0	%100
103	MP1B	X	0	0	0	%100
104	MP1B	Z	.625	.625	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	.721	.721	0	%100
107	M112	X	0	0	0	%100
108	M112	Z	.18	.18	0	%100
109	M115	X	0	0	0	%100
110	M115	Z	.18	.18	0	%100
111	MP3C	X	0	0	0	%100
112	MP3C	Z	.625	.625	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	.625	.625	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	-.333	-.333	0	%100
2	M1	Z	.577	.577	0	%100
3	M4	X	-.128	-.128	0	%100
4	M4	Z	.222	.222	0	%100
5	M10	X	-.323	-.323	0	%100
6	M10	Z	.559	.559	0	%100
7	MP3A	X	-.313	-.313	0	%100
8	MP3A	Z	.542	.542	0	%100
9	MP4A	X	-.313	-.313	0	%100
10	MP4A	Z	.542	.542	0	%100
11	MP2A	X	-.313	-.313	0	%100
12	MP2A	Z	.542	.542	0	%100
13	MP1A	X	-.313	-.313	0	%100
14	MP1A	Z	.542	.542	0	%100
15	M43	X	-.323	-.323	0	%100
16	M43	Z	.559	.559	0	%100
17	M46	X	-.593	-.593	0	%100
18	M46	Z	1.026	1.026	0	%100
19	M51B	X	-.329	-.329	0	%100
20	M51B	Z	.57	.57	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.198	-.198	0	%100
24	M76	Z	.342	.342	0	%100
25	M77	X	-.603	-.603	0	%100
26	M77	Z	1.045	1.045	0	%100
27	M80	X	-.636	-.636	0	%100
28	M80	Z	1.101	1.101	0	%100
29	M84	X	-.198	-.198	0	%100
30	M84	Z	.342	.342	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.333	-.333	0	%100
36	M34	Z	.577	.577	0	%100
37	M43A	X	0	0	0	%100
38	M43A	Z	0	0	0	%100
39	M52A	X	-.128	-.128	0	%100
40	M52A	Z	.222	.222	0	%100
41	M53	X	-.323	-.323	0	%100
42	M53	Z	.559	.559	0	%100
43	M54	X	-.323	-.323	0	%100
44	M54	Z	.559	.559	0	%100
45	M55	X	-.593	-.593	0	%100
46	M55	Z	1.026	1.026	0	%100
47	M58A	X	0	0	0	%100
48	M58A	Z	0	0	0	%100
49	M59A	X	-.329	-.329	0	%100
50	M59A	Z	.57	.57	0	%100
51	M63	X	-.198	-.198	0	%100
52	M63	Z	.342	.342	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	0	0	0	%100
55	M66	X	0	0	0	%100
56	M66	Z	0	0	0	%100
57	M68	X	-.198	-.198	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	.342	.342	0	%100
59	M69	X	-.603	-.603	0	%100
60	M69	Z	1.045	1.045	0	%100
61	M71	X	-.636	-.636	0	%100
62	M71	Z	1.101	1.101	0	%100
63	M76A	X	-.512	-.512	0	%100
64	M76A	Z	.886	.886	0	%100
65	M77A	X	0	0	0	%100
66	M77A	Z	0	0	0	%100
67	M78	X	0	0	0	%100
68	M78	Z	0	0	0	%100
69	M79A	X	0	0	0	%100
70	M79A	Z	0	0	0	%100
71	M82	X	-.329	-.329	0	%100
72	M82	Z	.57	.57	0	%100
73	M83A	X	-.329	-.329	0	%100
74	M83A	Z	.57	.57	0	%100
75	M87	X	-.79	-.79	0	%100
76	M87	Z	1.368	1.368	0	%100
77	M88A	X	-.603	-.603	0	%100
78	M88A	Z	1.045	1.045	0	%100
79	M90	X	-.636	-.636	0	%100
80	M90	Z	1.101	1.101	0	%100
81	M92A	X	-.79	-.79	0	%100
82	M92A	Z	1.368	1.368	0	%100
83	M93	X	-.603	-.603	0	%100
84	M93	Z	1.045	1.045	0	%100
85	M95	X	-.636	-.636	0	%100
86	M95	Z	1.101	1.101	0	%100
87	M84B	X	-.235	-.235	0	%100
88	M84B	Z	.406	.406	0	%100
89	M89A	X	-.235	-.235	0	%100
90	M89A	Z	.406	.406	0	%100
91	M94A	X	0	0	0	%100
92	M94A	Z	0	0	0	%100
93	MP4C	X	-.313	-.313	0	%100
94	MP4C	Z	.542	.542	0	%100
95	MP2C	X	-.313	-.313	0	%100
96	MP2C	Z	.542	.542	0	%100
97	MP1C	X	-.313	-.313	0	%100
98	MP1C	Z	.542	.542	0	%100
99	MP4B	X	-.313	-.313	0	%100
100	MP4B	Z	.542	.542	0	%100
101	MP2B	X	-.313	-.313	0	%100
102	MP2B	Z	.542	.542	0	%100
103	MP1B	X	-.313	-.313	0	%100
104	MP1B	Z	.542	.542	0	%100
105	M109	X	-.271	-.271	0	%100
106	M109	Z	.469	.469	0	%100
107	M112	X	-.271	-.271	0	%100
108	M112	Z	.469	.469	0	%100
109	M115	X	0	0	0	%100
110	M115	Z	0	0	0	%100
111	MP3C	X	-.313	-.313	0	%100
112	MP3C	Z	.542	.542	0	%100
113	MP3B	X	-.313	-.313	0	%100
114	MP3B	Z	.542	.542	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	-.192	-.192	0	%100
2	M1	Z	.111	.111	0	%100
3	M4	X	-.665	-.665	0	%100
4	M4	Z	.384	.384	0	%100
5	M10	X	-.186	-.186	0	%100
6	M10	Z	.108	.108	0	%100
7	MP3A	X	-.542	-.542	0	%100
8	MP3A	Z	.313	.313	0	%100
9	MP4A	X	-.542	-.542	0	%100
10	MP4A	Z	.313	.313	0	%100
11	MP2A	X	-.542	-.542	0	%100
12	MP2A	Z	.313	.313	0	%100
13	MP1A	X	-.542	-.542	0	%100
14	MP1A	Z	.313	.313	0	%100
15	M43	X	-.186	-.186	0	%100
16	M43	Z	.108	.108	0	%100
17	M46	X	-.342	-.342	0	%100
18	M46	Z	.198	.198	0	%100
19	M51B	X	-.76	-.76	0	%100
20	M51B	Z	.439	.439	0	%100
21	M52B	X	-.19	-.19	0	%100
22	M52B	Z	.11	.11	0	%100
23	M76	X	-1.026	-1.026	0	%100
24	M76	Z	.593	.593	0	%100
25	M77	X	-1.394	-1.394	0	%100
26	M77	Z	.805	.805	0	%100
27	M80	X	-1.468	-1.468	0	%100
28	M80	Z	.848	.848	0	%100
29	M84	X	-1.026	-1.026	0	%100
30	M84	Z	.593	.593	0	%100
31	M85	X	-.348	-.348	0	%100
32	M85	Z	.201	.201	0	%100
33	M91	X	-.367	-.367	0	%100
34	M91	Z	.212	.212	0	%100
35	M34	X	-.769	-.769	0	%100
36	M34	Z	.444	.444	0	%100
37	M43A	X	-.192	-.192	0	%100
38	M43A	Z	.111	.111	0	%100
39	M52A	X	0	0	0	%100
40	M52A	Z	0	0	0	%100
41	M53	X	-.746	-.746	0	%100
42	M53	Z	.43	.43	0	%100
43	M54	X	-.746	-.746	0	%100
44	M54	Z	.43	.43	0	%100
45	M55	X	-1.368	-1.368	0	%100
46	M55	Z	.79	.79	0	%100
47	M58A	X	-.19	-.19	0	%100
48	M58A	Z	.11	.11	0	%100
49	M59A	X	-.19	-.19	0	%100
50	M59A	Z	.11	.11	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	0	0	0	%100
53	M64	X	-.348	-.348	0	%100
54	M64	Z	.201	.201	0	%100
55	M66	X	-.367	-.367	0	%100
56	M66	Z	.212	.212	0	%100
57	M68	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	0	0	0	%100
59	M69	X	-.348	-.348	0	%100
60	M69	Z	.201	.201	0	%100
61	M71	X	-.367	-.367	0	%100
62	M71	Z	.212	.212	0	%100
63	M76A	X	-.665	-.665	0	%100
64	M76A	Z	.384	.384	0	%100
65	M77A	X	-.186	-.186	0	%100
66	M77A	Z	.108	.108	0	%100
67	M78	X	-.186	-.186	0	%100
68	M78	Z	.108	.108	0	%100
69	M79A	X	-.342	-.342	0	%100
70	M79A	Z	.198	.198	0	%100
71	M82	X	-.19	-.19	0	%100
72	M82	Z	.11	.11	0	%100
73	M83A	X	-.76	-.76	0	%100
74	M83A	Z	.439	.439	0	%100
75	M87	X	-1.026	-1.026	0	%100
76	M87	Z	.593	.593	0	%100
77	M88A	X	-.348	-.348	0	%100
78	M88A	Z	.201	.201	0	%100
79	M90	X	-.367	-.367	0	%100
80	M90	Z	.212	.212	0	%100
81	M92A	X	-1.026	-1.026	0	%100
82	M92A	Z	.593	.593	0	%100
83	M93	X	-1.394	-1.394	0	%100
84	M93	Z	.805	.805	0	%100
85	M95	X	-1.468	-1.468	0	%100
86	M95	Z	.848	.848	0	%100
87	M84B	X	-.135	-.135	0	%100
88	M84B	Z	.078	.078	0	%100
89	M89A	X	-.542	-.542	0	%100
90	M89A	Z	.313	.313	0	%100
91	M94A	X	-.135	-.135	0	%100
92	M94A	Z	.078	.078	0	%100
93	MP4C	X	-.542	-.542	0	%100
94	MP4C	Z	.313	.313	0	%100
95	MP2C	X	-.542	-.542	0	%100
96	MP2C	Z	.313	.313	0	%100
97	MP1C	X	-.542	-.542	0	%100
98	MP1C	Z	.313	.313	0	%100
99	MP4B	X	-.542	-.542	0	%100
100	MP4B	Z	.313	.313	0	%100
101	MP2B	X	-.542	-.542	0	%100
102	MP2B	Z	.313	.313	0	%100
103	MP1B	X	-.542	-.542	0	%100
104	MP1B	Z	.313	.313	0	%100
105	M109	X	-.156	-.156	0	%100
106	M109	Z	.09	.09	0	%100
107	M112	X	-.625	-.625	0	%100
108	M112	Z	.361	.361	0	%100
109	M115	X	-.156	-.156	0	%100
110	M115	Z	.09	.09	0	%100
111	MP3C	X	-.542	-.542	0	%100
112	MP3C	Z	.313	.313	0	%100
113	MP3B	X	-.542	-.542	0	%100
114	MP3B	Z	.313	.313	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-1.023	-1.023	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-.625	-.625	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-.625	-.625	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-.625	-.625	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-.625	-.625	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-.658	-.658	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.658	-.658	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-1.58	-1.58	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-1.207	-1.207	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-1.271	-1.271	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-1.58	-1.58	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-1.207	-1.207	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-1.271	-1.271	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.666	-.666	0	%100
36	M34	Z	0	0	0	%100
37	M43A	X	-.666	-.666	0	%100
38	M43A	Z	0	0	0	%100
39	M52A	X	-.256	-.256	0	%100
40	M52A	Z	0	0	0	%100
41	M53	X	-.646	-.646	0	%100
42	M53	Z	0	0	0	%100
43	M54	X	-.646	-.646	0	%100
44	M54	Z	0	0	0	%100
45	M55	X	-1.185	-1.185	0	%100
46	M55	Z	0	0	0	%100
47	M58A	X	-.658	-.658	0	%100
48	M58A	Z	0	0	0	%100
49	M59A	X	0	0	0	%100
50	M59A	Z	0	0	0	%100
51	M63	X	-.395	-.395	0	%100
52	M63	Z	0	0	0	%100
53	M64	X	-1.207	-1.207	0	%100
54	M64	Z	0	0	0	%100
55	M66	X	-1.271	-1.271	0	%100
56	M66	Z	0	0	0	%100
57	M68	X	-.395	-.395	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	0	0	0	%100
59	M69	X	0	0	0	%100
60	M69	Z	0	0	0	%100
61	M71	X	0	0	0	%100
62	M71	Z	0	0	0	%100
63	M76A	X	-.256	-.256	0	%100
64	M76A	Z	0	0	0	%100
65	M77A	X	-.646	-.646	0	%100
66	M77A	Z	0	0	0	%100
67	M78	X	-.646	-.646	0	%100
68	M78	Z	0	0	0	%100
69	M79A	X	-1.185	-1.185	0	%100
70	M79A	Z	0	0	0	%100
71	M82	X	0	0	0	%100
72	M82	Z	0	0	0	%100
73	M83A	X	-.658	-.658	0	%100
74	M83A	Z	0	0	0	%100
75	M87	X	-.395	-.395	0	%100
76	M87	Z	0	0	0	%100
77	M88A	X	0	0	0	%100
78	M88A	Z	0	0	0	%100
79	M90	X	0	0	0	%100
80	M90	Z	0	0	0	%100
81	M92A	X	-.395	-.395	0	%100
82	M92A	Z	0	0	0	%100
83	M93	X	-1.207	-1.207	0	%100
84	M93	Z	0	0	0	%100
85	M95	X	-1.271	-1.271	0	%100
86	M95	Z	0	0	0	%100
87	M84B	X	0	0	0	%100
88	M84B	Z	0	0	0	%100
89	M89A	X	-.469	-.469	0	%100
90	M89A	Z	0	0	0	%100
91	M94A	X	-.469	-.469	0	%100
92	M94A	Z	0	0	0	%100
93	MP4C	X	-.625	-.625	0	%100
94	MP4C	Z	0	0	0	%100
95	MP2C	X	-.625	-.625	0	%100
96	MP2C	Z	0	0	0	%100
97	MP1C	X	-.625	-.625	0	%100
98	MP1C	Z	0	0	0	%100
99	MP4B	X	-.625	-.625	0	%100
100	MP4B	Z	0	0	0	%100
101	MP2B	X	-.625	-.625	0	%100
102	MP2B	Z	0	0	0	%100
103	MP1B	X	-.625	-.625	0	%100
104	MP1B	Z	0	0	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	0	0	0	%100
107	M112	X	-.541	-.541	0	%100
108	M112	Z	0	0	0	%100
109	M115	X	-.541	-.541	0	%100
110	M115	Z	0	0	0	%100
111	MP3C	X	-.625	-.625	0	%100
112	MP3C	Z	0	0	0	%100
113	MP3B	X	-.625	-.625	0	%100
114	MP3B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	-.192	-.192	0	%100
2	M1	Z	-.111	-.111	0	%100
3	M4	X	-.665	-.665	0	%100
4	M4	Z	-.384	-.384	0	%100
5	M10	X	-.186	-.186	0	%100
6	M10	Z	-.108	-.108	0	%100
7	MP3A	X	-.542	-.542	0	%100
8	MP3A	Z	-.313	-.313	0	%100
9	MP4A	X	-.542	-.542	0	%100
10	MP4A	Z	-.313	-.313	0	%100
11	MP2A	X	-.542	-.542	0	%100
12	MP2A	Z	-.313	-.313	0	%100
13	MP1A	X	-.542	-.542	0	%100
14	MP1A	Z	-.313	-.313	0	%100
15	M43	X	-.186	-.186	0	%100
16	M43	Z	-.108	-.108	0	%100
17	M46	X	-.342	-.342	0	%100
18	M46	Z	-.198	-.198	0	%100
19	M51B	X	-.19	-.19	0	%100
20	M51B	Z	-.11	-.11	0	%100
21	M52B	X	-.76	-.76	0	%100
22	M52B	Z	-.439	-.439	0	%100
23	M76	X	-1.026	-1.026	0	%100
24	M76	Z	-.593	-.593	0	%100
25	M77	X	-.348	-.348	0	%100
26	M77	Z	-.201	-.201	0	%100
27	M80	X	-.367	-.367	0	%100
28	M80	Z	-.212	-.212	0	%100
29	M84	X	-1.026	-1.026	0	%100
30	M84	Z	-.593	-.593	0	%100
31	M85	X	-1.394	-1.394	0	%100
32	M85	Z	-.805	-.805	0	%100
33	M91	X	-1.468	-1.468	0	%100
34	M91	Z	-.848	-.848	0	%100
35	M34	X	-.192	-.192	0	%100
36	M34	Z	-.111	-.111	0	%100
37	M43A	X	-.769	-.769	0	%100
38	M43A	Z	-.444	-.444	0	%100
39	M52A	X	-.665	-.665	0	%100
40	M52A	Z	-.384	-.384	0	%100
41	M53	X	-.186	-.186	0	%100
42	M53	Z	-.108	-.108	0	%100
43	M54	X	-.186	-.186	0	%100
44	M54	Z	-.108	-.108	0	%100
45	M55	X	-.342	-.342	0	%100
46	M55	Z	-.198	-.198	0	%100
47	M58A	X	-.76	-.76	0	%100
48	M58A	Z	-.439	-.439	0	%100
49	M59A	X	-.19	-.19	0	%100
50	M59A	Z	-.11	-.11	0	%100
51	M63	X	-1.026	-1.026	0	%100
52	M63	Z	-.593	-.593	0	%100
53	M64	X	-1.394	-1.394	0	%100
54	M64	Z	-.805	-.805	0	%100
55	M66	X	-1.468	-1.468	0	%100
56	M66	Z	-.848	-.848	0	%100
57	M68	X	-1.026	-1.026	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	-.593	-.593	0	%100
59	M69	X	-.348	-.348	0	%100
60	M69	Z	-.201	-.201	0	%100
61	M71	X	-.367	-.367	0	%100
62	M71	Z	-.212	-.212	0	%100
63	M76A	X	0	0	0	%100
64	M76A	Z	0	0	0	%100
65	M77A	X	-.746	-.746	0	%100
66	M77A	Z	-.43	-.43	0	%100
67	M78	X	-.746	-.746	0	%100
68	M78	Z	-.43	-.43	0	%100
69	M79A	X	-1.368	-1.368	0	%100
70	M79A	Z	-.79	-.79	0	%100
71	M82	X	-.19	-.19	0	%100
72	M82	Z	-.11	-.11	0	%100
73	M83A	X	-.19	-.19	0	%100
74	M83A	Z	-.11	-.11	0	%100
75	M87	X	0	0	0	%100
76	M87	Z	0	0	0	%100
77	M88A	X	-.348	-.348	0	%100
78	M88A	Z	-.201	-.201	0	%100
79	M90	X	-.367	-.367	0	%100
80	M90	Z	-.212	-.212	0	%100
81	M92A	X	0	0	0	%100
82	M92A	Z	0	0	0	%100
83	M93	X	-.348	-.348	0	%100
84	M93	Z	-.201	-.201	0	%100
85	M95	X	-.367	-.367	0	%100
86	M95	Z	-.212	-.212	0	%100
87	M84B	X	-.135	-.135	0	%100
88	M84B	Z	-.078	-.078	0	%100
89	M89A	X	-.135	-.135	0	%100
90	M89A	Z	-.078	-.078	0	%100
91	M94A	X	-.542	-.542	0	%100
92	M94A	Z	-.313	-.313	0	%100
93	MP4C	X	-.542	-.542	0	%100
94	MP4C	Z	-.313	-.313	0	%100
95	MP2C	X	-.542	-.542	0	%100
96	MP2C	Z	-.313	-.313	0	%100
97	MP1C	X	-.542	-.542	0	%100
98	MP1C	Z	-.313	-.313	0	%100
99	MP4B	X	-.542	-.542	0	%100
100	MP4B	Z	-.313	-.313	0	%100
101	MP2B	X	-.542	-.542	0	%100
102	MP2B	Z	-.313	-.313	0	%100
103	MP1B	X	-.542	-.542	0	%100
104	MP1B	Z	-.313	-.313	0	%100
105	M109	X	-.156	-.156	0	%100
106	M109	Z	-.09	-.09	0	%100
107	M112	X	-.156	-.156	0	%100
108	M112	Z	-.09	-.09	0	%100
109	M115	X	-.625	-.625	0	%100
110	M115	Z	-.361	-.361	0	%100
111	MP3C	X	-.542	-.542	0	%100
112	MP3C	Z	-.313	-.313	0	%100
113	MP3B	X	-.542	-.542	0	%100
114	MP3B	Z	-.313	-.313	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M1	X	-.333	-.333	0	%100
2	M1	Z	-.577	-.577	0	%100
3	M4	X	-.128	-.128	0	%100
4	M4	Z	-.222	-.222	0	%100
5	M10	X	-.323	-.323	0	%100
6	M10	Z	-.559	-.559	0	%100
7	MP3A	X	-.313	-.313	0	%100
8	MP3A	Z	-.542	-.542	0	%100
9	MP4A	X	-.313	-.313	0	%100
10	MP4A	Z	-.542	-.542	0	%100
11	MP2A	X	-.313	-.313	0	%100
12	MP2A	Z	-.542	-.542	0	%100
13	MP1A	X	-.313	-.313	0	%100
14	MP1A	Z	-.542	-.542	0	%100
15	M43	X	-.323	-.323	0	%100
16	M43	Z	-.559	-.559	0	%100
17	M46	X	-.593	-.593	0	%100
18	M46	Z	-1.026	-1.026	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.329	-.329	0	%100
22	M52B	Z	-.57	-.57	0	%100
23	M76	X	-.198	-.198	0	%100
24	M76	Z	-.342	-.342	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.198	-.198	0	%100
30	M84	Z	-.342	-.342	0	%100
31	M85	X	-.603	-.603	0	%100
32	M85	Z	-1.045	-1.045	0	%100
33	M91	X	-.636	-.636	0	%100
34	M91	Z	-1.101	-1.101	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M43A	X	-.333	-.333	0	%100
38	M43A	Z	-.577	-.577	0	%100
39	M52A	X	-.512	-.512	0	%100
40	M52A	Z	-.886	-.886	0	%100
41	M53	X	0	0	0	%100
42	M53	Z	0	0	0	%100
43	M54	X	0	0	0	%100
44	M54	Z	0	0	0	%100
45	M55	X	0	0	0	%100
46	M55	Z	0	0	0	%100
47	M58A	X	-.329	-.329	0	%100
48	M58A	Z	-.57	-.57	0	%100
49	M59A	X	-.329	-.329	0	%100
50	M59A	Z	-.57	-.57	0	%100
51	M63	X	-.79	-.79	0	%100
52	M63	Z	-1.368	-1.368	0	%100
53	M64	X	-.603	-.603	0	%100
54	M64	Z	-1.045	-1.045	0	%100
55	M66	X	-.636	-.636	0	%100
56	M66	Z	-1.101	-1.101	0	%100
57	M68	X	-.79	-.79	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M68	Z	-1.368	-1.368	0	%100
59	M69	X	-.603	-.603	0	%100
60	M69	Z	-1.045	-1.045	0	%100
61	M71	X	-.636	-.636	0	%100
62	M71	Z	-1.101	-1.101	0	%100
63	M76A	X	-.128	-.128	0	%100
64	M76A	Z	-.222	-.222	0	%100
65	M77A	X	-.323	-.323	0	%100
66	M77A	Z	-.559	-.559	0	%100
67	M78	X	-.323	-.323	0	%100
68	M78	Z	-.559	-.559	0	%100
69	M79A	X	-.593	-.593	0	%100
70	M79A	Z	-1.026	-1.026	0	%100
71	M82	X	-.329	-.329	0	%100
72	M82	Z	-.57	-.57	0	%100
73	M83A	X	0	0	0	%100
74	M83A	Z	0	0	0	%100
75	M87	X	-.198	-.198	0	%100
76	M87	Z	-.342	-.342	0	%100
77	M88A	X	-.603	-.603	0	%100
78	M88A	Z	-1.045	-1.045	0	%100
79	M90	X	-.636	-.636	0	%100
80	M90	Z	-1.101	-1.101	0	%100
81	M92A	X	-.198	-.198	0	%100
82	M92A	Z	-.342	-.342	0	%100
83	M93	X	0	0	0	%100
84	M93	Z	0	0	0	%100
85	M95	X	0	0	0	%100
86	M95	Z	0	0	0	%100
87	M84B	X	-.235	-.235	0	%100
88	M84B	Z	-.406	-.406	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	0	0	0	%100
91	M94A	X	-.235	-.235	0	%100
92	M94A	Z	-.406	-.406	0	%100
93	MP4C	X	-.313	-.313	0	%100
94	MP4C	Z	-.542	-.542	0	%100
95	MP2C	X	-.313	-.313	0	%100
96	MP2C	Z	-.542	-.542	0	%100
97	MP1C	X	-.313	-.313	0	%100
98	MP1C	Z	-.542	-.542	0	%100
99	MP4B	X	-.313	-.313	0	%100
100	MP4B	Z	-.542	-.542	0	%100
101	MP2B	X	-.313	-.313	0	%100
102	MP2B	Z	-.542	-.542	0	%100
103	MP1B	X	-.313	-.313	0	%100
104	MP1B	Z	-.542	-.542	0	%100
105	M109	X	-.271	-.271	0	%100
106	M109	Z	-.469	-.469	0	%100
107	M112	X	0	0	0	%100
108	M112	Z	0	0	0	%100
109	M115	X	-.271	-.271	0	%100
110	M115	Z	-.469	-.469	0	%100
111	MP3C	X	-.313	-.313	0	%100
112	MP3C	Z	-.542	-.542	0	%100
113	MP3B	X	-.313	-.313	0	%100
114	MP3B	Z	-.542	-.542	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M51B	Y	-1.665	-4.227	0	.832
2	M51B	Y	-4.227	-6.9	.832	1.665
3	M51B	Y	-6.9	-8.189	1.665	2.497
4	M51B	Y	-8.189	-6.545	2.497	3.329
5	M51B	Y	-6.545	-3.463	3.329	4.162
6	M52B	Y	-3.47	-6.578	0	.832
7	M52B	Y	-6.578	-8.256	.832	1.665
8	M52B	Y	-8.256	-7.042	1.665	2.497
9	M52B	Y	-7.042	-4.428	2.497	3.329
10	M52B	Y	-4.428	-1.879	3.329	4.162
11	M58A	Y	-1.665	-4.227	0	.832
12	M58A	Y	-4.227	-6.9	.832	1.665
13	M58A	Y	-6.9	-8.189	1.665	2.497
14	M58A	Y	-8.189	-6.545	2.497	3.329
15	M58A	Y	-6.545	-3.463	3.329	4.162
16	M59A	Y	-3.47	-6.578	0	.832
17	M59A	Y	-6.578	-8.256	.832	1.665
18	M59A	Y	-8.256	-7.042	1.665	2.497
19	M59A	Y	-7.042	-4.428	2.497	3.329
20	M59A	Y	-4.428	-1.879	3.329	4.162
21	M82	Y	-1.883	-4.428	0	.832
22	M82	Y	-4.428	-7.048	.832	1.665
23	M82	Y	-7.048	-8.261	1.665	2.497
24	M82	Y	-8.261	-6.572	2.497	3.329
25	M82	Y	-6.572	-3.462	3.329	4.162
26	M83A	Y	-3.463	-6.544	0	.832
27	M83A	Y	-6.544	-8.187	.832	1.665
28	M83A	Y	-8.187	-6.899	1.665	2.497
29	M83A	Y	-6.899	-4.227	2.497	3.329
30	M83A	Y	-4.227	-1.664	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M51B	Y	-3.523	-8.941	0	.832
2	M51B	Y	-8.941	-14.596	.832	1.665
3	M51B	Y	-14.596	-17.322	1.665	2.497
4	M51B	Y	-17.322	-13.844	2.497	3.329
5	M51B	Y	-13.844	-7.325	3.329	4.162
6	M52B	Y	-7.34	-13.915	0	.832
7	M52B	Y	-13.915	-17.465	.832	1.665
8	M52B	Y	-17.465	-14.896	1.665	2.497
9	M52B	Y	-14.896	-9.367	2.497	3.329
10	M52B	Y	-9.367	-3.976	3.329	4.162
11	M58A	Y	-3.523	-8.941	0	.832
12	M58A	Y	-8.941	-14.596	.832	1.665
13	M58A	Y	-14.596	-17.322	1.665	2.497
14	M58A	Y	-17.322	-13.844	2.497	3.329
15	M58A	Y	-13.844	-7.325	3.329	4.162
16	M59A	Y	-7.34	-13.915	0	.832
17	M59A	Y	-13.915	-17.465	.832	1.665
18	M59A	Y	-17.465	-14.896	1.665	2.497
19	M59A	Y	-14.896	-9.367	2.497	3.329
20	M59A	Y	-9.367	-3.976	3.329	4.162
21	M82	Y	-3.983	-9.366	0	.832
22	M82	Y	-9.366	-14.909	.832	1.665
23	M82	Y	-14.909	-17.475	1.665	2.497

