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Also admitted in Massachusetts
and New York

August 17, 2023

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

Re: **Notice of Exempt Modification – Facility Modification**
393 Jackson Hill Road, Middlefield, Connecticut

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") currently maintains a wireless telecommunications facility at the above-referenced address (the "Property"). Cellco's facility consists of antennas and remote radio heads attached to a tower. Equipment associated with the facility is located on the ground adjacent to the tower. The tower was approved by the Town of Middlefield ("Town") in February of 1999. Cellco's use of the tower was approved by the Siting Council ("Council") in August of 2007 (EM-VER-082-070627). A copy of the Town's tower approval and the Council's exempt modification approval are included in Attachment 1.

Cellco's proposed modification involves the installation of two (2) interference mitigation filters ("Filters") on its existing antenna platform and mounting assembly. The Filter specification sheet is included in Attachment 2.

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Middlefield's Chief Elected Official and Land Use Officer. The Town of Middlefield is the owner of the Property.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

1. The proposed modification will not result in an increase in the height of the existing tower. The Filters will be installed on Cellco's existing antenna platform and mounting assembly.

2. The proposed modifications will not involve any change to ground-mounted equipment and therefore, will not require the extension of the site boundary.

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

4. The installation of Cellco's new Filters will not result in a change to radio frequency (RF) emissions from the facility. Therefore, no new RF emissions information is included in this filing.

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

6. According to the attached Structural Analysis Report ("SA") and Antenna Mount Analysis Report ("MA"), the existing tower, foundation, antenna platform and mounting assembly can support Cellco's proposed modifications. A copy of the SA and MA are included in Attachment 3.

A copy of the parcel map and Property owner information is included in Attachment 4. A Certificate of Mailing verifying that this filing was sent to municipal officials and the property owner is included in Attachment 5.

For the foregoing reasons, Cellco respectfully submits that the proposed modifications to the above-referenced telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,

Kenneth C. Baldwin

Enclosures
Copy to:
Robert Yamartino, First Selectman
Robin Newton, Consulting Town Planner
Alex Tyurin, Verizon Wireless

ATTACHMENT 1

TOWN OF MIDDLEFIELD

PLANNING AND ZONING COMMISSION
MIDDLEFIELD, CONNECTICUT

February 17, 1999

David Bass, Esq.
Cuddy & Feder & Worby
90 Maple Ave.
White Plains, NY 10601

Re: Nextel Communications

Dear Mr. Bass:

This is to inform you that at its regular meeting on February 10, 1999 the Middlefield Planning and Zoning Commission voted to approve, with conditions, your application for a special permit to install wireless communication towers, antennas and facilities at 393 Jackson Hill Road. A legal notice to that effect will be published in the Middletown Press on February 18, 1999.

This approval was conditional upon the following:

1. provided that within 90 days of approval the applicant meets with the various town agencies, including its 911 service, to determine their communications needs as related to the tower and that the applicant uses its best efforts to reserve a location which will meet such needs.

If you have any questions or comments please free feel to contact me at 347-7214.

Very truly yours,

G. L. Colegrove

Geoffrey L. Colegrove
Middlefield Town Planner

GLC/jes

August 7, 2007

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597

RE: **EM-VER-082-070627** - Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 393 Jackson Hill Road, Middlefield, Connecticut.

Dear Attorney Baldwin:

At a public meeting held on July 26, 2007, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated June 27, 2007, including the placement of all necessary equipment and shelters within the tower compound. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

Very truly yours,

Daniel F. Caruso
Chairman

DFC/MP/laf

c: The Honorable Jon A. Brayshaw, First Selectman, Town of Middlefield
Geoffrey Colegrove, Town Planner, Town of Middlefield
Thomas J. Regan, Esq., Brown Rudnick Berlack Israels LLP
Michele G. Briggs, New Cingular Wireless PCS, LLC
Christopher B. Fisher, Esq., Cuddy & Feder LLP

ATTACHMENT 2

BSF0020F3V1-1

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

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

FEATURES

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

TECHNICAL SPECIFICATIONS

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

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

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

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

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

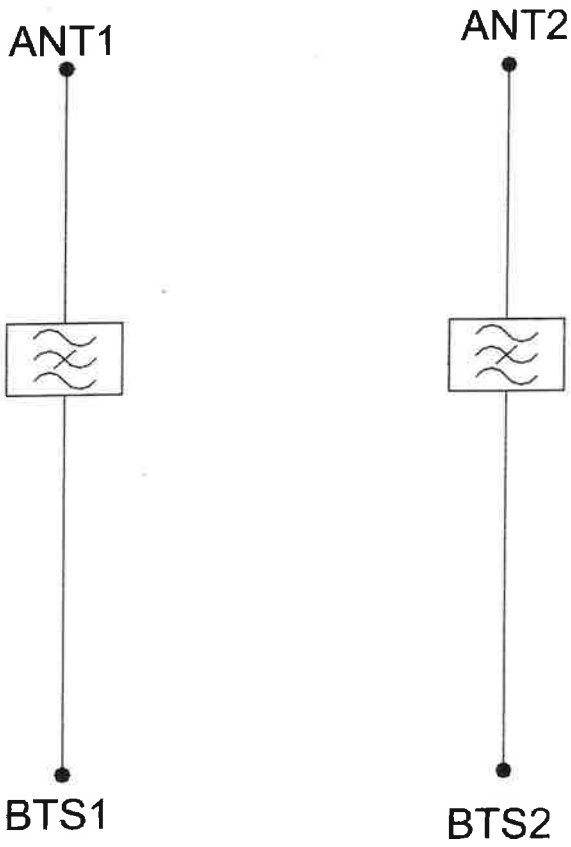
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ORDERING INFORMATION

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

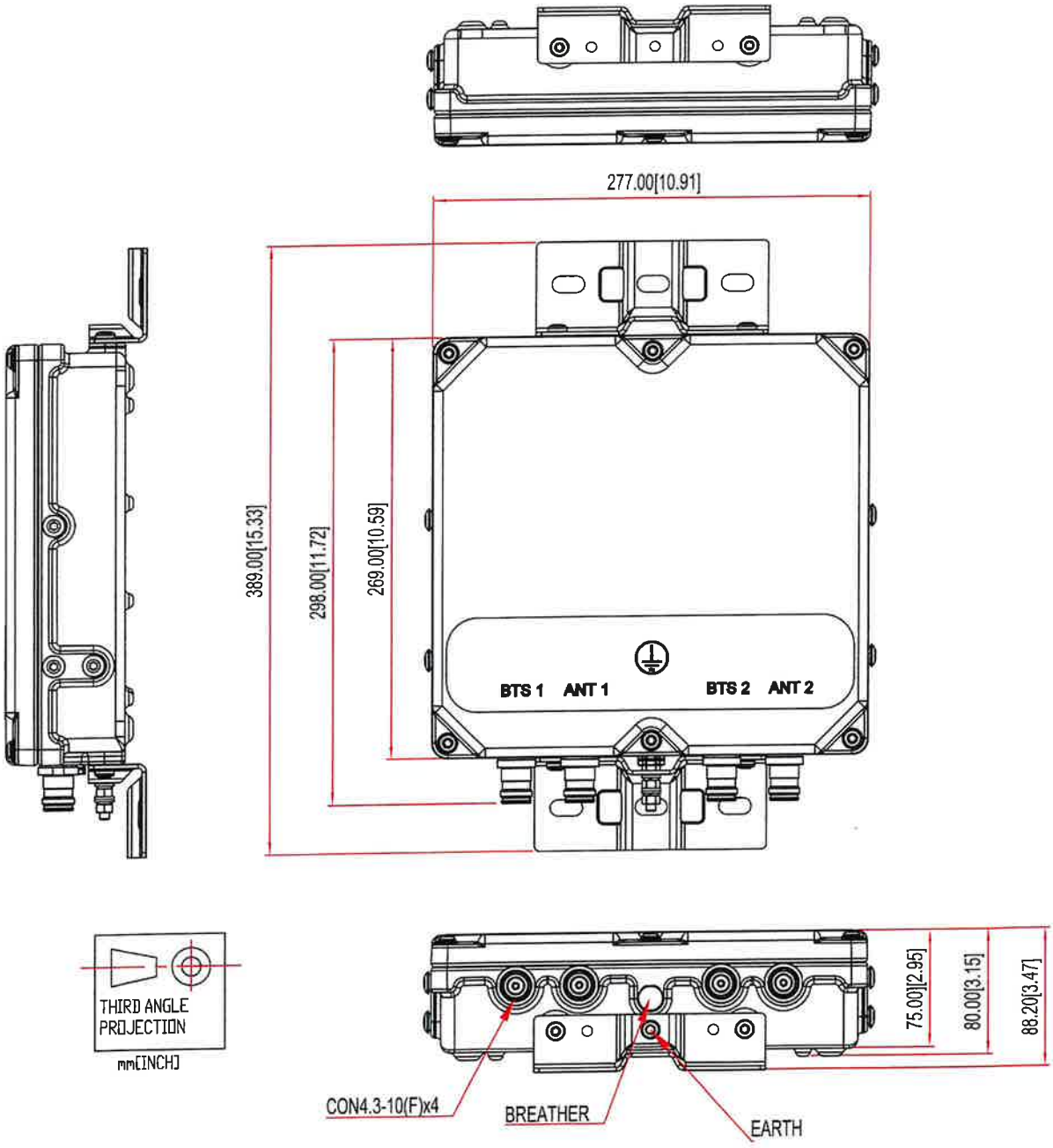
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ELECTRICAL BLOCK DIAGRAM



Contact Us: +1 303 768 6080 | +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

ATTACHMENT 3

SBA Communications Corporation
8051 Congress Avenue
Boca Raton, FL 33487-1307

T + 561 995 7670
F + 561 995 7626

sbasite.com

Structural Analysis Report

Client: Verizon

Client Site ID / Name: CTHA512A / Middlefield
Application #: 233254, v1

SBA Site ID / Name: CT46135-A / 5000247392 / MIDDLEFIELD SOUTH CT

146 ft Monopole

393 Jackson Hill Road
Middlefield, Connecticut 06455
Lat: 41.517360, Long: -72.714167

Project number: CT46135-VZW-072023

Analysis Results

Tower	94.4%	Pass
Foundation	98.0%	Pass

Change in tower stress due to mount modification / replacement	N/A

Prepared by:

Serge Berthomieux
Structural Engineer I
561-226-9365
SBerthomieux@sbasite.com

Reviewed by:

Anantha (Shan) Shanubhogue, P.E.
Senior Manager, Structural Engineering
561-981-7390
SShanubhogue@sbasite.com

July 25, 2023

07/25/23

Table of Contents

Introduction

The purpose of this report is to summarize the analysis results on the 146 ft Monopole to support the proposed antennas and transmissions lines in addition to those currently installed.

Table 1 List of Documents Used

Item	Document
Tower design/drawings	Engineered Endeavors Incorporated, Inc., Drawing No GS51482. Job No 5072, Dated 05-28-1999
Foundation drawings	Engineered Endeavors Incorporated, Inc., Drawing No 5072SPRD. Job No 5072, Dated 05-28-1999
Geotechnical report	Engineering Consultants, P.C., Project No W.O.1170.C942, Dated 05-20-1999
Modification drawings	N/A
Mount Analysis	Maser Consulting, Project No. 21777099A, Dated 4-30-2021
Latest SA	TES, Project # 111560, Dated 07-28-2021

Analysis Criteria

Table 2 Code Related Data

Jurisdiction (State/County/City)	Connecticut/Middlesex/Middlefield
Governing Codes	ANSI/TIA/EIA 222-H, 2021 IBC / 2022 CSBC
Ultimate Wind Speed (3-Sec gust)	119.0 mph
Wind Speed with Ice (3-Sec gust)	50 mph
Service Wind Speed (3-Sec gust)	60 mph
Ice Thickness	1.00”
Risk Category	II
Exposure Category	C
Topographic Category	1
Crest Height	0 ft
Ground Elevation	240.11 ft.
Seismic Parameter S_s	0.209
Seismic Parameter S_1	0.055

This structural analysis is based upon the tower being classified as a risk category II; however, if a different classification is required subsequent to the date hereof, the tower classification will be changed to meet such requirement and a new structural analysis will be run.

Appurtenance Loading

Existing Loading:

Table 3 Existing Appurtenances

Items	Elevation (ft)	Qty.	Antenna Descriptions	Mount Type & Qty.	Transmission Lines	Owner
1	146.0	9	CCI HPA-65R-BUU-H8 - Panel	Platform w/ Hand Rails	(6) 1 5/8" (2) 1/2" RET Line (4) 3" DC Power (1) 3" Fiber	AT&T
2		6	Powerwave LGP21401 TMA			
3		6	Powerwave LGP219003 Diplexer			
4		6	Powerwave 7020.00 RET			
5		3	Ericsson RRUS-11 RRU			
6		3	Ericsson RRUS-32 RRU			
7		3	Ericsson RRUS 32 B2 RRU			
8		2	Raycap DC-6-48-60-18-8F Surge			
9	140.0	6	Andrew JAHH-65B-R3B - Panel	Platform w/Handrails Modified (3) Commscope BSAMNT-SBS-2-2	(2) 1 5/8" Hybrid (10) 1 5/8"	Verizon
10		6	Antel LPA-80063/4CF - Panel			
11		3	Samsung MT6407-77A - Panel			
12		3	Commscope CBC78T-DS-43-2X Diplexers			
13		3	Samsung B2/B66A RRH-BR049 (RFV01U-D1A) RRU			
14		3	Samsung B5/B13 RRH-BR04C (RFV01U-D2A) RRU			
15		2	Raycap RC2DC-3315-PF-48 OVP			
17	124.0	1	dbSpectra DS4C06F36D-N - Whip	(1) Pipe Mount	(1) 1/2" (4) 7/8"	Town of Middlefield
18	109.0	1	Telewave ANT450F6 Omni - Whip	Low Pro Platform		
19		1	Celwave PD1142-66 - Whip			
20		1	Airmux 400/ODU/F49F/100M - Dish			
21	98.0	3	JMA Wireless MX08FRO665-21 - Panel	Platform w/HRK (Sitepro1 SNP8HR-3XX)	(1) 1.6" Hybrid	Dish Wireless
22		3	Fujitsu TA08025-B605 RRU			
23		3	Fujitsu TA08025-B604 RRU			
24		1	Raycap RDIDC-9181-PF-48 OVP			
25	88.0	3	RFS APXVAALL24-43-U-NA20 - Panel	Platform w/ Handrail (SitePro RMQP-4096-HK)	(3) 1 5/8" Fiber (6) 1 5/8"	T-Mobile
26		3	Ericsson Air 32 KRD901146-1_B66A_B2A - Panel			
27		3	Ericsson KRY 112 144/1 TMA			
28		3	Ericsson 4449 B71+B12 RRU			

Proposed Loading:

Information pertaining to proposed antennas and transmission lines were based upon the Application #: 233254, v1 from Verizon and is listed in Table 4.

Table 4 Proposed Appurtenances

Items	Elevation (ft)	Qty.	Antenna Descriptions	Mount Type & Qty.	Transmission Lines	Owner
9	140.0	6	Andrew JAHH-65B-R3B - Panel	Platform w/Handrails Modified (3) Commscope BSAMNT-SBS-2-2	(2) 1 5/8" Hybrid (10) 1 5/8"	Verizon
10		6	Antel LPA-80063/4CF - Panel			
11		3	Samsung MT6407-77A - Panel			
12		3	Commscope CBC78T-DS-43-2X Diplexers			
13		3	Samsung B2/B66A RRH-BR049 (RFV01U-D1A) RRU			
14		3	Samsung B5/B13 RRH-BR04C (RFV01U-D2A) RRU			
15		2	Raycap RC2DC-3315-PF-48 OVP			
16		2	Kaelus KA-6030 Filter			

Analysis Results

Tower

The results of the structural analysis are shown below in table 5. Additional information for the tower analysis is provided within the Appendix.

Table 5 Tower Analysis Summary

	Pole shafts	Anchor Bolts	Base Plate
Max. Usage:	94.4%	69.0%	91.0%
Pass/Fail	Pass	Pass	Pass

Foundation

The results of the foundation analysis are shown below in table 6. Additional information for the foundation analysis is provided within the Appendix.

Table 6 Foundation Analysis Summary

Structural Component	Max Usage (%)	Analysis Result
Foundation	98.0%	Pass

Conclusions

Based on the analysis results, the existing tower and foundation were found to be ***sufficient*** to safely support the equipment listed in this analysis. No modification to the tower and foundation is needed at this time.

Installation Requirements

This analysis was performed under the assumption that the carrier will place the proposed equipment and feed lines at the installation height listed in Table 4 and in accordance with the coax layout shown. TMAs and RRUs are to be installed on existing mounts behind tenant's antennas unless otherwise noted. No equipment is to be installed directly in the climbing path. All equipment is to be installed per mount manufacturer specifications. In case site conditions do not allow for the required installation parameters to be met the carrier must notify SBA Communications Corporation engineers for approval of an alternative placement.

Assumptions and Limitations

Assumptions

This analysis was completed based on the following assumptions:

- Tower and foundation were built in accordance to manufacturer specifications.
- Tower and foundation has been properly maintained in accordance with the manufacturer's specifications
- All existing structural members were assumed to be in good condition with no physical damage or deterioration associated with corrosion
- Welds and bolts are assumed able to carry their intended original design loads.
- The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Table 3 and 4.
- This analysis may be affected if any assumptions are not valid or have been made in error. SBA should be notified to determine the effect on the structural integrity of the tower.

Limitations

The computer generated analysis performed by the tower software is limited to theoretical capacities of the towers structural members and does not account for any missing or damaged members or connections. The tower and foundation are assumed to have been properly designed, fabricated, installed and maintained, barring any conflicting findings from the most recent inspection.

SBA Communications Corporation has used its due diligence to verify the information provided to perform this analysis. It is unreasonable to perform a more detailed inspection of a tower and its components. This report is not a condition assessment of the tower or foundation.

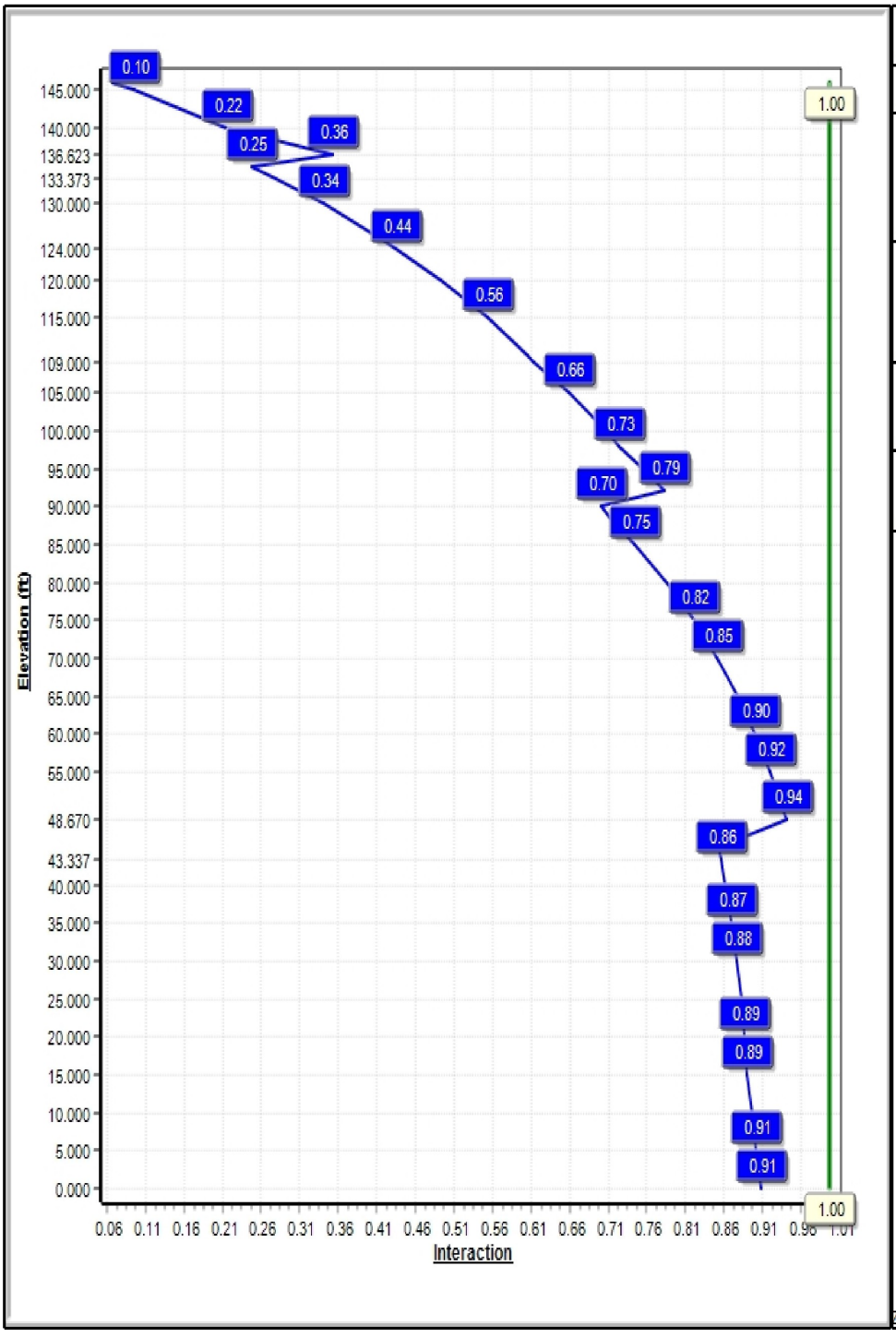
Appendix

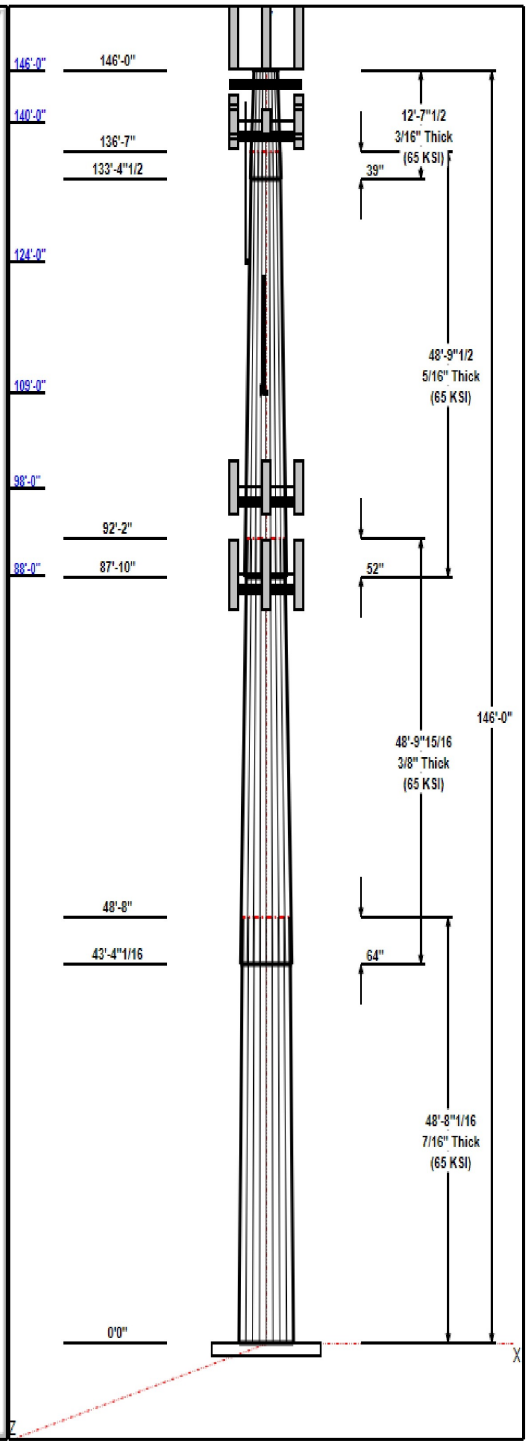
Usage Diagram - Max Ratio 94.41% at 48.7ft

Structure:	CT46135-A	**Code:**	EIA/TIA-222-H	7/25/2023
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C	
Height:	146.00 (ft)	**Gh:**	1.1	
Base Elev:	0.000 (ft)			Page: 1

Dead Load Factor:	1.20	**Iterations:**	27
Wind Load Factor:	1.00		

Load Case : 1.2D + 1.0W 119 mph Wind





Structure: CT46135-A

Type: Tapered
Site Name: Middlefield-jacskon Hill Rd
Height: 146.00 (ft)
Base Elev: 0.00 (ft)

Base Shape: 18 Sided
Taper: 0.19692

7/25/2023

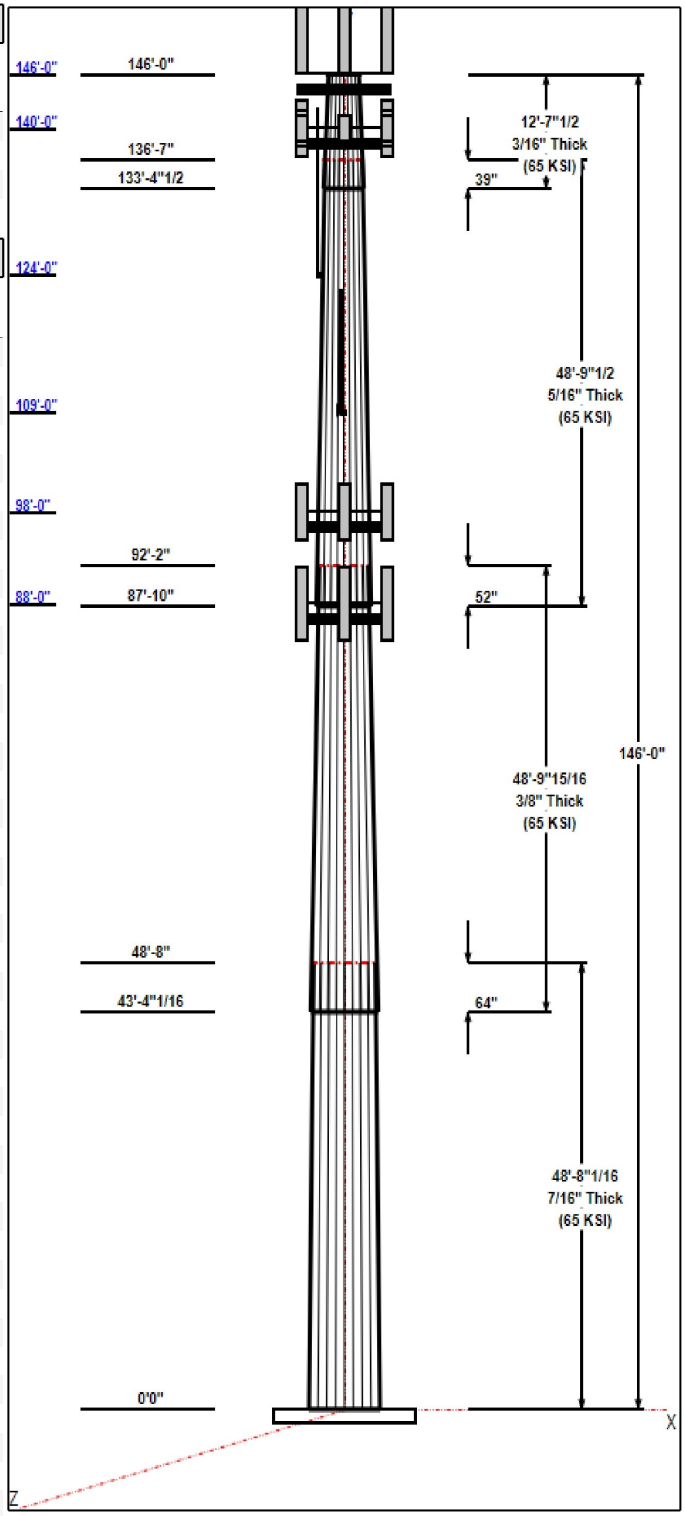
Shaft Properties

Seq	Length (ft)	Top (in)	Bottom (in)	Thick (in)	Joint Type	Taper	Grade (ksi)
1	48.67	36.42	46.00	0.438		0.19692	65
2	48.83	28.60	38.22	0.375	Slip	0.19692	65
3	48.79	20.47	30.08	0.313	Slip	0.19692	65
4	12.63	19.00	21.49	0.188	Slip	0.19692	65

Discrete Appurtenances

Attach Elev (ft)	Force Elev (ft)	Qty	Description	Carrier
146.00	150.00	9	CCI HPA-65R-BUU-H8	AT&T
146.00	150.00	6	Powerwave LGP21401	AT&T
146.00	150.00	6	Powerwave LGP219003	AT&T
146.00	150.00	6	Powerwave 7020.00 RET	AT&T
146.00	150.00	3	Ericsson RRUS-11 RRU	AT&T
146.00	150.00	3	Ericsson RRUS-32 RRU	AT&T
146.00	150.00	3	Ericsson RRUS 32 B2	AT&T
146.00	150.00	2	Raycap DC-6-48-60-18-8F	AT&T
146.00	146.00	1	Platform w/ Hand Rails	AT&T
146.00	146.00	1	Beacon	---
146.00	149.50	1	Lightning Rod	---
146.00	146.00	12	mount pipe	AT&T
140.00	140.00	12	mount pipe	Verizon
140.00	140.00	2	Kaelus KA-6030 Filter	Verizon
140.00	140.00	6	Andrew JAHH-65B-R3B	Verizon
140.00	140.00	6	Antel LPA-80063/4CF	Verizon
140.00	140.00	3	Samsung MT6407-77A	Verizon
140.00	140.00	3	Commscope	Verizon
140.00	140.00	3	Samsung B2/B66A	Verizon
140.00	140.00	3	Samsung B5/B13	Verizon
140.00	140.00	2	Raycap	Verizon
140.00	140.00	3	Commscope	Verizon
140.00	140.00	1	Low Profile Platform	Verizon
140.00	142.25	1	Support Rail Kit (SitePro1	Verizon
124.00	133.17	1	dbSpectra DS4C06F36D-N	Town of Middlefield CT
124.00	124.00	1	Pipe Mount	Town of Middlefield CT
109.00	109.00	1	Low Pro Platform	Town of Middlefield CT
109.00	109.00	12	mount pipe	Town of Middlefield CT
109.00	112.92	1	Telewave ANT450F6 Omni	Town of Middlefield CT
109.00	118.40	1	Celwave PD1142-66	Town of Middlefield CT
109.00	109.00	1	Airmux	Town of Middlefield CT
98.00	98.00	3	JMA Wireless	Dish Wireless
98.00	98.00	3	Fujitsu TA08025-B605	Dish Wireless
98.00	98.00	3	Fujitsu TA08025-B604	Dish Wireless
98.00	98.00	1	Raycap	Dish Wireless
98.00	98.00	1	Platform w/HRK (Sitepro1	Dish Wireless
98.00	98.00	9	mount pipe	Dish Wireless
88.00	88.00	3	RFS	T-Mobile
88.00	88.00	3	Ericsson Air 32	T-Mobile
88.00	88.00	3	Ericsson KRY 112 144/1	T-Mobile
88.00	88.00	3	Ericsson 4449 B71+B12	T-Mobile
88.00	88.00	12	mount pipe	T-Mobile
88.00	88.00	1	Platform w/ Handrail	T-Mobile

Linear Appurtenances



Elev From (ft)	Elev To (ft)	Placement	Description	Carrier
3.00	146.00	Inside	1 5/8" Coax	AT&T
3.00	146.00	Inside	1/2" RET Line	AT&T
3.00	146.00	Inside	3" DC Power	AT&T
3.00	146.00	Inside	3" Fiber	AT&T
3.00	146.00	Outside	Safety Cable	
3.00	146.00	Outside	Step bolts (ladder)	
3.00	140.00	Inside	1 5/8" Coax	Verizon
3.00	140.00	Inside	1 5/8" Hybrid	Verizon
3.00	109.00	Inside	1/2"	Town of Middlefield
3.00	109.00	Inside	7/8" Coax	Town of Middlefield
3.00	98.00	Inside	1.6" Hybrid	Dish Wireless
3.00	88.00	Inside	1 5/8" Coax	T-Mobile
3.00	88.00	Inside	1 5/8" Fiber	T-Mobile