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
24	M82	Y	-17.475	-13.902	2.497	3.329
25	M82	Y	-13.902	-7.324	3.329	4.162
26	M83A	Y	-7.326	-13.844	0	.832
27	M83A	Y	-13.844	-17.319	.832	1.665
28	M83A	Y	-17.319	-14.595	1.665	2.497
29	M83A	Y	-14.595	-8.942	2.497	3.329
30	M83A	Y	-8.942	-3.519	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M51B	Y	-.071	-.18	0	.832
2	M51B	Y	-.18	-.293	.832	1.665
3	M51B	Y	-.293	-.348	1.665	2.497
4	M51B	Y	-.348	-.278	2.497	3.329
5	M51B	Y	-.278	-.147	3.329	4.162
6	M52B	Y	-.147	-.28	0	.832
7	M52B	Y	-.28	-.351	.832	1.665
8	M52B	Y	-.351	-.299	1.665	2.497
9	M52B	Y	-.299	-.188	2.497	3.329
10	M52B	Y	-.188	-.08	3.329	4.162
11	M58A	Y	-.071	-.18	0	.832
12	M58A	Y	-.18	-.293	.832	1.665
13	M58A	Y	-.293	-.348	1.665	2.497
14	M58A	Y	-.348	-.278	2.497	3.329
15	M58A	Y	-.278	-.147	3.329	4.162
16	M59A	Y	-.147	-.28	0	.832
17	M59A	Y	-.28	-.351	.832	1.665
18	M59A	Y	-.351	-.299	1.665	2.497
19	M59A	Y	-.299	-.188	2.497	3.329
20	M59A	Y	-.188	-.08	3.329	4.162
21	M82	Y	-.08	-.188	0	.832
22	M82	Y	-.188	-.3	.832	1.665
23	M82	Y	-.3	-.351	1.665	2.497
24	M82	Y	-.351	-.279	2.497	3.329
25	M82	Y	-.279	-.147	3.329	4.162
26	M83A	Y	-.147	-.278	0	.832
27	M83A	Y	-.278	-.348	.832	1.665
28	M83A	Y	-.348	-.293	1.665	2.497
29	M83A	Y	-.293	-.18	2.497	3.329
30	M83A	Y	-.18	-.071	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M51B	Z	-.177	-.449	0	.832
2	M51B	Z	-.449	-.732	.832	1.665
3	M51B	Z	-.732	-.869	1.665	2.497
4	M51B	Z	-.869	-.695	2.497	3.329
5	M51B	Z	-.695	-.368	3.329	4.162
6	M52B	Z	-.368	-.698	0	.832
7	M52B	Z	-.698	-.876	.832	1.665
8	M52B	Z	-.876	-.747	1.665	2.497
9	M52B	Z	-.747	-.47	2.497	3.329
10	M52B	Z	-.47	-.199	3.329	4.162
11	M58A	Z	-.177	-.449	0	.832
12	M58A	Z	-.449	-.732	.832	1.665
13	M58A	Z	-.732	-.869	1.665	2.497