Anchor Bolts

Qty	Specifications	Grade (ksi)	Arrangement
20	2.25" 18J	75.0	Radial

Base Plate

Thickness (in)	Specifications (in)	Grade (ksi)	Geometry
2.2500	61.0	60.0	Round

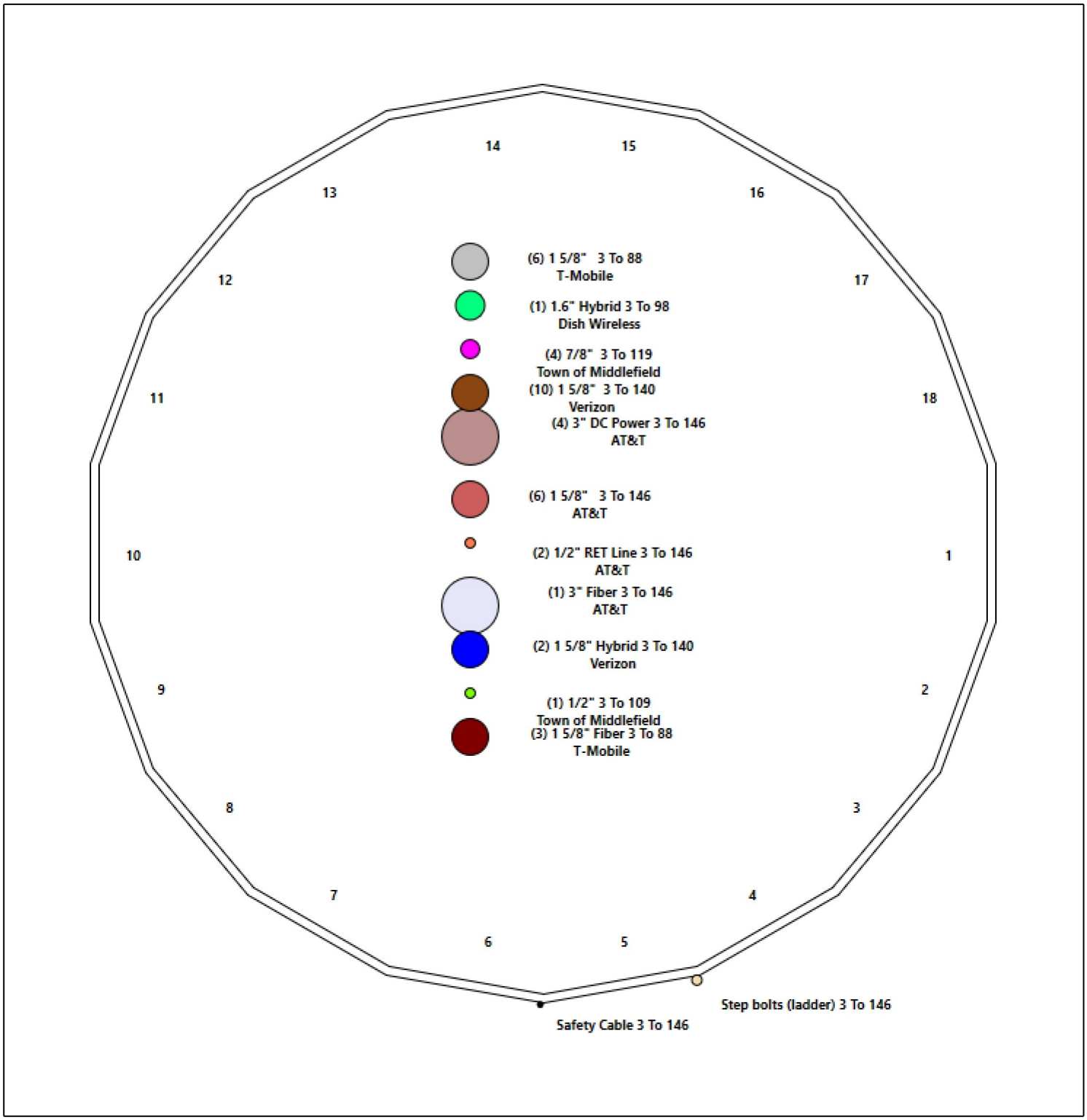
Reactions

Load Case	Moment (FT-Kips)	Shear (Kips)	Axial (Kips)
1.2D + 1.0W 119 mph Wind	3895.2	33.7	48.1
0.9D + 1.0W 119 mph Wind	3823.8	33.7	36.1
1.2D + 1.0Di + 1.0Wi 50 mph Wind	1027.7	9.7	40.9
1.2D + 1.0Ev + 1.0Eh	79.0	0.6	50.1
0.9D + 1.0Ev + 1.0Eh	77.7	0.6	37.9
1.0D + 1.0W 60 mph Wind	878.9	7.7	40.2

Structure: CT46135-A - Coax Line Placement

Type: Monopole
Site Name: Middlefield-jacskon Hill Rd
Height: 146.00 (ft)

7/25/2023



Shaft Properties

Structure:	CT46135-A		**Code:**	TIA-222-H	7/25/2023
Site Name:	Middlefield-jacskon Hill Rd		**Exposure:**	C	
Height:	146.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 5

Sec. No.	Shape	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Overlap (in)	Weight (lb)
1	18	48.670	0.4375	65		0.00	9,376
2	18	48.830	0.3750	65	Slip	64.00	6,533
3	18	48.790	0.3125	65	Slip	52.00	4,111
4	18	12.627	0.1875	65	Slip	39.00	513
					Total Shaft Weight:		**20,532**

	Bottom						Top						
Sec. No.	**Dia (in)**	**Elev (ft)**	**Area (sqin)**	**Ix (in^4)**	**W/t Ratio**	**D/t Ratio**	**Dia (in)**	**Elev (ft)**	**Area (sqin)**	**Ix (in^4)**	**W/t Ratio**	**D/t Ratio**	**Taper**
1	46.00	0.00	63.27	16593.77	17.13	105.14	36.42	48.67	49.96	8170.56	13.27	83.24	0.196918
2	38.22	43.34	45.04	8148.39	16.56	101.91	28.60	92.17	33.59	3381.52	12.04	76.27	0.196918
3	30.08	87.83	29.52	3305.07	15.56	96.25	20.47	136.62	19.99	1026.59	10.14	65.51	0.196918
4	21.49	133.3	12.68	726.47	18.80	114.59	19.00	146.00	11.20	500.59	16.46	101.3	0.196918

Load Summary

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 6	

Discrete Appurtenances

				No Ice			Ice				
No.	Elev (ft)	Description	Qty	Weight (lb)	CaAa (sf)	CaAa Factor	Weight (lb)	CaAa (sf)	CaAa Factor	Hor. Ecc. (ft)	Vert Ecc (ft)
1	146.00	CCI HPA-65R-BUU-H8	9	68.00	12.98	0.79	250.91	14.030	0.79	0.00	4.00
2	146.00	Powerwave LGP21401 TMA	6	19.00	1.08	0.67	38.46	1.370	0.67	0.00	4.00
3	146.00	Powerwave LGP219003 Diplexer	6	6.50	0.37	0.67	14.24	0.699	0.67	0.00	4.00
4	146.00	Powerwave 7020.00 RET	6	1.16	0.14	0.67	4.75	0.253	0.67	0.00	4.00
5	146.00	Ericsson RRUS-11 RRU	3	50.00	2.57	0.67	99.95	2.988	0.67	0.00	4.00
6	146.00	Ericsson RRUS-32 RRU	3	77.00	3.31	0.67	147.38	3.827	0.67	0.00	4.00
7	146.00	Ericsson RRUS 32 B2 RRU	3	53.00	2.74	0.67	106.93	3.212	0.67	0.00	4.00
8	146.00	Raycap DC-6-48-60-18-8F Surge	2	20.00	1.90	0.90	45.85	2.501	0.90	0.00	4.00
9	146.00	Platform w/ Hand Rails	1	1600.00	32.89	1.00	2996.12	51.972	1.00	0.00	0.00
10	146.00	Beacon	1	15.00	2.40	1.00	26.60	2.400	1.00	0.00	0.00
11	146.00	Lightning Rod	1	35.00	1.05	1.00	55.89	2.628	1.00	0.00	3.50
12	146.00	mount pipe	12	30.00	1.21	1.00	56.18	1.912	1.00	0.00	0.00
13	140.00	mount pipe	12	30.00	1.36	0.80	47.33	2.083	0.80	0.00	0.00
14	140.00	Kaelus KA-6030 Filter	2	17.60	0.96	0.90	48.34	1.293	0.90	0.00	0.00
15	140.00	Andrew JAHH-65B-R3B	6	64.37	9.10	0.83	207.81	9.966	0.83	0.00	0.00
16	140.00	Antel LPA-80063/4CF	6	20.00	6.14	0.94	149.36	6.816	0.94	0.00	0.00
17	140.00	Samsung MT6407-77A	3	79.40	4.69	0.70	152.87	5.292	0.70	0.00	0.00
18	140.00	Commscope CBC78T-DS-43-2X	3	5.95	0.53	0.50	17.95	0.737	0.50	0.00	0.00
19	140.00	Samsung B2/B66A RRH-BR049	3	97.00	1.88	0.67	143.64	2.238	0.67	0.00	0.00
20	140.00	Samsung B5/B13 RRH-BR04C	3	70.31	1.88	0.67	112.35	2.238	0.67	0.00	0.00
21	140.00	Raycap RC2DC-3315-PF-48 OVP	2	42.00	2.52	0.90	115.36	3.393	0.90	0.00	0.00
22	140.00	Commscope BSAMNT-SBS-2-2	3	67.40	0.09	0.50	98.55	0.132	0.50	0.00	0.00
23	140.00	Low Profile Platform	1	1250.00	14.69	1.00	1972.17	22.498	1.00	0.00	0.00
24	140.00	Support Rail Kit (SitePro1	1	261.72	6.75	1.00	467.36	11.118	1.00	0.00	2.25
25	124.00	dbSpectra DS4C06F36D-N	1	70.00	5.50	1.00	160.42	9.762	1.00	0.10	9.17
26	124.00	Pipe Mount	1	87.00	4.31	1.00	174.40	7.833	1.00	0.00	0.00
27	109.00	Low Pro Platform	1	1335.00	24.56	1.00	2658.90	44.377	1.00	0.00	0.00
28	109.00	mount pipe	12	30.00	1.02	1.00	59.75	1.843	1.00	0.00	0.00
29	109.00	Telewave ANT450F6 Omni	1	21.00	1.86	1.00	52.66	3.689	1.00	0.00	3.92
30	109.00	Celwave PD1142-66	1	16.00	1.57	1.00	106.10	3.727	1.00	0.00	9.40
31	109.00	Airmux 400/ODU/F49F/100M	1	7.00	1.83	1.00	39.61	2.186	1.00	0.00	0.00
32	98.00	JMA Wireless MX08FRO665-21	3	64.50	12.49	0.74	250.33	13.426	0.74	0.00	0.00
33	98.00	Fujitsu TA08025-B605 RRU	3	74.95	1.96	0.67	108.34	2.318	0.67	0.00	0.00
34	98.00	Fujitsu TA08025-B604 RRU	3	63.93	1.96	0.67	96.29	2.318	0.67	0.00	0.00
35	98.00	Raycap RDIDC-9181-PF-48 OVP	1	21.85	2.01	1.00	55.79	2.373	1.00	0.00	0.00
36	98.00	Platform w/HRK (Sitepro1	1	1472.00	17.63	1.00	2456.76	31.783	1.00	0.00	0.00
37	98.00	mount pipe	9	30.00	1.64	0.80	50.07	2.957	0.80	0.00	0.00
38	88.00	RFS APXVAALL24-43-U-NA20	3	122.80	20.24	0.72	368.84	21.428	0.72	0.00	0.00
39	88.00	Ericsson Air 32	3	132.20	6.51	0.86	372.52	7.866	0.87	0.00	0.00
40	88.00	Ericsson KRY 112 144/1 TMA	3	11.02	0.35	0.67	20.55	0.561	0.67	0.00	0.00
41	88.00	Ericsson 4449 B71+B12 RRU	3	74.00	1.20	0.67	112.59	1.950	0.67	0.00	0.00
42	88.00	mount pipe	12	30.00	1.51	0.80	49.85	2.216	0.80	0.00	0.00
43	88.00	Platform w/ Handrail (SitePro	1	1945.00	22.27	1.00	3232.26	32.686	1.00	0.00	0.00
		Totals:	**161**	**14,414.33**			**29,255.40**				

Linear Appurtenances

Discrete Appurtenances

No.	Elev (ft)	Description	Qty	No Ice Weight (lb)	No Ice CaAa (sf)	No Ice CaAa Factor	Ice Weight (lb)	Ice CaAa (sf)	Ice CaAa Factor	Hor. Ecc. (ft)	Vert Ecc (ft)
Bottom Elev. (ft)	**Top Elev. (ft)**	**Description**		**Exposed Width**		**Exposed**					
3.00	146.00	(6) 1 5/8" Coax		0.00		Inside					
3.00	146.00	(2) 1/2" RET Line		0.00		Inside					
3.00	146.00	(4) 3" DC Power		0.00		Inside					
3.00	146.00	(1) 3" Fiber		0.00		Inside					
3.00	146.00	(1) Safety Cable		0.38		Outside					
3.00	146.00	(1) Step bolts (ladder)		0.63		Outside					
3.00	140.00	(10) 1 5/8" Coax		0.00		Inside					
3.00	140.00	(2) 1 5/8" Hybrid		0.00		Inside					
3.00	109.00	(1) 1/2"		0.00		Inside					
3.00	109.00	(4) 7/8" Coax		0.00		Inside					
3.00	98.00	(1) 1.6" Hybrid		0.00		Inside					
3.00	88.00	(6) 1 5/8" Coax		0.00		Inside					
3.00	88.00	(3) 1 5/8" Fiber		0.00		Inside					

Shaft Section Properties

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 8	

Increment Length: **5 (ft)**

Elev (ft)	Description	Thick (in)	Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fpy (ksi)	S (in^3)	Weight (lb)
0.00		0.4375	46.000	63.267	16593.8	17.13	105.14	81.3	710.5	0.0
5.00		0.4375	45.015	61.900	15541.1	16.73	102.89	81.7	680.0	1064.8
10.00		0.4375	44.031	60.533	14533.9	16.34	100.64	82.2	650.1	1041.5
15.00		0.4375	43.046	59.165	13571.2	15.94	98.39	82.5	621.0	1018.3
20.00		0.4375	42.062	57.798	12652.0	15.54	96.14	82.5	592.5	995.0
25.00		0.4375	41.077	56.431	11775.2	15.14	93.89	82.5	564.6	971.7
30.00		0.4375	40.092	55.064	10939.9	14.75	91.64	82.5	537.4	948.5
35.00		0.4375	39.108	53.697	10145.1	14.35	89.39	82.5	510.9	925.2
40.00		0.4375	38.123	52.330	9389.8	13.95	87.14	82.5	485.1	902.0
43.34	Bot - Section 2	0.4375	37.466	51.417	8907.2	13.69	85.64	82.5	468.3	589.0
45.00		0.4375	37.139	50.962	8672.9	13.56	84.89	82.5	460.0	543.5
48.67	Top - Section 1	0.3750	37.166	43.789	7488.6	16.07	99.11	0.0	0.0	1182.4
50.00		0.3750	36.904	43.477	7329.8	15.94	98.41	82.5	391.2	197.5
55.00		0.3750	35.920	42.305	6753.0	15.48	95.79	82.5	370.3	729.7
60.00		0.3750	34.935	41.133	6207.2	15.02	93.16	82.5	350.0	709.8
65.00		0.3750	33.950	39.962	5691.6	14.55	90.53	82.5	330.2	689.9
70.00		0.3750	32.966	38.790	5205.5	14.09	87.91	82.5	311.0	669.9
75.00		0.3750	31.981	37.618	4747.8	13.63	85.28	82.5	292.4	650.0
80.00		0.3750	30.997	36.446	4317.8	13.16	82.66	82.5	274.4	630.1
85.00		0.3750	30.012	35.274	3914.5	12.70	80.03	82.5	256.9	610.1
87.83	Bot - Section 3	0.3750	29.454	34.610	3697.6	12.44	78.54	82.5	247.3	336.9
88.00		0.3750	29.421	34.571	3685.1	12.42	78.46	82.5	246.7	36.4
90.00		0.3750	29.027	34.102	3537.2	12.24	77.41	82.5	240.0	433.1
92.17	Top - Section 2	0.3125	29.226	28.677	3028.9	15.08	93.52	0.0	0.0	462.5
95.00		0.3125	28.668	28.124	2856.9	14.77	91.74	82.5	196.3	273.8
98.00		0.3125	28.077	27.538	2682.0	14.43	89.85	82.5	188.1	284.1
100.00		0.3125	27.683	27.147	2569.5	14.21	88.59	82.5	182.8	186.1
105.00		0.3125	26.699	26.171	2302.1	13.65	85.44	82.5	169.8	453.6
109.00		0.3125	25.911	25.390	2102.0	13.21	82.92	82.5	159.8	350.9
110.00		0.3125	25.714	25.194	2053.9	13.10	82.28	82.5	157.3	86.1
115.00		0.3125	24.729	24.218	1824.2	12.54	79.13	82.5	145.3	420.3
120.00		0.3125	23.745	23.241	1612.3	11.99	75.98	82.5	133.7	403.7
124.00		0.3125	22.957	22.460	1455.1	11.54	73.46	82.5	124.8	311.0
125.00		0.3125	22.760	22.265	1417.5	11.43	72.83	82.5	122.7	76.1
130.00		0.3125	21.776	21.288	1239.0	10.88	69.68	82.5	112.1	370.5
133.37	Bot - Section 4	0.3125	21.111	20.629	1127.5	10.50	67.56	82.5	105.2	240.6
135.00		0.3125	20.791	20.311	1076.2	10.32	66.53	82.5	102.0	182.9
136.62	Top - Section 3	0.1875	20.846	12.294	662.9	18.19	111.18	0.0	0.0	179.8
140.00		0.1875	20.182	11.899	601.0	17.57	107.63	80.7	58.7	139.0
145.00		0.1875	19.197	11.313	516.5	16.64	102.38	81.8	53.0	197.5
146.00		0.1875	19.000	11.195	500.6	16.46	101.33	82.0	51.9	38.3
										20532.0

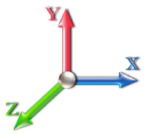
Wind Loading - Shaft

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 9	

Load Case: 1.2D + 1.0W 119 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 27

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	29.020	31.92	425.20	0.630	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	29.020	31.92	416.10	0.630	0.000	5.00	19.254	12.13	387.2	0.0	1277.7
10.00		1.00	0.85	29.020	31.92	407.00	0.630	0.000	5.00	18.837	11.87	378.8	0.0	1249.8
15.00		1.00	0.85	29.020	31.92	397.90	0.630	0.000	5.00	18.421	11.61	370.5	0.0	1221.9
20.00		1.00	0.90	30.792	33.87	400.49	0.630	0.000	5.00	18.004	11.34	384.2	0.0	1194.0
25.00		1.00	0.95	32.273	35.50	400.41	0.630	0.000	5.00	17.588	11.08	393.4	0.0	1166.1
30.00		1.00	0.98	33.536	36.89	398.38	0.630	0.000	5.00	17.171	10.82	399.1	0.0	1138.2
35.00		1.00	1.01	34.642	38.11	394.96	0.630	0.000	5.00	16.755	10.56	402.2	0.0	1110.3
40.00		1.00	1.04	35.629	39.19	390.46	0.630	0.000	5.00	16.338	10.29	403.4	0.0	1082.4
43.34	Bot - Section 2	1.00	1.06	36.236	39.86	386.98	0.630	0.000	3.34	10.671	6.72	268.0	0.0	706.8
45.00		1.00	1.07	36.524	40.18	385.12	0.630	0.000	1.66	5.356	3.37	135.6	0.0	652.3
48.67	Top - Section 1	1.00	1.09	37.132	40.84	380.76	0.630	0.000	3.67	11.654	7.34	299.9	0.0	1418.9
50.00		1.00	1.09	37.343	41.08	386.96	0.630	0.000	1.33	4.168	2.63	107.9	0.0	237.0
55.00		1.00	1.12	38.100	41.91	380.43	0.630	0.000	5.00	15.406	9.71	406.8	0.0	875.7
60.00		1.00	1.14	38.804	42.68	373.41	0.630	0.000	5.00	14.989	9.44	403.1	0.0	851.8
65.00		1.00	1.16	39.464	43.41	365.96	0.630	0.000	5.00	14.572	9.18	398.5	0.0	827.8
70.00		1.00	1.17	40.084	44.09	358.13	0.630	0.000	5.00	14.156	8.92	393.2	0.0	803.9
75.00		1.00	1.19	40.671	44.74	349.96	0.630	0.000	5.00	13.739	8.66	387.2	0.0	780.0
80.00		1.00	1.21	41.227	45.35	341.50	0.630	0.000	5.00	13.323	8.39	380.6	0.0	756.1
85.00		1.00	1.22	41.757	45.93	332.77	0.630	0.000	5.00	12.906	8.13	373.5	0.0	732.1
87.83	Bot - Section 3	1.00	1.23	42.046	46.25	327.71	0.630	0.000	2.83	7.129	4.49	207.7	0.0	404.3
88.00	Appurtenance(s)	1.00	1.23	42.063	46.27	327.41	0.630	0.000	0.17	0.424	0.27	12.4	0.0	43.6
90.00		1.00	1.24	42.262	46.49	323.79	0.630	0.000	2.00	5.052	3.18	148.0	0.0	519.7
92.17	Top - Section 2	1.00	1.24	42.474	46.72	319.84	0.630	0.000	2.17	5.397	3.40	158.9	0.0	555.1
95.00		1.00	1.25	42.746	47.02	321.61	0.630	0.000	2.83	6.940	4.37	205.6	0.0	328.6
98.00	Appurtenance(s)	1.00	1.26	43.027	47.33	316.01	0.630	0.000	3.00	7.203	4.54	214.8	0.0	340.9
100.00		1.00	1.27	43.210	47.53	312.24	0.630	0.000	2.00	4.718	2.97	141.3	0.0	223.3
105.00		1.00	1.28	43.656	48.02	302.69	0.630	0.000	5.00	11.504	7.25	348.0	0.0	544.3
109.00	Appurtenance(s)	1.00	1.29	44.001	48.40	294.92	0.630	0.000	4.00	8.904	5.61	271.5	0.0	421.1
110.00		1.00	1.29	44.086	48.49	292.96	0.630	0.000	1.00	2.184	1.38	66.7	0.0	103.3
115.00		1.00	1.30	44.500	48.95	283.06	0.630	0.000	5.00	10.671	6.72	329.1	0.0	504.4
120.00		1.00	1.32	44.901	49.39	273.01	0.630	0.000	5.00	10.255	6.46	319.1	0.0	484.5
124.00	Appurtenance(s)	1.00	1.32	45.212	49.73	264.87	0.630	0.000	4.00	7.904	4.98	247.6	0.0	373.2
125.00		1.00	1.33	45.289	49.82	262.82	0.630	0.000	1.00	1.934	1.22	60.7	0.0	91.3
130.00		1.00	1.34	45.664	50.23	252.49	0.630	0.000	5.00	9.421	5.94	298.1	0.0	444.6
133.37	Bot - Section 4	1.00	1.34	45.911	50.50	245.45	0.630	0.000	3.37	6.121	3.86	194.7	0.0	288.7
135.00		1.00	1.35	46.028	50.63	242.03	0.630	0.000	1.63	2.935	1.85	93.6	0.0	219.5
136.62	Top - Section 3	1.00	1.35	46.144	50.76	238.61	0.630	0.000	1.62	2.886	1.82	92.3	0.0	215.7
140.00	Appurtenance(s)	1.00	1.36	46.382	51.02	235.84	0.630	0.000	3.38	5.861	3.69	188.4	0.0	166.8
145.00		1.00	1.37	46.726	51.40	225.16	0.630	0.000	5.00	8.330	5.25	269.7	0.0	236.9
146.00	Appurtenance(s)	1.00	1.37	46.794	51.47	223.01	0.630	0.000	1.00	1.616	1.02	52.4	0.0	46.0
								Totals:	**146.00**			**10,593.7**		**24,638.3**

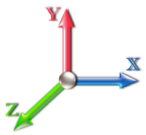
Discrete Appurtenance Forces

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 10	

Load Case: 1.2D + 1.0W 119 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 27

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	146.00	Ericsson RRUS-32 RRU	3	47.061	51.767	0.54	0.80	5.32	277.20	0.000	4.000	275.53	0.00	1102.11
2	146.00	CCI HPA-65R-BUU-H8	9	47.061	51.767	0.71	0.90	83.06	734.40	0.000	4.000	4299.69	0.00	17198.76
3	146.00	Powerwave LGP21401	6	47.061	51.767	0.54	0.80	3.47	136.80	0.000	4.000	179.80	0.00	719.20
4	146.00	Powerwave LGP219003	6	47.061	51.767	0.54	0.80	1.19	46.80	0.000	4.000	61.60	0.00	246.39
5	146.00	Powerwave 7020.00 RET	6	47.061	51.767	0.54	0.80	0.45	8.35	0.000	4.000	23.31	0.00	93.23
6	146.00	Ericsson RRUS-11 RRU	3	47.061	51.767	0.54	0.80	4.13	180.00	0.000	4.000	213.93	0.00	855.72
7	146.00	mount pipe	12	46.794	51.473	1.00	1.00	14.52	432.00	0.000	0.000	747.39	0.00	0.00
8	146.00	Raycap DC-6-48-60-18-8F	2	47.061	51.767	0.72	0.80	2.74	48.00	0.000	4.000	141.63	0.00	566.53
9	146.00	Platform w/ Hand Rails	1	46.794	51.473	1.00	1.00	32.89	1920.00	0.000	0.000	1692.95	0.00	0.00
10	146.00	Beacon	1	46.794	51.473	1.00	1.00	2.40	18.00	0.000	0.000	123.54	0.00	0.00
11	146.00	Lightning Rod	1	47.028	51.730	1.00	1.00	1.05	42.00	0.000	3.500	54.32	0.00	190.11
12	146.00	Ericsson RRUS 32 B2	3	47.061	51.767	0.54	0.80	4.41	190.80	0.000	4.000	228.08	0.00	912.32
13	140.00	Samsung B2/B66A	3	46.382	51.020	0.50	0.75	2.83	349.20	0.000	0.000	144.60	0.00	0.00
14	140.00	Antel LPA-80063/4CF	6	46.382	51.020	0.70	0.75	25.97	144.00	0.000	0.000	1325.11	0.00	0.00
15	140.00	Samsung MT6407-77A	3	46.382	51.020	0.52	0.75	7.39	285.84	0.000	0.000	376.87	0.00	0.00
16	140.00	Commscope	3	46.382	51.020	0.38	0.75	0.60	21.42	0.000	0.000	30.42	0.00	0.00
17	140.00	Low Profile Platform	1	46.382	51.020	1.00	1.00	14.69	1500.00	0.000	0.000	749.49	0.00	0.00
18	140.00	Samsung B5/B13	3	46.382	51.020	0.50	0.75	2.83	253.12	0.000	0.000	144.60	0.00	0.00
19	140.00	Raycap	2	46.382	51.020	0.68	0.75	3.40	100.80	0.000	0.000	173.57	0.00	0.00
20	140.00	Commscope	3	46.382	51.020	0.38	0.75	0.10	242.64	0.000	0.000	5.17	0.00	0.00
21	140.00	Support Rail Kit (SitePro1	1	46.538	51.192	1.00	1.00	6.75	314.06	0.000	2.250	345.54	0.00	777.47
22	140.00	Andrew JAHH-65B-R3B	6	46.382	51.020	0.62	0.75	33.99	463.46	0.000	0.000	1734.10	0.00	0.00
23	140.00	Kaelus KA-6030 Filter	2	46.382	51.020	0.68	0.75	1.30	42.24	0.000	0.000	66.12	0.00	0.00
24	140.00	mount pipe	12	46.382	51.020	0.60	0.75	9.79	432.00	0.000	0.000	499.59	0.00	0.00
25	124.00	Pipe Mount	1	45.212	49.733	1.00	1.00	4.31	104.40	0.000	0.000	214.35	0.00	0.00
26	124.00	dbSpectra	1	45.896	50.486	1.00	1.00	5.50	84.00	1.071	9.170	277.67	297.47	2546.25
27	109.00	Airmux	1	44.001	48.401	1.00	1.00	1.83	8.40	0.000	0.000	88.57	0.00	0.00
28	109.00	Celwave PD1142-66	1	44.774	49.252	1.00	1.00	1.57	19.20	0.000	9.400	77.33	0.00	726.86
29	109.00	Telewave ANT450F6	1	44.330	48.762	1.00	1.00	1.86	25.20	0.000	3.917	90.70	0.00	355.23
30	109.00	mount pipe	12	44.001	48.401	0.80	0.80	9.79	432.00	0.000	0.000	473.95	0.00	0.00
31	109.00	Low Pro Platform	1	44.001	48.401	1.00	1.00	24.56	1602.00	0.000	0.000	1188.74	0.00	0.00
32	98.00	Fujitsu TA08025-B605	3	43.027	47.329	0.50	0.75	2.95	269.82	0.000	0.000	139.84	0.00	0.00
33	98.00	Fujitsu TA08025-B604	3	43.027	47.329	0.50	0.75	2.95	230.15	0.000	0.000	139.84	0.00	0.00
34	98.00	JMA Wireless	3	43.027	47.329	0.55	0.75	20.80	232.20	0.000	0.000	984.26	0.00	0.00
35	98.00	Platform w/HRK (Sitepro1	1	43.027	47.329	1.00	1.00	17.63	1766.40	0.000	0.000	834.42	0.00	0.00
36	98.00	Raycap	1	43.027	47.329	0.75	0.75	1.51	26.22	0.000	0.000	71.35	0.00	0.00
37	98.00	mount pipe	9	43.027	47.329	0.60	0.75	8.86	324.00	0.000	0.000	419.15	0.00	0.00
38	88.00	Platform w/ Handrail	1	42.063	46.269	1.00	1.00	22.27	2334.00	0.000	0.000	1030.41	0.00	0.00
39	88.00	mount pipe	12	42.063	46.269	0.60	0.75	10.87	432.00	0.000	0.000	503.04	0.00	0.00
40	88.00	Ericsson 4449 B71+B12	3	42.063	46.269	0.50	0.75	1.81	266.40	0.000	0.000	83.70	0.00	0.00
41	88.00	Ericsson KRY 112 144/1	3	42.063	46.269	0.50	0.75	0.53	39.67	0.000	0.000	24.41	0.00	0.00
42	88.00	Ericsson Air 32	3	42.063	46.269	0.65	0.75	12.60	475.92	0.000	0.000	582.84	0.00	0.00
43	88.00	RFS	3	42.063	46.269	0.54	0.75	32.79	442.08	0.000	0.000	1517.11	0.00	0.00
							Totals:		**17,297.20**			**22,378.61**		

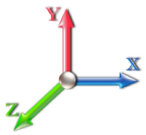
Total Applied Force Summary

Structure:	CT46135-A		**Code:**	TIA-222-H	7/25/2023
Site Name:	Middlefield-jackson Hill Rd		**Exposure:**	C	
Height:	146.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 11

Load Case: 1.2D + 1.0W 119 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 27

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		393.67	1378.48	0.00	0.00
10.00		394.96	1501.67	0.00	0.00
15.00		386.58	1473.76	0.00	0.00
20.00		401.29	1445.84	0.00	0.00
25.00		411.28	1417.93	0.00	0.00
30.00		417.69	1390.02	0.00	0.00
35.00		421.47	1362.10	0.00	0.00
40.00		423.20	1334.19	0.00	0.00
43.34		281.40	874.82	0.00	0.00
45.00		142.31	736.03	0.00	0.00
48.67		315.03	1603.70	0.00	0.00
50.00		113.38	303.95	0.00	0.00
55.00		427.92	1127.53	0.00	0.00
60.00		424.63	1103.61	0.00	0.00
65.00		420.46	1079.68	0.00	0.00
70.00		415.50	1055.76	0.00	0.00
75.00		409.83	1031.83	0.00	0.00
80.00		403.54	1007.91	0.00	0.00
85.00		396.67	983.98	0.00	0.00
87.83		220.95	546.97	0.00	0.00
88.00	(25) attachments	3754.65	4042.09	0.00	0.00
90.00		157.34	597.94	0.00	0.00
92.17		169.10	639.84	0.00	0.00
95.00		219.04	439.46	0.00	0.00
98.00	(20) attachments	2817.96	3307.12	0.00	0.00
100.00		150.89	299.17	0.00	0.00
105.00		372.30	733.97	0.00	0.00
109.00	(16) attachments	2210.33	2659.62	0.00	1082.09
110.00		71.63	138.52	0.00	0.00
115.00		353.81	680.65	0.00	0.00
120.00		344.03	660.71	0.00	0.00
124.00	(2) attachments	759.75	702.62	297.47	2546.25
125.00		65.74	126.56	0.00	0.00
130.00		323.51	620.84	0.00	0.00
133.37		211.95	407.60	0.00	0.00
135.00		101.95	276.86	0.00	0.00
136.62		100.60	272.93	0.00	0.00
140.00	(45) attachments	5800.98	4434.59	0.00	777.47
145.00		295.70	337.58	0.00	0.00
146.00	(53) attachments	8099.36	4100.43	0.00	21884.38
	Totals:	**33,602.39**	**48,238.87**	**297.47**	**26,290.19**