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
14	M58A	Z	-.869	-.695	2.497	3.329
15	M58A	Z	-.695	-.368	3.329	4.162
16	M59A	Z	-.368	-.698	0	.832
17	M59A	Z	-.698	-.876	.832	1.665
18	M59A	Z	-.876	-.747	1.665	2.497
19	M59A	Z	-.747	-.47	2.497	3.329
20	M59A	Z	-.47	-.199	3.329	4.162
21	M82	Z	-.2	-.47	0	.832
22	M82	Z	-.47	-.748	.832	1.665
23	M82	Z	-.748	-.877	1.665	2.497
24	M82	Z	-.877	-.698	2.497	3.329
25	M82	Z	-.698	-.368	3.329	4.162
26	M83A	Z	-.368	-.695	0	.832
27	M83A	Z	-.695	-.869	.832	1.665
28	M83A	Z	-.869	-.732	1.665	2.497
29	M83A	Z	-.732	-.449	2.497	3.329
30	M83A	Z	-.449	-.177	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M51B	X	.177	.449	0	.832
2	M51B	X	.449	.732	.832	1.665
3	M51B	X	.732	.869	1.665	2.497
4	M51B	X	.869	.695	2.497	3.329
5	M51B	X	.695	.368	3.329	4.162
6	M52B	X	.368	.698	0	.832
7	M52B	X	.698	.876	.832	1.665
8	M52B	X	.876	.747	1.665	2.497
9	M52B	X	.747	.47	2.497	3.329
10	M52B	X	.47	.199	3.329	4.162
11	M58A	X	.177	.449	0	.832
12	M58A	X	.449	.732	.832	1.665
13	M58A	X	.732	.869	1.665	2.497
14	M58A	X	.869	.695	2.497	3.329
15	M58A	X	.695	.368	3.329	4.162
16	M59A	X	.368	.698	0	.832
17	M59A	X	.698	.876	.832	1.665
18	M59A	X	.876	.747	1.665	2.497
19	M59A	X	.747	.47	2.497	3.329
20	M59A	X	.47	.199	3.329	4.162
21	M82	X	.2	.47	0	.832
22	M82	X	.47	.748	.832	1.665
23	M82	X	.748	.877	1.665	2.497
24	M82	X	.877	.698	2.497	3.329
25	M82	X	.698	.368	3.329	4.162
26	M83A	X	.368	.695	0	.832
27	M83A	X	.695	.869	.832	1.665
28	M83A	X	.869	.732	1.665	2.497
29	M83A	X	.732	.449	2.497	3.329
30	M83A	X	.449	.177	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N6	N87C	N87B	N7	Y	Two Way	-.005
2	N86	N109	N111	N87	Y	Two Way	-.005

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
3	N115	N138	N140	N116	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N6	N87C	N87B	N7	Y	Two Way	-.011
2	N86	N109	N111	N87	Y	Two Way	-.011
3	N115	N138	N140	N116	Y	Two Way	-.011

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N6	N87C	N87B	N7	Y	Two Way	-.000221
2	N86	N109	N111	N87	Y	Two Way	-.000221
3	N115	N138	N140	N116	Y	Two Way	-.000221

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N6	N87C	N87B	N7	Z	Two Way	-.000552
2	N86	N109	N111	N87	Z	Two Way	-.000552
3	N115	N138	N140	N116	Z	Two Way	-.000552

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N6	N87C	N87B	N7	X	Two Way	.000552
2	N86	N109	N111	N87	X	Two Way	.000552
3	N115	N138	N140	N116	X	Two Way	.000552

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	N3	max	1208.645	10	2697.727	13	3262.329	1	6.185	1	1.728	4	.272	4
2		min	-1213.451	4	-227.75	7	-3412.303	7	-2.309	7	-1.728	10	-.219	10
3	N84A	max	2882.576	9	2698.273	21	1629.359	2	1.135	3	1.728	12	2.01	3
4		min	-3010.728	3	-227.362	3	-1544.342	8	-3.028	9	-1.729	6	-5.393	9
5	N113	max	2899.34	11	2697.863	17	1907.24	12	1.173	11	1.728	8	5.318	5
6		min	-2767.739	5	-227.406	11	-1829.306	6	-3.156	5	-1.729	2	-1.988	11
7	Totals:	max	6704.578	10	7207.906	23	6705.061	1						
8		min	-6704.578	4	2211.092	68	-6705.065	7						

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

	Member	Shape	Code Check	L...	LC	Shear Check	Loc[ft]	Dir	LC	phi*Pn...	phi*Pnt...	phi*Mn...	phi*Mn...	Cb	Eqn
1	M1	PIPE_3.0	.221	7...	9	.106	8.594		7	28250....	65205	5.749	5.749	2...	H1-1b
2	M4	HSS4X4X3	.507	0	1	.101	0	y	14	95681....	106812	12.662	12.662	2...	H1-1b
3	M10	HSS4X4X3	.248	2...	2	.083	.223	z	2	104414...	106812	12.662	12.662	1...	H1-1b
4	MP3A	PIPE_2.0	.647	4...	5	.145	4.943		7	19360....	32130	1.872	1.872	1...	H1-1b
5	MP4A	PIPE_2.0	.446	4...	5	.211	1.286		6	19360....	32130	1.872	1.872	1...	H1-1b
6	MP2A	PIPE_2.0	.679	4...	10	.125	3.453		11	19360....	32130	1.872	1.872	1...	H1-1b
7	MP1A	PIPE_2.0	.459	4...	9	.209	1.286		8	19360....	32130	1.872	1.872	1...	H1-1b
8	M43	HSS4X4X3	.240	0	24	.075	2.152	z	1	104414...	106812	12.662	12.662	1...	H1-1b
9	M46	PL1/2x6	.236	....	1	.188	.516	y	4	66009....	97200	1.012	12.15	1...	H1-1b
10	M51B	L2x2x3	.214	4...	2	.014	0	y	17	9823.1...	23392.8	.558	1.099	1...	H2-1
11	M52B	L2x2x3	.204	0	12	.015	4.162	y	21	9823.1...	23392.8	.558	1.096	1...	H2-1
12	M76	PL3/8x6	.269	0	4	.251	0	y	6	70647....	72900	.57	9.113	1...	H1-1b
13	M77	PL3/8x6	.276	....	8	.289	0	y	13	71583....	72900	.57	9.112	1...	H1-1b

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

	Member	Shape	Code Check	L...	LC	Shear Check	Loc[ft]	Dir	LC	phi*Pn...	phi*Pnt...	phi*Mn...	phi*Mn...	Cb	Eqn
14	M80	PL1/2x6	.059	....	1	.093	.112	y	5	96757....	97200	1.012	12.15	1...	H1-1b
15	M84	PL3/8x6	.254	0	1	.269	0	y	20	70647....	72900	.57	9.113	1...	H1-1b
16	M85	PL3/8x6	.264	....	6	.280	0	y	24	71583....	72900	.57	9.113	1...	H1-1b
17	M91	PL1/2x6	.063	....	1	.104	.112	y	9	96757....	97200	1.012	12.15	1...	H1-1b
18	M34	PIPE_3.0	.221	7...	5	.106	8.594		3	28250....	65205	5.749	5.749	2...	H1-1b
19	M43A	PIPE_3.0	.221	7...	1	.106	8.594		11	28250....	65205	5.749	5.749	2...	H1-1b
20	M52A	HSS4X4X3	.507	0	9	.115	0	y	44	95681....	106812	12.662	12.662	2...	H1-1b
21	M53	HSS4X4X3	.248	2...	10	.083	.223	z	10	104414...	106812	12.662	12.662	1...	H1-1b
22	M54	HSS4X4X3	.240	0	20	.075	2.152	z	9	104414...	106812	12.662	12.662	1...	H1-1b
23	M55	PL1/2x6	.236	....	9	.188	.516	y	12	66009....	97200	1.012	12.15	1...	H1-1b
24	M58A	L2x2x3	.214	4...	10	.014	0	y	13	9823.1...	23392.8	.558	1.099	1...	H2-1
25	M59A	L2x2x3	.204	0	8	.015	4.162	y	17	9823.1...	23392.8	.558	1.096	1...	H2-1
26	M63	PL3/8x6	.269	0	12	.251	0	y	2	70647....	72900	.57	9.113	1...	H1-1b
27	M64	PL3/8x6	.276	....	4	.289	0	y	21	71583....	72900	.57	9.112	1...	H1-1b
28	M66	PL1/2x6	.059	....	9	.093	.112	y	1	96757....	97200	1.012	12.15	1...	H1-1b
29	M68	PL3/8x6	.254	0	9	.269	0	y	16	70647....	72900	.57	9.113	1...	H1-1b
30	M69	PL3/8x6	.264	....	2	.280	0	y	20	71583....	72900	.57	9.113	1...	H1-1b
31	M71	PL1/2x6	.063	....	9	.104	.112	y	5	96757....	97200	1.012	12.15	1...	H1-1b
32	M76A	HSS4X4X3	.507	0	5	.121	0	y	30	95681....	106812	12.662	12.662	2...	H1-1b
33	M77A	HSS4X4X3	.248	2...	6	.083	.223	z	6	104414...	106812	12.662	12.662	1...	H1-1b
34	M78	HSS4X4X3	.240	0	16	.075	2.152	z	5	104414...	106812	12.662	12.662	1...	H1-1b
35	M79A	PL1/2x6	.236	....	5	.188	.516	y	8	66009....	97200	1.012	12.15	1...	H1-1b
36	M82	L2x2x3	.215	4...	6	.014	0	y	21	9823.1...	23392.8	.558	1.096	1...	H2-1
37	M83A	L2x2x3	.204	0	4	.014	4.162	y	13	9823.1...	23392.8	.558	1.099	1...	H2-1
38	M87	PL3/8x6	.269	0	8	.251	0	y	10	70647....	72900	.57	9.113	1...	H1-1b
39	M88A	PL3/8x6	.276	....	12	.289	0	y	18	71583....	72900	.57	9.112	1...	H1-1b
40	M90	PL1/2x6	.059	....	5	.093	.112	y	9	96757....	97200	1.012	12.15	1...	H1-1b
41	M92A	PL3/8x6	.254	0	5	.269	0	y	24	70647....	72900	.57	9.113	1...	H1-1b
42	M93	PL3/8x6	.264	....	10	.280	0	y	16	71583....	72900	.57	9.113	1...	H1-1b
43	M95	PL1/2x6	.063	....	5	.104	.112	y	1	96757....	97200	1.012	12.15	1...	H1-1b
44	M84B	PIPE_2.0	.377	4...	8	.165	.651		7	6295.4...	32130	1.872	1.872	2...	H1-1b
45	M89A	PIPE_2.0	.377	4...	4	.165	.651		3	6295.4...	32130	1.872	1.872	2...	H1-1b
46	M94A	PIPE_2.0	.377	4...	12	.165	.651		11	6295.4...	32130	1.872	1.872	2...	H1-1b
47	MP4C	PIPE_2.0	.446	4...	1	.211	1.286		2	19360....	32130	1.872	1.872	1...	H1-1b
48	MP2C	PIPE_2.0	.679	4...	6	.125	3.453		7	19360....	32130	1.872	1.872	1...	H1-1b
49	MP1C	PIPE_2.0	.459	4...	5	.209	1.286		4	19360....	32130	1.872	1.872	1...	H1-1b
50	MP4B	PIPE_2.0	.446	4...	9	.210	1.286		10	19360....	32130	1.872	1.872	1...	H1-1b
51	MP2B	PIPE_2.0	.679	4...	2	.125	3.453		3	19360....	32130	1.872	1.872	1...	H1-1b
52	MP1B	PIPE_2.0	.460	4...	1	.209	1.286		12	19360....	32130	1.872	1.872	1...	H1-1b
53	M109	L2.5x2.5x6	.379	0	3	.146	0	z	4	54026....	56052	1.512	3.537	1...	H2-1
54	M112	L2.5x2.5x6	.379	0	11	.146	0	z	12	54026....	56052	1.512	3.537	1...	H2-1
55	M115	L2.5x2.5x6	.379	0	7	.146	0	z	8	54026....	56052	1.512	3.537	1...	H2-1
56	MP3C	PIPE_2.0	.647	4...	1	.145	4.943		3	19360....	32130	1.872	1.872	1...	H1-1b
57	MP3B	PIPE_2.0	.647	4...	9	.145	4.943		11	19360....	32130	1.872	1.872	1...	H1-1b

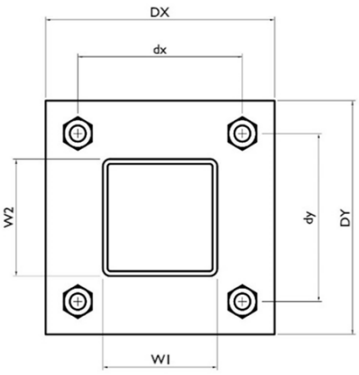
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/6/2023
Site Name:	Oxford North CT		
MDG #:	5000385034		
Fuze ID #:	17124003	Page:	1

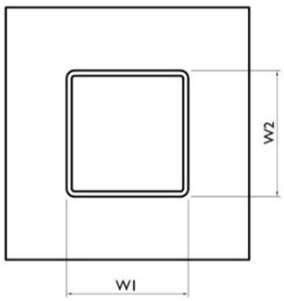
Version 1.01

I. Mount-to-Tower Connection Check

Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	7
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	7
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	6.1
Required Shear Strength / bolt (kips):	0.6
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**29.7%**



Tower Connection Baseplate Checks	Yes
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	10
Plate Height, D_y (in):	10
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.1875
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.875
Length of Yield Line, L_y (in):	7.70
Bolt Eccentricity, e (in):	2.30
M_u (kip-in):	14.12
Phi*M_n (kip-in):	47.76
Plate Bending Utilization:	**29.6%**

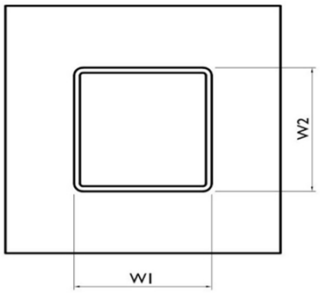


VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/6/2023
Site Name:	Oxford North CT		
PSLC #:	5000385034		
Fuze ID #:	17124003	Page:	2

Version 1.01

Tower Connection Weld Checks	Yes
Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Stiffener Notch Length, n (in):	
Weld Size (1/16 in):	3
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	16.00
Z_x (in^3/in):	21.33
Z_y (in^3/in):	21.33
J_p (in^4/in):	85.33
c_x (in)	2.1875
c_y (in)	2.1875
Required combined strength (kip/in):	2.48
Weld Capacity (kip/in):	4.18
Weld Utilization:	**59.3%**



Date: **July 26, 2023**

Lynn Ori
Crown Castle
2055 S Stearman Dr
Chandler, AZ 85286

Telamon CLS
319 Chapanoke Road, Suite 118
Raleigh, NC 27603
(405) 348-5460

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Carrier Site Number:	5000385034
	Carrier Site Name:	OXFORD NORTH CT
Crown Castle Designation:	**Crown Castle BU Number:**	873645
	Crown Castle Site Name:	Oxford
	Crown Castle JDE Job Number:	751356
	Crown Castle Work Order Number:	2246727
	Crown Castle Order Number:	654608 Rev. 0
Engineering Firm Designation:	**Telamon CLS Project Number:**	42285-873645-01-STR
Site Data:	**691 Oxford RD, OXFORD, New Haven County, CT** **Latitude *41° 26' 49.51"*, Longitude *-73° 9' 8.316"*** **150 Foot - Monopole Tower**	

Dear Lynn Ori,

Telamon CLS 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 - 61%**

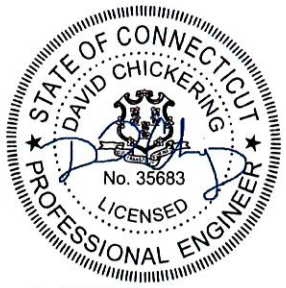
This analysis utilizes an ultimate 3-second gust wind speed of 117 mph as required by the 2022 Connecticut State Building Code. Applicable standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Anna Stiles, E.I.

Respectfully submitted by:

David Chickering, P.E.
Engineering Manager

David W Chickering
2023.07.26 17:15:47
-04'00'
2023.003.20244



David Chickering
Telamon Tower Engineering PLLC
PE # 35683 Exp. 01/31/2024

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 150 ft Monopole tower designed by SUMMIT.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	117 mph
Exposure Category:	C
Topographic Factor:	1
Ice Thickness:	1 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)
147.0	150.0	3	commscope	CBC78T-DS-43-2X	7	1-5/8
	148.0	1	raycap	RHSDC-6627-PF-48		
	147.0	6	antel	LPA-80063/6CF w/ Mount Pipe		
		6	commscope	JAHH-65B-R3B w/ Mount Pipe		
		3	kaelus	BSF0020F3V1		
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		
		3	samsung telecommunications	RFV01U-D1A		
		3	samsung telecommunications	RFV01U-D2A		
		1	tower mounts	Platform Mount [LP 303-1_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)
139.0	140.0	4	andrew	SBNH-1D6565C w/ Mount Pipe	12 1 2 1	1-5/8 3/8 3/4 Conduit
		2	kmw communications	AM-X-CD-16-65-00T-RET w/ Mount Pipe		
		3	powerwave technologies	7770.00 w/ Mount Pipe		
	139.0	3	ericsson	RRUS 11 B12		
		3	ericsson	RRUS 12 B2		
		3	powerwave technologies	TT19-08BP111-001		
		1	raycap	DC6-48-60-18-8F		
		1	tower mounts	Platform Mount [LP 1201-1_KCKR-HR-1]		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
	136.0	3	communication components inc.	DTMABP7819VG12A		
125.0	129.0	3	fujitsu	TA08025-B604	1	1-1/2
		3	fujitsu	TA08025-B605		
		1	raycap	RDIDC-9181-PF-48		
	127.0	3	commscope	FFVV-65B-R2 w/ Mount Pipe		
	125.0	6	tower mounts	8' x 2" Mount Pipe		
		1	tower mounts	Platform Mount [LP 716-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	2134249	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	1339630	CCISITES
4-TOWER MANUFACTURER DRAWINGS	1339644	CCISITES

3.1) Analysis Method

tnxTower (version 8.1.1.0), 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.

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. Telamon CLS 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	150 - 110.75	Pole	TP31.38x24x0.219	1	-13.75	1296.90	37.7	Pass
L2	110.75 - 74.75	Pole	TP37.711x30.19x0.25	2	-19.06	1782.34	61.0	Pass
L3	74.75 - 39.5	Pole	TP43.839x36.318x0.313	3	-26.39	2588.89	59.9	Pass
L4	39.5 - 0	Pole	TP50.64x42.18x0.375	4	-39.19	3674.93	57.6	Pass
							Summary	
						Pole (L2)	61.0	Pass
						Rating =	61.0	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC5

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	48.8	Pass
1	Base Plate	0	50.1	Pass
1	Base Foundation (Structure)	0	36.3	Pass
1	Base Foundation (Soil Interaction)	0	48.4	Pass

Structure Rating (max from all components) =	61%

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

4.1) Recommendations

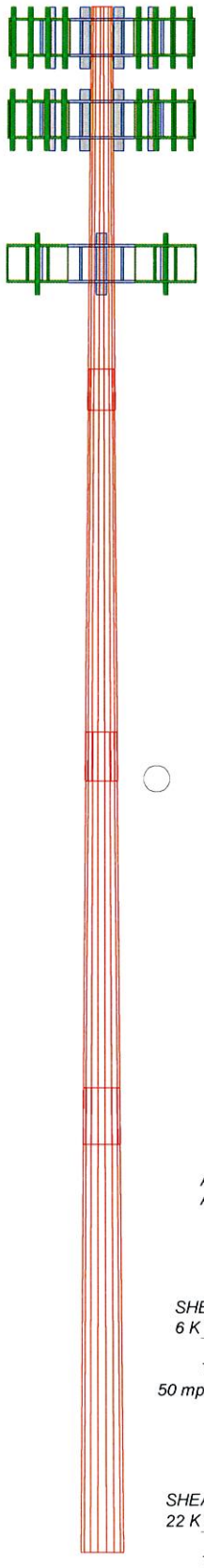
The tower and its foundation have sufficient capacity to carry the proposed load configuration. No modifications are required at this time.