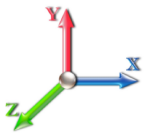
Linear Appurtenance Segment Forces (Factored)

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 12	

Load Case: 1.2D + 1.0W 119 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 27

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	29.020	2.43	0.66
5.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	29.020	4.02	2.50
10.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	29.020	6.07	1.64
10.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	29.020	10.06	6.24
15.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	29.020	6.07	1.64
15.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	29.020	10.06	6.24
20.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	30.792	6.44	1.64
20.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	30.792	10.67	6.24
25.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	32.273	6.75	1.64
25.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	32.273	11.18	6.24
30.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	33.536	7.01	1.64
30.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	33.536	11.62	6.24
35.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	34.642	7.24	1.64
35.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	34.642	12.00	6.24
40.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	35.629	7.45	1.64
40.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	35.629	12.35	6.24
43.34	Safety Cable	Yes	3.34	1.200	0.38	0.11	0.13	0.000	0.000	36.236	5.05	1.09
43.34	Step bolts (ladder)	Yes	3.34	1.200	0.63	0.18	0.21	0.000	0.000	36.236	8.38	4.16
45.00	Safety Cable	Yes	1.66	1.200	0.38	0.05	0.06	0.000	0.000	36.524	2.54	0.54
45.00	Step bolts (ladder)	Yes	1.66	1.200	0.63	0.09	0.10	0.000	0.000	36.524	4.21	2.08
48.67	Safety Cable	Yes	3.67	1.200	0.38	0.12	0.14	0.000	0.000	37.132	5.70	1.20
48.67	Step bolts (ladder)	Yes	3.67	1.200	0.63	0.19	0.23	0.000	0.000	37.132	9.44	4.58
50.00	Safety Cable	Yes	1.33	1.200	0.38	0.04	0.05	0.000	0.000	37.343	2.08	0.44
50.00	Step bolts (ladder)	Yes	1.33	1.200	0.63	0.07	0.08	0.000	0.000	37.343	3.44	1.66
55.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	38.100	7.96	1.64
55.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	38.100	13.20	6.24
60.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	38.804	8.11	1.64
60.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	38.804	13.45	6.24
65.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	39.464	8.25	1.64
65.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	39.464	13.67	6.24
70.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	40.084	8.38	1.64
70.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	40.084	13.89	6.24
75.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	40.671	8.50	1.64
75.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	40.671	14.09	6.24
80.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	41.227	8.62	1.64
80.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	41.227	14.29	6.24
85.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	41.757	8.73	1.64
85.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	41.757	14.47	6.24
87.83	Safety Cable	Yes	2.83	1.200	0.38	0.09	0.11	0.000	0.000	42.046	4.98	0.93
87.83	Step bolts (ladder)	Yes	2.83	1.200	0.63	0.15	0.18	0.000	0.000	42.046	8.26	3.54
88.00	Safety Cable	Yes	0.17	1.200	0.38	0.01	0.01	0.000	0.000	42.063	0.29	0.05
88.00	Step bolts (ladder)	Yes	0.17	1.200	0.63	0.01	0.01	0.000	0.000	42.063	0.49	0.21
90.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	42.262	3.53	0.66
90.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	42.262	5.86	2.50
92.17	Safety Cable	Yes	2.17	1.200	0.38	0.07	0.08	0.000	0.000	42.474	3.85	0.71
92.17	Step bolts (ladder)	Yes	2.17	1.200	0.63	0.11	0.14	0.000	0.000	42.474	6.38	2.70
95.00	Safety Cable	Yes	2.83	1.200	0.38	0.09	0.11	0.000	0.000	42.746	5.06	0.93

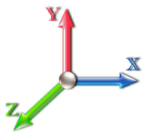
Linear Appurtenance Segment Forces (Factored)

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 13	

Load Case: 1.2D + 1.0W 119 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 27

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
95.00	Step bolts (ladder)	Yes	2.83	1.200	0.63	0.15	0.18	0.000	0.000	42.746	8.39	3.54
98.00	Safety Cable	Yes	3.00	1.200	0.38	0.10	0.11	0.000	0.000	43.027	5.40	0.98
98.00	Step bolts (ladder)	Yes	3.00	1.200	0.63	0.16	0.19	0.000	0.000	43.027	8.95	3.74
100.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	43.210	3.61	0.66
100.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	43.210	5.99	2.50
105.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	43.656	9.12	1.64
105.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	43.656	15.13	6.24
109.00	Safety Cable	Yes	4.00	1.200	0.38	0.13	0.15	0.000	0.000	44.001	7.36	1.31
109.00	Step bolts (ladder)	Yes	4.00	1.200	0.63	0.21	0.25	0.000	0.000	44.001	12.20	4.99
110.00	Safety Cable	Yes	1.00	1.200	0.38	0.03	0.04	0.000	0.000	44.086	1.84	0.33
110.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.05	0.06	0.000	0.000	44.086	3.06	1.25
115.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	44.500	9.30	1.64
115.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	44.500	15.42	6.24
120.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	44.901	9.38	1.64
120.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	44.901	15.56	6.24
124.00	Safety Cable	Yes	4.00	1.200	0.38	0.13	0.15	0.000	0.000	45.212	7.56	1.31
124.00	Step bolts (ladder)	Yes	4.00	1.200	0.63	0.21	0.25	0.000	0.000	45.212	12.53	4.99
125.00	Safety Cable	Yes	1.00	1.200	0.38	0.03	0.04	0.000	0.000	45.289	1.89	0.33
125.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.05	0.06	0.000	0.000	45.289	3.14	1.25
130.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	45.664	9.54	1.64
130.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	45.664	15.82	6.24
133.37	Safety Cable	Yes	3.37	1.200	0.38	0.11	0.13	0.000	0.000	45.911	6.47	1.11
133.37	Step bolts (ladder)	Yes	3.37	1.200	0.63	0.18	0.21	0.000	0.000	45.911	10.73	4.21
135.00	Safety Cable	Yes	1.63	1.200	0.38	0.05	0.06	0.000	0.000	46.028	3.13	0.53
135.00	Step bolts (ladder)	Yes	1.63	1.200	0.63	0.09	0.10	0.000	0.000	46.028	5.19	2.03
136.62	Safety Cable	Yes	1.62	1.200	0.38	0.05	0.06	0.000	0.000	46.144	3.13	0.53
136.62	Step bolts (ladder)	Yes	1.62	1.200	0.63	0.09	0.10	0.000	0.000	46.144	5.19	2.03
140.00	Safety Cable	Yes	3.38	1.200	0.38	0.11	0.13	0.000	0.000	46.382	6.55	1.11
140.00	Step bolts (ladder)	Yes	3.38	1.200	0.63	0.18	0.21	0.000	0.000	46.382	10.85	4.21
145.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	46.726	9.77	1.64
145.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	46.726	16.19	6.24
146.00	Safety Cable	Yes	1.00	1.200	0.38	0.03	0.04	0.000	0.000	46.794	1.96	0.33
146.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.05	0.06	0.000	0.000	46.794	3.24	1.25
									Totals:		**630.1**	**225.3**

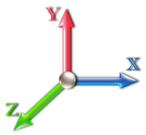
Calculated Forces

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jackson Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 14	

Load Case: 1.2D + 1.0W 119 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 27

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-48.14	-33.74	-0.28	-3895.1	-0.01	3895.18	4626.62	1110.33	4197.36	4329.86	0.00	0.000	0.000	0.911
5.00	-46.57	-33.61	-0.28	-3726.4	-0.01	3726.48	4552.64	1086.34	4017.91	4167.68	0.17	-0.327	0.000	0.905
10.00	-44.88	-33.47	-0.28	-3558.4	-0.01	3558.41	4477.51	1062.35	3842.39	4007.50	0.69	-0.660	0.000	0.899
15.00	-43.21	-33.32	-0.28	-3391.0	-0.01	3391.07	4395.69	1038.35	3670.78	3844.53	1.57	-1.000	0.000	0.893
20.00	-41.57	-33.15	-0.28	-3224.4	-0.01	3224.47	4294.12	1014.36	3503.09	3668.02	2.80	-1.347	0.000	0.890
25.00	-39.96	-32.95	-0.28	-3058.7	-0.01	3058.74	4192.55	990.37	3339.33	3495.66	4.40	-1.700	0.000	0.886
30.00	-38.38	-32.73	-0.28	-2894.0	-0.01	2894.02	4090.97	966.37	3179.48	3327.46	6.37	-2.060	0.000	0.880
35.00	-36.82	-32.49	-0.28	-2730.3	-0.01	2730.39	3989.40	942.38	3023.55	3163.39	8.72	-2.425	0.000	0.874
40.00	-35.34	-32.20	-0.28	-2567.9	-0.02	2567.95	3887.82	918.38	2871.55	3003.48	11.46	-2.797	0.000	0.865
43.34	-34.37	-31.99	-0.28	-2460.5	-0.02	2460.52	3820.04	902.37	2772.29	2899.07	13.51	-3.051	0.000	0.859
45.00	-33.53	-31.93	-0.28	-2407.3	-0.02	2407.32	3786.25	894.39	2723.46	2847.71	14.59	-3.180	0.000	0.855
48.67	-31.84	-31.63	-0.28	-2290.1	-0.02	2290.15	3251.53	768.50	2345.84	2455.72	17.15	-3.463	0.000	0.944
50.00	-31.40	-31.64	-0.28	-2248.0	-0.02	2248.09	3230.14	763.02	2312.56	2422.02	18.13	-3.568	0.000	0.940
55.00	-30.07	-31.36	-0.29	-2089.8	-0.02	2089.89	3143.08	742.46	2189.57	2292.57	22.09	-3.989	0.000	0.923
60.00	-28.77	-31.07	-0.29	-1933.0	-0.02	1933.08	3056.01	721.89	2069.95	2166.68	26.49	-4.413	0.000	0.903
65.00	-27.50	-30.77	-0.29	-1777.7	-0.02	1777.73	2968.95	701.33	1953.69	2044.34	31.33	-4.838	-0.001	0.881
70.00	-26.26	-30.46	-0.29	-1623.8	-0.02	1623.88	2881.88	680.76	1840.78	1925.55	36.62	-5.263	-0.001	0.854
75.00	-25.05	-30.14	-0.29	-1471.5	-0.02	1471.59	2794.82	660.19	1731.24	1810.32	42.35	-5.686	-0.001	0.824
80.00	-23.88	-29.81	-0.29	-1320.9	-0.02	1320.90	2707.76	639.63	1625.06	1698.65	48.52	-6.104	-0.001	0.789
85.00	-22.78	-29.43	-0.29	-1171.8	-0.02	1171.88	2620.69	619.06	1522.24	1590.53	55.12	-6.515	-0.001	0.748
87.83	-22.20	-29.20	-0.29	-1088.4	-0.02	1088.49	2571.36	607.41	1465.46	1530.84	59.05	-6.748	-0.001	0.722
88.00	-18.59	-25.02	-0.29	-1083.6	-0.02	1083.63	2568.45	606.72	1462.16	1527.37	59.29	-6.762	-0.001	0.718
90.00	-17.94	-24.85	-0.29	-1033.5	-0.03	1033.59	2533.63	598.50	1422.77	1485.97	62.15	-6.925	-0.001	0.704
92.17	-17.24	-24.66	-0.29	-979.76	-0.03	979.76	2130.58	503.29	1207.33	1263.80	65.32	-7.101	-0.001	0.786
95.00	-16.73	-24.46	-0.29	-909.89	-0.03	909.89	2089.47	493.57	1161.19	1215.24	69.60	-7.326	-0.001	0.759
98.00	-13.73	-21.29	-0.29	-836.51	-0.03	836.51	2045.93	483.29	1113.31	1164.86	74.27	-7.587	-0.001	0.727
100.00	-13.35	-21.17	-0.29	-793.94	-0.03	793.94	2016.91	476.44	1081.95	1131.87	77.48	-7.760	-0.001	0.710
105.00	-12.54	-20.78	-0.29	-688.11	-0.03	688.11	1944.36	459.30	1005.51	1051.46	85.80	-8.170	-0.001	0.663
109.00	-10.17	-18.24	-0.29	-603.92	-0.03	603.92	1886.32	445.59	946.37	989.26	92.76	-8.489	-0.002	0.618
110.00	-9.97	-18.19	-0.29	-585.68	-0.03	585.68	1871.81	442.16	931.87	974.01	94.54	-8.570	-0.002	0.608
115.00	-9.23	-17.79	-0.30	-494.74	-0.03	494.74	1799.25	425.02	861.03	899.53	103.68	-8.944	-0.002	0.557
120.00	-8.54	-17.39	-0.30	-405.77	-0.04	405.77	1726.70	407.88	792.99	828.00	113.20	-9.295	-0.002	0.497
124.00	-7.93	-16.55	0.00	-333.65	0.01	333.65	1668.66	394.17	740.57	772.92	121.07	-9.557	-0.002	0.438
125.00	-7.77	-16.49	0.00	-317.10	0.01	317.10	1654.15	390.74	727.75	759.45	123.07	-9.621	-0.002	0.424
130.00	-7.15	-16.09	0.00	-234.64	0.01	234.64	1581.59	373.60	665.31	693.85	133.25	-9.898	-0.002	0.345
133.37	-6.75	-15.83	0.00	-180.36	0.01	180.36	1532.65	362.04	624.76	651.27	140.26	-10.058	-0.002	0.283
135.00	-6.48	-15.69	0.00	-154.61	0.01	154.61	1509.04	356.47	605.67	631.22	143.69	-10.127	-0.002	0.251
136.62	-6.21	-15.55	0.00	-129.15	0.00	129.15	885.20	215.76	369.83	375.82	147.12	-10.188	-0.002	0.356
140.00	-2.86	-9.06	0.00	-75.87	0.00	75.87	864.59	208.82	346.40	355.15	154.33	-10.284	-0.002	0.219
145.00	-2.57	-8.71	0.00	-30.59	0.00	30.59	833.10	198.54	313.13	325.20	165.12	-10.410	-0.002	0.099
146.00	0.00	-8.10	0.00	-21.88	0.00	21.88	826.66	196.48	306.67	319.32	167.29	-10.425	-0.002	0.070

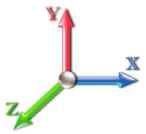
Wind Loading - Shaft

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 15	

Load Case: 0.9D + 1.0W 119 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 27

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	29.020	31.92	425.20	0.630	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	29.020	31.92	416.10	0.630	0.000	5.00	19.254	12.13	387.2	0.0	958.3
10.00		1.00	0.85	29.020	31.92	407.00	0.630	0.000	5.00	18.837	11.87	378.8	0.0	937.4
15.00		1.00	0.85	29.020	31.92	397.90	0.630	0.000	5.00	18.421	11.61	370.5	0.0	916.4
20.00		1.00	0.90	30.792	33.87	400.49	0.630	0.000	5.00	18.004	11.34	384.2	0.0	895.5
25.00		1.00	0.95	32.273	35.50	400.41	0.630	0.000	5.00	17.588	11.08	393.4	0.0	874.6
30.00		1.00	0.98	33.536	36.89	398.38	0.630	0.000	5.00	17.171	10.82	399.1	0.0	853.6
35.00		1.00	1.01	34.642	38.11	394.96	0.630	0.000	5.00	16.755	10.56	402.2	0.0	832.7
40.00		1.00	1.04	35.629	39.19	390.46	0.630	0.000	5.00	16.338	10.29	403.4	0.0	811.8
43.34	Bot - Section 2	1.00	1.06	36.236	39.86	386.98	0.630	0.000	3.34	10.671	6.72	268.0	0.0	530.1
45.00		1.00	1.07	36.524	40.18	385.12	0.630	0.000	1.66	5.356	3.37	135.6	0.0	489.2
48.67	Top - Section 1	1.00	1.09	37.132	40.84	380.76	0.630	0.000	3.67	11.654	7.34	299.9	0.0	1064.1
50.00		1.00	1.09	37.343	41.08	386.96	0.630	0.000	1.33	4.168	2.63	107.9	0.0	177.7
55.00		1.00	1.12	38.100	41.91	380.43	0.630	0.000	5.00	15.406	9.71	406.8	0.0	656.8
60.00		1.00	1.14	38.804	42.68	373.41	0.630	0.000	5.00	14.989	9.44	403.1	0.0	638.8
65.00		1.00	1.16	39.464	43.41	365.96	0.630	0.000	5.00	14.572	9.18	398.5	0.0	620.9
70.00		1.00	1.17	40.084	44.09	358.13	0.630	0.000	5.00	14.156	8.92	393.2	0.0	602.9
75.00		1.00	1.19	40.671	44.74	349.96	0.630	0.000	5.00	13.739	8.66	387.2	0.0	585.0
80.00		1.00	1.21	41.227	45.35	341.50	0.630	0.000	5.00	13.323	8.39	380.6	0.0	567.1
85.00		1.00	1.22	41.757	45.93	332.77	0.630	0.000	5.00	12.906	8.13	373.5	0.0	549.1
87.83	Bot - Section 3	1.00	1.23	42.046	46.25	327.71	0.630	0.000	2.83	7.129	4.49	207.7	0.0	303.2
88.00	Appurtenance(s)	1.00	1.23	42.063	46.27	327.41	0.630	0.000	0.17	0.424	0.27	12.4	0.0	32.7
90.00		1.00	1.24	42.262	46.49	323.79	0.630	0.000	2.00	5.052	3.18	148.0	0.0	389.7
92.17	Top - Section 2	1.00	1.24	42.474	46.72	319.84	0.630	0.000	2.17	5.397	3.40	158.9	0.0	416.3
95.00		1.00	1.25	42.746	47.02	321.61	0.630	0.000	2.83	6.940	4.37	205.6	0.0	246.4
98.00	Appurtenance(s)	1.00	1.26	43.027	47.33	316.01	0.630	0.000	3.00	7.203	4.54	214.8	0.0	255.7
100.00		1.00	1.27	43.210	47.53	312.24	0.630	0.000	2.00	4.718	2.97	141.3	0.0	167.5
105.00		1.00	1.28	43.656	48.02	302.69	0.630	0.000	5.00	11.504	7.25	348.0	0.0	408.2
109.00	Appurtenance(s)	1.00	1.29	44.001	48.40	294.92	0.630	0.000	4.00	8.904	5.61	271.5	0.0	315.8
110.00		1.00	1.29	44.086	48.49	292.96	0.630	0.000	1.00	2.184	1.38	66.7	0.0	77.5
115.00		1.00	1.30	44.500	48.95	283.06	0.630	0.000	5.00	10.671	6.72	329.1	0.0	378.3
120.00		1.00	1.32	44.901	49.39	273.01	0.630	0.000	5.00	10.255	6.46	319.1	0.0	363.4
124.00	Appurtenance(s)	1.00	1.32	45.212	49.73	264.87	0.630	0.000	4.00	7.904	4.98	247.6	0.0	279.9
125.00		1.00	1.33	45.289	49.82	262.82	0.630	0.000	1.00	1.934	1.22	60.7	0.0	68.5
130.00		1.00	1.34	45.664	50.23	252.49	0.630	0.000	5.00	9.421	5.94	298.1	0.0	333.4
133.37	Bot - Section 4	1.00	1.34	45.911	50.50	245.45	0.630	0.000	3.37	6.121	3.86	194.7	0.0	216.5
135.00		1.00	1.35	46.028	50.63	242.03	0.630	0.000	1.63	2.935	1.85	93.6	0.0	164.6
136.62	Top - Section 3	1.00	1.35	46.144	50.76	238.61	0.630	0.000	1.62	2.886	1.82	92.3	0.0	161.8
140.00	Appurtenance(s)	1.00	1.36	46.382	51.02	235.84	0.630	0.000	3.38	5.861	3.69	188.4	0.0	125.1
145.00		1.00	1.37	46.726	51.40	225.16	0.630	0.000	5.00	8.330	5.25	269.7	0.0	177.7
146.00	Appurtenance(s)	1.00	1.37	46.794	51.47	223.01	0.630	0.000	1.00	1.616	1.02	52.4	0.0	34.5
								Totals:	**146.00**			**10,593.7**		**18,478.8**

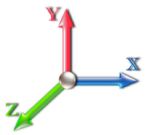
Discrete Appurtenance Forces

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 16	

Load Case: 0.9D + 1.0W 119 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 27

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	146.00	Ericsson RRUS-32 RRU	3	47.061	51.767	0.54	0.80	5.32	207.90	0.000	4.000	275.53	0.00	1102.11
2	146.00	CCI HPA-65R-BUU-H8	9	47.061	51.767	0.71	0.90	83.06	550.80	0.000	4.000	4299.69	0.00	17198.76
3	146.00	Powerwave LGP21401	6	47.061	51.767	0.54	0.80	3.47	102.60	0.000	4.000	179.80	0.00	719.20
4	146.00	Powerwave LGP219003	6	47.061	51.767	0.54	0.80	1.19	35.10	0.000	4.000	61.60	0.00	246.39
5	146.00	Powerwave 7020.00 RET	6	47.061	51.767	0.54	0.80	0.45	6.26	0.000	4.000	23.31	0.00	93.23
6	146.00	Ericsson RRUS-11 RRU	3	47.061	51.767	0.54	0.80	4.13	135.00	0.000	4.000	213.93	0.00	855.72
7	146.00	mount pipe	12	46.794	51.473	1.00	1.00	14.52	324.00	0.000	0.000	747.39	0.00	0.00
8	146.00	Raycap DC-6-48-60-18-8F	2	47.061	51.767	0.72	0.80	2.74	36.00	0.000	4.000	141.63	0.00	566.53
9	146.00	Platform w/ Hand Rails	1	46.794	51.473	1.00	1.00	32.89	1440.00	0.000	0.000	1692.95	0.00	0.00
10	146.00	Beacon	1	46.794	51.473	1.00	1.00	2.40	13.50	0.000	0.000	123.54	0.00	0.00
11	146.00	Lightning Rod	1	47.028	51.730	1.00	1.00	1.05	31.50	0.000	3.500	54.32	0.00	190.11
12	146.00	Ericsson RRUS 32 B2	3	47.061	51.767	0.54	0.80	4.41	143.10	0.000	4.000	228.08	0.00	912.32
13	140.00	Samsung B2/B66A	3	46.382	51.020	0.50	0.75	2.83	261.90	0.000	0.000	144.60	0.00	0.00
14	140.00	Antel LPA-80063/4CF	6	46.382	51.020	0.70	0.75	25.97	108.00	0.000	0.000	1325.11	0.00	0.00
15	140.00	Samsung MT6407-77A	3	46.382	51.020	0.52	0.75	7.39	214.38	0.000	0.000	376.87	0.00	0.00
16	140.00	Commscope	3	46.382	51.020	0.38	0.75	0.60	16.07	0.000	0.000	30.42	0.00	0.00
17	140.00	Low Profile Platform	1	46.382	51.020	1.00	1.00	14.69	1125.00	0.000	0.000	749.49	0.00	0.00
18	140.00	Samsung B5/B13	3	46.382	51.020	0.50	0.75	2.83	189.84	0.000	0.000	144.60	0.00	0.00
19	140.00	Raycap	2	46.382	51.020	0.68	0.75	3.40	75.60	0.000	0.000	173.57	0.00	0.00
20	140.00	Commscope	3	46.382	51.020	0.38	0.75	0.10	181.98	0.000	0.000	5.17	0.00	0.00
21	140.00	Support Rail Kit (SitePro1	1	46.538	51.192	1.00	1.00	6.75	235.55	0.000	2.250	345.54	0.00	777.47
22	140.00	Andrew JAHH-65B-R3B	6	46.382	51.020	0.62	0.75	33.99	347.60	0.000	0.000	1734.10	0.00	0.00
23	140.00	Kaelus KA-6030 Filter	2	46.382	51.020	0.68	0.75	1.30	31.68	0.000	0.000	66.12	0.00	0.00
24	140.00	mount pipe	12	46.382	51.020	0.60	0.75	9.79	324.00	0.000	0.000	499.59	0.00	0.00
25	124.00	Pipe Mount	1	45.212	49.733	1.00	1.00	4.31	78.30	0.000	0.000	214.35	0.00	0.00
26	124.00	dbSpectra	1	45.896	50.486	1.00	1.00	5.50	63.00	1.071	9.170	277.67	297.47	2546.25
27	109.00	Airmux	1	44.001	48.401	1.00	1.00	1.83	6.30	0.000	0.000	88.57	0.00	0.00
28	109.00	Celwave PD1142-66	1	44.774	49.252	1.00	1.00	1.57	14.40	0.000	9.400	77.33	0.00	726.86
29	109.00	Telewave ANT450F6	1	44.330	48.762	1.00	1.00	1.86	18.90	0.000	3.917	90.70	0.00	355.23
30	109.00	mount pipe	12	44.001	48.401	0.80	0.80	9.79	324.00	0.000	0.000	473.95	0.00	0.00
31	109.00	Low Pro Platform	1	44.001	48.401	1.00	1.00	24.56	1201.50	0.000	0.000	1188.74	0.00	0.00
32	98.00	Fujitsu TA08025-B605	3	43.027	47.329	0.50	0.75	2.95	202.37	0.000	0.000	139.84	0.00	0.00
33	98.00	Fujitsu TA08025-B604	3	43.027	47.329	0.50	0.75	2.95	172.61	0.000	0.000	139.84	0.00	0.00
34	98.00	JMA Wireless	3	43.027	47.329	0.55	0.75	20.80	174.15	0.000	0.000	984.26	0.00	0.00
35	98.00	Platform w/HRK (Sitepro1	1	43.027	47.329	1.00	1.00	17.63	1324.80	0.000	0.000	834.42	0.00	0.00
36	98.00	Raycap	1	43.027	47.329	0.75	0.75	1.51	19.67	0.000	0.000	71.35	0.00	0.00
37	98.00	mount pipe	9	43.027	47.329	0.60	0.75	8.86	243.00	0.000	0.000	419.15	0.00	0.00
38	88.00	Platform w/ Handrail	1	42.063	46.269	1.00	1.00	22.27	1750.50	0.000	0.000	1030.41	0.00	0.00
39	88.00	mount pipe	12	42.063	46.269	0.60	0.75	10.87	324.00	0.000	0.000	503.04	0.00	0.00
40	88.00	Ericsson 4449 B71+B12	3	42.063	46.269	0.50	0.75	1.81	199.80	0.000	0.000	83.70	0.00	0.00
41	88.00	Ericsson KRY 112 144/1	3	42.063	46.269	0.50	0.75	0.53	29.75	0.000	0.000	24.41	0.00	0.00
42	88.00	Ericsson Air 32	3	42.063	46.269	0.65	0.75	12.60	356.94	0.000	0.000	582.84	0.00	0.00
43	88.00	RFS	3	42.063	46.269	0.54	0.75	32.79	331.56	0.000	0.000	1517.11	0.00	0.00
							Totals:		**12,972.90**			**22,378.61**		

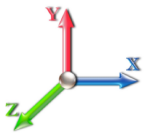
Total Applied Force Summary

Structure:	CT46135-A		**Code:**	TIA-222-H	7/25/2023
Site Name:	Middlefield-jackson Hill Rd		**Exposure:**	C	
Height:	146.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 17

Load Case: 0.9D + 1.0W 119 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 27

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		393.67	1033.86	0.00	0.00
10.00		394.96	1126.25	0.00	0.00
15.00		386.58	1105.32	0.00	0.00
20.00		401.29	1084.38	0.00	0.00
25.00		411.28	1063.45	0.00	0.00
30.00		417.69	1042.51	0.00	0.00
35.00		421.47	1021.58	0.00	0.00
40.00		423.20	1000.64	0.00	0.00
43.34		281.40	656.12	0.00	0.00
45.00		142.31	552.03	0.00	0.00
48.67		315.03	1202.78	0.00	0.00
50.00		113.38	227.96	0.00	0.00
55.00		427.92	845.65	0.00	0.00
60.00		424.63	827.71	0.00	0.00
65.00		420.46	809.76	0.00	0.00
70.00		415.50	791.82	0.00	0.00
75.00		409.83	773.87	0.00	0.00
80.00		403.54	755.93	0.00	0.00
85.00		396.67	737.99	0.00	0.00
87.83		220.95	410.23	0.00	0.00
88.00	(25) attachments	3754.65	3031.57	0.00	0.00
90.00		157.34	448.45	0.00	0.00
92.17		169.10	479.88	0.00	0.00
95.00		219.04	329.60	0.00	0.00
98.00	(20) attachments	2817.96	2480.34	0.00	0.00
100.00		150.89	224.38	0.00	0.00
105.00		372.30	550.48	0.00	0.00
109.00	(16) attachments	2210.33	1994.71	0.00	1082.09
110.00		71.63	103.89	0.00	0.00
115.00		353.81	510.49	0.00	0.00
120.00		344.03	495.54	0.00	0.00
124.00	(2) attachments	759.75	526.96	297.47	2546.25
125.00		65.74	94.92	0.00	0.00
130.00		323.51	465.63	0.00	0.00
133.37		211.95	305.70	0.00	0.00
135.00		101.95	207.65	0.00	0.00
136.62		100.60	204.70	0.00	0.00
140.00	(45) attachments	5800.98	3325.94	0.00	777.47
145.00		295.70	253.19	0.00	0.00
146.00	(53) attachments	8099.36	3075.33	0.00	21884.38
	Totals:	**33,602.39**	**36,179.15**	**297.47**	**26,290.19**

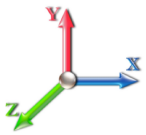
Linear Appurtenance Segment Forces (Factored)

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 18	

Load Case: 0.9D + 1.0W 119 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 27

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	29.020	2.43	0.49
5.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	29.020	4.02	1.87
10.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	29.020	6.07	1.23
10.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	29.020	10.06	4.68
15.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	29.020	6.07	1.23
15.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	29.020	10.06	4.68
20.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	30.792	6.44	1.23
20.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	30.792	10.67	4.68
25.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	32.273	6.75	1.23
25.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	32.273	11.18	4.68
30.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	33.536	7.01	1.23
30.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	33.536	11.62	4.68
35.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	34.642	7.24	1.23
35.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	34.642	12.00	4.68
40.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	35.629	7.45	1.23
40.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	35.629	12.35	4.68
43.34	Safety Cable	Yes	3.34	1.200	0.38	0.11	0.13	0.000	0.000	36.236	5.05	0.82
43.34	Step bolts (ladder)	Yes	3.34	1.200	0.63	0.18	0.21	0.000	0.000	36.236	8.38	3.12
45.00	Safety Cable	Yes	1.66	1.200	0.38	0.05	0.06	0.000	0.000	36.524	2.54	0.41
45.00	Step bolts (ladder)	Yes	1.66	1.200	0.63	0.09	0.10	0.000	0.000	36.524	4.21	1.56
48.67	Safety Cable	Yes	3.67	1.200	0.38	0.12	0.14	0.000	0.000	37.132	5.70	0.90
48.67	Step bolts (ladder)	Yes	3.67	1.200	0.63	0.19	0.23	0.000	0.000	37.132	9.44	3.44
50.00	Safety Cable	Yes	1.33	1.200	0.38	0.04	0.05	0.000	0.000	37.343	2.08	0.33
50.00	Step bolts (ladder)	Yes	1.33	1.200	0.63	0.07	0.08	0.000	0.000	37.343	3.44	1.24
55.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	38.100	7.96	1.23
55.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	38.100	13.20	4.68
60.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	38.804	8.11	1.23
60.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	38.804	13.45	4.68
65.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	39.464	8.25	1.23
65.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	39.464	13.67	4.68
70.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	40.084	8.38	1.23
70.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	40.084	13.89	4.68
75.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	40.671	8.50	1.23
75.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	40.671	14.09	4.68
80.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	41.227	8.62	1.23
80.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	41.227	14.29	4.68
85.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	41.757	8.73	1.23
85.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	41.757	14.47	4.68
87.83	Safety Cable	Yes	2.83	1.200	0.38	0.09	0.11	0.000	0.000	42.046	4.98	0.70
87.83	Step bolts (ladder)	Yes	2.83	1.200	0.63	0.15	0.18	0.000	0.000	42.046	8.26	2.65
88.00	Safety Cable	Yes	0.17	1.200	0.38	0.01	0.01	0.000	0.000	42.063	0.29	0.04
88.00	Step bolts (ladder)	Yes	0.17	1.200	0.63	0.01	0.01	0.000	0.000	42.063	0.49	0.16
90.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	42.262	3.53	0.49
90.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	42.262	5.86	1.87
92.17	Safety Cable	Yes	2.17	1.200	0.38	0.07	0.08	0.000	0.000	42.474	3.85	0.53
92.17	Step bolts (ladder)	Yes	2.17	1.200	0.63	0.11	0.14	0.000	0.000	42.474	6.38	2.03
95.00	Safety Cable	Yes	2.83	1.200	0.38	0.09	0.11	0.000	0.000	42.746	5.06	0.70

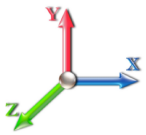
Linear Appurtenance Segment Forces (Factored)

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 19	

Load Case: 0.9D + 1.0W 119 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 27

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
95.00	Step bolts (ladder)	Yes	2.83	1.200	0.63	0.15	0.18	0.000	0.000	42.746	8.39	2.65
98.00	Safety Cable	Yes	3.00	1.200	0.38	0.10	0.11	0.000	0.000	43.027	5.40	0.74
98.00	Step bolts (ladder)	Yes	3.00	1.200	0.63	0.16	0.19	0.000	0.000	43.027	8.95	2.81
100.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	43.210	3.61	0.49
100.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	43.210	5.99	1.87
105.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	43.656	9.12	1.23
105.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	43.656	15.13	4.68
109.00	Safety Cable	Yes	4.00	1.200	0.38	0.13	0.15	0.000	0.000	44.001	7.36	0.98
109.00	Step bolts (ladder)	Yes	4.00	1.200	0.63	0.21	0.25	0.000	0.000	44.001	12.20	3.74
110.00	Safety Cable	Yes	1.00	1.200	0.38	0.03	0.04	0.000	0.000	44.086	1.84	0.25
110.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.05	0.06	0.000	0.000	44.086	3.06	0.94
115.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	44.500	9.30	1.23
115.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	44.500	15.42	4.68
120.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	44.901	9.38	1.23
120.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	44.901	15.56	4.68
124.00	Safety Cable	Yes	4.00	1.200	0.38	0.13	0.15	0.000	0.000	45.212	7.56	0.98
124.00	Step bolts (ladder)	Yes	4.00	1.200	0.63	0.21	0.25	0.000	0.000	45.212	12.53	3.74
125.00	Safety Cable	Yes	1.00	1.200	0.38	0.03	0.04	0.000	0.000	45.289	1.89	0.25
125.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.05	0.06	0.000	0.000	45.289	3.14	0.94
130.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	45.664	9.54	1.23
130.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	45.664	15.82	4.68
133.37	Safety Cable	Yes	3.37	1.200	0.38	0.11	0.13	0.000	0.000	45.911	6.47	0.83
133.37	Step bolts (ladder)	Yes	3.37	1.200	0.63	0.18	0.21	0.000	0.000	45.911	10.73	3.16
135.00	Safety Cable	Yes	1.63	1.200	0.38	0.05	0.06	0.000	0.000	46.028	3.13	0.40
135.00	Step bolts (ladder)	Yes	1.63	1.200	0.63	0.09	0.10	0.000	0.000	46.028	5.19	1.52
136.62	Safety Cable	Yes	1.62	1.200	0.38	0.05	0.06	0.000	0.000	46.144	3.13	0.40
136.62	Step bolts (ladder)	Yes	1.62	1.200	0.63	0.09	0.10	0.000	0.000	46.144	5.19	1.52
140.00	Safety Cable	Yes	3.38	1.200	0.38	0.11	0.13	0.000	0.000	46.382	6.55	0.83
140.00	Step bolts (ladder)	Yes	3.38	1.200	0.63	0.18	0.21	0.000	0.000	46.382	10.85	3.16
145.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	46.726	9.77	1.23
145.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	46.726	16.19	4.68
146.00	Safety Cable	Yes	1.00	1.200	0.38	0.03	0.04	0.000	0.000	46.794	1.96	0.25
146.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.05	0.06	0.000	0.000	46.794	3.24	0.94
									Totals:		**630.1**	**169.0**

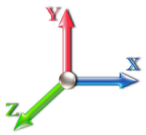
Calculated Forces

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jackson Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 20	

Load Case: 0.9D + 1.0W 119 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 27

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-36.08	-33.71	-0.28	-3823.7	-0.01	3823.75	4626.62	1110.33	4197.36	4329.86	0.00	0.000	0.000	0.892
5.00	-34.86	-33.51	-0.28	-3655.2	-0.01	3655.23	4552.64	1086.34	4017.91	4167.68	0.17	-0.321	0.000	0.886
10.00	-33.55	-33.30	-0.28	-3487.7	-0.01	3487.70	4477.51	1062.35	3842.39	4007.50	0.68	-0.647	0.000	0.879
15.00	-32.25	-33.08	-0.28	-3321.2	-0.01	3321.23	4395.69	1038.35	3670.78	3844.53	1.54	-0.981	0.000	0.872
20.00	-30.98	-32.85	-0.28	-3155.8	-0.01	3155.82	4294.12	1014.36	3503.09	3668.02	2.75	-1.320	0.000	0.869
25.00	-29.73	-32.59	-0.28	-2991.5	-0.01	2991.59	4192.55	990.37	3339.33	3495.66	4.31	-1.666	0.000	0.864
30.00	-28.50	-32.31	-0.28	-2828.6	-0.01	2828.65	4090.97	966.37	3179.48	3327.46	6.25	-2.017	0.000	0.858
35.00	-27.30	-32.03	-0.28	-2667.0	-0.01	2667.08	3989.40	942.38	3023.55	3163.39	8.55	-2.375	0.000	0.851
40.00	-26.15	-31.70	-0.28	-2506.9	-0.01	2506.95	3887.82	918.38	2871.55	3003.48	11.23	-2.737	0.000	0.843
43.34	-25.41	-31.47	-0.28	-2401.1	-0.01	2401.19	3820.04	902.37	2772.29	2899.07	13.23	-2.985	0.000	0.836
45.00	-24.75	-31.38	-0.28	-2348.8	-0.01	2348.85	3786.25	894.39	2723.46	2847.71	14.29	-3.112	0.000	0.833
48.67	-23.47	-31.08	-0.29	-2233.6	-0.01	2233.67	3251.53	768.50	2345.84	2455.72	16.79	-3.387	0.000	0.918
50.00	-23.11	-31.06	-0.29	-2192.3	-0.01	2192.34	3230.14	763.02	2312.56	2422.02	17.75	-3.490	0.000	0.914
55.00	-22.07	-30.73	-0.29	-2037.0	-0.01	2037.06	3143.08	742.46	2189.57	2292.57	21.62	-3.900	0.000	0.897
60.00	-21.06	-30.40	-0.29	-1883.4	-0.02	1883.40	3056.01	721.89	2069.95	2166.68	25.92	-4.313	0.000	0.878
65.00	-20.06	-30.07	-0.29	-1731.3	-0.02	1731.38	2968.95	701.33	1953.69	2044.34	30.66	-4.727	-0.001	0.856
70.00	-19.10	-29.72	-0.29	-1581.0	-0.02	1581.05	2881.88	680.76	1840.78	1925.55	35.83	-5.141	-0.001	0.830
75.00	-18.16	-29.37	-0.29	-1432.4	-0.02	1432.44	2794.82	660.19	1731.24	1810.32	41.42	-5.553	-0.001	0.800
80.00	-17.24	-29.02	-0.29	-1285.5	-0.02	1285.58	2707.76	639.63	1625.06	1698.65	47.45	-5.960	-0.001	0.765
85.00	-16.39	-28.63	-0.29	-1140.4	-0.02	1140.49	2620.69	619.06	1522.24	1590.53	53.90	-6.360	-0.001	0.725
87.83	-15.95	-28.40	-0.29	-1059.3	-0.02	1059.37	2571.36	607.41	1465.46	1530.84	57.73	-6.587	-0.001	0.700
88.00	-13.34	-24.34	-0.29	-1054.6	-0.02	1054.63	2568.45	606.72	1462.16	1527.37	57.96	-6.600	-0.001	0.697
90.00	-12.84	-24.17	-0.29	-1005.9	-0.02	1005.95	2533.63	598.50	1422.77	1485.97	60.75	-6.759	-0.001	0.684
92.17	-12.30	-23.99	-0.29	-953.58	-0.02	953.58	2130.58	503.29	1207.33	1263.80	63.85	-6.930	-0.001	0.763
95.00	-11.90	-23.78	-0.29	-885.61	-0.02	885.61	2089.47	493.57	1161.19	1215.24	68.02	-7.149	-0.001	0.737
98.00	-9.72	-20.71	-0.29	-814.27	-0.03	814.27	2045.93	483.29	1113.31	1164.86	72.59	-7.403	-0.001	0.706
100.00	-9.42	-20.58	-0.29	-772.86	-0.03	772.86	2016.91	476.44	1081.95	1131.87	75.72	-7.571	-0.001	0.689
105.00	-8.80	-20.19	-0.29	-669.98	-0.03	669.98	1944.36	459.30	1005.51	1051.46	83.84	-7.971	-0.001	0.644
109.00	-7.08	-17.74	-0.29	-588.15	-0.03	588.15	1886.32	445.59	946.37	989.26	90.63	-8.282	-0.002	0.600
110.00	-6.91	-17.68	-0.29	-570.41	-0.03	570.41	1871.81	442.16	931.87	974.01	92.36	-8.360	-0.002	0.591
115.00	-6.36	-17.30	-0.30	-482.01	-0.03	482.01	1799.25	425.02	861.03	899.53	101.28	-8.725	-0.002	0.541
120.00	-5.83	-16.91	-0.30	-395.53	-0.03	395.53	1726.70	407.88	792.99	828.00	110.57	-9.067	-0.002	0.483
124.00	-5.39	-16.09	0.00	-325.35	0.01	325.35	1668.66	394.17	740.57	772.92	118.25	-9.322	-0.002	0.426
125.00	-5.26	-16.03	0.00	-309.26	0.01	309.26	1654.15	390.74	727.75	759.45	120.20	-9.384	-0.002	0.412
130.00	-4.79	-15.65	0.00	-229.13	0.01	229.13	1581.59	373.60	665.31	693.85	130.13	-9.655	-0.002	0.335
133.37	-4.50	-15.40	0.00	-176.35	0.01	176.35	1532.65	362.04	624.76	651.27	136.98	-9.812	-0.002	0.276
135.00	-4.30	-15.26	0.00	-151.31	0.01	151.31	1509.04	356.47	605.67	631.22	140.32	-9.879	-0.002	0.244
136.62	-4.09	-15.14	0.00	-126.53	0.00	126.53	885.20	215.76	369.83	375.82	143.67	-9.938	-0.002	0.346
140.00	-1.80	-8.85	0.00	-74.64	0.00	74.64	864.59	208.82	346.40	355.15	150.70	-10.033	-0.002	0.214
145.00	-1.60	-8.52	0.00	-30.40	0.00	30.40	833.10	198.54	313.13	325.20	161.23	-10.157	-0.002	0.097
146.00	0.00	-8.10	0.00	-21.88	0.00	21.88	826.66	196.48	306.67	319.32	163.35	-10.172	-0.002	0.070

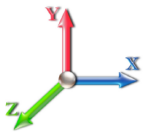
Wind Loading - Shaft

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 21	

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 25

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	5.123	5.64	0.00	1.200	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	5.123	5.64	0.00	1.200	0.828	5.00	19.944	23.93	134.9	237.8	1515.6
10.00		1.00	0.85	5.123	5.64	0.00	1.200	0.887	5.00	19.577	23.49	132.4	249.7	1499.6
15.00		1.00	0.85	5.123	5.64	0.00	1.200	0.924	5.00	19.191	23.03	129.8	254.6	1476.5
20.00		1.00	0.90	5.436	5.98	0.00	1.200	0.951	5.00	18.797	22.56	134.9	256.3	1450.3
25.00		1.00	0.95	5.697	6.27	0.00	1.200	0.973	5.00	18.398	22.08	138.4	256.2	1422.3
30.00		1.00	0.98	5.920	6.51	0.00	1.200	0.991	5.00	17.997	21.60	140.6	254.9	1393.1
35.00		1.00	1.01	6.116	6.73	0.00	1.200	1.006	5.00	17.593	21.11	142.0	252.8	1363.0
40.00		1.00	1.04	6.290	6.92	0.00	1.200	1.019	5.00	17.188	20.63	142.7	250.0	1332.3
43.34	Bot - Section 2	1.00	1.06	6.397	7.04	0.00	1.200	1.028	3.34	11.243	13.49	94.9	165.4	872.1
45.00		1.00	1.07	6.448	7.09	0.00	1.200	1.032	1.66	5.642	6.77	48.0	83.7	735.9
48.67	Top - Section 1	1.00	1.09	6.555	7.21	0.00	1.200	1.040	3.67	12.290	14.75	106.3	182.6	1601.5
50.00		1.00	1.09	6.593	7.25	0.00	1.200	1.042	1.33	4.399	5.28	38.3	65.9	302.9
55.00		1.00	1.12	6.726	7.40	0.00	1.200	1.052	5.00	16.283	19.54	144.6	243.7	1119.4
60.00		1.00	1.14	6.851	7.54	0.00	1.200	1.062	5.00	15.874	19.05	143.5	239.4	1091.1
65.00		1.00	1.16	6.967	7.66	0.00	1.200	1.070	5.00	15.464	18.56	142.2	234.7	1062.6
70.00		1.00	1.17	7.077	7.78	0.00	1.200	1.078	5.00	15.054	18.07	140.6	229.9	1033.8
75.00		1.00	1.19	7.180	7.90	0.00	1.200	1.086	5.00	14.644	17.57	138.8	224.8	1004.8
80.00		1.00	1.21	7.278	8.01	0.00	1.200	1.093	5.00	14.233	17.08	136.7	219.6	975.7
85.00		1.00	1.22	7.372	8.11	0.00	1.200	1.099	5.00	13.822	16.59	134.5	214.2	946.3
87.83	Bot - Section 3	1.00	1.23	7.423	8.17	0.00	1.200	1.103	2.83	7.649	9.18	74.9	119.6	523.9
88.00	Appurtenance(s)	1.00	1.23	7.426	8.17	0.00	1.200	1.103	0.17	0.455	0.55	4.5	7.2	50.8
90.00		1.00	1.24	7.461	8.21	0.00	1.200	1.106	2.00	5.420	6.50	53.4	85.2	604.9
92.17	Top - Section 2	1.00	1.24	7.498	8.25	0.00	1.200	1.108	2.17	5.798	6.96	57.4	91.2	646.3
95.00		1.00	1.25	7.546	8.30	0.00	1.200	1.112	2.83	7.465	8.96	74.4	117.5	446.1
98.00	Appurtenance(s)	1.00	1.26	7.596	8.36	0.00	1.200	1.115	3.00	7.760	9.31	77.8	122.3	463.2
100.00		1.00	1.27	7.628	8.39	0.00	1.200	1.117	2.00	5.091	6.11	51.3	80.6	303.9
105.00		1.00	1.28	7.707	8.48	0.00	1.200	1.123	5.00	12.440	14.93	126.6	195.6	739.9
109.00	Appurtenance(s)	1.00	1.29	7.768	8.54	0.00	1.200	1.127	4.00	9.655	11.59	99.0	152.7	573.7
110.00		1.00	1.29	7.783	8.56	0.00	1.200	1.128	1.00	2.372	2.85	24.4	37.9	141.2
115.00		1.00	1.30	7.856	8.64	0.00	1.200	1.133	5.00	11.615	13.94	120.5	183.5	687.9
120.00		1.00	1.32	7.927	8.72	0.00	1.200	1.138	5.00	11.203	13.44	117.2	177.3	661.8
124.00	Appurtenance(s)	1.00	1.32	7.982	8.78	0.00	1.200	1.142	4.00	8.665	10.40	91.3	137.8	511.0
125.00		1.00	1.33	7.995	8.79	0.00	1.200	1.142	1.00	2.125	2.55	22.4	34.2	125.5
130.00		1.00	1.34	8.062	8.87	0.00	1.200	1.147	5.00	10.377	12.45	110.4	164.6	609.2
133.37	Bot - Section 4	1.00	1.34	8.105	8.92	0.00	1.200	1.150	3.37	6.768	8.12	72.4	108.1	396.8
135.00		1.00	1.35	8.126	8.94	0.00	1.200	1.151	1.63	3.248	3.90	34.8	52.3	271.9
136.62	Top - Section 3	1.00	1.35	8.146	8.96	0.00	1.200	1.153	1.62	3.197	3.84	34.4	51.6	267.3
140.00	Appurtenance(s)	1.00	1.36	8.188	9.01	0.00	1.200	1.155	3.38	6.512	7.81	70.4	104.3	271.0
145.00		1.00	1.37	8.249	9.07	0.00	1.200	1.160	5.00	9.297	11.16	101.2	147.8	384.7
146.00	Appurtenance(s)	1.00	1.37	8.261	9.09	0.00	1.200	1.160	1.00	1.809	2.17	19.7	29.3	75.2
								Totals:	**146.00**			**3,802.5**		**30,955.1**

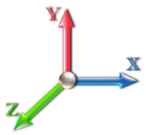
Discrete Appurtenance Forces

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 22	

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 25

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	146.00	Ericsson RRUS-32 RRU	3	8.308	9.139	0.54	0.80	6.15	488.33	0.000	4.000	56.25	0.00	224.98
2	146.00	CCI HPA-65R-BUU-H8	9	8.308	9.139	0.71	0.90	89.78	2380.62	0.000	4.000	820.50	0.00	3282.00
3	146.00	Powerwave LGP21401	6	8.308	9.139	0.54	0.80	4.41	253.55	0.000	4.000	40.27	0.00	161.08
4	146.00	Powerwave LGP219003	6	8.308	9.139	0.54	0.80	2.25	84.27	0.000	4.000	20.53	0.00	82.12
5	146.00	Powerwave 7020.00 RET	6	8.308	9.139	0.54	0.80	0.81	6.24	0.000	4.000	7.42	0.00	29.70
6	146.00	Ericsson RRUS-11 RRU	3	8.308	9.139	0.54	0.80	4.81	329.86	0.000	4.000	43.91	0.00	175.66
7	146.00	mount pipe	12	8.261	9.087	1.00	1.00	22.94	-25293.8	0.000	0.000	208.49	0.00	0.00
8	146.00	Raycap DC-6-48-60-18-8F	2	8.308	9.139	0.72	0.80	3.60	40.70	0.000	4.000	32.92	0.00	131.68
9	146.00	Platform w/ Hand Rails	1	8.261	9.087	1.00	1.00	51.97	2716.12	0.000	0.000	472.27	0.00	0.00
10	146.00	Beacon	1	8.261	9.087	1.00	1.00	2.40	24.60	0.000	0.000	21.81	0.00	0.00
11	146.00	Lightning Rod	1	8.302	9.133	1.00	1.00	2.63	53.89	0.000	3.500	24.00	0.00	84.00
12	146.00	Ericsson RRUS 32 B2	3	8.308	9.139	0.54	0.80	5.17	352.58	0.000	4.000	47.20	0.00	188.82
13	140.00	Samsung B2/B66A	3	8.188	9.007	0.50	0.75	3.37	489.12	0.000	0.000	30.39	0.00	0.00
14	140.00	Antel LPA-80063/4CF	6	8.188	9.007	0.70	0.75	28.83	920.17	0.000	0.000	259.71	0.00	0.00
15	140.00	Samsung MT6407-77A	3	8.188	9.007	0.52	0.75	8.34	506.23	0.000	0.000	75.08	0.00	0.00
16	140.00	Commscope	3	8.188	9.007	0.38	0.75	0.83	57.41	0.000	0.000	7.47	0.00	0.00
17	140.00	Low Profile Platform	1	8.188	9.007	1.00	1.00	22.50	1672.17	0.000	0.000	202.64	0.00	0.00
18	140.00	Samsung B5/B13	3	8.188	9.007	0.50	0.75	3.37	379.25	0.000	0.000	30.39	0.00	0.00
19	140.00	Raycap	2	8.188	9.007	0.68	0.75	4.58	261.32	0.000	0.000	41.26	0.00	0.00
20	140.00	Commscope	3	8.188	9.007	0.38	0.75	0.15	283.30	0.000	0.000	1.33	0.00	0.00
21	140.00	Support Rail Kit (SitePro1	1	8.216	9.037	1.00	1.00	11.12	781.42	0.000	2.250	100.48	0.00	226.07
22	140.00	Andrew JAHH-65B-R3B	6	8.188	9.007	0.62	0.75	37.22	1324.13	0.000	0.000	335.29	0.00	0.00
23	140.00	Kaelus KA-6030 Filter	2	8.188	9.007	0.68	0.75	1.75	68.72	0.000	0.000	15.72	0.00	0.00
24	140.00	mount pipe	12	8.188	9.007	0.60	0.75	15.00	-20600.0	0.000	0.000	135.08	0.00	0.00
25	124.00	Pipe Mount	1	7.982	8.780	1.00	1.00	7.83	160.80	0.000	0.000	68.77	0.00	0.00
26	124.00	dbSpectra	1	8.103	8.913	1.00	1.00	9.76	134.82	1.071	9.170	87.01	93.21	797.84
27	109.00	Airmux	1	7.768	8.545	1.00	1.00	2.19	14.21	0.000	0.000	18.68	0.00	0.00
28	109.00	Celwave PD1142-66	1	7.905	8.695	1.00	1.00	3.73	90.40	0.000	9.400	32.41	0.00	304.62
29	109.00	Telewave ANT450F6	1	7.826	8.609	1.00	1.00	3.69	42.86	0.000	3.917	31.75	0.00	124.37
30	109.00	mount pipe	12	7.768	8.545	0.80	0.80	17.69	-266.99	0.000	0.000	151.18	0.00	0.00
31	109.00	Low Pro Platform	1	7.768	8.545	1.00	1.00	44.38	4142.90	0.000	0.000	379.19	0.00	0.00
32	98.00	Fujitsu TA08025-B605	3	7.596	8.356	0.50	0.75	3.49	332.05	0.000	0.000	29.20	0.00	0.00
33	98.00	Fujitsu TA08025-B604	3	7.596	8.356	0.50	0.75	3.49	291.02	0.000	0.000	29.20	0.00	0.00
34	98.00	JMA Wireless	3	7.596	8.356	0.55	0.75	22.35	588.10	0.000	0.000	186.78	0.00	0.00
35	98.00	Platform w/HRK (Sitepro1	1	7.596	8.356	1.00	1.00	31.78	2275.16	0.000	0.000	265.57	0.00	0.00
36	98.00	Raycap	1	7.596	8.356	0.75	0.75	1.78	47.41	0.000	0.000	14.87	0.00	0.00
37	98.00	mount pipe	9	7.596	8.356	0.60	0.75	15.97	-16757.3	0.000	0.000	133.40	0.00	0.00
38	88.00	Platform w/ Handrail	1	7.426	8.168	1.00	1.00	32.69	2166.26	0.000	0.000	266.99	0.00	0.00
39	88.00	mount pipe	12	7.426	8.168	0.60	0.75	15.96	-39769.7	0.000	0.000	130.34	0.00	0.00
40	88.00	Ericsson 4449 B71+B12	3	7.426	8.168	0.50	0.75	2.94	382.16	0.000	0.000	24.02	0.00	0.00
41	88.00	Ericsson KRY 112 144/1	3	7.426	8.168	0.50	0.75	0.85	46.44	0.000	0.000	6.90	0.00	0.00
42	88.00	Ericsson Air 32	3	7.426	8.168	0.65	0.75	15.40	1370.87	0.000	0.000	125.77	0.00	0.00
43	88.00	RFS	3	7.426	8.168	0.54	0.75	34.71	73.02	0.000	0.000	283.55	0.00	0.00
							Totals:		**-77,055.48**			**5,296.02**		

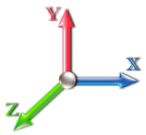
Total Applied Force Summary

Structure:	CT46135-A		**Code:**	TIA-222-H	7/25/2023
Site Name:	Middlefield-jackson Hill Rd		**Exposure:**	C	
Height:	146.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 23

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 25

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		139.75	1621.02	0.00	0.00
10.00		145.24	1764.70	0.00	0.00
15.00		143.05	1742.58	0.00	0.00
20.00		149.27	1717.11	0.00	0.00
25.00		153.72	1689.70	0.00	0.00
30.00		156.83	1660.99	0.00	0.00
35.00		158.95	1631.36	0.00	0.00
40.00		160.31	1601.03	0.00	0.00
43.34		106.96	1051.60	0.00	0.00
45.00		54.08	825.43	0.00	0.00
48.67		120.02	1799.15	0.00	0.00
50.00		43.28	374.53	0.00	0.00
55.00		163.88	1389.11	0.00	0.00
60.00		163.35	1361.10	0.00	0.00
65.00		162.49	1332.80	0.00	0.00
70.00		161.34	1304.26	0.00	0.00
75.00		159.93	1275.51	0.00	0.00
80.00		158.28	1246.56	0.00	0.00
85.00		156.42	1217.44	0.00	0.00
87.83		87.49	677.55	0.00	0.00
88.00	(25) attachments	842.77	-35671.15	0.00	0.00
90.00		62.30	690.91	0.00	0.00
92.17		67.11	739.54	0.00	0.00
95.00		87.19	568.07	0.00	0.00
98.00	(20) attachments	750.55	-12631.13	0.00	0.00
100.00		60.46	387.71	0.00	0.00
105.00		149.87	949.58	0.00	0.00
109.00	(16) attachments	731.08	4764.96	0.00	428.99
110.00		29.10	180.48	0.00	0.00
115.00		144.40	884.46	0.00	0.00
120.00		141.47	858.47	0.00	0.00
124.00	(2) attachments	266.65	964.12	93.21	797.84
125.00		27.33	164.88	0.00	0.00
130.00		135.25	806.22	0.00	0.00
133.37		89.28	529.80	0.00	0.00
135.00		43.00	336.00	0.00	0.00
136.62		42.56	331.28	0.00	0.00
140.00	(45) attachments	1322.35	-13452.51	0.00	226.07
145.00		126.85	506.53	0.00	0.00
146.00	(53) attachments	1820.45	-18463.50	0.00	4360.04
	Totals:	**9,684.64**	**-39,271.77**	**93.21**	**5,812.94**

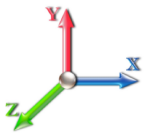
Linear Appurtenance Segment Forces (Factored)

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 24	

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	2.00	1.200	0.38	0.34	0.41	0.000	0.000	5.123	2.29	2.84
5.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.38	0.46	0.000	0.000	5.123	2.58	5.04
10.00	Safety Cable	Yes	5.00	1.200	0.38	0.90	1.08	0.000	0.000	5.123	6.07	7.80
10.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	1.00	1.20	0.000	0.000	5.123	6.78	13.37
15.00	Safety Cable	Yes	5.00	1.200	0.38	0.93	1.11	0.000	0.000	5.123	6.28	8.26
15.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	1.03	1.24	0.000	0.000	5.123	6.98	13.87
20.00	Safety Cable	Yes	5.00	1.200	0.38	0.95	1.14	0.000	0.000	5.436	6.82	8.61
20.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	1.06	1.27	0.000	0.000	5.436	7.57	14.24
25.00	Safety Cable	Yes	5.00	1.200	0.38	0.97	1.16	0.000	0.000	5.697	7.29	8.89
25.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	1.07	1.29	0.000	0.000	5.697	8.07	14.55
30.00	Safety Cable	Yes	5.00	1.200	0.38	0.98	1.18	0.000	0.000	5.920	7.69	9.13
30.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	1.09	1.31	0.000	0.000	5.920	8.50	14.80
35.00	Safety Cable	Yes	5.00	1.200	0.38	1.00	1.20	0.000	0.000	6.116	8.05	9.34
35.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	1.10	1.32	0.000	0.000	6.116	8.89	15.03
40.00	Safety Cable	Yes	5.00	1.200	0.38	1.01	1.21	0.000	0.000	6.290	8.37	9.53
40.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	1.11	1.33	0.000	0.000	6.290	9.23	15.23
43.34	Safety Cable	Yes	3.34	1.200	0.38	0.68	0.81	0.000	0.000	6.397	5.72	6.44
43.34	Step bolts (ladder)	Yes	3.34	1.200	0.63	0.75	0.90	0.000	0.000	6.397	6.30	10.24
45.00	Safety Cable	Yes	1.66	1.200	0.38	0.34	0.41	0.000	0.000	6.448	2.88	3.23
45.00	Step bolts (ladder)	Yes	1.66	1.200	0.63	0.37	0.45	0.000	0.000	6.448	3.18	5.13
48.67	Safety Cable	Yes	3.67	1.200	0.38	0.75	0.90	0.000	0.000	6.555	6.51	7.20
48.67	Step bolts (ladder)	Yes	3.67	1.200	0.63	0.83	0.99	0.000	0.000	6.555	7.17	11.40
50.00	Safety Cable	Yes	1.33	1.200	0.38	0.27	0.33	0.000	0.000	6.593	2.38	2.62
50.00	Step bolts (ladder)	Yes	1.33	1.200	0.63	0.30	0.36	0.000	0.000	6.593	2.62	4.14
55.00	Safety Cable	Yes	5.00	1.200	0.38	1.04	1.24	0.000	0.000	6.726	9.19	10.00
55.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	1.14	1.37	0.000	0.000	6.726	10.12	15.73
60.00	Safety Cable	Yes	5.00	1.200	0.38	1.04	1.25	0.000	0.000	6.851	9.43	10.13
60.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	1.15	1.38	0.000	0.000	6.851	10.37	15.87
65.00	Safety Cable	Yes	5.00	1.200	0.38	1.05	1.26	0.000	0.000	6.967	9.66	10.25
65.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	1.15	1.39	0.000	0.000	6.967	10.62	16.00
70.00	Safety Cable	Yes	5.00	1.200	0.38	1.06	1.27	0.000	0.000	7.077	9.87	10.37
70.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	1.16	1.39	0.000	0.000	7.077	10.84	16.12
75.00	Safety Cable	Yes	5.00	1.200	0.38	1.06	1.28	0.000	0.000	7.180	10.07	10.48
75.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	1.17	1.40	0.000	0.000	7.180	11.06	16.24
80.00	Safety Cable	Yes	5.00	1.200	0.38	1.07	1.28	0.000	0.000	7.278	10.27	10.58
80.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	1.17	1.41	0.000	0.000	7.278	11.27	16.35
85.00	Safety Cable	Yes	5.00	1.200	0.38	1.07	1.29	0.000	0.000	7.372	10.45	10.68
85.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	1.18	1.41	0.000	0.000	7.372	11.47	16.46
87.83	Safety Cable	Yes	2.83	1.200	0.38	0.61	0.73	0.000	0.000	7.423	5.98	6.08
87.83	Step bolts (ladder)	Yes	2.83	1.200	0.63	0.67	0.80	0.000	0.000	7.423	6.56	9.36
88.00	Safety Cable	Yes	0.17	1.200	0.38	0.04	0.04	0.000	0.000	7.426	0.35	0.36
88.00	Step bolts (ladder)	Yes	0.17	1.200	0.63	0.04	0.05	0.000	0.000	7.426	0.39	0.55
90.00	Safety Cable	Yes	2.00	1.200	0.38	0.43	0.52	0.000	0.000	7.461	4.25	4.31
90.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.47	0.57	0.000	0.000	7.461	4.66	6.62
92.17	Safety Cable	Yes	2.17	1.200	0.38	0.47	0.56	0.000	0.000	7.498	4.64	4.69
92.17	Step bolts (ladder)	Yes	2.17	1.200	0.63	0.51	0.62	0.000	0.000	7.498	5.09	7.19
95.00	Safety Cable	Yes	2.83	1.200	0.38	0.61	0.74	0.000	0.000	7.546	6.12	6.16

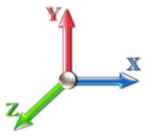
Linear Appurtenance Segment Forces (Factored)