APPENDIX A

TNXTOWER OUTPUT

Section	1	2	3	4
Length (ft)	39.25	40.00	40.00	45.00
Number of Sides	18	18	18	18
Thickness (in)	0.219	0.250	0.313	0.375
Socket Length (ft)	4.00	4.75	5.50	
Top Dia (in)	24.000	30.190	36.318	42.180
Bot Dia (in)	31.380	37.711	43.839	50.640
Grade	A607-65			
Weight (K)	2.5	3.6	5.4	8.4

Total Weight (K) 19.9



MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A607-65	65 ksi	80 ksi			

TOWER DESIGN NOTES

1. Tower is located in New Haven County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 117 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 61%

ALL REACTIONS ARE FACTORED

AXIAL 55 K

SHEAR 6 K *MOMENT 691 kip-ft*

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

AXIAL 39 K

SHEAR 22 K *MOMENT 2461 kip-ft*

TORQUE 1 kip-ft
REACTIONS - 117 mph WIND

telamon CLS
Telamon CLS
319 Chapanoke Road, Suite 118
Raleigh, NC 27603
Phone: (405) 348-5460
FAX: (405) 341-6334

Job: **BU# 873645**			
Project: ***42285-873645-01-STR***			
Client: Crown Castle	Drawn by: Anna.Stiles	App'd:	
Code: TIA-222-H	Date: 07/26/23	Scale: NTS	
Path:		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 New Haven County, Connecticut.
- Tower base elevation above sea level: 670.00 ft.
- Basic wind speed of 117 mph.
- Risk Category II.
- Exposure Category C.
- Simplified Topographic Factor Procedure for wind speed-up calculations is used.
- Topographic Category: 1.
- Crest Height: 0.00 ft.
- Nominal ice thickness of 1.000 in.
- Ice thickness is considered to increase with height.
- Ice density of 56 pcf.
- A wind speed of 50 mph is used in combination with ice.
- Temperature drop of 50 °F.
- Deflections calculated using a wind speed of 60 mph.
- A non-linear (P-delta) analysis was used.
- Pressures are calculated at each section.
- Stress ratio used in pole design is 1.
- Tower analysis based on target reliabilities in accordance with Annex S.
- Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
- Maximum demand-capacity ratio is: 1.05.
- Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

Consider Moments - Legs	Distribute Leg Loads As Uniform	Use ASCE 10 X-Brace Ly Rules
Consider Moments - Horizontals	Assume Legs Pinned	Calculate Redundant Bracing Forces
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 ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	150.00-110.75	39.25	4.000	18	24.000	31.380	0.219	0.875	A607-65 (65 ksi)
L2	110.75-74.75	40.00	4.750	18	30.190	37.711	0.250	1.000	A607-65 (65 ksi)
L3	74.75-39.50	40.00	5.500	18	36.318	43.839	0.313	1.250	A607-65 (65 ksi)
L4	39.50-0.00	45.00		18	42.180	50.640	0.375	1.500	A607-65 (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	24.336	16.512	1179.768	8.442	12.192	96.766	2361.088	8.257	3.839	17.55
	31.830	21.636	2654.221	11.062	15.941	166.502	5311.934	10.820	5.138	23.487
L2	31.381	23.758	2690.649	10.629	15.337	175.438	5384.839	11.881	4.874	19.494
	38.254	29.725	5270.144	13.299	19.157	275.100	10547.223	14.865	6.197	24.789
L3	37.737	35.713	5849.225	12.782	18.450	317.040	11706.148	17.860	5.842	18.694
	44.467	43.173	10333.695	15.452	22.270	464.014	20680.987	21.591	7.166	22.93
L4	43.823	49.758	10986.408	14.841	21.427	512.728	21987.273	24.884	6.764	18.036
	51.363	59.828	19097.332	17.844	25.725	742.361	38219.793	29.920	8.253	22.007

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 150.00-110.75				1	1	1			
L2 110.75-74.75				1	1	1			
L3 74.75-39.50				1	1	1			
L4 39.50-0.00				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
5/8 rod/step	C	No	Surface Ar (CaAa)	150.00 - 0.00	1	1	0.000 0.000	0.200		0.274
Safety Line 3/8 ****	C	No	Surface Ar (CaAa)	150.00 - 0.00	1	1	0.000 0.000	0.375		0.220

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
147 AL7-50(1 5/8")	A	No	No	Inside Pole	147.00 - 0.00	6	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.520 0.520 0.520

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
HB158-U12S24-XXX-LI(1-5/8)	A	No	No	Inside Pole	147.00 - 0.00	1	No Ice	0.00	3.200
							1/2" Ice	0.00	3.200
							1" Ice	0.00	3.200
139									
LCF158-50JA-A0(1-5/8)	B	No	No	Inside Pole	139.00 - 0.00	12	No Ice	0.00	0.800
							1/2" Ice	0.00	0.800
							1" Ice	0.00	0.800
FB-L98B-034-XXX(3/8)	B	No	No	Inside Pole	139.00 - 0.00	1	No Ice	0.00	0.057
							1/2" Ice	0.00	0.057
							1" Ice	0.00	0.057
WR-VG86ST-BRD(3/4)	B	No	No	Inside Pole	139.00 - 0.00	2	No Ice	0.00	0.584
							1/2" Ice	0.00	0.584
							1" Ice	0.00	0.584
2" Rigid Conduit	B	No	No	Inside Pole	139.00 - 0.00	1	No Ice	0.00	2.800
							1/2" Ice	0.00	2.800
							1" Ice	0.00	2.800
**									
CU12PSM9P6XXX (1-1/2)	A	No	No	Inside Pole	125.00 - 0.00	1	No Ice	0.00	2.350
							1/2" Ice	0.00	2.350
							1" Ice	0.00	2.350
****									

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	150.00-110.75	A	0.000	0.000	0.000	0.000	0.26
		B	0.000	0.000	0.000	0.000	0.38
		C	0.000	0.000	2.257	0.000	0.02
L2	110.75-74.75	A	0.000	0.000	0.000	0.000	0.31
		B	0.000	0.000	0.000	0.000	0.49
		C	0.000	0.000	2.070	0.000	0.02
L3	74.75-39.50	A	0.000	0.000	0.000	0.000	0.31
		B	0.000	0.000	0.000	0.000	0.48
		C	0.000	0.000	2.027	0.000	0.02
L4	39.50-0.00	A	0.000	0.000	0.000	0.000	0.34
		B	0.000	0.000	0.000	0.000	0.54
		C	0.000	0.000	2.271	0.000	0.02

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	150.00-110.75	A	0.975	0.000	0.000	0.000	0.000	0.26
		B		0.000	0.000	0.000	0.000	0.38
		C		0.000	0.000	17.559	0.000	0.14
L2	110.75-74.75	A	0.942	0.000	0.000	0.000	0.000	0.31
		B		0.000	0.000	0.000	0.000	0.49
		C		0.000	0.000	16.105	0.000	0.13
L3	74.75-39.50	A	0.898	0.000	0.000	0.000	0.000	0.31
		B		0.000	0.000	0.000	0.000	0.48
		C		0.000	0.000	15.311	0.000	0.12
L4	39.50-0.00	A	0.808	0.000	0.000	0.000	0.000	0.34
		B		0.000	0.000	0.000	0.000	0.54
		C		0.000	0.000	16.454	0.000	0.12

Feed Line Center of Pressure

Section	Elevation	CP_X	CP_Z	CP_X Ice	CP_Z Ice
	ft	in	in	in	in
L1	150.00-110.75	0.000	0.526	0.000	1.956
L2	110.75-74.75	0.000	0.528	0.000	2.031
L3	74.75-39.50	0.000	0.530	0.000	2.030
L4	39.50-0.00	0.000	0.531	0.000	1.996

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	1	5/8 rod/step	110.75 - 150.00	1.0000	1.0000
L1	2	Safety Line 3/8	110.75 - 150.00	1.0000	1.0000
L2	1	5/8 rod/step	74.75 - 110.75	1.0000	1.0000
L2	2	Safety Line 3/8	74.75 - 110.75	1.0000	1.0000
L3	1	5/8 rod/step	39.50 - 74.75	1.0000	1.0000
L3	2	Safety Line 3/8	39.50 - 74.75	1.0000	1.0000
L4	1	5/8 rod/step	0.00 - 39.50	1.0000	1.0000
L4	2	Safety Line 3/8	0.00 - 39.50	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
***									
Lighting Rod 1/2" x 2'	C	None		0.000	150.00	No Ice	0.10	0.10	0.02
						1/2" Ice	0.26	0.26	0.02
						1" Ice	0.40	0.40	0.02
***									
(2) LPA-80063/6CF w/ Mount Pipe	A	From Leg	4.00 0.000 0.000	0.000	147.00	No Ice	7.19	7.30	0.06
						1/2" Ice	7.77	7.88	0.15
						1" Ice	8.36	8.47	0.25
(2) LPA-80063/6CF w/ Mount Pipe	B	From Leg	4.00 0.000 0.000	0.000	147.00	No Ice	7.19	7.30	0.06
						1/2" Ice	7.77	7.88	0.15
						1" Ice	8.36	8.47	0.25
(2) LPA-80063/6CF w/	C	From Leg	4.00	0.000	147.00	No Ice	7.19	7.30	0.06

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
Mount Pipe			0.000 0.000			1/2" Ice 1" Ice	7.77 8.36	7.88 8.47	0.15 0.25
(2) JAHH-65B-R3B w/ Mount Pipe	A	From Leg	4.00 0.000 0.000	0.000	147.00	No Ice 1/2" Ice 1" Ice	5.50 5.97 6.45	4.38 4.84 5.30	0.10 0.17 0.25
(2) JAHH-65B-R3B w/ Mount Pipe	B	From Leg	4.00 0.000 0.000	0.000	147.00	No Ice 1/2" Ice 1" Ice	5.50 5.97 6.45	4.38 4.84 5.30	0.10 0.17 0.25
(2) JAHH-65B-R3B w/ Mount Pipe	C	From Leg	4.00 0.000 0.000	0.000	147.00	No Ice 1/2" Ice 1" Ice	5.50 5.97 6.45	4.38 4.84 5.30	0.10 0.17 0.25
MT6407-77A w/ Mount Pipe	A	From Leg	4.00 0.000 0.000	0.000	147.00	No Ice 1/2" Ice 1" Ice	4.91 5.26 5.61	2.68 3.14 3.62	0.10 0.14 0.18
MT6407-77A w/ Mount Pipe	B	From Leg	4.00 0.000 0.000	0.000	147.00	No Ice 1/2" Ice 1" Ice	4.91 5.26 5.61	2.68 3.14 3.62	0.10 0.14 0.18
MT6407-77A w/ Mount Pipe	C	From Leg	4.00 0.000 0.000	0.000	147.00	No Ice 1/2" Ice 1" Ice	4.91 5.26 5.61	2.68 3.14 3.62	0.10 0.14 0.18
CBC78T-DS-43-2X	A	From Leg	4.00 0.000 3.000	0.000	147.00	No Ice 1/2" Ice 1" Ice	0.37 0.45 0.53	0.51 0.60 0.70	0.02 0.03 0.04
CBC78T-DS-43-2X	B	From Leg	4.00 0.000 3.000	0.000	147.00	No Ice 1/2" Ice 1" Ice	0.37 0.45 0.53	0.51 0.60 0.70	0.02 0.03 0.04
CBC78T-DS-43-2X	C	From Leg	4.00 0.000 3.000	0.000	147.00	No Ice 1/2" Ice 1" Ice	0.37 0.45 0.53	0.51 0.60 0.70	0.02 0.03 0.04
RFV01U-D1A	A	From Leg	4.00 0.000 0.000	0.000	147.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.25 1.39 1.54	0.08 0.10 0.12
RFV01U-D1A	B	From Leg	4.00 0.000 0.000	0.000	147.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.25 1.39 1.54	0.08 0.10 0.12
RFV01U-D1A	C	From Leg	4.00 0.000 0.000	0.000	147.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.25 1.39 1.54	0.08 0.10 0.12
RFV01U-D2A	A	From Leg	4.00 0.000 0.000	0.000	147.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.01 1.14 1.28	0.07 0.09 0.11
RFV01U-D2A	B	From Leg	4.00 0.000 0.000	0.000	147.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.01 1.14 1.28	0.07 0.09 0.11
RFV01U-D2A	C	From Leg	4.00 0.000 0.000	0.000	147.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.01 1.14 1.28	0.07 0.09 0.11
BSF0020F3V1	A	From Leg	4.00 0.000	0.000	147.00	No Ice 1/2"	0.96 1.09	0.29 0.36	0.02 0.02

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.000			Ice	1.22	0.45	0.03
						1" Ice			
BSF0020F3V1	B	From Leg	4.00	0.000	147.00	No Ice	0.96	0.29	0.02
			0.000			1/2"	1.09	0.36	0.02
			0.000			Ice	1.22	0.45	0.03
						1" Ice			
BSF0020F3V1	C	From Leg	4.00	0.000	147.00	No Ice	0.96	0.29	0.02
			0.000			1/2"	1.09	0.36	0.02
			0.000			Ice	1.22	0.45	0.03
						1" Ice			
RHSDC-6627-PF-48	B	From Leg	4.00	0.000	147.00	No Ice	4.06	3.10	0.03
			0.000			1/2"	4.32	3.34	0.07
			1.000			Ice	4.58	3.58	0.11
						1" Ice			
Platform Mount [LP 303-1_HR-1]	C	None		0.000	147.00	No Ice	17.09	17.09	1.50
						1/2"	21.47	21.47	1.88
						Ice	25.72	25.72	2.35
						1" Ice			
***									
(2) SBNH-1D6565C w/ Mount Pipe	A	From Leg	4.00	0.000	139.00	No Ice	5.56	4.47	0.08
			0.000			1/2"	6.07	4.97	0.17
			1.000			Ice	6.59	5.47	0.26
						1" Ice			
(2) SBNH-1D6565C w/ Mount Pipe	B	From Leg	4.00	0.000	139.00	No Ice	5.56	4.47	0.08
			0.000			1/2"	6.07	4.97	0.17
			1.000			Ice	6.59	5.47	0.26
						1" Ice			
7770.00 w/ Mount Pipe	A	From Leg	4.00	0.000	139.00	No Ice	3.39	2.32	0.06
			0.000			1/2"	3.75	2.66	0.10
			1.000			Ice	4.12	3.02	0.15
						1" Ice			
7770.00 w/ Mount Pipe	B	From Leg	4.00	0.000	139.00	No Ice	3.39	2.32	0.06
			0.000			1/2"	3.75	2.66	0.10
			1.000			Ice	4.12	3.02	0.15
						1" Ice			
7770.00 w/ Mount Pipe	C	From Leg	4.00	0.000	139.00	No Ice	3.39	2.32	0.06
			0.000			1/2"	3.75	2.66	0.10
			1.000			Ice	4.12	3.02	0.15
						1" Ice			
(2) AM-X-CD-16-65-00T-RET w/ Mount Pipe	C	From Leg	4.00	0.000	139.00	No Ice	4.63	3.27	0.07
			0.000			1/2"	5.06	3.69	0.13
			1.000			Ice	5.51	4.12	0.20
						1" Ice			
DTMABP7819VG12A	A	From Leg	4.00	0.000	139.00	No Ice	0.98	0.34	0.02
			0.000			1/2"	1.10	0.42	0.03
			-3.000			Ice	1.23	0.51	0.04
						1" Ice			
DTMABP7819VG12A	B	From Leg	4.00	0.000	139.00	No Ice	0.98	0.34	0.02
			0.000			1/2"	1.10	0.42	0.03
			-3.000			Ice	1.23	0.51	0.04
						1" Ice			
DTMABP7819VG12A	C	From Leg	4.00	0.000	139.00	No Ice	0.98	0.34	0.02
			0.000			1/2"	1.10	0.42	0.03
			-3.000			Ice	1.23	0.51	0.04
						1" Ice			
RRUS 11 B12	A	From Leg	4.00	0.000	139.00	No Ice	2.83	1.18	0.05
			0.000			1/2"	3.04	1.33	0.07
			0.000			Ice	3.26	1.48	0.10
						1" Ice			
RRUS 11 B12	B	From Leg	4.00	0.000	139.00	No Ice	2.83	1.18	0.05
			0.000			1/2"	3.04	1.33	0.07
			0.000			Ice	3.26	1.48	0.10
						1" Ice			
RRUS 11 B12	C	From Leg	4.00	0.000	139.00	No Ice	2.83	1.18	0.05
			0.000			1/2"	3.04	1.33	0.07