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 25	

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
95.00	Step bolts (ladder)	Yes	2.83	1.200	0.63	0.67	0.81	0.000	0.000	7.546	6.71	9.44
98.00	Safety Cable	Yes	3.00	1.200	0.38	0.65	0.78	0.000	0.000	7.596	6.54	6.55
98.00	Step bolts (ladder)	Yes	3.00	1.200	0.63	0.71	0.86	0.000	0.000	7.596	7.17	10.02
100.00	Safety Cable	Yes	2.00	1.200	0.38	0.44	0.52	0.000	0.000	7.628	4.39	4.38
100.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.48	0.57	0.000	0.000	7.628	4.81	6.70
105.00	Safety Cable	Yes	5.00	1.200	0.38	1.09	1.31	0.000	0.000	7.707	11.13	11.03
105.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	1.20	1.44	0.000	0.000	7.707	12.19	16.83
109.00	Safety Cable	Yes	4.00	1.200	0.38	0.88	1.05	0.000	0.000	7.768	9.00	8.88
109.00	Step bolts (ladder)	Yes	4.00	1.200	0.63	0.96	1.15	0.000	0.000	7.768	9.86	13.52
110.00	Safety Cable	Yes	1.00	1.200	0.38	0.22	0.26	0.000	0.000	7.783	2.26	2.22
110.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.24	0.29	0.000	0.000	7.783	2.47	3.38
115.00	Safety Cable	Yes	5.00	1.200	0.38	1.10	1.32	0.000	0.000	7.856	11.43	11.19
115.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	1.21	1.45	0.000	0.000	7.856	12.51	17.00
120.00	Safety Cable	Yes	5.00	1.200	0.38	1.11	1.33	0.000	0.000	7.927	11.58	11.26
120.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	1.21	1.45	0.000	0.000	7.927	12.67	17.08
124.00	Safety Cable	Yes	4.00	1.200	0.38	0.89	1.07	0.000	0.000	7.982	9.35	9.06
124.00	Step bolts (ladder)	Yes	4.00	1.200	0.63	0.97	1.17	0.000	0.000	7.982	10.23	13.71
125.00	Safety Cable	Yes	1.00	1.200	0.38	0.22	0.27	0.000	0.000	7.995	2.34	2.27
125.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.24	0.29	0.000	0.000	7.995	2.56	3.43
130.00	Safety Cable	Yes	5.00	1.200	0.38	1.11	1.34	0.000	0.000	8.062	11.86	11.41
130.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	1.22	1.46	0.000	0.000	8.062	12.96	17.23
133.37	Safety Cable	Yes	3.37	1.200	0.38	0.75	0.90	0.000	0.000	8.105	8.06	7.73
133.37	Step bolts (ladder)	Yes	3.37	1.200	0.63	0.82	0.99	0.000	0.000	8.105	8.81	11.65
135.00	Safety Cable	Yes	1.63	1.200	0.38	0.36	0.44	0.000	0.000	8.126	3.90	3.73
135.00	Step bolts (ladder)	Yes	1.63	1.200	0.63	0.40	0.48	0.000	0.000	8.126	4.26	5.63
136.62	Safety Cable	Yes	1.62	1.200	0.38	0.36	0.44	0.000	0.000	8.146	3.91	3.73
136.62	Step bolts (ladder)	Yes	1.62	1.200	0.63	0.40	0.48	0.000	0.000	8.146	4.27	5.62
140.00	Safety Cable	Yes	3.38	1.200	0.38	0.76	0.91	0.000	0.000	8.188	8.18	7.79
140.00	Step bolts (ladder)	Yes	3.38	1.200	0.63	0.83	0.99	0.000	0.000	8.188	8.94	11.73
145.00	Safety Cable	Yes	5.00	1.200	0.38	1.12	1.35	0.000	0.000	8.249	12.25	11.60
145.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	1.23	1.47	0.000	0.000	8.249	13.38	17.43
146.00	Safety Cable	Yes	1.00	1.200	0.38	0.23	0.27	0.000	0.000	8.261	2.45	2.32
146.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.25	0.30	0.000	0.000	8.261	2.68	3.49
									Totals:		**586.1**	**750.6**

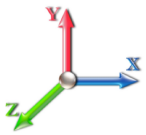
Calculated Forces

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jackson Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 26	

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



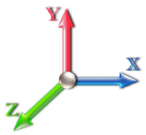
Iterations 25

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-40.94	-9.72	-0.09	-1027.7	0.00	1027.75	4626.62	1110.33	4197.36	4329.86	0.00	0.000	0.000	0.246
5.00	-39.30	-9.63	-0.09	-979.17	0.00	979.17	4552.64	1086.34	4017.91	4167.68	0.05	-0.086	0.000	0.244
10.00	-37.52	-9.54	-0.09	-931.00	0.00	931.00	4477.51	1062.35	3842.39	4007.50	0.18	-0.173	0.000	0.241
15.00	-35.77	-9.45	-0.09	-883.29	0.00	883.29	4395.69	1038.35	3670.78	3844.53	0.41	-0.262	0.000	0.238
20.00	-34.04	-9.34	-0.09	-836.05	0.00	836.05	4294.12	1014.36	3503.09	3668.02	0.73	-0.352	0.000	0.236
25.00	-32.33	-9.23	-0.09	-789.34	0.00	789.34	4192.55	990.37	3339.33	3495.66	1.15	-0.444	0.000	0.234
30.00	-30.66	-9.11	-0.09	-743.19	0.00	743.19	4090.97	966.37	3179.48	3327.46	1.67	-0.536	0.000	0.231
35.00	-29.01	-8.98	-0.09	-697.64	0.00	697.64	3989.40	942.38	3023.55	3163.39	2.28	-0.630	0.000	0.228
40.00	-27.40	-8.84	-0.09	-652.74	0.00	652.74	3887.82	918.38	2871.55	3003.48	2.99	-0.725	0.000	0.224
43.34	-26.35	-8.74	-0.09	-623.24	0.00	623.24	3820.04	902.37	2772.29	2899.07	3.52	-0.789	0.000	0.222
45.00	-25.51	-8.70	-0.09	-608.70	0.00	608.70	3786.25	894.39	2723.46	2847.71	3.80	-0.822	0.000	0.221
48.67	-23.71	-8.57	-0.09	-576.78	0.00	576.78	3251.53	768.50	2345.84	2455.72	4.46	-0.893	0.000	0.242
50.00	-23.33	-8.55	-0.09	-565.38	0.00	565.38	3230.14	763.02	2312.56	2422.02	4.71	-0.920	0.000	0.241
55.00	-21.92	-8.40	-0.09	-522.63	0.00	522.63	3143.08	742.46	2189.57	2292.57	5.73	-1.025	0.000	0.235
60.00	-20.55	-8.25	-0.09	-480.61	0.00	480.61	3056.01	721.89	2069.95	2166.68	6.86	-1.131	0.000	0.229
65.00	-19.21	-8.10	-0.09	-439.35	0.00	439.35	2968.95	701.33	1953.69	2044.34	8.10	-1.236	0.000	0.222
70.00	-17.89	-7.94	-0.09	-398.87	0.00	398.87	2881.88	680.76	1840.78	1925.55	9.45	-1.341	0.000	0.213
75.00	-16.61	-7.78	-0.09	-359.17	0.00	359.17	2794.82	660.19	1731.24	1810.32	10.92	-1.445	0.000	0.204
80.00	-15.35	-7.61	-0.09	-320.29	0.00	320.29	2707.76	639.63	1625.06	1698.65	12.48	-1.546	0.000	0.194
85.00	-14.13	-7.44	-0.09	-282.21	0.00	282.21	2620.69	619.06	1522.24	1590.53	14.16	-1.646	0.000	0.183
87.83	-13.45	-7.34	-0.09	-261.13	0.00	261.13	2571.36	607.41	1465.46	1530.84	15.15	-1.702	0.000	0.176
88.00	-13.47	-6.51	-0.09	-259.90	0.00	259.90	2568.45	606.72	1462.16	1527.37	15.21	-1.705	0.000	0.176
90.00	-12.78	-6.43	-0.09	-246.89	0.00	246.89	2533.63	598.50	1422.77	1485.97	15.93	-1.744	0.000	0.171
92.17	-12.04	-6.35	-0.09	-232.96	0.00	232.96	2130.58	503.29	1207.33	1263.80	16.73	-1.786	0.000	0.190
95.00	-11.47	-6.26	-0.09	-214.96	0.00	214.96	2089.47	493.57	1161.19	1215.24	17.81	-1.839	0.000	0.183
98.00	-11.49	-5.52	-0.09	-196.19	0.00	196.19	2045.93	483.29	1113.31	1164.86	18.98	-1.901	0.000	0.174
100.00	-11.09	-5.46	-0.09	-185.16	0.00	185.16	2016.91	476.44	1081.95	1131.87	19.79	-1.941	0.000	0.169
105.00	-10.14	-5.29	-0.09	-157.87	0.00	157.87	1944.36	459.30	1005.51	1051.46	21.87	-2.036	0.000	0.155
109.00	-5.40	-4.39	-0.09	-136.28	0.00	136.28	1886.32	445.59	946.37	989.26	23.61	-2.109	0.000	0.141
110.00	-5.22	-4.36	-0.09	-131.89	0.00	131.89	1871.81	442.16	931.87	974.01	24.05	-2.127	-0.001	0.138
115.00	-4.34	-4.19	-0.09	-110.09	0.00	110.09	1799.25	425.02	861.03	899.53	26.33	-2.211	-0.001	0.125
120.00	-3.48	-4.02	-0.09	-89.15	0.00	89.15	1726.70	407.88	792.99	828.00	28.68	-2.289	-0.001	0.110
124.00	-2.52	-3.71	0.00	-72.28	0.00	72.28	1668.66	394.17	740.57	772.92	30.63	-2.346	-0.001	0.095
125.00	-2.36	-3.68	0.00	-68.57	0.00	68.57	1654.15	390.74	727.75	759.45	31.12	-2.360	-0.001	0.092
130.00	-1.56	-3.51	0.00	-50.16	0.00	50.16	1581.59	373.60	665.31	693.85	33.62	-2.419	-0.001	0.073
133.37	-1.03	-3.40	0.00	-38.31	0.00	38.31	1532.65	362.04	624.76	651.27	35.35	-2.453	-0.001	0.060
135.00	-0.69	-3.35	0.00	-32.78	0.00	32.78	1509.04	356.47	605.67	631.22	36.18	-2.468	-0.001	0.052
136.62	-0.36	-3.29	0.00	-27.35	0.00	27.35	885.20	215.76	369.83	375.82	37.02	-2.481	-0.001	0.073
140.00	-0.42	-1.97	0.00	-16.02	0.00	16.02	864.59	208.82	346.40	355.15	38.79	-2.501	-0.001	0.046
145.00	0.08	-1.82	0.00	-6.18	0.00	6.18	833.10	198.54	313.13	325.20	41.42	-2.528	-0.001	0.019
146.00	0.00	-1.82	0.00	-4.36	0.00	4.36	826.66	196.48	306.67	319.32	41.95	-2.530	-0.001	0.014

Seismic Segment Forces (Factored)

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jackson Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 27	

Load Case: 1.2D + 1.0Ev + 1.0Eh



Gust Response Factor	1.10			**Sds**	0.22	**Iterations**	23
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.09	**Ss**	0.21
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.28	**SA**	0.02	**S1**	0.06
						Seismic Importance Factor	1.00

Top Elev (ft)	Description	Wz (lb)	Hz (lb)	Vertical Ev (lb)	Lateral Fs (lb)	R: 1.50
0.00		0.00	0.00	0.00	0.00	
5.00		1165.5	2.50	51.97	0.01	
10.00		1293.3	7.50	57.67	0.07	
15.00		1270.1	12.50	56.63	0.18	
20.00		1246.8	17.50	55.59	0.34	
25.00		1223.5	22.50	54.56	0.55	
30.00		1200.3	27.50	53.52	0.79	
35.00		1177.0	32.50	52.48	1.06	
40.00		1153.8	37.50	51.44	1.35	
43.34	Bot - Section 2	757.03	41.67	33.75	0.72	
45.00		627.32	44.17	27.97	0.56	
48.67	Top - Section 1	1367.2	46.84	60.96	2.96	
50.00		264.46	49.34	11.79	0.12	
55.00		981.59	52.50	43.77	1.92	
60.00		961.65	57.50	42.88	2.21	
65.00		941.71	62.50	41.99	2.50	
70.00		921.77	67.50	41.10	2.80	
75.00		901.83	72.50	40.21	3.09	
80.00		881.90	77.50	39.32	3.38	
85.00		861.96	82.50	38.43	3.66	
87.83	Bot - Section 3	479.59	86.42	21.38	1.24	
88.00	Appurtenance(s)	3369.8	87.92	150.25	63.46	
90.00		511.33	89.00	22.80	1.50	
92.17	Top - Section 2	547.34	91.08	24.40	1.80	
95.00		384.70	93.58	17.15	0.94	
98.00	Appurtenance(s)	2775.5	96.50	123.75	51.86	
100.00		261.95	99.00	11.68	0.49	
105.00		643.25	102.50	28.68	3.14	
109.00	Appurtenance(s)	2241.6	107.00	99.95	41.59	
110.00		121.31	109.50	5.41	0.13	
115.00		596.58	112.50	26.60	3.26	
120.00		579.97	117.50	25.86	3.36	
124.00	Appurtenance(s)	609.01	122.00	27.15	3.99	
125.00		111.34	124.50	4.96	0.14	
130.00		546.74	127.50	24.38	3.51	
133.37	Bot - Section 4	359.48	131.69	16.03	1.62	
135.00		240.27	134.19	10.71	0.75	
136.62	Top - Section 3	236.98	135.81	10.57	0.75	
140.00	Appurtenance(s)	3715.3	138.31	165.65	190.91	
145.00		298.09	142.50	13.29	1.30	
146.00	Appurtenance(s)	3420.3	145.50	152.50	179.06	
	Totals:	**41,249.6**		**1,839.2**	**583.1**	**Total Wind:** **33,602.4**

Calculated Forces

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 28	

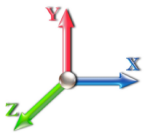
Load Case:	1.2D + 1.0Ev + 1.0Eh							**Iterations**	23
Gust Response Factor	1.10			**Sds**	0.22			**Ss**	0.21
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.09			**S1**	0.06
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.28	**SA**	0.02	**Seismic Importance Factor**			1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-50.08	-0.59	0.00	-79.01	0.00	79.01	4626.62	1110.33	4197.36	4329.86		0.00	0.00	0.029
5.00	-48.65	-0.59	0.00	-76.08	0.00	76.08	4552.64	1086.34	4017.91	4167.68		0.00	-0.01	0.029
10.00	-47.09	-0.60	0.00	-73.13	0.00	73.13	4477.51	1062.35	3842.39	4007.50		0.01	-0.01	0.029
15.00	-45.56	-0.60	0.00	-70.14	0.00	70.14	4395.69	1038.35	3670.78	3844.53		0.03	-0.02	0.029
20.00	-44.06	-0.61	0.00	-67.14	0.00	67.14	4294.12	1014.36	3503.09	3668.02		0.06	-0.03	0.029
25.00	-42.58	-0.61	0.00	-64.11	0.00	64.11	4192.55	990.37	3339.33	3495.66		0.09	-0.04	0.028
30.00	-41.14	-0.61	0.00	-61.06	0.00	61.06	4090.97	966.37	3179.48	3327.46		0.13	-0.04	0.028
35.00	-39.73	-0.62	0.00	-57.99	0.00	57.99	3989.40	942.38	3023.55	3163.39		0.18	-0.05	0.028
40.00	-38.34	-0.62	0.00	-54.91	0.00	54.91	3887.82	918.38	2871.55	3003.48		0.24	-0.06	0.028
43.34	-37.43	-0.62	0.00	-52.84	0.00	52.84	3820.04	902.37	2772.29	2899.07		0.28	-0.06	0.028
45.00	-36.67	-0.62	0.00	-51.81	0.00	51.81	3786.25	894.39	2723.46	2847.71		0.30	-0.07	0.028
48.67	-35.00	-0.62	0.00	-49.53	0.00	49.53	3251.53	768.50	2345.84	2455.72		0.36	-0.07	0.031
50.00	-34.69	-0.62	0.00	-48.71	0.00	48.71	3230.14	763.02	2312.56	2422.02		0.38	-0.07	0.031
55.00	-33.51	-0.62	0.00	-45.60	0.00	45.60	3143.08	742.46	2189.57	2292.57		0.46	-0.08	0.031
60.00	-32.37	-0.62	0.00	-42.48	0.00	42.48	3056.01	721.89	2069.95	2166.68		0.55	-0.09	0.030
65.00	-31.25	-0.63	0.00	-39.36	0.00	39.36	2968.95	701.33	1953.69	2044.34		0.66	-0.10	0.030
70.00	-30.15	-0.63	0.00	-36.23	0.00	36.23	2881.88	680.76	1840.78	1925.55		0.77	-0.11	0.029
75.00	-29.08	-0.63	0.00	-33.10	0.00	33.10	2794.82	660.19	1731.24	1810.32		0.89	-0.12	0.029
80.00	-28.03	-0.62	0.00	-29.98	0.00	29.98	2707.76	639.63	1625.06	1698.65		1.02	-0.13	0.028
85.00	-27.01	-0.62	0.00	-26.85	0.00	26.85	2620.69	619.06	1522.24	1590.53		1.17	-0.14	0.027
87.83	-26.44	-0.62	0.00	-25.09	0.00	25.09	2571.36	607.41	1465.46	1530.84		1.25	-0.15	0.027
88.00	-22.25	-0.55	0.00	-24.99	0.00	24.99	2568.45	606.72	1462.16	1527.37		1.26	-0.15	0.025
90.00	-21.63	-0.55	0.00	-23.90	0.00	23.90	2533.63	598.50	1422.77	1485.97		1.32	-0.15	0.025
92.17	-20.96	-0.54	0.00	-22.71	0.00	22.71	2130.58	503.29	1207.33	1263.80		1.39	-0.15	0.028
95.00	-20.51	-0.54	0.00	-21.17	0.00	21.17	2089.47	493.57	1161.19	1215.24		1.48	-0.16	0.027
98.00	-17.07	-0.48	0.00	-19.54	0.00	19.54	2045.93	483.29	1113.31	1164.86		1.58	-0.17	0.025
100.00	-16.76	-0.48	0.00	-18.58	0.00	18.58	2016.91	476.44	1081.95	1131.87		1.65	-0.17	0.025
105.00	-16.00	-0.48	0.00	-16.16	0.00	16.16	1944.36	459.30	1005.51	1051.46		1.83	-0.18	0.024
109.00	-13.24	-0.43	0.00	-14.24	0.00	14.24	1886.32	445.59	946.37	989.26		1.99	-0.19	0.021
110.00	-13.10	-0.43	0.00	-13.80	0.00	13.80	1871.81	442.16	931.87	974.01		2.03	-0.19	0.021
115.00	-12.39	-0.43	0.00	-11.64	0.00	11.64	1799.25	425.02	861.03	899.53		2.23	-0.20	0.020
120.00	-11.70	-0.42	0.00	-9.50	0.00	9.50	1726.70	407.88	792.99	828.00		2.44	-0.21	0.018
124.00	-10.97	-0.42	0.00	-7.80	0.00	7.80	1668.66	394.17	740.57	772.92		2.61	-0.21	0.017
125.00	-10.84	-0.42	0.00	-7.38	0.00	7.38	1654.15	390.74	727.75	759.45		2.66	-0.21	0.016
130.00	-10.20	-0.41	0.00	-5.29	0.00	5.29	1581.59	373.60	665.31	693.85		2.88	-0.22	0.014
133.37	-9.77	-0.41	0.00	-3.90	0.00	3.90	1532.65	362.04	624.76	651.27		3.04	-0.22	0.012
135.00	-9.49	-0.41	0.00	-3.23	0.00	3.23	1509.04	356.47	605.67	631.22		3.12	-0.22	0.011
136.62	-9.20	-0.41	0.00	-2.57	0.00	2.57	885.20	215.76	369.83	375.82		3.19	-0.23	0.017
140.00	-4.60	-0.20	0.00	-1.19	0.00	1.19	864.59	208.82	346.40	355.15		3.35	-0.23	0.009
145.00	-4.25	-0.20	0.00	-0.20	0.00	0.20	833.10	198.54	313.13	325.20		3.59	-0.23	0.006
146.00	0.00	-0.18	0.00	0.00	0.00	0.00	826.66	196.48	306.67	319.32		3.64	-0.23	0.000

Seismic Segment Forces (Factored)

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jackson Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 29	

Load Case: 0.9D + 1.0Ev + 1.0Eh



Gust Response Factor	1.10			**Sds**	0.22	**Iterations**	23
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.09	**Ss**	0.21
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.28	**SA**	0.02	**S1**	0.06
						Seismic Importance Factor	1.00

Top Elev (ft)	Description	Wz (lb)	Hz (lb)	Vertical Ev (lb)	Lateral Fs (lb)	R: 1.50
0.00		0.00	0.00	0.00	0.00	
5.00		1140.3	2.50	50.84	0.01	
10.00		1230.4	7.50	54.86	0.06	
15.00		1207.1	12.50	53.82	0.17	
20.00		1183.8	17.50	52.79	0.32	
25.00		1160.6	22.50	51.75	0.50	
30.00		1137.3	27.50	50.71	0.72	
35.00		1114.1	32.50	49.67	0.97	
40.00		1090.8	37.50	48.64	1.24	
43.34	Bot - Section 2	715.01	41.67	31.88	0.66	
45.00		606.38	44.17	27.04	0.53	
48.67	Top - Section 1	1321.0	46.84	58.90	2.83	
50.00		247.71	49.34	11.04	0.11	
55.00		918.63	52.50	40.96	1.72	
60.00		898.69	57.50	40.07	1.98	
65.00		878.75	62.50	39.18	2.23	
70.00		858.81	67.50	38.29	2.49	
75.00		838.87	72.50	37.40	2.74	
80.00		818.94	77.50	36.51	2.98	
85.00		799.00	82.50	35.62	3.21	
87.83	Bot - Section 3	443.92	86.42	19.79	1.09	
88.00	Appurtenance(s)	3367.7	87.92	150.15	64.85	
90.00		491.76	89.00	21.93	1.42	
92.17	Top - Section 2	526.14	91.08	23.46	1.70	
95.00		356.98	93.58	15.92	0.83	
98.00	Appurtenance(s)	2746.1	96.50	122.44	51.95	
100.00		242.99	99.00	10.83	0.43	
105.00		595.83	102.50	26.57	2.76	
109.00	Appurtenance(s)	2203.7	107.00	98.26	41.13	
110.00		112.50	109.50	5.02	0.11	
115.00		552.52	112.50	24.64	2.86	
120.00		535.91	117.50	23.89	2.93	
124.00	Appurtenance(s)	573.76	122.00	25.58	3.62	
125.00		102.53	124.50	4.57	0.12	
130.00		502.68	127.50	22.41	3.04	
133.37	Bot - Section 4	329.75	131.69	14.70	1.39	
135.00		225.94	134.19	10.07	0.68	
136.62	Top - Section 3	222.67	135.81	9.93	0.68	
140.00	Appurtenance(s)	3685.5	138.31	164.33	192.22	
145.00		272.93	142.50	12.17	1.12	
146.00	Appurtenance(s)	3415.3	145.50	152.28	182.67	
	Totals:	**39,673.8**		**1,768.9**	**583.1**	**Total Wind:** **33,602.4**

Calculated Forces

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 30	

Load Case:	0.9D + 1.0Ev + 1.0Eh							**Iterations**	23
Gust Response Factor	1.10			**Sds**	0.22			**Ss**	0.21
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.09			**S1**	0.06
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.28	**SA**	0.02	**Seismic Importance Factor**			1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-37.95	-0.58	0.00	-77.71	0.00	77.71	4626.62	1110.33	4197.36	4329.86		0.00	0.00	0.026
5.00	-36.86	-0.59	0.00	-74.79	0.00	74.79	4552.64	1086.34	4017.91	4167.68		0.00	-0.01	0.026
10.00	-35.68	-0.59	0.00	-71.84	0.00	71.84	4477.51	1062.35	3842.39	4007.50		0.01	-0.01	0.026
15.00	-34.52	-0.60	0.00	-68.88	0.00	68.88	4395.69	1038.35	3670.78	3844.53		0.03	-0.02	0.026
20.00	-33.39	-0.60	0.00	-65.90	0.00	65.90	4294.12	1014.36	3503.09	3668.02		0.06	-0.03	0.026
25.00	-32.27	-0.60	0.00	-62.90	0.00	62.90	4192.55	990.37	3339.33	3495.66		0.09	-0.03	0.026
30.00	-31.18	-0.61	0.00	-59.89	0.00	59.89	4090.97	966.37	3179.48	3327.46		0.13	-0.04	0.026
35.00	-30.11	-0.61	0.00	-56.86	0.00	56.86	3989.40	942.38	3023.55	3163.39		0.18	-0.05	0.026
40.00	-29.06	-0.61	0.00	-53.82	0.00	53.82	3887.82	918.38	2871.55	3003.48		0.23	-0.06	0.025
43.34	-28.37	-0.61	0.00	-51.79	0.00	51.79	3820.04	902.37	2772.29	2899.07		0.27	-0.06	0.025
45.00	-27.79	-0.61	0.00	-50.78	0.00	50.78	3786.25	894.39	2723.46	2847.71		0.30	-0.07	0.025
48.67	-26.53	-0.61	0.00	-48.54	0.00	48.54	3251.53	768.50	2345.84	2455.72		0.35	-0.07	0.028
50.00	-26.29	-0.61	0.00	-47.73	0.00	47.73	3230.14	763.02	2312.56	2422.02		0.37	-0.07	0.028
55.00	-25.40	-0.61	0.00	-44.68	0.00	44.68	3143.08	742.46	2189.57	2292.57		0.45	-0.08	0.028
60.00	-24.53	-0.61	0.00	-41.62	0.00	41.62	3056.01	721.89	2069.95	2166.68		0.54	-0.09	0.027
65.00	-23.68	-0.61	0.00	-38.56	0.00	38.56	2968.95	701.33	1953.69	2044.34		0.64	-0.10	0.027
70.00	-22.85	-0.61	0.00	-35.50	0.00	35.50	2881.88	680.76	1840.78	1925.55		0.75	-0.11	0.026
75.00	-22.04	-0.61	0.00	-32.45	0.00	32.45	2794.82	660.19	1731.24	1810.32		0.87	-0.12	0.026
80.00	-21.25	-0.61	0.00	-29.39	0.00	29.39	2707.76	639.63	1625.06	1698.65		1.00	-0.13	0.025
85.00	-20.48	-0.61	0.00	-26.34	0.00	26.34	2620.69	619.06	1522.24	1590.53		1.14	-0.14	0.024
87.83	-20.05	-0.61	0.00	-24.62	0.00	24.62	2571.36	607.41	1465.46	1530.84		1.23	-0.14	0.024
88.00	-16.87	-0.53	0.00	-24.52	0.00	24.52	2568.45	606.72	1462.16	1527.37		1.23	-0.14	0.023
90.00	-16.40	-0.53	0.00	-23.45	0.00	23.45	2533.63	598.50	1422.77	1485.97		1.29	-0.15	0.022
92.17	-15.89	-0.53	0.00	-22.30	0.00	22.30	2130.58	503.29	1207.33	1263.80		1.36	-0.15	0.025
95.00	-15.55	-0.53	0.00	-20.80	0.00	20.80	2089.47	493.57	1161.19	1215.24		1.45	-0.16	0.025
98.00	-12.94	-0.47	0.00	-19.21	0.00	19.21	2045.93	483.29	1113.31	1164.86		1.55	-0.16	0.023
100.00	-12.71	-0.47	0.00	-18.26	0.00	18.26	2016.91	476.44	1081.95	1131.87		1.62	-0.17	0.022
105.00	-12.13	-0.47	0.00	-15.90	0.00	15.90	1944.36	459.30	1005.51	1051.46		1.80	-0.18	0.021
109.00	-10.04	-0.42	0.00	-14.02	0.00	14.02	1886.32	445.59	946.37	989.26		1.95	-0.18	0.019
110.00	-9.93	-0.42	0.00	-13.60	0.00	13.60	1871.81	442.16	931.87	974.01		1.99	-0.18	0.019
115.00	-9.39	-0.42	0.00	-11.48	0.00	11.48	1799.25	425.02	861.03	899.53		2.19	-0.19	0.018
120.00	-8.87	-0.42	0.00	-9.37	0.00	9.37	1726.70	407.88	792.99	828.00		2.39	-0.20	0.016
124.00	-8.32	-0.41	0.00	-7.71	0.00	7.71	1668.66	394.17	740.57	772.92		2.56	-0.21	0.015
125.00	-8.22	-0.41	0.00	-7.29	0.00	7.29	1654.15	390.74	727.75	759.45		2.61	-0.21	0.015
130.00	-7.73	-0.41	0.00	-5.23	0.00	5.23	1581.59	373.60	665.31	693.85		2.83	-0.22	0.012
133.37	-7.41	-0.41	0.00	-3.86	0.00	3.86	1532.65	362.04	624.76	651.27		2.98	-0.22	0.011
135.00	-7.20	-0.40	0.00	-3.20	0.00	3.20	1509.04	356.47	605.67	631.22		3.06	-0.22	0.010
136.62	-6.98	-0.40	0.00	-2.54	0.00	2.54	885.20	215.76	369.83	375.82		3.13	-0.22	0.015
140.00	-3.49	-0.20	0.00	-1.18	0.00	1.18	864.59	208.82	346.40	355.15		3.29	-0.22	0.007
145.00	-3.23	-0.20	0.00	-0.20	0.00	0.20	833.10	198.54	313.13	325.20		3.53	-0.22	0.004
146.00	0.00	-0.18	0.00	0.00	0.00	0.00	826.66	196.48	306.67	319.32		3.57	-0.22	0.000

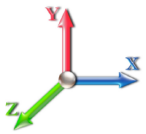
Wind Loading - Shaft

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 31	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 25

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	6.601	7.26	214.39	0.630	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	6.601	7.26	209.80	0.630	0.000	5.00	19.254	12.13	88.1	0.0	1064.8
10.00		1.00	0.85	6.601	7.26	205.21	0.630	0.000	5.00	18.837	11.87	86.2	0.0	1041.5
15.00		1.00	0.85	6.601	7.26	200.62	0.630	0.000	5.00	18.421	11.61	84.3	0.0	1018.3
20.00		1.00	0.90	7.004	7.70	201.93	0.630	0.000	5.00	18.004	11.34	87.4	0.0	995.0
25.00		1.00	0.95	7.341	8.07	201.89	0.630	0.000	5.00	17.588	11.08	89.5	0.0	971.7
30.00		1.00	0.98	7.628	8.39	200.87	0.630	0.000	5.00	17.171	10.82	90.8	0.0	948.5
35.00		1.00	1.01	7.880	8.67	199.14	0.630	0.000	5.00	16.755	10.56	91.5	0.0	925.2
40.00		1.00	1.04	8.104	8.91	196.87	0.630	0.000	5.00	16.338	10.29	91.8	0.0	902.0
43.34	Bot - Section 2	1.00	1.06	8.242	9.07	195.12	0.630	0.000	3.34	10.671	6.72	61.0	0.0	589.0
45.00		1.00	1.07	8.308	9.14	194.18	0.630	0.000	1.66	5.356	3.37	30.8	0.0	543.5
48.67	Top - Section 1	1.00	1.09	8.446	9.29	191.98	0.630	0.000	3.67	11.654	7.34	68.2	0.0	1182.4
50.00		1.00	1.09	8.494	9.34	195.11	0.630	0.000	1.33	4.168	2.63	24.5	0.0	197.5
55.00		1.00	1.12	8.666	9.53	191.82	0.630	0.000	5.00	15.406	9.71	92.5	0.0	729.7
60.00		1.00	1.14	8.826	9.71	188.27	0.630	0.000	5.00	14.989	9.44	91.7	0.0	709.8
65.00		1.00	1.16	8.976	9.87	184.52	0.630	0.000	5.00	14.572	9.18	90.7	0.0	689.9
70.00		1.00	1.17	9.118	10.03	180.57	0.630	0.000	5.00	14.156	8.92	89.4	0.0	669.9
75.00		1.00	1.19	9.251	10.18	176.45	0.630	0.000	5.00	13.739	8.66	88.1	0.0	650.0
80.00		1.00	1.21	9.378	10.32	172.19	0.630	0.000	5.00	13.323	8.39	86.6	0.0	630.1
85.00		1.00	1.22	9.498	10.45	167.78	0.630	0.000	5.00	12.906	8.13	84.9	0.0	610.1
87.83	Bot - Section 3	1.00	1.23	9.564	10.52	165.23	0.630	0.000	2.83	7.129	4.49	47.2	0.0	336.9
88.00	Appurtenance(s)	1.00	1.23	9.568	10.52	165.08	0.630	0.000	0.17	0.424	0.27	2.8	0.0	36.4
90.00		1.00	1.24	9.613	10.57	163.26	0.630	0.000	2.00	5.052	3.18	33.7	0.0	433.1
92.17	Top - Section 2	1.00	1.24	9.661	10.63	161.26	0.630	0.000	2.17	5.397	3.40	36.1	0.0	462.5
95.00		1.00	1.25	9.723	10.70	162.16	0.630	0.000	2.83	6.940	4.37	46.8	0.0	273.8
98.00	Appurtenance(s)	1.00	1.26	9.787	10.77	159.33	0.630	0.000	3.00	7.203	4.54	48.8	0.0	284.1
100.00		1.00	1.27	9.829	10.81	157.43	0.630	0.000	2.00	4.718	2.97	32.1	0.0	186.1
105.00		1.00	1.28	9.930	10.92	152.62	0.630	0.000	5.00	11.504	7.25	79.2	0.0	453.6
109.00	Appurtenance(s)	1.00	1.29	10.009	11.01	148.70	0.630	0.000	4.00	8.904	5.61	61.8	0.0	350.9
110.00		1.00	1.29	10.028	11.03	147.71	0.630	0.000	1.00	2.184	1.38	15.2	0.0	86.1
115.00		1.00	1.30	10.122	11.13	142.72	0.630	0.000	5.00	10.671	6.72	74.9	0.0	420.3
120.00		1.00	1.32	10.213	11.23	137.65	0.630	0.000	5.00	10.255	6.46	72.6	0.0	403.7
124.00	Appurtenance(s)	1.00	1.32	10.284	11.31	133.55	0.630	0.000	4.00	7.904	4.98	56.3	0.0	311.0
125.00		1.00	1.33	10.301	11.33	132.51	0.630	0.000	1.00	1.934	1.22	13.8	0.0	76.1
130.00		1.00	1.34	10.387	11.43	127.31	0.630	0.000	5.00	9.421	5.94	67.8	0.0	370.5
133.37	Bot - Section 4	1.00	1.34	10.443	11.49	123.76	0.630	0.000	3.37	6.121	3.86	44.3	0.0	240.6
135.00		1.00	1.35	10.470	11.52	122.03	0.630	0.000	1.63	2.935	1.85	21.3	0.0	182.9
136.62	Top - Section 3	1.00	1.35	10.496	11.55	120.31	0.630	0.000	1.62	2.886	1.82	21.0	0.0	179.8
140.00	Appurtenance(s)	1.00	1.36	10.550	11.61	118.91	0.630	0.000	3.38	5.861	3.69	42.9	0.0	139.0
145.00		1.00	1.37	10.628	11.69	113.53	0.630	0.000	5.00	8.330	5.25	61.4	0.0	197.5
146.00	Appurtenance(s)	1.00	1.37	10.644	11.71	112.44	0.630	0.000	1.00	1.616	1.02	11.9	0.0	38.3
								Totals:	**146.00**			**2,409.6**		**20,532.0**