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.000			Ice	3.26	1.48	0.10
						1" Ice			
RRUS 12 B2	A	From Leg	4.00	0.000	139.00	No Ice	3.14	1.28	0.05
			0.000			1/2"	3.36	1.43	0.07
			0.000			Ice	3.59	1.60	0.10
						1" Ice			
RRUS 12 B2	B	From Leg	4.00	0.000	139.00	No Ice	3.14	1.28	0.05
			0.000			1/2"	3.36	1.43	0.07
			0.000			Ice	3.59	1.60	0.10
						1" Ice			
RRUS 12 B2	C	From Leg	4.00	0.000	139.00	No Ice	3.14	1.28	0.05
			0.000			1/2"	3.36	1.43	0.07
			0.000			Ice	3.59	1.60	0.10
						1" Ice			
TT19-08BP111-001	A	From Leg	4.00	0.000	139.00	No Ice	0.55	0.44	0.02
			0.000			1/2"	0.64	0.53	0.02
			0.000			Ice	0.74	0.63	0.03
						1" Ice			
TT19-08BP111-001	B	From Leg	4.00	0.000	139.00	No Ice	0.55	0.44	0.02
			0.000			1/2"	0.64	0.53	0.02
			0.000			Ice	0.74	0.63	0.03
						1" Ice			
TT19-08BP111-001	C	From Leg	4.00	0.000	139.00	No Ice	0.55	0.44	0.02
			0.000			1/2"	0.64	0.53	0.02
			0.000			Ice	0.74	0.63	0.03
						1" Ice			
DC6-48-60-18-8F	C	From Leg	4.00	0.000	139.00	No Ice	0.92	0.92	0.02
			0.000			1/2"	1.46	1.46	0.04
			0.000			Ice	1.64	1.64	0.06
						1" Ice			
Platform Mount [LP 1201-1_KCKR-HR-1]	C	None		0.000	139.00	No Ice	37.61	37.61	2.63
						1/2"	45.62	45.62	3.48
						Ice	53.59	53.59	4.46
						1" Ice			
***									
TA08025-B604	A	From Leg	4.00	0.000	125.00	No Ice	1.96	1.03	0.06
			0.000			1/2"	2.14	1.17	0.08
			4.000			Ice	2.32	1.31	0.10
						1" Ice			
TA08025-B604	B	From Leg	4.00	0.000	125.00	No Ice	1.96	1.03	0.06
			0.000			1/2"	2.14	1.17	0.08
			4.000			Ice	2.32	1.31	0.10
						1" Ice			
TA08025-B604	C	From Leg	4.00	0.000	125.00	No Ice	1.96	1.03	0.06
			0.000			1/2"	2.14	1.17	0.08
			4.000			Ice	2.32	1.31	0.10
						1" Ice			
TA08025-B605	A	From Leg	4.00	0.000	125.00	No Ice	2.23	1.19	0.07
			0.000			1/2"	2.41	1.33	0.09
			4.000			Ice	2.60	1.48	0.12
						1" Ice			
TA08025-B605	B	From Leg	4.00	0.000	125.00	No Ice	2.23	1.19	0.07
			0.000			1/2"	2.41	1.33	0.09
			4.000			Ice	2.60	1.48	0.12
						1" Ice			
TA08025-B605	C	From Leg	4.00	0.000	125.00	No Ice	2.23	1.19	0.07
			0.000			1/2"	2.41	1.33	0.09
			4.000			Ice	2.60	1.48	0.12
						1" Ice			
FFVV-65B-R2 w/ Mount Pipe	A	From Leg	4.00	0.000	125.00	No Ice	7.14	3.83	0.11
			0.000			1/2"	7.60	4.24	0.19
			2.000			Ice	8.06	4.66	0.29
						1" Ice			
FFVV-65B-R2 w/ Mount Pipe	B	From Leg	4.00	0.000	125.00	No Ice	7.14	3.83	0.11
			0.000			1/2"	7.60	4.24	0.19

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			2.000			Ice 1" Ice	8.06	4.66	0.29
FFVV-65B-R2 w/ Mount Pipe	C	From Leg	4.00 0.000 2.000	0.000	125.00	No Ice 1/2" Ice 1" Ice	7.14 7.60 8.06	3.83 4.24 4.66	0.11 0.19 0.29
RDIDC-9181-PF-48	C	From Leg	4.00 0.000 4.000	0.000	125.00	No Ice 1/2" Ice 1" Ice	1.87 2.04 2.21	1.07 1.20 1.35	0.02 0.04 0.06
(2) 8' x 2" Mount Pipe	A	From Leg	4.00 0.000 0.000	0.000	125.00	No Ice 1/2" Ice 1" Ice	1.90 2.73 3.40	1.90 2.73 3.40	0.03 0.04 0.06
(2) 8' x 2" Mount Pipe	B	From Leg	4.00 0.000 0.000	0.000	125.00	No Ice 1/2" Ice 1" Ice	1.90 2.73 3.40	1.90 2.73 3.40	0.03 0.04 0.06
(2) 8' x 2" Mount Pipe	C	From Leg	4.00 0.000 0.000	0.000	125.00	No Ice 1/2" Ice 1" Ice	1.90 2.73 3.40	1.90 2.73 3.40	0.03 0.04 0.06
Platform Mount [LP 716-1]	C	None		0.000	125.00	No Ice 1/2" Ice 1" Ice	26.80 32.20 37.60	26.80 32.20 37.60	1.51 1.81 2.11
***									

Load Combinations

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

Comb. No.	Description
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	150 - 110.75	Pole	Max Tension	20	0.00	-0.00	0.00
			Max. Compression	26	-24.68	-0.50	-0.45
			Max. Mx	8	-13.75	-335.02	-0.29
			Max. My	14	-13.76	-0.15	-334.03
			Max. Vy	8	14.38	-335.02	-0.29
			Max. Vx	14	14.33	-0.15	-334.03
			Max. Torque	3			-0.74
L2	110.75 - 74.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-31.46	-0.50	-0.63
			Max. Mx	8	-19.06	-887.81	-0.14
			Max. My	14	-19.06	0.03	-885.27
			Max. Vy	8	16.96	-887.81	-0.14
			Max. Vx	14	16.92	0.03	-885.27
			Max. Torque	17			0.61
L3	74.75 - 39.5	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-40.33	-0.50	-0.82
			Max. Mx	8	-26.39	-1517.70	0.02
			Max. My	14	-26.40	0.22	-1513.67
			Max. Vy	8	19.50	-1517.70	0.02
			Max. Vx	14	19.45	0.22	-1513.67
			Max. Torque	17			0.61
L4	39.5 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-55.10	-0.50	-1.10
			Max. Mx	8	-39.19	-2461.44	0.21
			Max. My	14	-39.19	0.47	-2455.51
			Max. Vy	8	22.27	-2461.44	0.21
			Max. Vx	14	22.23	0.47	-2455.51
			Max. Torque	17			0.61

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	30	55.10	-6.38	0.00
	Max. H_x	20	39.20	22.24	-0.01
	Max. H_z	3	29.40	-0.01	22.20
	Max. M_x	2	2454.90	-0.01	22.20
	Max. M_z	8	2461.44	-22.24	0.01
	Max. Torsion	17	0.61	11.13	-19.23
	Min. Vert	25	29.40	11.12	19.22
	Min. H_x	8	39.20	-22.24	0.01
	Min. H_z	15	29.40	0.01	-22.20
	Min. M_x	14	-2455.51	0.01	-22.20
	Min. M_z	20	-2461.31	22.24	-0.01
	Min. Torsion	5	-0.61	-11.13	19.23

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	32.67	0.00	0.00	0.24	-0.05	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	39.20	0.01	-22.20	-2454.90	-0.58	0.56
0.9 Dead+1.0 Wind 0 deg - No Ice	29.40	0.01	-22.20	-2422.56	-0.56	0.56
1.2 Dead+1.0 Wind 30 deg - No Ice	39.20	11.13	-19.23	-2126.22	-1231.22	0.61
0.9 Dead+1.0 Wind 30 deg - No Ice	29.40	11.13	-19.23	-2098.23	-1214.95	0.61
1.2 Dead+1.0 Wind 60 deg - No Ice	39.20	19.27	-11.11	-1227.74	-2131.97	0.49
0.9 Dead+1.0 Wind 60 deg - No Ice	29.40	19.27	-11.11	-1211.61	-2103.80	0.49
1.2 Dead+1.0 Wind 90 deg - No Ice	39.20	22.24	-0.01	-0.21	-2461.44	0.24
0.9 Dead+1.0 Wind 90 deg - No Ice	29.40	22.24	-0.01	-0.29	-2428.94	0.25
1.2 Dead+1.0 Wind 120 deg - No Ice	39.20	19.26	11.10	1227.46	-2131.45	-0.07
0.9 Dead+1.0 Wind 120 deg - No Ice	29.40	19.26	11.10	1211.17	-2103.28	-0.07
1.2 Dead+1.0 Wind 150 deg - No Ice	39.20	11.12	19.22	2126.32	-1230.32	-0.36
0.9 Dead+1.0 Wind 150 deg - No Ice	29.40	11.12	19.22	2098.17	-1214.05	-0.36
1.2 Dead+1.0 Wind 180 deg - No Ice	39.20	-0.01	22.20	2455.51	0.47	-0.56
0.9 Dead+1.0 Wind 180 deg - No Ice	29.40	-0.01	22.20	2423.01	0.48	-0.56
1.2 Dead+1.0 Wind 210 deg - No Ice	39.20	-11.13	19.23	2126.83	1231.11	-0.61
0.9 Dead+1.0 Wind 210 deg - No Ice	29.40	-11.13	19.23	2098.68	1214.86	-0.61
1.2 Dead+1.0 Wind 240 deg - No Ice	39.20	-19.27	11.11	1228.35	2131.85	-0.49
0.9 Dead+1.0 Wind 240 deg - No Ice	29.40	-19.27	11.11	1212.06	2103.71	-0.49
1.2 Dead+1.0 Wind 270 deg - No Ice	39.20	-22.24	0.01	0.83	2461.31	-0.24
0.9 Dead+1.0 Wind 270 deg - No Ice	29.40	-22.24	0.01	0.74	2428.85	-0.24
1.2 Dead+1.0 Wind 300 deg - No Ice	39.20	-19.26	-11.10	-1226.84	2131.32	0.07
0.9 Dead+1.0 Wind 300 deg - No Ice	29.40	-19.26	-11.10	-1210.72	2103.19	0.07
1.2 Dead+1.0 Wind 330 deg - No Ice	39.20	-11.12	-19.22	-2125.70	1230.20	0.37

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
0.9 Dead+1.0 Wind 330 deg - No Ice	29.40	-11.12	-19.22	-2097.71	1213.97	0.36
1.2 Dead+1.0 Ice+1.0 Temp	55.10	0.00	0.00	1.10	-0.50	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	55.10	0.00	-6.37	-687.55	-0.69	0.10
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	55.10	3.19	-5.52	-595.32	-345.68	0.12
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	55.10	5.52	-3.19	-343.26	-598.21	0.10
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	55.10	6.38	-0.00	1.11	-690.60	0.06
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	55.10	5.52	3.18	345.51	-598.10	0.00
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	55.10	3.19	5.52	597.66	-345.50	-0.06
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	55.10	-0.00	6.37	689.99	-0.47	-0.10
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	55.10	-3.19	5.52	597.77	344.52	-0.12
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	55.10	-5.52	3.19	345.70	597.04	-0.10
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	55.10	-6.38	0.00	1.33	689.43	-0.06
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	55.10	-5.52	-3.18	-343.07	596.93	-0.00
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	55.10	-3.19	-5.52	-595.21	344.33	0.06
Dead+Wind 0 deg - Service	32.67	0.00	-5.50	-603.35	-0.18	0.14
Dead+Wind 30 deg - Service	32.67	2.76	-4.76	-522.54	-302.73	0.15
Dead+Wind 60 deg - Service	32.67	4.77	-2.75	-301.66	-524.17	0.12
Dead+Wind 90 deg - Service	32.67	5.51	-0.00	0.13	-605.18	0.06
Dead+Wind 120 deg - Service	32.67	4.77	2.75	301.95	-524.04	-0.01
Dead+Wind 150 deg - Service	32.67	2.75	4.76	522.93	-302.51	-0.09
Dead+Wind 180 deg - Service	32.67	-0.00	5.50	603.86	0.08	-0.14
Dead+Wind 210 deg - Service	32.67	-2.76	4.76	523.05	302.62	-0.15
Dead+Wind 240 deg - Service	32.67	-4.77	2.75	302.17	524.07	-0.12
Dead+Wind 270 deg - Service	32.67	-5.51	0.00	0.38	605.08	-0.06
Dead+Wind 300 deg - Service	32.67	-4.77	-2.75	-301.43	523.94	0.01
Dead+Wind 330 deg - Service	32.67	-2.75	-4.76	-522.41	302.40	0.09