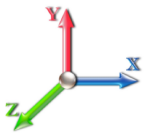
Discrete Appurtenance Forces

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 32	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 25

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	146.00	Ericsson RRUS-32 RRU	3	10.704	11.775	0.54	0.80	5.32	231.00	0.000	4.000	62.67	0.00	250.69
2	146.00	CCI HPA-65R-BUU-H8	9	10.704	11.775	0.71	0.90	83.06	612.00	0.000	4.000	978.01	0.00	3912.02
3	146.00	Powerwave LGP21401	6	10.704	11.775	0.54	0.80	3.47	114.00	0.000	4.000	40.90	0.00	163.59
4	146.00	Powerwave LGP219003	6	10.704	11.775	0.54	0.80	1.19	39.00	0.000	4.000	14.01	0.00	56.04
5	146.00	Powerwave 7020.00 RET	6	10.704	11.775	0.54	0.80	0.45	6.96	0.000	4.000	5.30	0.00	21.21
6	146.00	Ericsson RRUS-11 RRU	3	10.704	11.775	0.54	0.80	4.13	150.00	0.000	4.000	48.66	0.00	194.64
7	146.00	mount pipe	12	10.644	11.708	1.00	1.00	14.52	360.00	0.000	0.000	170.00	0.00	0.00
8	146.00	Raycap DC-6-48-60-18-8F	2	10.704	11.775	0.72	0.80	2.74	40.00	0.000	4.000	32.22	0.00	128.86
9	146.00	Platform w/ Hand Rails	1	10.644	11.708	1.00	1.00	32.89	1600.00	0.000	0.000	385.08	0.00	0.00
10	146.00	Beacon	1	10.644	11.708	1.00	1.00	2.40	15.00	0.000	0.000	28.10	0.00	0.00
11	146.00	Lightning Rod	1	10.697	11.767	1.00	1.00	1.05	35.00	0.000	3.500	12.35	0.00	43.24
12	146.00	Ericsson RRUS 32 B2	3	10.704	11.775	0.54	0.80	4.41	159.00	0.000	4.000	51.88	0.00	207.52
13	140.00	Samsung B2/B66A	3	10.550	11.605	0.50	0.75	2.83	291.00	0.000	0.000	32.89	0.00	0.00
14	140.00	Antel LPA-80063/4CF	6	10.550	11.605	0.70	0.75	25.97	120.00	0.000	0.000	301.41	0.00	0.00
15	140.00	Samsung MT6407-77A	3	10.550	11.605	0.52	0.75	7.39	238.20	0.000	0.000	85.72	0.00	0.00
16	140.00	Commscope	3	10.550	11.605	0.38	0.75	0.60	17.85	0.000	0.000	6.92	0.00	0.00
17	140.00	Low Profile Platform	1	10.550	11.605	1.00	1.00	14.69	1250.00	0.000	0.000	170.48	0.00	0.00
18	140.00	Samsung B5/B13	3	10.550	11.605	0.50	0.75	2.83	210.93	0.000	0.000	32.89	0.00	0.00
19	140.00	Raycap	2	10.550	11.605	0.68	0.75	3.40	84.00	0.000	0.000	39.48	0.00	0.00
20	140.00	Commscope	3	10.550	11.605	0.38	0.75	0.10	202.20	0.000	0.000	1.18	0.00	0.00
21	140.00	Support Rail Kit (SitePro1	1	10.585	11.644	1.00	1.00	6.75	261.72	0.000	2.250	78.60	0.00	176.84
22	140.00	Andrew JAHH-65B-R3B	6	10.550	11.605	0.62	0.75	33.99	386.22	0.000	0.000	394.44	0.00	0.00
23	140.00	Kaelus KA-6030 Filter	2	10.550	11.605	0.68	0.75	1.30	35.20	0.000	0.000	15.04	0.00	0.00
24	140.00	mount pipe	12	10.550	11.605	0.60	0.75	9.79	360.00	0.000	0.000	113.64	0.00	0.00
25	124.00	Pipe Mount	1	10.284	11.312	1.00	1.00	4.31	87.00	0.000	0.000	48.76	0.00	0.00
26	124.00	dbSpectra	1	10.440	11.483	1.00	1.00	5.50	70.00	1.071	9.170	63.16	67.66	579.17
27	109.00	Airmux	1	10.009	11.009	1.00	1.00	1.83	7.00	0.000	0.000	20.15	0.00	0.00
28	109.00	Celwave PD1142-66	1	10.184	11.203	1.00	1.00	1.57	16.00	0.000	9.400	17.59	0.00	165.33
29	109.00	Telewave ANT450F6	1	10.083	11.091	1.00	1.00	1.86	21.00	0.000	3.917	20.63	0.00	80.80
30	109.00	mount pipe	12	10.009	11.009	0.80	0.80	9.79	360.00	0.000	0.000	107.80	0.00	0.00
31	109.00	Low Pro Platform	1	10.009	11.009	1.00	1.00	24.56	1335.00	0.000	0.000	270.39	0.00	0.00
32	98.00	Fujitsu TA08025-B605	3	9.787	10.766	0.50	0.75	2.95	224.85	0.000	0.000	31.81	0.00	0.00
33	98.00	Fujitsu TA08025-B604	3	9.787	10.766	0.50	0.75	2.95	191.79	0.000	0.000	31.81	0.00	0.00
34	98.00	JMA Wireless	3	9.787	10.766	0.55	0.75	20.80	193.50	0.000	0.000	223.88	0.00	0.00
35	98.00	Platform w/HRK (Sitepro1	1	9.787	10.766	1.00	1.00	17.63	1472.00	0.000	0.000	189.80	0.00	0.00
36	98.00	Raycap	1	9.787	10.766	0.75	0.75	1.51	21.85	0.000	0.000	16.23	0.00	0.00
37	98.00	mount pipe	9	9.787	10.766	0.60	0.75	8.86	270.00	0.000	0.000	95.34	0.00	0.00
38	88.00	Platform w/ Handrail	1	9.568	10.524	1.00	1.00	22.27	1945.00	0.000	0.000	234.38	0.00	0.00
39	88.00	mount pipe	12	9.568	10.524	0.60	0.75	10.87	360.00	0.000	0.000	114.42	0.00	0.00
40	88.00	Ericsson 4449 B71+B12	3	9.568	10.524	0.50	0.75	1.81	222.00	0.000	0.000	19.04	0.00	0.00
41	88.00	Ericsson KRY 112 144/1	3	9.568	10.524	0.50	0.75	0.53	33.06	0.000	0.000	5.55	0.00	0.00
42	88.00	Ericsson Air 32	3	9.568	10.524	0.65	0.75	12.60	396.60	0.000	0.000	132.57	0.00	0.00
43	88.00	RFS	3	9.568	10.524	0.54	0.75	32.79	368.40	0.000	0.000	345.08	0.00	0.00
							Totals:		**14,414.33**			**5,090.23**		

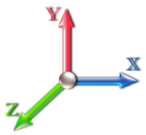
Total Applied Force Summary

Structure:	CT46135-A		**Code:**	TIA-222-H	7/25/2023
Site Name:	Middlefield-jackson Hill Rd		**Exposure:**	C	
Height:	146.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 33

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 25

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		89.54	1148.73	0.00	0.00
10.00		89.84	1251.39	0.00	0.00
15.00		87.93	1228.13	0.00	0.00
20.00		91.28	1204.87	0.00	0.00
25.00		93.55	1181.61	0.00	0.00
30.00		95.01	1158.35	0.00	0.00
35.00		95.87	1135.09	0.00	0.00
40.00		96.26	1111.82	0.00	0.00
43.34		64.01	729.02	0.00	0.00
45.00		32.37	613.36	0.00	0.00
48.67		71.66	1336.42	0.00	0.00
50.00		25.79	253.29	0.00	0.00
55.00		97.34	939.61	0.00	0.00
60.00		96.59	919.67	0.00	0.00
65.00		95.64	899.74	0.00	0.00
70.00		94.51	879.80	0.00	0.00
75.00		93.22	859.86	0.00	0.00
80.00		91.79	839.92	0.00	0.00
85.00		90.23	819.98	0.00	0.00
87.83		50.26	455.81	0.00	0.00
88.00	(25) attachments	854.03	3368.41	0.00	0.00
90.00		35.79	498.28	0.00	0.00
92.17		38.46	533.20	0.00	0.00
95.00		49.82	366.22	0.00	0.00
98.00	(20) attachments	640.97	2755.94	0.00	0.00
100.00		34.32	249.31	0.00	0.00
105.00		84.68	611.64	0.00	0.00
109.00	(16) attachments	502.76	2216.35	0.00	246.13
110.00		16.29	115.44	0.00	0.00
115.00		80.48	567.21	0.00	0.00
120.00		78.25	550.59	0.00	0.00
124.00	(2) attachments	172.81	585.51	67.66	579.17
125.00		14.95	105.47	0.00	0.00
130.00		73.59	517.36	0.00	0.00
133.37		48.21	339.66	0.00	0.00
135.00		23.19	230.72	0.00	0.00
136.62		22.88	227.44	0.00	0.00
140.00	(45) attachments	1319.49	3695.49	0.00	176.84
145.00		67.26	281.32	0.00	0.00
146.00	(53) attachments	1842.27	3417.03	0.00	4977.81
	Totals:	**7,643.18**	**40,199.06**	**67.66**	**5,979.95**

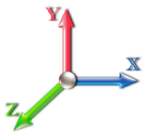
Linear Appurtenance Segment Forces (Factored)

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 34	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	6.601	0.55	0.55
5.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	6.601	0.91	2.08
10.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	6.601	1.38	1.37
10.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	6.601	2.29	5.20
15.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	6.601	1.38	1.37
15.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	6.601	2.29	5.20
20.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	7.004	1.46	1.37
20.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	7.004	2.43	5.20
25.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	7.341	1.53	1.37
25.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	7.341	2.54	5.20
30.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	7.628	1.59	1.37
30.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	7.628	2.64	5.20
35.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	7.880	1.65	1.37
35.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	7.880	2.73	5.20
40.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	8.104	1.69	1.37
40.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	8.104	2.81	5.20
43.34	Safety Cable	Yes	3.34	1.200	0.38	0.11	0.13	0.000	0.000	8.242	1.15	0.91
43.34	Step bolts (ladder)	Yes	3.34	1.200	0.63	0.18	0.21	0.000	0.000	8.242	1.91	3.47
45.00	Safety Cable	Yes	1.66	1.200	0.38	0.05	0.06	0.000	0.000	8.308	0.58	0.45
45.00	Step bolts (ladder)	Yes	1.66	1.200	0.63	0.09	0.10	0.000	0.000	8.308	0.96	1.73
48.67	Safety Cable	Yes	3.67	1.200	0.38	0.12	0.14	0.000	0.000	8.446	1.30	1.00
48.67	Step bolts (ladder)	Yes	3.67	1.200	0.63	0.19	0.23	0.000	0.000	8.446	2.15	3.82
50.00	Safety Cable	Yes	1.33	1.200	0.38	0.04	0.05	0.000	0.000	8.494	0.47	0.36
50.00	Step bolts (ladder)	Yes	1.33	1.200	0.63	0.07	0.08	0.000	0.000	8.494	0.78	1.38
55.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	8.666	1.81	1.37
55.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	8.666	3.00	5.20
60.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	8.826	1.84	1.37
60.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	8.826	3.06	5.20
65.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	8.976	1.88	1.37
65.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	8.976	3.11	5.20
70.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	9.118	1.91	1.37
70.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	9.118	3.16	5.20
75.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	9.251	1.93	1.37
75.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	9.251	3.21	5.20
80.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	9.378	1.96	1.37
80.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	9.378	3.25	5.20
85.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	9.498	1.99	1.37
85.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	9.498	3.29	5.20
87.83	Safety Cable	Yes	2.83	1.200	0.38	0.09	0.11	0.000	0.000	9.564	1.13	0.77
87.83	Step bolts (ladder)	Yes	2.83	1.200	0.63	0.15	0.18	0.000	0.000	9.564	1.88	2.95
88.00	Safety Cable	Yes	0.17	1.200	0.38	0.01	0.01	0.000	0.000	9.568	0.07	0.05
88.00	Step bolts (ladder)	Yes	0.17	1.200	0.63	0.01	0.01	0.000	0.000	9.568	0.11	0.17
90.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	9.613	0.80	0.55
90.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	9.613	1.33	2.08
92.17	Safety Cable	Yes	2.17	1.200	0.38	0.07	0.08	0.000	0.000	9.661	0.87	0.59
92.17	Step bolts (ladder)	Yes	2.17	1.200	0.63	0.11	0.14	0.000	0.000	9.661	1.45	2.25
95.00	Safety Cable	Yes	2.83	1.200	0.38	0.09	0.11	0.000	0.000	9.723	1.15	0.77

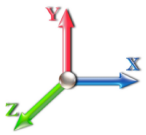
Linear Appurtenance Segment Forces (Factored)

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jacskon Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 35	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
95.00	Step bolts (ladder)	Yes	2.83	1.200	0.63	0.15	0.18	0.000	0.000	9.723	1.91	2.95
98.00	Safety Cable	Yes	3.00	1.200	0.38	0.10	0.11	0.000	0.000	9.787	1.23	0.82
98.00	Step bolts (ladder)	Yes	3.00	1.200	0.63	0.16	0.19	0.000	0.000	9.787	2.03	3.12
100.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	9.829	0.82	0.55
100.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	9.829	1.36	2.08
105.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	9.930	2.08	1.37
105.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	9.930	3.44	5.20
109.00	Safety Cable	Yes	4.00	1.200	0.38	0.13	0.15	0.000	0.000	10.009	1.67	1.09
109.00	Step bolts (ladder)	Yes	4.00	1.200	0.63	0.21	0.25	0.000	0.000	10.009	2.77	4.16
110.00	Safety Cable	Yes	1.00	1.200	0.38	0.03	0.04	0.000	0.000	10.028	0.42	0.27
110.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.05	0.06	0.000	0.000	10.028	0.69	1.04
115.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	10.122	2.12	1.37
115.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	10.122	3.51	5.20
120.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	10.213	2.13	1.37
120.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	10.213	3.54	5.20
124.00	Safety Cable	Yes	4.00	1.200	0.38	0.13	0.15	0.000	0.000	10.284	1.72	1.09
124.00	Step bolts (ladder)	Yes	4.00	1.200	0.63	0.21	0.25	0.000	0.000	10.284	2.85	4.16
125.00	Safety Cable	Yes	1.00	1.200	0.38	0.03	0.04	0.000	0.000	10.301	0.43	0.27
125.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.05	0.06	0.000	0.000	10.301	0.71	1.04
130.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	10.387	2.17	1.37
130.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	10.387	3.60	5.20
133.37	Safety Cable	Yes	3.37	1.200	0.38	0.11	0.13	0.000	0.000	10.443	1.47	0.92
133.37	Step bolts (ladder)	Yes	3.37	1.200	0.63	0.18	0.21	0.000	0.000	10.443	2.44	3.51
135.00	Safety Cable	Yes	1.63	1.200	0.38	0.05	0.06	0.000	0.000	10.470	0.71	0.44
135.00	Step bolts (ladder)	Yes	1.63	1.200	0.63	0.09	0.10	0.000	0.000	10.470	1.18	1.69
136.62	Safety Cable	Yes	1.62	1.200	0.38	0.05	0.06	0.000	0.000	10.496	0.71	0.44
136.62	Step bolts (ladder)	Yes	1.62	1.200	0.63	0.09	0.10	0.000	0.000	10.496	1.18	1.69
140.00	Safety Cable	Yes	3.38	1.200	0.38	0.11	0.13	0.000	0.000	10.550	1.49	0.92
140.00	Step bolts (ladder)	Yes	3.38	1.200	0.63	0.18	0.21	0.000	0.000	10.550	2.47	3.51
145.00	Safety Cable	Yes	5.00	1.200	0.38	0.16	0.19	0.000	0.000	10.628	2.22	1.37
145.00	Step bolts (ladder)	Yes	5.00	1.200	0.63	0.26	0.32	0.000	0.000	10.628	3.68	5.20
146.00	Safety Cable	Yes	1.00	1.200	0.38	0.03	0.04	0.000	0.000	10.644	0.44	0.27
146.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.05	0.06	0.000	0.000	10.644	0.74	1.04
									Totals:		**143.3**	**187.8**

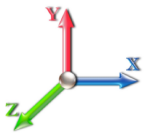
Calculated Forces

Structure:	CT46135-A	**Code:**	TIA-222-H	7/25/2023	
Site Name:	Middlefield-jackson Hill Rd	**Exposure:**	C		
Height:	146.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 36	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 25

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-40.19	-7.67	-0.07	-878.88	0.00	878.88	4626.62	1110.33	4197.36	4329.86	0.00	0.000	0.000	0.212
5.00	-39.04	-7.63	-0.07	-840.54	0.00	840.54	4552.64	1086.34	4017.91	4167.68	0.04	-0.074	0.000	0.210
10.00	-37.77	-7.59	-0.07	-802.40	0.00	802.40	4477.51	1062.35	3842.39	4007.50	0.16	-0.149	0.000	0.209
15.00	-36.54	-7.54	-0.07	-764.46	0.00	764.46	4395.69	1038.35	3670.78	3844.53	0.35	-0.226	0.000	0.207
20.00	-35.32	-7.50	-0.07	-726.74	0.00	726.74	4294.12	1014.36	3503.09	3668.02	0.63	-0.304	0.000	0.206
25.00	-34.13	-7.44	-0.07	-689.26	0.00	689.26	4192.55	990.37	3339.33	3495.66	0.99	-0.383	0.000	0.205
30.00	-32.96	-7.39	-0.07	-652.05	0.00	652.05	4090.97	966.37	3179.48	3327.46	1.44	-0.464	0.000	0.204
35.00	-31.82	-7.33	-0.07	-615.11	0.00	615.11	3989.40	942.38	3023.55	3163.39	1.97	-0.547	0.000	0.202
40.00	-30.70	-7.26	-0.07	-578.48	0.00	578.48	3887.82	918.38	2871.55	3003.48	2.58	-0.630	0.000	0.201
43.34	-29.96	-7.21	-0.07	-554.27	0.00	554.27	3820.04	902.37	2772.29	2899.07	3.05	-0.688	0.000	0.199
45.00	-29.35	-7.19	-0.07	-542.28	0.00	542.28	3786.25	894.39	2723.46	2847.71	3.29	-0.717	0.000	0.198
48.67	-28.00	-7.12	-0.07	-515.89	0.00	515.89	3251.53	768.50	2345.84	2455.72	3.87	-0.780	0.000	0.219
50.00	-27.74	-7.12	-0.07	-506.41	0.00	506.41	3230.14	763.02	2312.56	2422.02	4.09	-0.804	0.000	0.218
55.00	-26.79	-7.06	-0.07	-470.80	0.00	470.80	3143.08	742.46	2189.57	2292.57	4.98	-0.899	0.000	0.214
60.00	-25.86	-6.99	-0.07	-435.52	0.00	435.52	3056.01	721.89	2069.95	2166.68	5.97	-0.994	0.000	0.210
65.00	-24.96	-6.92	-0.07	-400.58	0.00	400.58	2968.95	701.33	1953.69	2044.34	7.07	-1.090	0.000	0.204
70.00	-24.07	-6.85	-0.07	-366.00	0.00	366.00	2881.88	680.76	1840.78	1925.55	8.26	-1.186	0.000	0.199
75.00	-23.20	-6.77	-0.07	-331.77	0.00	331.77	2794.82	660.19	1731.24	1810.32	9.55	-1.281	0.000	0.192
80.00	-22.35	-6.70	-0.07	-297.91	0.00	297.91	2707.76	639.63	1625.06	1698.65	10.95	-1.376	0.000	0.184
85.00	-21.52	-6.61	-0.07	-264.42	0.00	264.42	2620.69	619.06	1522.24	1590.53	12.44	-1.468	0.000	0.175
87.83	-21.07	-6.56	-0.07	-245.68	0.00	245.68	2571.36	607.41	1465.46	1530.84	13.32	-1.521	0.000	0.169
88.00	-17.72	-5.62	-0.07	-244.59	0.00	244.59	2568.45	606.72	1462.16	1527.37	13.38	-1.524	0.000	0.167
90.00	-17.22	-5.59	-0.07	-233.34	0.00	233.34	2533.63	598.50	1422.77	1485.97	14.02	-1.561	0.000	0.164
92.17	-16.68	-5.55	-0.07	-221.24	0.00	221.24	2130.58	503.29	1207.33	1263.80	14.74	-1.601	0.000	0.183
95.00	-16.31	-5.50	-0.07	-205.52	0.00	205.52	2089.47	493.57	1161.19	1215.24	15.71	-1.651	0.000	0.177
98.00	-13.57	-4.79	-0.07	-189.01	0.00	189.01	2045.93	483.29	1113.31	1164.86	16.76	-1.710	0.000	0.169
100.00	-13.32	-4.77	-0.07	-179.43	0.00	179.43	2016.91	476.44	1081.95	1131.87	17.49	-1.749	0.000	0.165
105.00	-12.70	-4.68	-0.07	-155.59	0.00	155.59	1944.36	459.30	1005.51	1051.46	19.37	-1.842	0.000	0.155
109.00	-10.50	-4.11	-0.07	-136.62	0.00	136.62	1886.32	445.59	946.37	989.26	20.94	-1.914	0.000	0.144
110.00	-10.38	-4.10	-0.07	-132.51	0.00	132.51	1871.81	442.16	931.87	974.01	21.35	-1.933	0.000	0.142
115.00	-9.81	-4.02	-0.07	-111.99	0.00	111.99	1799.25	425.02	861.03	899.53	23.42	-2.017	0.000	0.130
120.00	-9.26	-3.93	-0.07	-91.90	0.00	91.90	1726.70	407.88	792.99	828.00	25.57	-2.097	0.000	0.116
124.00	-8.68	-3.74	0.00	-75.60	0.00	75.60	1668.66	394.17	740.57	772.92	27.35	-2.156	-0.001	0.103
125.00	-8.57	-3.73	0.00	-71.86	0.00	71.86	1654.15	390.74	727.75	759.45	27.81	-2.171	-0.001	0.100
130.00	-8.05	-3.64	0.00	-53.22	0.00	53.22	1581.59	373.60	665.31	693.85	30.12	-2.233	-0.001	0.082
133.37	-7.72	-3.58	0.00	-40.93	0.00	40.93	1532.65	362.04	624.76	651.27	31.71	-2.270	-0.001	0.068
135.00	-7.49	-3.55	0.00	-35.10	0.00	35.10	1509.04	356.47	605.67	631.22	32.48	-2.285	-0.001	0.061
136.62	-7.26	-3.52	0.00	-29.33	0.00	29.33	885.20	215.76	369.83	375.82	33.26	-2.299	-0.001	0.087
140.00	-3.62	-2.06	0.00	-17.25	0.00	17.25	864.59	208.82	346.40	355.15	34.90	-2.321	-0.001	0.053
145.00	-3.34	-1.98	0.00	-6.96	0.00	6.96	833.10	198.54	313.13	325.20	37.34	-2.350	-0.001	0.026
146.00	0.00	-1.84	0.00	-4.98	0.00	4.98	826.66	196.48	306.67	319.32	37.84	-2.353	-0.001	0.016

Final Analysis Summary

Structure:	CT46135-A		**Code:**	TIA-222-H	7/25/2023
Site Name:	Middlefield-jacskon Hill Rd		**Exposure:**	C	
Height:	146.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 37

Reactions

Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)
1.2D + 1.0W 119 mph Wind	33.7	0.00	48.14	0.01	0.28	3895.18
0.9D + 1.0W 119 mph Wind	33.7	0.00	36.08	0.01	0.28	3823.75
1.2D + 1.0Di + 1.0Wi 50 mph Wind	9.7	0.00	40.94	0.00	0.09	1027.75
1.2D + 1.0Ev + 1.0Eh	0.6	0.00	50.08	0.00	0.00	79.01
0.9D + 1.0Ev + 1.0Eh	0.6	0.00	37.95	0.00	0.00	77.71
1.0D + 1.0W 60 mph Wind	7.7	0.00	40.19	0.00	0.07	878.88

Max Stresses

Load Case	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Elev (ft)	Stress Ratio
1.2D + 1.0W 119 mph Wind	-31.84	-31.63	-0.28	-2290.1	-0.02	-2290.1	3251.53	768.50	2345.84	2455.72	48.67	0.944
0.9D + 1.0W 119 mph Wind	-23.47	-31.08	-0.29	-2233.6	-0.01	-2233.6	3251.53	768.50	2345.84	2455.72	48.67	0.918
1.2D + 1.0Di + 1.0Wi 50 mph Wind	-40.94	-9.72	-0.09	-1027.7	0.00	-1027.7	4626.62	1110.3	4197.36	4329.86	0.00	0.246
1.2D + 1.0Ev + 1.0Eh	-35.00	-0.62	0.00	-49.53	0.00	-49.53	3251.53	768.50	2345.84	2455.72	48.67	0.031
0.9D + 1.0Ev + 1.0Eh	-26.53	-0.61	0.00	-48.54	0.00	-48.54	3251.53	768.50	2345.84	2455.72	48.67	0.028
1.0D + 1.0W 60 mph Wind	-28.00	-7.12	-0.07	-515.89	0.00	-515.89	3251.53	768.50	2345.84	2455.72	48.67	0.219

Base Plate Summary

Structure:	CT46135-A		**Code:**	TIA-222-H	7/25/2023
Site Name:	Middlefield-jacskon Hill Rd		**Exposure:**	C	
Height:	146.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 38

SBA

Reactions	
Original Design	
Moment (kip-ft):	2626.95
Axial (kip):	29.58
Shear (kip):	23.10
Analysis (1.2D + 1.0W)	
Moment (kip-ft):	3895.18
Axial (kip):	48.14
Shear (kip):	33.74

Base Plate	
Yield (ksi):	60.00
Width (in):	61.00
Style:	Round
Polygon Sides:	0.00
Clip Length (in):	0.00
Effective Len (in):	12.52
Moment (kip-in):	775.70
Allow Stress (ksi):	81.00
Applied Stress (ksi):	73.71
Stress Ratio:	0.91

Anchor Bolts	
Bolt Circle:	55.00
Number Bolts:	20.00
Bolt Type:	2.25" 18J
Bolt Diameter (in):	2.25
Yield (ksi):	75.00
Ultimate (ksi):	100.00
Arrangement:	Radial
Cluster Dist (in):	0.00
Start Angle (deg):	0.00
Compression	
Force (kip):	172.38
Allowable (kip):	268.39
Ratio:	0.64
Tension	
Force (kip):	167.56
Allowable (kip):	243.75
Ratio:	0.69

Monopole Mat Foundation Design

				Date
				7/20/2023
Customer Name:	T-Mobile	**TIA Standard:**	TIA-222-H	
Site Name:	Middlefield-Jackson Hill Rd	**Structure Height (Ft.):**	146	
Site Number:	CT46135-A	**Engineer Name:**	S. Berthomieux	
Engr. Number:		**Engineer Login ID:**		

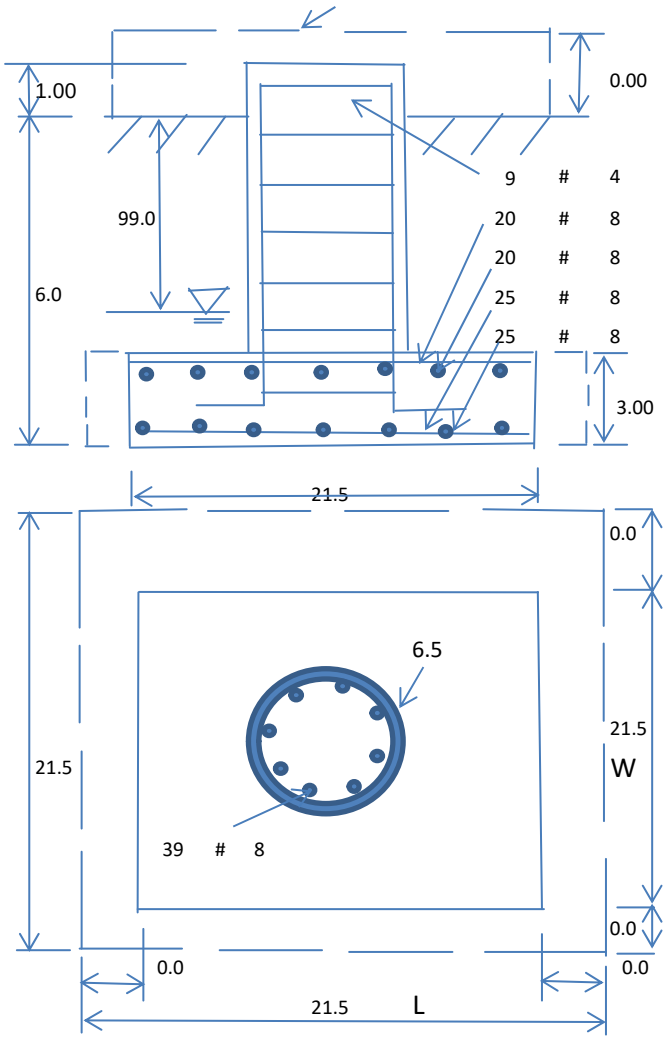
Foundation Info Obtained from:	Drawings/Calculations
Structure Type:	Monopole
Analysis or Design?	Analysis

Base Reactions (Factored):

Axial Load (Kips):	48.1	Shear Force (Kips):	33.7
Uplift Force (Kips):	0.0	Moment (Kips-ft):	3895.2
Allowable overstress %:	5.0%		

Foundation Geometries:

		Mods required -Yes/No ?:	No
Diameter of Pier (ft.):	6.5	Depth of Base BG (ft.):	6.0
Pier Height A. G. (ft.):	1.00	Thickness of Pad (ft):	3.00
Length of Pad (ft.):	21.5	Width of Pad (ft.):	21.5
Final Length of pad (ft)	21.5	Final width of pad (ft):	21.5



Material Properties and Reabr Info:

Concrete Strength (psi):	4000	Steel Elastic Modulus:	29000	ksi
Vertical bar yield (ksi)	60	Tie steel yield (ksi):	60	
Vertical Rebar Size #:	8	Tie / Stirrup Size #:	4	
Qty. of Vertical Rebars:	39	Tie Spacing (in):	10.5	
Pad Rebar Yield (Ksi):	60	Pad Steel Rebar Size (#):	8	
Concrete Cover (in.):	3	Unit Weight of Concrete:	150.0	pcf
Rebar at the bottom of the concrete pad:				
Qty. of Rebar in Pad (L):	25	Qty. of Rebar in Pad (W):	25	
Rebar at the top of the concrete pad:				
Qty. of Rebar in Pad (L):	20	Qty. of Rebar in Pad (W):	20	
Apply 1.35 factor for e/w Per G:	1.35			

Soil Design Parameters:

Soil Unit Weight (pcf):	110.0	Soil Buoyant Weight:	52.6	Pcf		
Water Table B.G.S. (ft):	99.0	Unit Weight of Water:	62.4	pcf	Angle from Top of Pad:	30
Ultimate Bearing Pressure (psf):	40000	Ultimate Skin Friction:	0	Psf	Angle from Bottm of Pad:	25
Consider Friction for O.T.M. (Y/N):	No	Consider Friction for bearing (Y/N):	No		Angle from Bottm of Pad:	25
Consider soil hor. resist. for OTM.:	Yes	Reduction factor on the maximum soil bearing pressure:			1.00	

Foundation Analysis and Design: Uplift Strength Reduction Factor: 0.75 Compression Strength Reduction Factor: 0.75

Total Dry Soil Volume (cu. Ft.):	1287.20	Total Dry Soil Weight (Kips):	141.59
Total Buoyant Soil Volume (cu. Ft.):	0.00	Total Buoyant Soil Weight (Kips):	0.00
Total Effective Soil Weight (Kips):	141.59	Weight from the Concrete Block at Top (K):	0.00
Total Dry Concrete Volume (cu. Ft.):	1519.48	Total Dry Concrete Weight (Kips):	227.92
Total Buoyant Concrete Volume (cu. Ft.):	0.00	Total Buoyant Concrete Weight (Kips):	0.00
Total Effective Concrete Weight (Kips):	227.92	Total Vertical Load on Base (Kips):	417.65

Check Soil Capacities:

					Load/ Capacity Ratio	
Calculated Maxium Net Soil Pressure under the base (psf):	5610	<	Allowable Factored Soil Bearing (psf):	30000	0.19	OK!
Allowable Foundation Overturning Resistance (kips-ft.):	4092.6	>	Design Factored Momont (kips-ft):	4011	0.98	OK!
Factor of Safety Against Overturning (O. R. Moment/Design Moment):	1.02	OK!				