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
1	0.00	-32.67	0.00	0.00	32.67	0.00	0.000%
2	0.01	-39.20	-22.20	-0.01	39.20	22.20	0.000%
3	0.01	-29.40	-22.20	-0.01	29.40	22.20	0.000%
4	11.13	-39.20	-19.23	-11.13	39.20	19.23	0.000%
5	11.13	-29.40	-19.23	-11.13	29.40	19.23	0.000%
6	19.27	-39.20	-11.11	-19.27	39.20	11.11	0.000%
7	19.27	-29.40	-11.11	-19.27	29.40	11.11	0.000%
8	22.24	-39.20	-0.01	-22.24	39.20	0.01	0.000%
9	22.24	-29.40	-0.01	-22.24	29.40	0.01	0.000%
10	19.26	-39.20	11.10	-19.26	39.20	-11.10	0.000%
11	19.26	-29.40	11.10	-19.26	29.40	-11.10	0.000%
12	11.12	-39.20	19.22	-11.12	39.20	-19.22	0.000%
13	11.12	-29.40	19.22	-11.12	29.40	-19.22	0.000%

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
14	-0.01	-39.20	22.20	0.01	39.20	-22.20	0.000%
15	-0.01	-29.40	22.20	0.01	29.40	-22.20	0.000%
16	-11.13	-39.20	19.23	11.13	39.20	-19.23	0.000%
17	-11.13	-29.40	19.23	11.13	29.40	-19.23	0.000%
18	-19.27	-39.20	11.11	19.27	39.20	-11.11	0.000%
19	-19.27	-29.40	11.11	19.27	29.40	-11.11	0.000%
20	-22.24	-39.20	0.01	22.24	39.20	-0.01	0.000%
21	-22.24	-29.40	0.01	22.24	29.40	-0.01	0.000%
22	-19.26	-39.20	-11.10	19.26	39.20	11.10	0.000%
23	-19.26	-29.40	-11.10	19.26	29.40	11.10	0.000%
24	-11.12	-39.20	-19.22	11.12	39.20	19.22	0.000%
25	-11.12	-29.40	-19.22	11.12	29.40	19.22	0.000%
26	0.00	-55.10	0.00	0.00	55.10	0.00	0.000%
27	0.00	-55.10	-6.37	-0.00	55.10	6.37	0.000%
28	3.19	-55.10	-5.52	-3.19	55.10	5.52	0.000%
29	5.52	-55.10	-3.19	-5.52	55.10	3.19	0.000%
30	6.38	-55.10	-0.00	-6.38	55.10	0.00	0.000%
31	5.52	-55.10	3.18	-5.52	55.10	-3.18	0.000%
32	3.19	-55.10	5.51	-3.19	55.10	-5.52	0.000%
33	-0.00	-55.10	6.37	0.00	55.10	-6.37	0.000%
34	-3.19	-55.10	5.52	3.19	55.10	-5.52	0.000%
35	-5.52	-55.10	3.19	5.52	55.10	-3.19	0.000%
36	-6.38	-55.10	0.00	6.38	55.10	-0.00	0.000%
37	-5.52	-55.10	-3.18	5.52	55.10	3.18	0.000%
38	-3.19	-55.10	-5.51	3.19	55.10	5.52	0.000%
39	0.00	-32.67	-5.50	-0.00	32.67	5.50	0.000%
40	2.76	-32.67	-4.76	-2.76	32.67	4.76	0.000%
41	4.77	-32.67	-2.75	-4.77	32.67	2.75	0.000%
42	5.51	-32.67	-0.00	-5.51	32.67	0.00	0.000%
43	4.77	-32.67	2.75	-4.77	32.67	-2.75	0.000%
44	2.75	-32.67	4.76	-2.75	32.67	-4.76	0.000%
45	-0.00	-32.67	5.50	0.00	32.67	-5.50	0.000%
46	-2.76	-32.67	4.76	2.76	32.67	-4.76	0.000%
47	-4.77	-32.67	2.75	4.77	32.67	-2.75	0.000%
48	-5.51	-32.67	0.00	5.51	32.67	-0.00	0.000%
49	-4.77	-32.67	-2.75	4.77	32.67	2.75	0.000%
50	-2.75	-32.67	-4.76	2.75	32.67	4.76	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	5	0.00000001	0.00006609
3	Yes	4	0.00000001	0.00071675
4	Yes	6	0.00000001	0.00015107
5	Yes	6	0.00000001	0.00005091
6	Yes	6	0.00000001	0.00014712
7	Yes	6	0.00000001	0.00004942
8	Yes	4	0.00000001	0.00098849
9	Yes	4	0.00000001	0.00041723
10	Yes	6	0.00000001	0.00014863
11	Yes	6	0.00000001	0.00004998
12	Yes	6	0.00000001	0.00015019
13	Yes	6	0.00000001	0.00005057
14	Yes	5	0.00000001	0.00006456
15	Yes	4	0.00000001	0.00070221
16	Yes	6	0.00000001	0.00014665
17	Yes	6	0.00000001	0.00004925
18	Yes	6	0.00000001	0.00015082
19	Yes	6	0.00000001	0.00005079
20	Yes	4	0.00000001	0.00099897
21	Yes	4	0.00000001	0.00042791
22	Yes	6	0.00000001	0.00014909
23	Yes	6	0.00000001	0.00005016

24	Yes	6	0.00000001	0.00014731
25	Yes	6	0.00000001	0.00004952
26	Yes	4	0.00000001	0.00000001
27	Yes	5	0.00000001	0.00051366
28	Yes	5	0.00000001	0.00066563
29	Yes	5	0.00000001	0.00066269
30	Yes	5	0.00000001	0.00051697
31	Yes	5	0.00000001	0.00066773
32	Yes	5	0.00000001	0.00066812
33	Yes	5	0.00000001	0.00051627
34	Yes	5	0.00000001	0.00066283
35	Yes	5	0.00000001	0.00066665
36	Yes	5	0.00000001	0.00051492
37	Yes	5	0.00000001	0.00066114
38	Yes	5	0.00000001	0.00065988
39	Yes	4	0.00000001	0.00011052
40	Yes	4	0.00000001	0.00070702
41	Yes	4	0.00000001	0.00065330
42	Yes	4	0.00000001	0.00009653
43	Yes	4	0.00000001	0.00067453
44	Yes	4	0.00000001	0.00069500
45	Yes	4	0.00000001	0.00011103
46	Yes	4	0.00000001	0.00064950
47	Yes	4	0.00000001	0.00070325
48	Yes	4	0.00000001	0.00009660
49	Yes	4	0.00000001	0.00067797
50	Yes	4	0.00000001	0.00065756

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 110.75	22.349	42	1.280	0.002
L2	114.75 - 74.75	13.245	42	1.125	0.001
L3	79.5 - 39.5	6.180	42	0.751	0.000
L4	45 - 0	1.952	42	0.397	0.000

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
150.00	Lighting Rod 1/2" x 2'	42	22.349	1.280	0.002	44552
147.00	(2) LPA-80063/6CF w/ Mount Pipe	42	21.541	1.272	0.002	44552
139.00	(2) SBNH-1D6565C w/ Mount Pipe	42	19.397	1.248	0.002	20251
125.00	TA08025-B604	42	15.754	1.191	0.001	8910

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 110.75	91.030	8	5.219	0.008
L2	114.75 - 74.75	53.950	8	4.589	0.004
L3	79.5 - 39.5	25.169	8	3.060	0.002
L4	45 - 0	7.947	8	1.618	0.001

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
150.00	Lighting Rod 1/2" x 2'	8	91.030	5.219	0.008	11091
147.00	(2) LPA-80063/6CF w/ Mount Pipe	8	87.739	5.186	0.008	11091
139.00	(2) SBNH-1D6565C w/ Mount Pipe	8	79.009	5.090	0.006	5040
125.00	TA08025-B604	8	64.169	4.857	0.005	2215

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	150 - 110.75 (1)	TP31.38x24x0.219	39.25	0.00	0.0	21.114	-13.75	1235.14	0.011
L2	110.75 - 74.75 (2)	TP37.711x30.19x0.25	40.00	0.00	0.0	29.017	-19.06	1697.47	0.011
L3	74.75 - 39.5 (3)	TP43.839x36.318x0.313	40.00	0.00	0.0	42.147	-26.39	2465.61	0.011
L4	39.5 - 0 (4)	TP50.64x42.18x0.375	45.00	0.00	0.0	59.828	-39.19	3499.93	0.011

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	150 - 110.75 (1)	TP31.38x24x0.219	335.02	873.35	0.384	0.00	873.35	0.000
L2	110.75 - 74.75 (2)	TP37.711x30.19x0.25	887.82	1414.33	0.628	0.00	1414.33	0.000
L3	74.75 - 39.5 (3)	TP43.839x36.318x0.313	1517.70	2456.62	0.618	0.00	2456.62	0.000
L4	39.5 - 0 (4)	TP50.64x42.18x0.375	2461.44	4146.91	0.594	0.00	4146.91	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	150 - 110.75 (1)	TP31.38x24x0.219	14.38	370.54	0.039	0.25	986.78	0.000
L2	110.75 - 74.75 (2)	TP37.711x30.19x0.25	16.96	509.24	0.033	0.25	1630.82	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 $\frac{T_u}{\phi T_n}$
L3	74.75 - 39.5 (3)	TP43.839x36.318x0.313	19.50	739.68	0.026	0.25	2752.55	0.000
L4	39.5 - 0 (4)	TP50.64x42.18x0.375	22.27	1049.98	0.021	0.24	4621.97	0.000

Pole Interaction Design Data

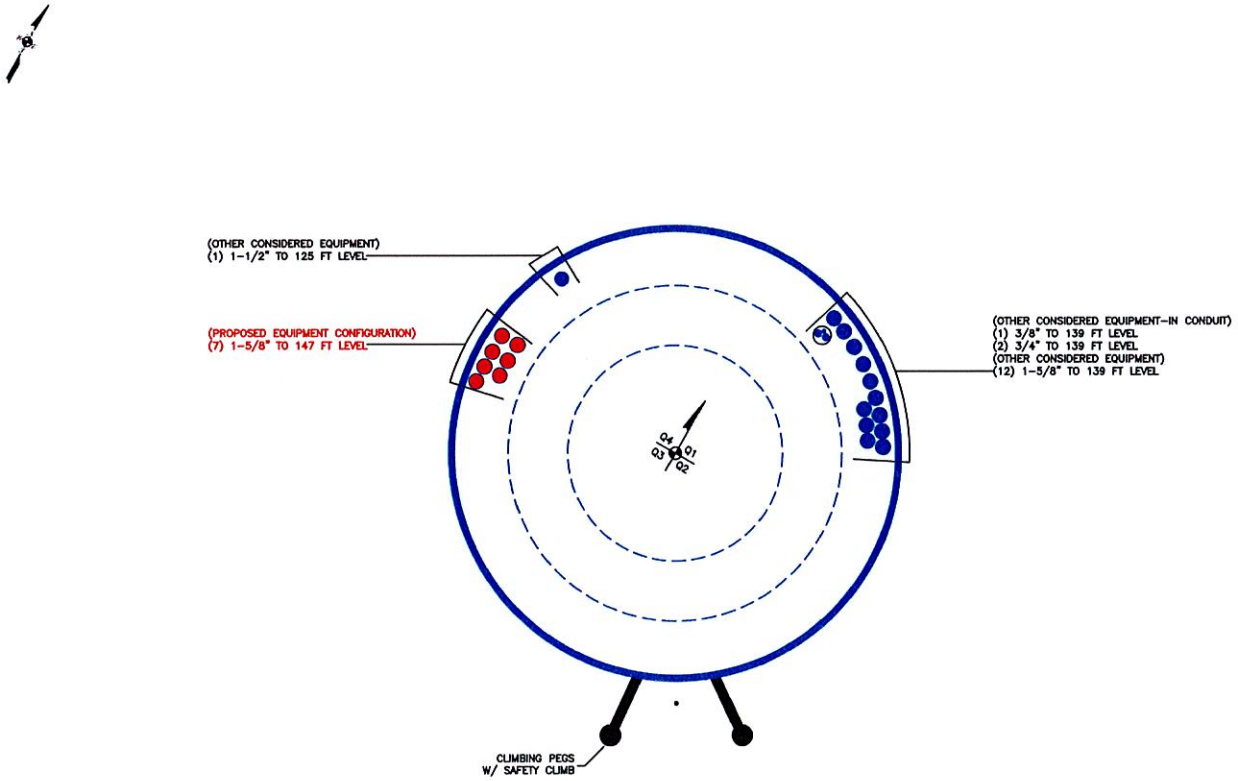
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	150 - 110.75 (1)	0.011	0.384	0.000	0.039	0.000	0.396	1.050	4.8.2
L2	110.75 - 74.75 (2)	0.011	0.628	0.000	0.033	0.000	0.640	1.050	4.8.2
L3	74.75 - 39.5 (3)	0.011	0.618	0.000	0.026	0.000	0.629	1.050	4.8.2
L4	39.5 - 0 (4)	0.011	0.594	0.000	0.021	0.000	0.605	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	150 - 110.75	Pole	TP31.38x24x0.219	1	-13.75	1296.90	37.7	Pass
L2	110.75 - 74.75	Pole	TP37.711x30.19x0.25	2	-19.06	1782.34	61.0	Pass
L3	74.75 - 39.5	Pole	TP43.839x36.318x0.313	3	-26.39	2588.89	59.9	Pass
L4	39.5 - 0	Pole	TP50.64x42.18x0.375	4	-39.19	3674.93	57.6	Pass
							Summary	
						Pole (L2)	61.0	Pass
						RATING =	**61.0**	**Pass**