Check the capacities of Reinforceing Concrete:

Strength reduction factor (Flexure and axial tension):	0.90		Strength reduction factor (Shear):	0.75		
Strength reduction factor (Axial compresion):	0.65		Wind Load Factor on Concrete Design:	1.00		
					Load/ Capacity Ratio	
(1) Concrete Pier:						
Vertical Steel Rebar Area (sq. in./each):	0.79		Tie / Stirrup Area (sq. in./each):	0.20		
Calculated Moment Capacity (Mn,Kips-Ft):	4696.7	>	Design Factored Moment (Mu, Kips-Ft	4030.0	0.86	OK!
Calculated Shear Capacity (Kips):	595.9	>	Design Factored Shear (Kips):	33.7	0.06	OK!
Calculated Tension Capacity (Tn, Kips):	1663.7	>	Design Factored Tension (Tu Kips):	0.0	0.00	OK!
Calculated Compression Capacity (Pn, Kips):	8393.7	>	Design Factored Axial Load (Pu Kips):	48.1	0.01	OK!
Moment & Axial Strength Combination:	0.86	OK!	Check Tie Spacing (Design/Required):		0.875	OK!
Pier Reinforcement Ratio:	0.006		Reinforcement Ratio is satisfied per ACI			
(2).Concrete Pad:						
One-Way Design Shear Capacity (L-Direction, Kips):	795.5	>	One-Way Factored Shear (L-D. Kips):	279.8	0.35	OK!
One-Way Design Shear Capacity (W-Direction, Kips):	795.5	>	One-Way Factored Shear (W-D., Kips):	279.8	0.35	OK!
One-Way Design Shear Capacity (Corner-Corner. Kips):	684.1	>	One-Way Factored Shear (C-C, Kips):	278.3	0.41	OK!
Lower Steel Pad Reinforcement Ratio (L-Direct.):	0.0024	OK!	Lower Steel Pad Reinf. Ratio (W-Direct	0.0024		
Lower Steel Pad Moment Capacity (L-Direction. Kips-ft):	2828.4	>	Moment at Bottom (L-Dir. K-Ft):	1249.2	0.44	OK!
Lower Steel Pad Moment Capacity (W-Direction. Kips-ft):	2828.4	>	Moment at Bottom (W-Dir. K-Ft):	1249.2	0.44	OK!
Lower Steel Pad Moment Capacity (Corner-Corner,K-ft):	3976.9	>	Moment at Bottom (C-C Dir. K-Ft):	1766.6	0.44	OK!
Upper Steel Pad Reinforcement Ratio (L-Direct.):	0.0019	OK!	Upper Steel Reinf. Ratio (W-Dir.):	0.0019		
Upper Steel Pad Moment Capacity (L-Direc. Kips-ft):	2272.3	>	Moment at the top (L-Dir K-Ft):	554.7	0.24	OK!
Upper Steel Pad Moment Capacity (W-Direc. Kips-ft):	2272.3	>	Moment at the top (W-Dir K-Ft):	554.7	0.24	OK!
Upper Steel Pad Moment Capacity (Corner-Corner. K-ft):	3198.8	>	Moment at the top (C-C Dir. K-Ft):	522.1	0.16	OK!
(3).Check Punching Shear Capacity due to Moment in the Pier:						
Moment transferred by punching shear:	1558.1	k-ft.	Max. factored shear stress v_{u_CD}:		5.5	Psi
Max. factored shear stress v_{u_AB}:	12.1	Psi	Factored shear Strength ϕv_n:		189.7	Psi
Max. factored shear stress v_u:	12.1	Psi	Check Usage of Punching Shear Capacity:		0.06	OK!
(4).Check Bending Capacity of the Pad Within the Effective Slab Width:						
Overturning moment to be transferred by flexure:	1168.6	k-ft.	Effective Width for resisting OT moment:		15.5	ft.
Calculated number of Rebar in Effective width:	15		Actual number of Rebar in Effective width:		15	
Steel Pad Moment Capacity (L-Direc. Kips-ft):	1703.1	k-ft.	Check Usage of the Flexure Capacity:		0.69	OK!

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207130
Colliers Engineering & Design CT, P.C. Project #: 23777150

July 20, 2023

Site Information	*Site ID:*	*5000247392-VZW / MIDDLEFIELD SOUTH CT*
	Site Name:	*MIDDLEFIELD SOUTH CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*393 Jackson Hill Road* *Middlefield, Connecticut 06455* *Middlesex County*
	Latitude:	*41.517378°*
	Longitude:	*-72.714314°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 17123768

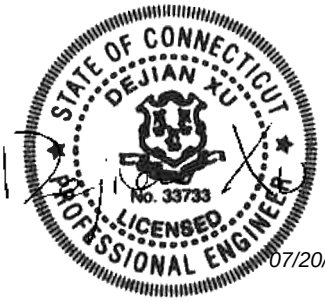
Analysis Results

Platform: **83.6% Pass***

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

******Contractor PMI Requirements*:**
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com
For additional questions and support, please reach out to:
pmisupport@colliersengineering.com

Report Prepared By: Andy Hanes



07/20/2023

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS, Site ID: 674965, dated March 3, 2021*
Mount Mapping Report	*Level-Up Tower, Site ID: CT46135, dated February 20, 2021*
Previous Mount Analysis	*Maser Consulting Connecticut, Project #: 21777099A, dated April 30, 2021*
PMI Report	*Maser Consulting Connecticut, Project #: 21777099A, dated December 28,2 021*
Filter Add Scope	*Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.991
Seismic Parameters:	S_S:	0.209 g
	S_1:	0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Load, Lv:	250 lbs.
	Maintenance Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
137.00	138.50	3	Samsung	MT6407-77A	Retained
	138.00	6	Antel	LPA-80063/4CF	
		6	Commscope	JAHH-65B-R3B	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		3	Commscope	CBC78T-DS-43-2X	
		1	Raycap	RRFDC-6627-PF-48*	
		2	KAelus	KA-6030	Added

* Equipment is flush mounted directly to the Monopole tower. It is not mounted on the platform mount and is not included in this mount analysis.

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

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

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Connection Check	83.6 %	Pass
Face Horizontal	13.3 %	Pass
Standoff Horizontal	31.8 %	Pass
Platform Crossmember	18.5 %	Pass
Proposed Mount Pipe	29.3 %	Pass
Mount Pipe	33.7 %	Pass
Corner Plate	19.9 %	Pass
Grating Support	18.8 %	Pass
Cross Arm Plate	38.7 %	Pass
Support Rail	18.0 %	Pass
Support Rail Corner	45.3 %	Pass
Threaded Rods	41.3 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**83.6%**

BASELINE mount weight per SBA agreement: 2135 lbs

Increase in mount weight due to Verizon loading change per SBA agreement: No Change

The weights listed above include 3 sector(s).

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

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	23.2	23.2	37.5	37.5
0.5	30.5	30.5	50.6	50.6
1	37.1	37.1	62.9	62.9

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

Requirements:

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

N/A

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

Attachments:

1. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
2. Antenna Placement Diagrams
3. Mount Photos
4. 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 #: 5000247392 SMART Project #: 10207130 Fuze Project ID: 17123768

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

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

Base Requirements:

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

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

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

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

OR

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

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

Issue:

N/A

Response:

Special Instruction Confirmation:

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

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

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

OR

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

Comments:

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

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

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

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

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

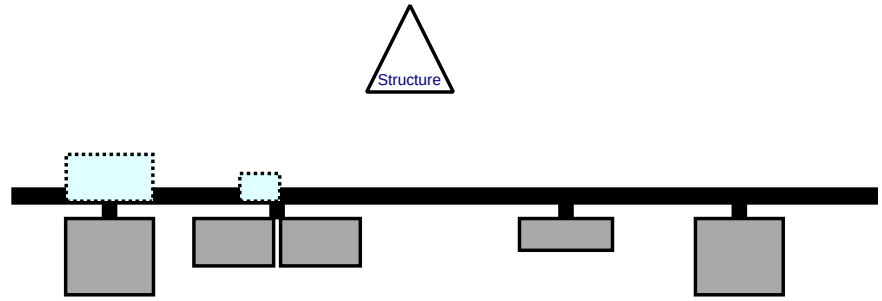
Structure: 5000247392-VZW - MIDDLEFIELD SOUTH CT

Sector: **A** 7/20/2023

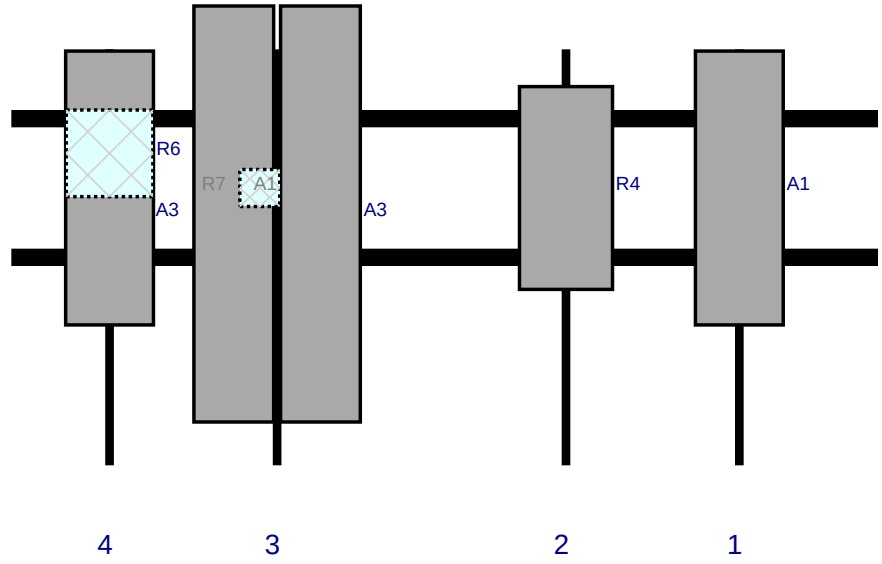
Structure Type: Monopole 10207130

Mount Elev: 138.50 Page: 1

Plan View

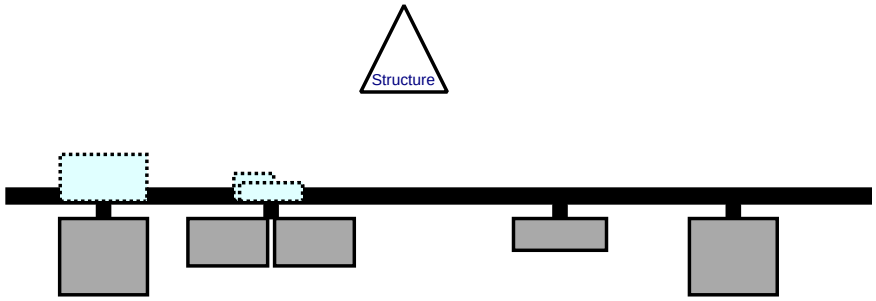


Front View - Looking at Structure

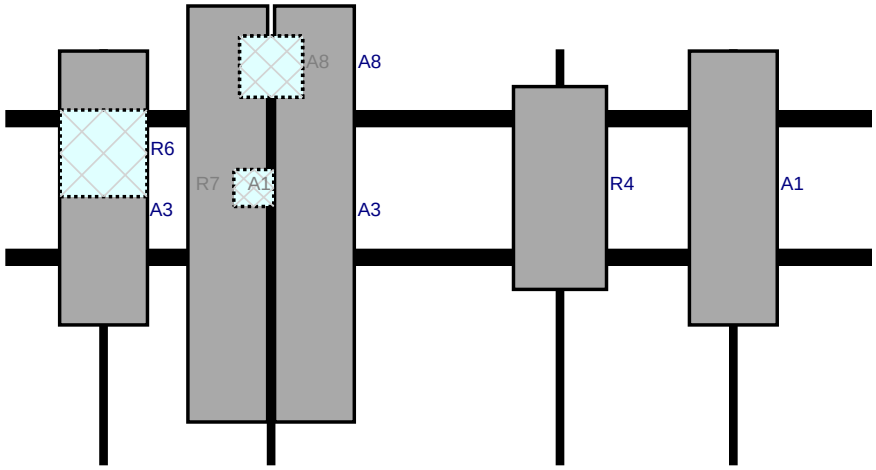


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	LPA-80063/4CF	47.4	15.2	126	1	a	Front	24	0	Retained	12/03/2021
R4	MT6407-77A	35.1	16.1	96	2	a	Front	24	0	Retained	12/03/2021
A3	JAHH-65B-R3B	72	13.8	46	3	a	Front	28.5	7.5	Retained	12/03/2021
A3	JAHH-65B-R3B	72	13.8	46	3	b	Front	28.5	-7.5	Retained	12/03/2021
R7	CBC78T-DS-43-2X	6.4	6.9	46	3	a	Behind	24	-3	Retained	12/03/2021
A1	LPA-80063/4CF	47.4	15.2	17	4	a	Front	24	0	Retained	12/03/2021
R6	B5/B13 RRH-BR04C	15	15	17	4	a	Behind	18	0	Retained	12/03/2021
MPA3	B2/B66A RRH-BR049	15	15		Member					Retained	12/03/2021
MPB3	B2/B66A RRH-BR049	15	15		Member					Retained	12/03/2021
MPC3	B2/B66A RRH-BR049	15	15		Member					Retained	12/03/2021

Plan View



Front View - Looking at Structure



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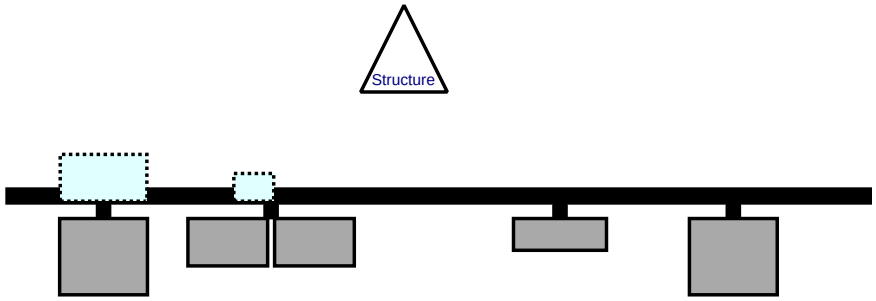
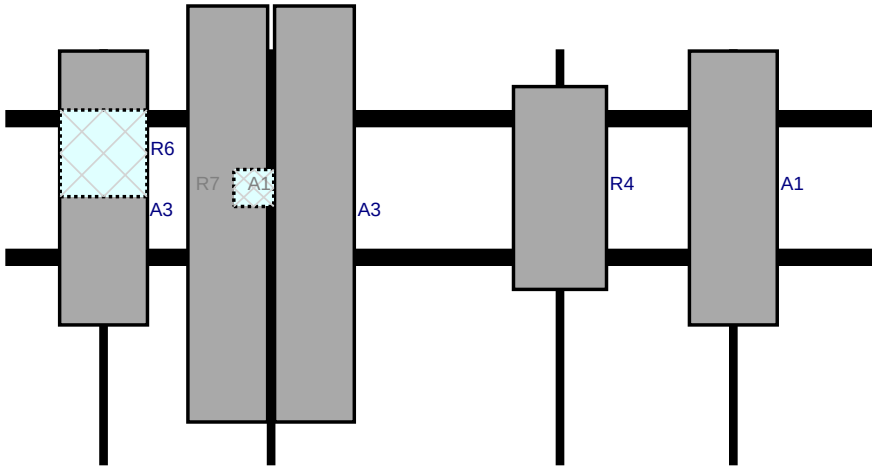
R4	MT6407-77A	35.1	16.1	96	2	a	Front	24	0	Retained	12/03/2021
A3	JAHH-65B-R3B	72	13.8	46	3	a	Front	28.5	7.5	Retained	12/03/2021
A3	JAHH-65B-R3B	72	13.8	46	3	b	Front	28.5	-7.5	Retained	12/03/2021
R7	CBC78T-DS-43-2X	6.4	6.9	46	3	a	Behind	24	-3	Retained	12/03/2021
A8	KA-6030	10.6	10.9	46	3	a	Behind	3	0	Added	
A8	KA-6030	10.6	10.9	46	3	b	Behind	3	0	Added	
A1	LPA-80063/4CF	47.4	15.2	17	4	a	Front	24	0	Retained	12/03/2021
R6	B5/B13 RRH-BR04C	15	15	17	4	a	Behind	18	0	Retained	12/03/2021

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	LPA-80063/4CF	47.4	15.2	126	1	a	Front	24	0	Retained	12/03/2021
R4	MT6407-77A	35.1	16.1	96	2	a	Front	24	0	Retained	12/03/2021
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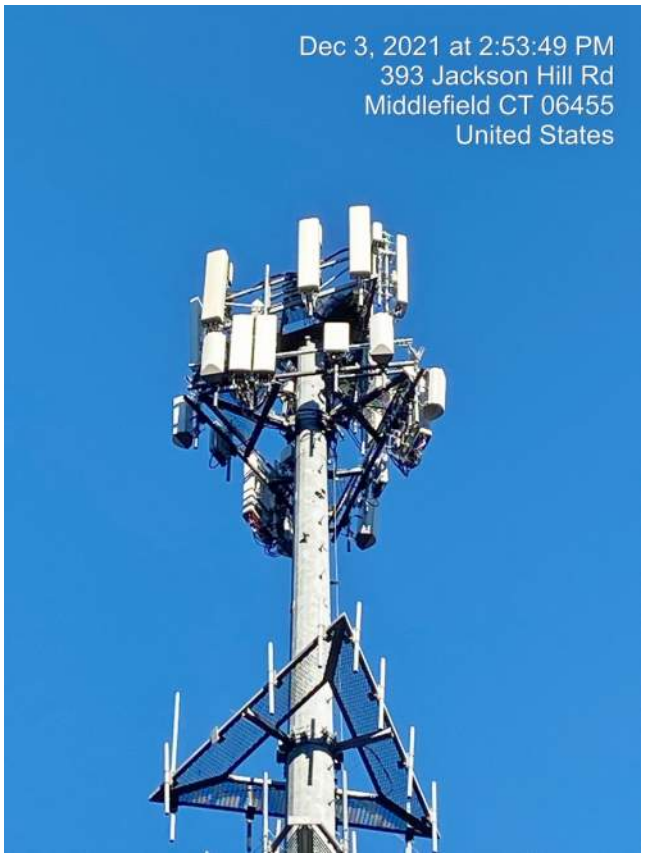
A1	LPA-80063/4CF	47.4	15.2	17	4	a	Front	24	0	Retained	12/03/2021
R6	B5/B13 RRH-BR04C	15	15	17	4	a	Behind	18	0	Retained	12/03/2021


Dec 3, 2021 at 2:53:49 PM
393 Jackson Hill Rd
Middlefield CT 06455
United States

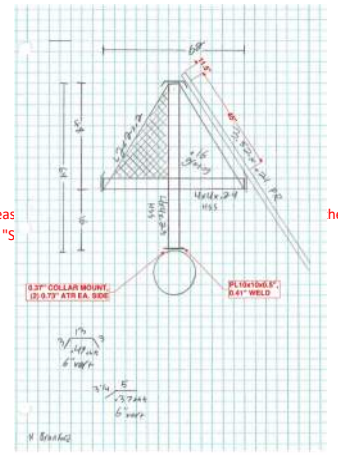

Dec 3, 2021 at 2:07:42 PM
393 Jackson Hill Rd
Middlefield CT 06455
United States

V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	SBA	**Mapping Date:**	2.20.21
Site Name:	MIDDLEFIELD SOUTH CT	**Tower Type:**	Monopole
Site Number or ID:	CT46135	**Tower Height (Ft.):**	
Mapping Contractor:	LEVEL-UP TOWERS	**Mount Elevation (Ft.):**	133



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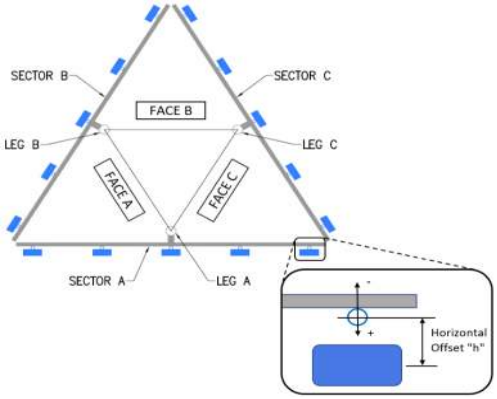
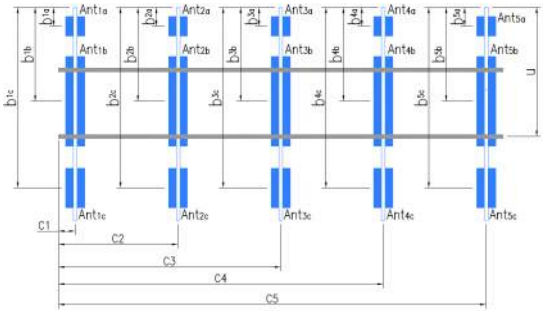




Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	72x2.38x.18	36.00	20.00	C1	72x2.38x.18	36.00	20.00
A2	72x2.38x.18	36.00	54.00	C2	72x2.38x.18	36.00	54.00
A3	72x2.38x.18	36.00	104.00	C3	72x2.38x.18	36.00	104.00
A4	72x2.38x.18	36.00	133.00	C4	72x2.38x.18	36.00	133.00
A5				C5			
A6				C6			
B1	72x2.38x.18	36.00	20.00	D1			
B2	72x2.38x.18	36.00	54.00	D2			
B3	72x2.38x.18	36.00	104.00	D3			
B4	72x2.38x.18	36.00	133.00	D4			
B5				D5			
B6				D6			

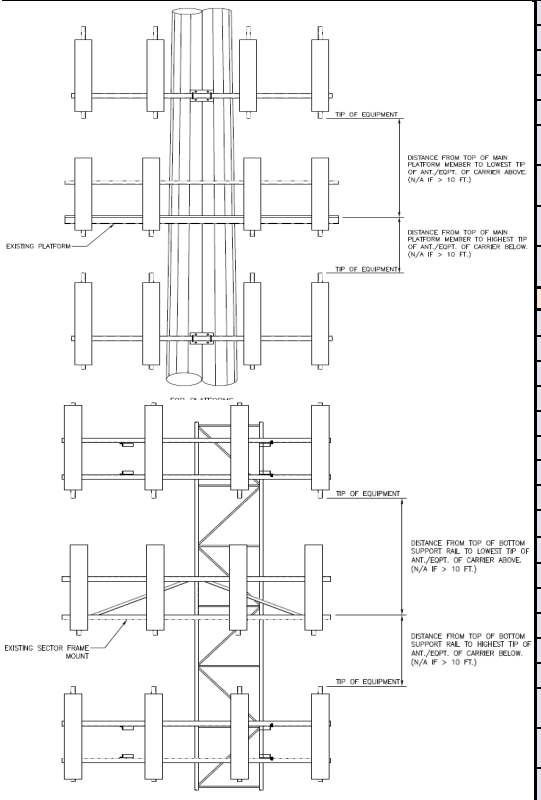
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	42
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.):	24.2

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}	DIPLEXER	6.50	0.75	5.00	(2) 1 5/8	134.917	13.00	-3.00		105-110
Ant_{1b}	LPA-80063-4CG-EDIN	15.00	14.00	48.00	(1) 1/2	133.667	28.00	14.00	30.00	105-110
Ant_{1c}										
Ant_{2a}	B13 RRH 4X30	12.00	8.00	21.00	FIBER	134.917	13.00	-7.00		111-115
Ant_{2b}	BXA-70063-4CF-EDIN	11.00	4.00	71.00	(2) 1/2	133.083	35.00	10.00	30.00	111-115
Ant_{2c}										
Ant_{3a}	B66 RRH 4X45	12.00	7.00	25.00	FIBER	135.167	10.00	-6.00		116-120
Ant_{3b}	SBNHH-1D65B	12.00	8.00	73.00	(2) 1/2	133.583	29.00	10.00	30.00	116-120
Ant_{3c}	SBNHH-1D65B	12.00	8.00	73.00	(6) 1/2	133.583	29.00	10.00	30.00	116-120
Ant_{4a}	DIPLEXER	6.50	0.75	5.00	(2) 1 5/8	134.917	13.00	-3.00		121-123
Ant_{4b}	LPA-80063-4CG-EDIN	15.00	14.00	48.00	(1) 1/2	133.917	25.00	16.00	30.00	121-123
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector			Tower Leg Azimuth (Degree) for Each Sector		
Sector A:	30.00	Deg	Leg A:		Deg
Sector B:	150.00	Deg	Leg B:		Deg
Sector C:	270.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	FACE	Deg	Sector B
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.



Sector B										
Ant_{1a}	DIPLEXER	6.50	0.75	5.00	(2) 1 5/8	134.917	13.00	-3.00		63
Ant_{1b}	LPA-80063-4CG-EDIN	15.00	14.00	48.00	(1) 1/2	133.667	28.00	14.00	150.00	64
Ant_{1c}										
Ant_{2a}	B13 RRH 4X30	12.00	8.00	21.00	FIBER	134.917	13.00	-7.00		65
Ant_{2b}	BXA-70063-4CF-EDIN	11.00	4.00	71.00	(2) 1/2	133.083	35.00	10.00	150.00	70
Ant_{2c}										
Ant_{3a}	B66 RRH 4X45	12.00	7.00	25.00	FIBER	135.167	10.00	-6.00		71
Ant_{3b}	SBNHH-1D65B	12.00	8.00	73.00	(2) 1/2	133.583	29.00	10.00	150.00	71
Ant_{3c}	SBNHH-1D65B	12.00	8.00	73.00	(6) 1/2	133.583	29.00	10.00	150.00	71
Ant_{4a}	DIPLEXER	6.50	0.75	5.00	(2) 1 5/8	134.917	13.00	-3.00		84
Ant_{4b}	LPA-80063-4CG-EDIN	15.00	14.00	48.00	(1) 1/2	133.917	25.00	16.00	150.00	84
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}	DIPLEXER	6.50	0.75	5.00	(2) 1 5/8	134.917	13.00	-3.00		85
Ant_{1b}	LPA-80063-4CG-EDIN	15.00	14.00	48.00	(1) 1/2	133.667	28.00	14.00	270.00	85
Ant_{1c}										
Ant_{2a}	B13 RRH 4X30	12.00	8.00	21.00	FIBER	134.917	13.00	-7.00		90
Ant_{2b}	BXA-70063-4CF-EDIN	11.00	4.00	71.00	(2) 1/2	133.083	35.00	10.00	270.00	90
Ant_{2c}										
Ant_{3a}	B66 RRH 4X45	12.00	7.00	25.00	FIBER	135.167	10.00	-6.00		94
Ant_{3b}	SBNHH-1D65B	12.00	8.00	73.00	(2) 1/2	133.583	29.00	10.00	270.00	94
Ant_{3c}	SBNHH-1D65B	12.00	8.00	73.00	(6) 1/2	133.583	29.00	10.00	270.00	94
Ant_{4a}	DIPLEXER	6.50	0.75	5.00	(2) 1 5/8	134.917	13.00	-3.00		99
Ant_{4b}	LPA-80063-4CG-EDIN	15.00	14.00	48.00	(1) 1/2	133.917	25.00	16.00	270.00	99
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

1		
2		
3		
4		
5		
6		
7		
8		

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

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

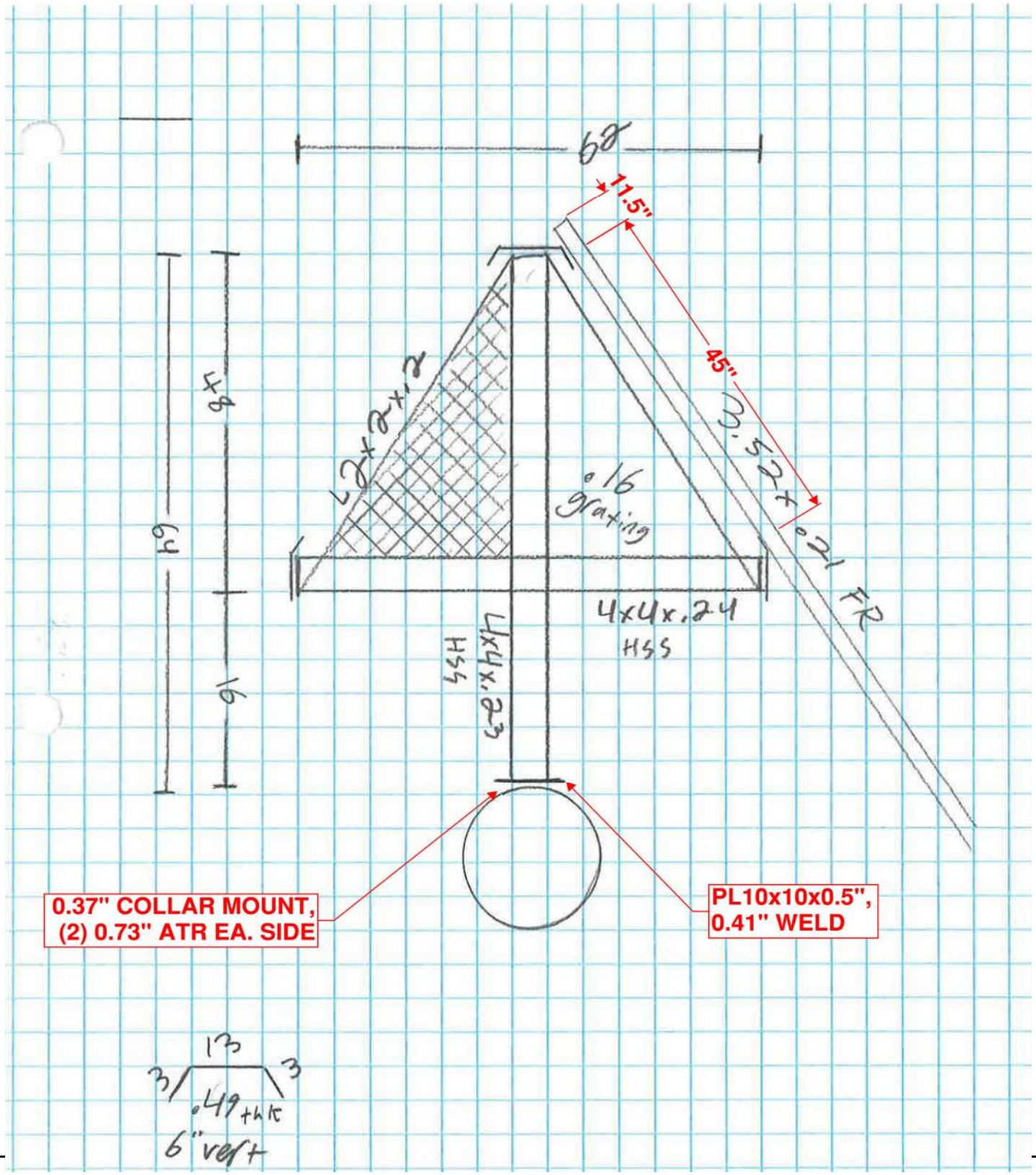
V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	SBA	**Mapping Date:**	2.20.21
Site Name:	MIDDLEFIELD SOUTH CT	**Tower Type:**	Monopole
Site Number or ID:	CT46135	**Tower Height (Ft.):**	
Mapping Contractor:	LEVEL-UP TOWERS	**Mount Elevation (Ft.):**	133