APPENDIX B

BASE LEVEL DRAWING


(OTHER CONSIDERED EQUIPMENT)
(1) 1-1/2" TO 125 FT LEVEL
(PROPOSED EQUIPMENT CONFIGURATION)
(7) 1-5/8" TO 147 FT LEVEL
(OTHER CONSIDERED EQUIPMENT-IN CONDUIT)
(1) 3/8" TO 139 FT LEVEL
(2) 3/4" TO 139 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(12) 1-5/8" TO 139 FT LEVEL
Q4
Q1
Q3
Q2
CLIMBING PEGS
W/ SAFETY CLIMB

APPENDIX C

ADDITIONAL CALCULATIONS

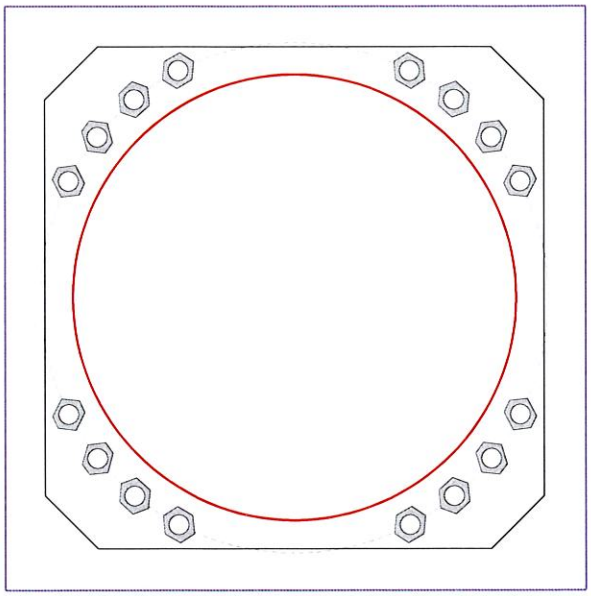
Monopole Base Plate Connection

Site Info	
BU #	873645
Site Name	Oxford
Order #	654608 Rev. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	0.75

Applied Loads	
Moment (kip-ft)	2461.44
Axial Force (kips)	39.19
Shear Force (kips)	22.27

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(16) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 58" BC

Anchor Spacing: 6 in

Base Plate Data

57" W x 2.75" Plate (A572-55; Fy=55 ksi, Fu=70 ksi); Clip: 6 in

Stiffener Data

N/A

Pole Data

50.64" x 0.375" 18-sided pole (A607-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

Pu_t = 124.79	ϕPn_t = 243.75	**Stress Rating**
Vu = 1.39	ϕVn = 149.1	**48.8%**
Mu = n/a	ϕMn = n/a	Pass

Base Plate Summary

Max Stress (ksi):	26.04	(Flexural)
Allowable Stress (ksi):	49.5	
Stress Rating:	**50.1%**	Pass

Pier and Pad Foundation

BU # :	873645
Site Name:	Oxford
App. Number:	654608 Rev. 0

TIA-222 Revision:	H
Tower Type:	Monopole

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

Superstructure Analysis Reactions		
Compression, P_{comp}:	39.2	kips
Base Shear, Vu_comp:	22.24	kips
Moment, M_u:	2461.44	ft-kips
Tower Height, **H**:	150	ft
BP Dist. Above Fdn, bp_{dist}:	3	in

Pier Properties		
Pier Shape:	Square	
Pier Diameter, **dpier**:	7	ft
Ext. Above Grade, **E**:	0.5	ft
Pier Rebar Size, **Sc**:	11	
Pier Rebar Quantity, **mc**:	28	
Pier Tie/Spiral Size, **St**:	4	
Pier Tie/Spiral Quantity, **mt**:	12	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier}:	3	in

Pad Properties		
Depth, **D**:	7	ft
Pad Width, W_1:	23.5	ft
Pad Thickness, **T**:	3	ft
Pad Rebar Size (Bottom dir. 2), Sp_2:	10	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	26	
Pad Clear Cover, cc_{pad}:	3	in

Material Properties		
Rebar Grade, **Fy**:	60	ksi
Concrete Compressive Strength, **F'c**:	3	ksi
Dry Concrete Density, δc:	150	pcf

Soil Properties		
Total Soil Unit Weight, γ:	125	pcf
Ultimate Net Bearing, Qnet:	12.000	ksf
Cohesion, **Cu**:		ksf
Friction Angle, φ:		degrees
SPT Blow Count, N_{blows}:		
Base Friction, μ:	0.5	
Neglected Depth, **N**:	3.50	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, **gw**:	15	ft

<--Toggle between Gross and Net

Foundation Analysis Checks	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	228.57	22.24	**9.3%**	**Pass**
Bearing Pressure (ksf)	9.66	2.08	**20.5%**	**Pass**
*Overturning (kip*ft)*	5437.72	2633.80	**48.4%**	**Pass**
*Pier Flexure (Comp.) (kip*ft)*	6720.70	2561.52	**36.3%**	**Pass**
Pier Compression (kip)	23390.64	78.89	**0.3%**	**Pass**
*Pad Flexure (kip*ft)*	4415.72	827.89	**17.9%**	**Pass**
Pad Shear - 1-way (kips)	720.43	136.49	**18.0%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.164	0.027	**15.5%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	5938.20	1536.91	**24.6%**	**Pass**

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

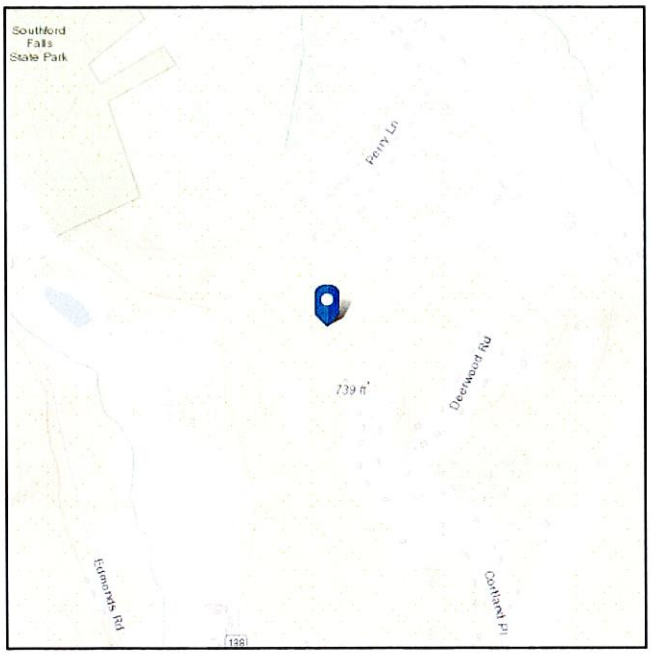
Structural Rating*:	**36.3%**
Soil Rating*:	**48.4%**

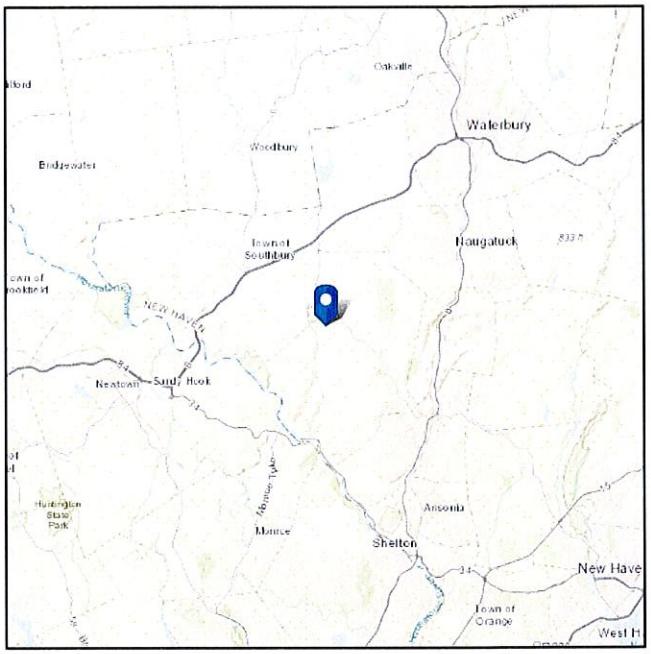
ASCE 7 Hazards Report

Address:
No Address at This Location

Standard: ASCE/SEI 7-16
Risk Category: II
Soil Class: D - Stiff Soil

Latitude: 41.447086
Longitude: -73.152311
Elevation: 669.4829459182042 ft (NAVD 88)





Wind

Results:

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

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed: Tue Jul 25 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.

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Seismic

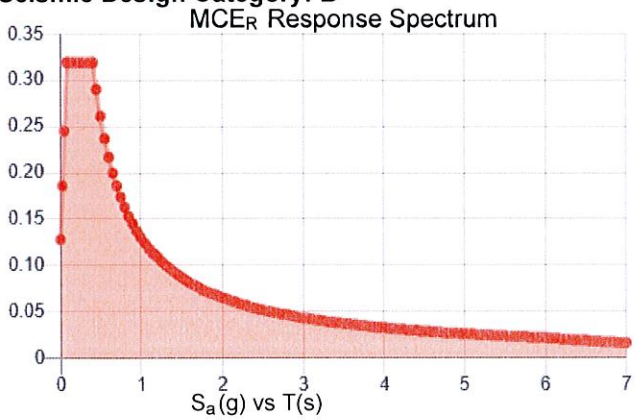
D - Stiff Soil

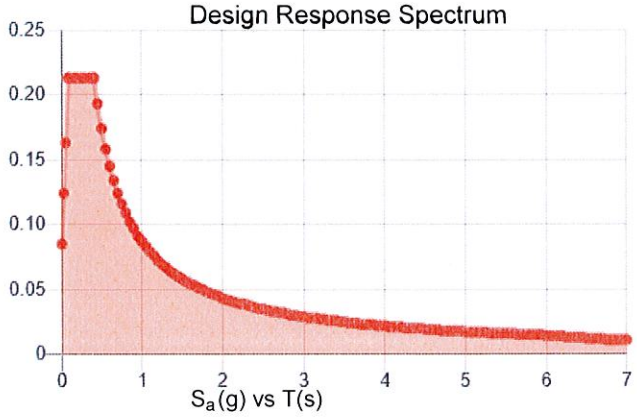
Site Soil Class:

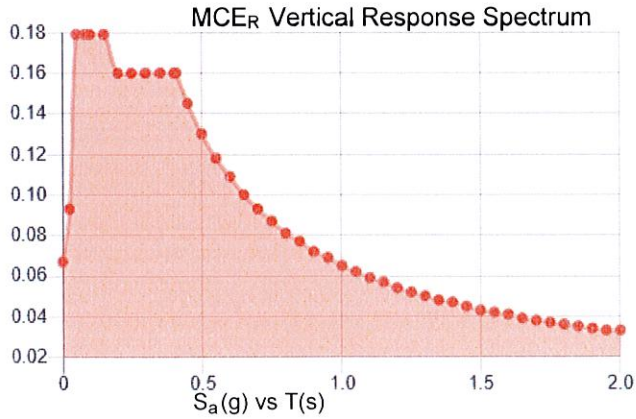
Results:

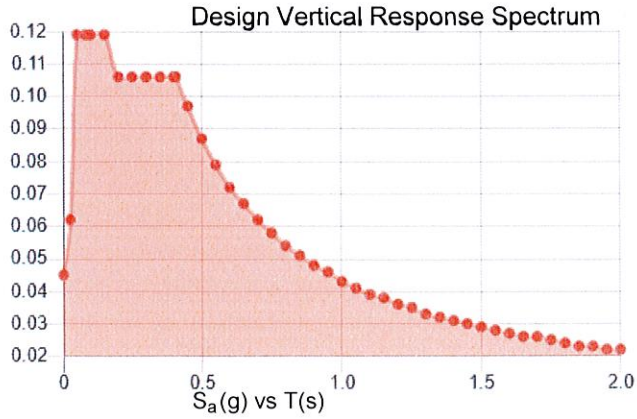
S_S :	0.199	S_{D1} :	0.087
S_1 :	0.054	T_L :	6
F_a :	1.6	PGA :	0.111
F_v :	2.4	PGA_M :	0.176
S_{MS} :	0.319	F_{PGA} :	1.577
S_{M1} :	0.13	I_e :	1
S_{DS} :	0.213	C_v :	0.7

Seismic Design Category: B









Data Accessed: **Tue Jul 25 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:	1.00 in.
Concurrent Temperature:	15 F
Gust Speed	50 mph
Data Source:	Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8
Date Accessed:	Tue Jul 25 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.