Please Insert Sketches of the Antenna Mount

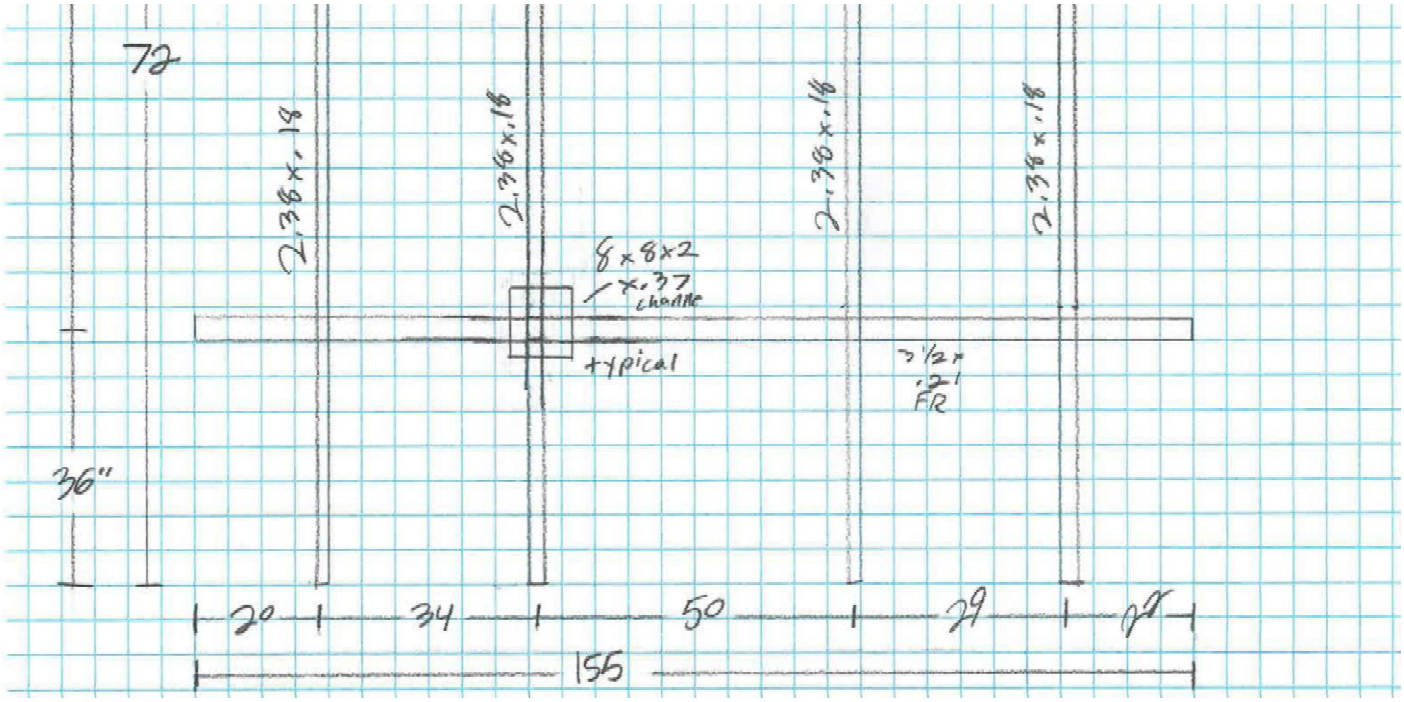


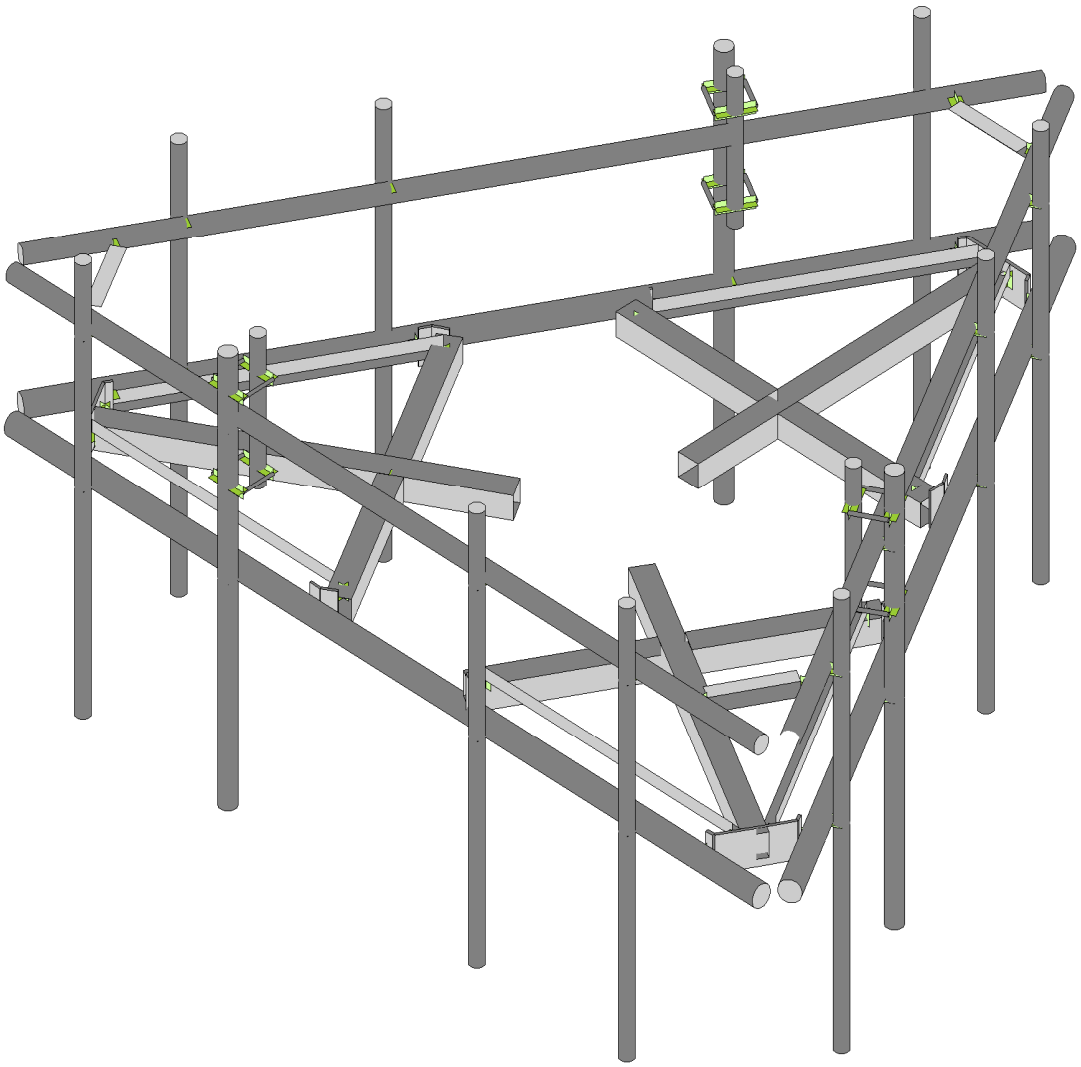
3'/4 5

.37 thk

6" vert

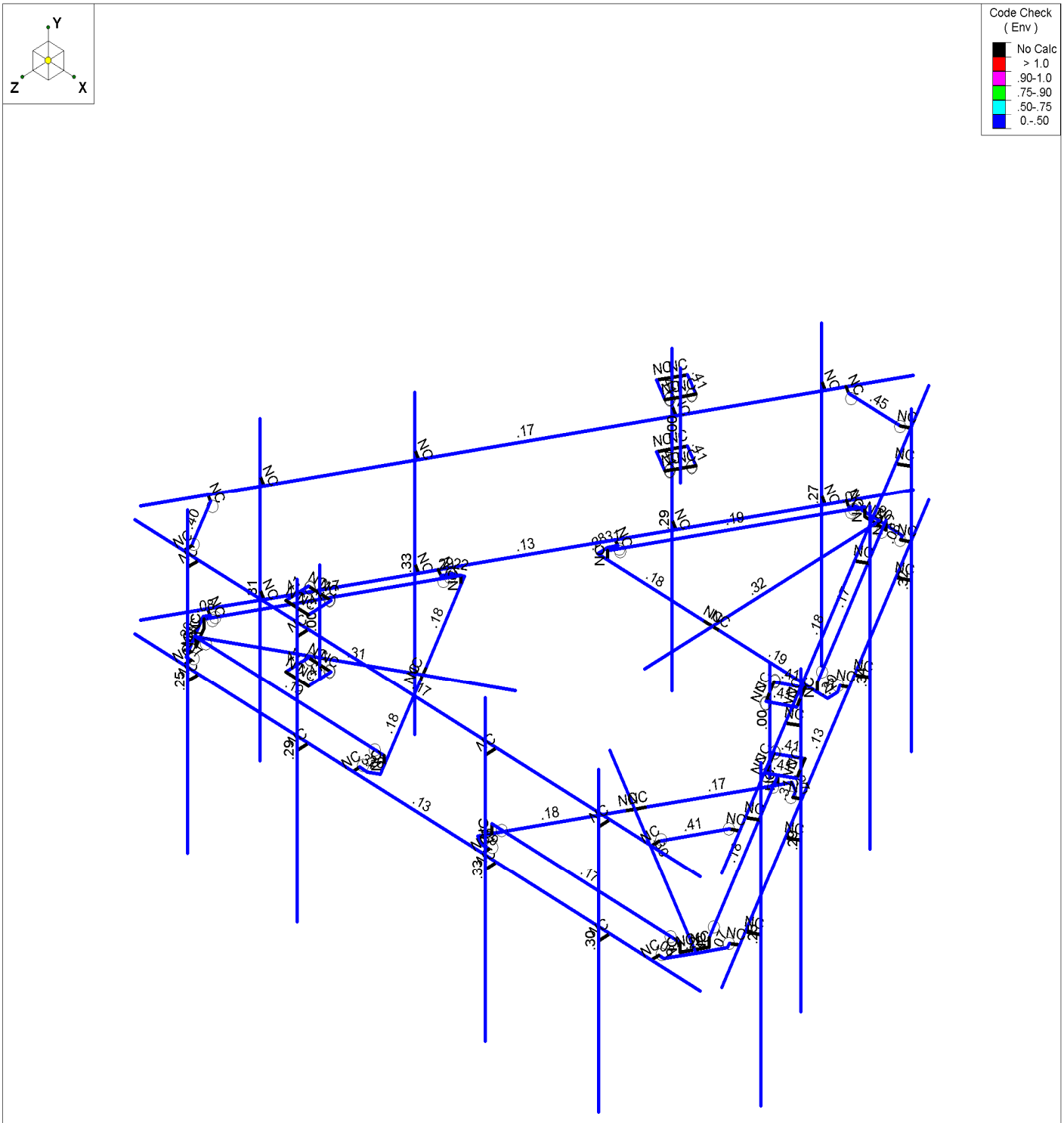
N Branford





Envelope Only Solution

		SK - 1
		July 19, 2023 at 5:27 PM
		5000247392-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		July 19, 2023 at 5:27 PM
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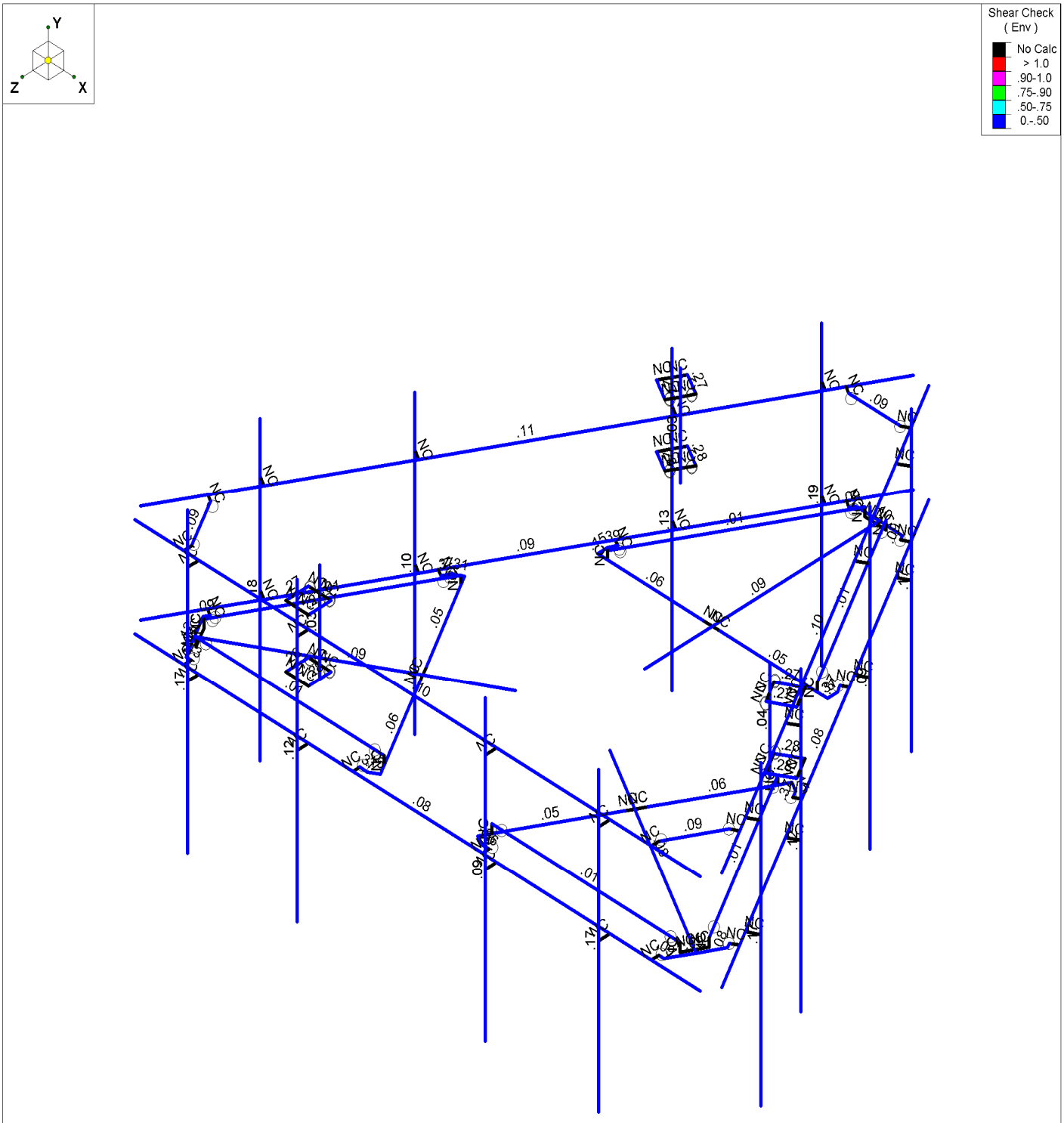


Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		July 19, 2023 at 5:27 PM
		5000247392-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					123			
2	Antenna Di	None					123			
3	Antenna Wo (0 Deg)	None					123			
4	Antenna Wo (30 Deg)	None					123			
5	Antenna Wo (60 Deg)	None					123			
6	Antenna Wo (90 Deg)	None					123			
7	Antenna Wo (120 Deg)	None					123			
8	Antenna Wo (150 Deg)	None					123			
9	Antenna Wo (180 Deg)	None					123			
10	Antenna Wo (210 Deg)	None					123			
11	Antenna Wo (240 Deg)	None					123			
12	Antenna Wo (270 Deg)	None					123			
13	Antenna Wo (300 Deg)	None					123			
14	Antenna Wo (330 Deg)	None					123			
15	Antenna Wi (0 Deg)	None					123			
16	Antenna Wi (30 Deg)	None					123			
17	Antenna Wi (60 Deg)	None					123			
18	Antenna Wi (90 Deg)	None					123			
19	Antenna Wi (120 Deg)	None					123			
20	Antenna Wi (150 Deg)	None					123			
21	Antenna Wi (180 Deg)	None					123			
22	Antenna Wi (210 Deg)	None					123			
23	Antenna Wi (240 Deg)	None					123			
24	Antenna Wi (270 Deg)	None					123			
25	Antenna Wi (300 Deg)	None					123			
26	Antenna Wi (330 Deg)	None					123			
27	Antenna Wm (0 Deg)	None					123			
28	Antenna Wm (30 Deg)	None					123			
29	Antenna Wm (60 Deg)	None					123			
30	Antenna Wm (90 Deg)	None					123			
31	Antenna Wm (120 De...	None					123			
32	Antenna Wm (150 De...	None					123			
33	Antenna Wm (180 De...	None					123			
34	Antenna Wm (210 De...	None					123			
35	Antenna Wm (240 De...	None					123			
36	Antenna Wm (270 De...	None					123			
37	Antenna Wm (300 De...	None					123			
38	Antenna Wm (330 De...	None					123			
39	Structure D	None		-1					3	
40	Structure Di	None						72	3	
41	Structure Wo (0 Deg)	None						144		
42	Structure Wo (30 Deg)	None						144		
43	Structure Wo (60 Deg)	None						144		
44	Structure Wo (90 Deg)	None						144		
45	Structure Wo (120 D...	None						144		
46	Structure Wo (150 D...	None						144		
47	Structure Wo (180 D...	None						144		
48	Structure Wo (210 D...	None						144		
49	Structure Wo (240 D...	None						144		
50	Structure Wo (270 D...	None						144		
51	Structure Wo (300 D...	None						144		
52	Structure Wo (330 D...	None						144		
53	Structure Wi (0 Deg)	None						144		
54	Structure Wi (30 Deg)	None						144		
55	Structure Wi (60 Deg)	None						144		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
56	Structure Wi (90 Deg)	None						144		
57	Structure Wi (120 De...	None						144		
58	Structure Wi (150 De...	None						144		
59	Structure Wi (180 De...	None						144		
60	Structure Wi (210 De...	None						144		
61	Structure Wi (240 De...	None						144		
62	Structure Wi (270 De...	None						144		
63	Structure Wi (300 De...	None						144		
64	Structure Wi (330 De...	None						144		
65	Structure Wm (0 Deg)	None						144		
66	Structure Wm (30 De...	None						144		
67	Structure Wm (60 De...	None						144		
68	Structure Wm (90 De...	None						144		
69	Structure Wm (120 D...	None						144		
70	Structure Wm (150 D...	None						144		
71	Structure Wm (180 D...	None						144		
72	Structure Wm (210 D...	None						144		
73	Structure Wm (240 D...	None						144		
74	Structure Wm (270 D...	None						144		
75	Structure Wm (300 D...	None						144		
76	Structure Wm (330 D...	None						144		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					123			
82	Antenna Eh (0 Deg)	None					82			
83	Antenna Eh (90 Deg)	None					82			
84	Structure Ev	ELY		-.025					3	
85	Structure Eh (0 Deg)	ELZ			-.063				3	
86	Structure Eh (90 Deg)	ELX	.063						3	
87	BLC 39 Transient Are...	None						30		
88	BLC 40 Transient Are...	None						30		
89	BLC 84 Transient Are...	None						30		
90	BLC 85 Transient Are...	None						30		
91	BLC 86 Transient Are...	None						30		

Load Combinations

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

Load Combinations (Continued)

	Description	Sol...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
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 De...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0Wm (60 De...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0Wm (90 De...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0Wm (120 D...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0Wm (150 D...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0Wm (180 D...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0Wm (210 D...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0Wm (240 D...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0Wm (270 D...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0Wm (300 D...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm (330 D...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0Wm (0 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm (30 De...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm (60 De...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm (90 De...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm (120 D...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm (150 D...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm (180 D...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (210 D...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm (240 D...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (270 D...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm (300 D...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (330 D...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0Eh (0 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	1	83		E...	1	E...					
53	1.2D + 1.0Ev + 1.0Eh (30 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	.5	E...	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0Eh (60 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	.866	E...	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0Eh (90 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	1	E...		E...	1				
56	1.2D + 1.0Ev + 1.0Eh (120 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	.866	E...	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0Eh (150 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	.5	E...	-.8...	E...	.5				
58	1.2D + 1.0Ev + 1.0Eh (180 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-1	83		E...	-1	E...					
59	1.2D + 1.0Ev + 1.0Eh (210 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
60	1.2D + 1.0Ev + 1.0Eh (240 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
61	1.2D + 1.0Ev + 1.0Eh (270 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	-1	E...		E...	-1				
62	1.2D + 1.0Ev + 1.0Eh (300 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	-.8...	E...	.5	E...	-.8...				
63	1.2D + 1.0Ev + 1.0Eh (330 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	-.5	E...	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0Eh (0 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	1	83		E...	1	E...					
65	0.9D - 1.0Ev + 1.0Eh (30 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	.5	E...	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0Eh (60 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	.866	E...	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0Eh (90 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	1	E...		E...	1				
68	0.9D - 1.0Ev + 1.0Eh (120 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	.866	E...	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0Eh (150 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	.5	E...	-.8...	E...	.5				
70	0.9D - 1.0Ev + 1.0Eh (180 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-1	83		E...	-1	E...					
71	0.9D - 1.0Ev + 1.0Eh (210 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
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	3.810523	0	
2	N2	-6.25	0	3.810523	0	
3	N3	0	0	-1.208333	0	
4	N5	-2.541667	0	-2.708333	0	
5	N6	2.315104	0.166667	-2.708333	0	
6	N7	-2.315104	0.166667	-2.708333	0	
7	N8	4.25	0	3.810523	0	
8	N9	4.25	0	4.060523	0	
9	N10	-4.833333	0	3.810523	0	
10	N11	-4.833333	0	4.060523	0	
11	N12	1.75	0	3.810523	0	
12	N13	1.75	0	4.060523	0	
13	N14	-2.416667	0	3.810523	0	
14	N15	-2.416667	0	4.060523	0	
15	N16	-2.416667	-3	4.060523	0	
16	N17	-2.416667	3	4.060523	0	
17	N18	-4.833333	-3	4.060523	0	
18	N19	-4.833333	3	4.060523	0	
19	N20	1.75	-3	4.060523	0	
20	N21	1.75	3	4.060523	0	
21	N22	4.25	-3	4.060523	0	
22	N23	4.25	3	4.060523	0	
23	N24	0	0	-2.708333	0	
24	N27	0	0	-6.395833	0	
25	CP	0	0	0	0	
26	N29	2.315104	0	-2.708333	0	
27	N30	-2.315104	0	-2.708333	0	
28	N101	2.541667	0	-2.708333	0	
29	N102	-0.166667	0	-2.708333	0	
30	N103A	0.166667	0	-2.708333	0	
31	N104A	-2.541667	0	-2.927083	0	
32	N105	2.541667	0	-2.927083	0	
33	N131	2.458333	0	-3.071421	0	
34	N135	0.571615	0	-6.298857	0	
35	N144	-2.458333	0	-3.071421	0	
36	N148	-0.571615	0	-6.298857	0	
37	N86A	2.584629	0	-3.144338	0	
38	N86B	-2.584629	0	-3.144338	0	
39	N86C	-0.515625	0	-6.395833	0	
40	N87A	0.515625	0	-6.395833	0	
41	N86D	0.715429	0	-6.381888	0	
42	N86E	-0.715429	0	-6.381888	0	
43	N88A	0	0	-6.3125	0	
44	N87C	0.234238	0.166667	-6.3125	0	
45	N86G	0.234238	0	-6.3125	0	
46	N87B	-0.234238	0.166667	-6.3125	0	
47	N88C	-0.234238	0	-6.3125	0	
48	N87D	-1.046447	0	0.604167	0	
49	N88B	-1.074652	0	3.555315	0	
50	N89	-3.503038	0.166667	-0.650772	0	
51	N90	-1.187933	0.166667	3.359106	0	
52	N91	-2.345485	0	1.354167	0	
53	N92	-5.538954	0	3.197917	0	
54	N93	-3.503038	0	-0.650772	0	
55	N94	-1.187933	0	3.359106	0	
56	N95	-3.616319	0	-0.846981	0	
57	N96	-2.262152	0	1.498504	0	
58	N97	-2.428819	0	1.209829	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
59	N98	-1.264095	0	3.66469	0	
60	N99	-3.805762	0	-0.737606	0	
61	N100	-3.889095	0	-0.593269	0	
62	N101A	-5.740777	0	2.654396	0	
63	N102A	-1.430762	0	3.66469	0	
64	N103	-5.169162	0	3.644461	0	
65	N104	-4.015391	0	-0.666185	0	
66	N105A	-1.430762	0	3.810523	0	
67	N106	-5.281142	0	3.644461	0	
68	N107	-5.796767	0	2.751372	0	
69	N108	-5.884591	0	2.571364	0	
70	N109	-5.169162	0	3.810523	0	
71	N110	-5.466785	0	3.15625	0	
72	N111	-5.583904	0.166667	2.953394	0	
73	N112	-5.583904	0	2.953394	0	
74	N113	-5.349667	0.166667	3.359106	0	
75	N114	-5.349667	0	3.359106	0	
76	N115	1.046447	0	0.604167	0	
77	N116	3.616319	0	-0.846981	0	
78	N117	1.187933	0.166667	3.359106	0	
79	N118	3.503038	0.166667	-0.650772	0	
80	N119	2.345485	0	1.354167	0	
81	N120	5.538954	0	3.197917	0	
82	N121	1.187933	0	3.359106	0	
83	N122	3.503038	0	-0.650772	0	
84	N123	1.074652	0	3.555315	0	
85	N124	2.428819	0	1.209829	0	
86	N125	2.262152	0	1.498504	0	
87	N126	3.805762	0	-0.737606	0	
88	N127	1.264095	0	3.66469	0	
89	N128	1.430762	0	3.66469	0	
90	N129	5.169162	0	3.644461	0	
91	N130	3.889095	0	-0.593269	0	
92	N131A	5.740777	0	2.654396	0	
93	N132	1.430762	0	3.810523	0	
94	N133	4.015391	0	-0.666186	0	
95	N134	5.796767	0	2.751372	0	
96	N135A	5.281142	0	3.644461	0	
97	N136	5.169162	0	3.810523	0	
98	N137	5.884591	0	2.571364	0	
99	N138	5.466785	0	3.15625	0	
100	N139	5.349667	0.166667	3.359106	0	
101	N140	5.349667	0	3.359106	0	
102	N141	5.583904	0.166667	2.953394	0	
103	N142	5.583904	0	2.953394	0	
104	N104B	0.17501	0	-7.31792	0	
105	N105B	6.42501	0	3.507397	0	
106	N124A	-6.42501	0	3.507397	0	
107	N125A	-0.17501	0	-7.31792	0	
108	N108A	1.17501	0	-5.58587	0	
109	N109A	1.391516	0	-5.71087	0	
110	N110A	5.716677	0	2.280528	0	
111	N111A	5.933183	0	2.155528	0	
112	N112A	2.42501	0	-3.420806	0	
113	N113A	2.641516	0	-3.545806	0	
114	N114A	4.508343	0	0.187633	0	
115	N115A	4.72485	0	0.062633	0	
116	N116A	4.72485	-3	0.062633	0	
117	N117A	4.72485	3	0.062633	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
118	N118A	5.933183	-3	2.155528	0	
119	N119A	5.933183	3	2.155528	0	
120	N120A	2.641516	-3	-3.545806	0	
121	N121A	2.641516	3	-3.545806	0	
122	N122A	1.391516	-3	-5.71087	0	
123	N123A	1.391516	3	-5.71087	0	
124	N124B	-5.42501	0	1.775346	0	
125	N125B	-5.641516	0	1.650346	0	
126	N126A	-0.883343	0	-6.091051	0	
127	N127A	-1.09985	0	-6.216051	0	
128	N128A	-4.17501	0	-0.389717	0	
129	N129A	-4.391516	0	-0.514717	0	
130	N130A	-2.091677	0	-3.998156	0	
131	N131B	-2.308183	0	-4.123156	0	
132	N132A	-2.308183	-3	-4.123156	0	
133	N133A	-2.308183	3	-4.123156	0	
134	N134A	-1.09985	-3	-6.216051	0	
135	N135B	-1.09985	3	-6.216051	0	
136	N136A	-4.391516	-3	-0.514717	0	
137	N137A	-4.391516	3	-0.514717	0	
138	N138A	-5.641516	-3	1.650346	0	
139	N139A	-5.641516	3	1.650346	0	
140	N140A	6.25	2	3.810523	0	
141	N141A	-6.25	2	3.810523	0	
142	N142A	4.25	2	3.810523	0	
143	N143	4.25	2	4.060523	0	
144	N144A	-4.833333	2	3.810523	0	
145	N145	-4.833333	2	4.060523	0	
146	N146	1.75	2	3.810523	0	
147	N147	1.75	2	4.060523	0	
148	N148A	-2.416667	2	3.810523	0	
149	N149	-2.416667	2	4.060523	0	
150	N150	-5.166667	2	3.810523	0	
151	N151	-5.166667	2	3.643857	0	
152	N152	5.166667	2	3.810523	0	
153	N153	5.166667	2	3.643857	0	
154	N154	0.17501	2	-7.31792	0	
155	N155	6.42501	2	3.507397	0	
156	N156	1.17501	2	-5.58587	0	
157	N157	1.391516	2	-5.71087	0	
158	N158	5.716677	2	2.280528	0	
159	N159	5.933183	2	2.155528	0	
160	N160	2.42501	2	-3.420806	0	
161	N161	2.641516	2	-3.545806	0	
162	N162	4.508343	2	0.187633	0	
163	N163	4.72485	2	0.062633	0	
164	N164	5.883343	2	2.569203	0	
165	N165	5.739006	2	2.652536	0	
166	N166	0.716677	2	-6.379726	0	
167	N167	0.572339	2	-6.296393	0	
168	N168	-6.42501	2	3.507397	0	
169	N169	-0.17501	2	-7.31792	0	
170	N170	-5.42501	2	1.775346	0	
171	N171	-5.641516	2	1.650346	0	
172	N172	-0.883343	2	-6.091051	0	
173	N173	-1.09985	2	-6.216051	0	
174	N174	-4.17501	2	-0.389717	0	
175	N175	-4.391516	2	-0.514717	0	
176	N176	-2.091677	2	-3.998156	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
177	N177	-2.308183	2	-4.123156	0	
178	N178	-0.716677	2	-6.379726	0	
179	N179	-0.572339	2	-6.296393	0	
180	N180	-5.883343	2	2.569203	0	
181	N181	-5.739006	2	2.652536	0	
182	N182	-2.416667	1.25	4.060523	0	
183	N183	-2.166667	1.25	4.060523	0	
184	N184	-2.666667	1.25	4.060523	0	
185	N185	-2.416667	1.25	3.560523	0	
186	N186	-2.166667	1.25	3.560523	0	
187	N187	-2.666667	1.25	3.560523	0	
188	N188	-2.416667	1	3.560523	0	
189	N189	-2.416667	3	3.560523	0	
190	N190	-2.416667	2.5	4.060523	0	
191	N191	-2.166667	2.5	4.060523	0	
192	N192	-2.666667	2.5	4.060523	0	
193	N193	-2.416667	2.5	3.560523	0	
194	N194	-2.166667	2.5	3.560523	0	
195	N195	-2.666667	2.5	3.560523	0	
196	N197	4.72485	1.25	0.062633	0	
197	N198	4.59985	1.25	-0.153873	0	
198	N199	4.84985	1.25	0.279139	0	
199	N200	4.291837	1.25	0.312633	0	
200	N201	4.166837	1.25	0.096127	0	
201	N202	4.416837	1.25	0.529139	0	
202	N203	4.291837	1	0.312633	0	
203	N204	4.291837	3	0.312633	0	
204	N205	4.72485	2.5	0.062633	0	
205	N206	4.59985	2.5	-0.153873	0	
206	N207	4.84985	2.5	0.279139	0	
207	N208	4.291837	2.5	0.312633	0	
208	N209	4.166837	2.5	0.096127	0	
209	N210	4.416837	2.5	0.529139	0	
210	N212	-2.308183	1.25	-4.123156	0	
211	N213	-2.433183	1.25	-3.90665	0	
212	N214	-2.183183	1.25	-4.339663	0	
213	N215	-1.87517	1.25	-3.873156	0	
214	N216	-2.00017	1.25	-3.65665	0	
215	N217	-1.75017	1.25	-4.089663	0	
216	N218	-1.87517	1	-3.873156	0	
217	N219	-1.87517	3	-3.873156	0	
218	N220	-2.308183	2.5	-4.123156	0	
219	N221	-2.433183	2.5	-3.90665	0	
220	N222	-2.183183	2.5	-4.339663	0	
221	N223	-1.87517	2.5	-3.873156	0	
222	N224	-2.00017	2.5	-3.65665	0	
223	N225	-1.75017	2.5	-4.089663	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossme...	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101

Hot Rolled Steel Section Sets (Continued)

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
8	Proposed Mount Pi...	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Support Rail	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
10	Support Rail Corner	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
11	Threaded Rods	SR_0.5	Beam	BAR	A36 Gr.36	Typical	.196	.003	.003	.006

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M10	N101	N103A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	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
7	M22	N14	N15			RIGID	None	None	RIGID	Typical
8	MP3A	N17	N16			Proposed Mou...	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	M52A	N87D	N92			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
35	M53	N95	N97			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
36	M54	N96	N88B			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
37	M55	N106	N107			Corner Plate	Beam	BAR	A36 Gr.36	Typical
38	M56	N90	N94			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
39	M57	N89	N93			RIGID	None	None	RIGID	Typical
40	M58A	N111	N89			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
41	M59A	N90	N113			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
42	M60	N113	N114			RIGID	None	None	RIGID	Typical
43	M61	N96	N91			RIGID	None	None	RIGID	Typical
44	M62	N91	N97			RIGID	None	None	RIGID	Typical
45	M63	N95	N99			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
46	M64	N99	N100			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
47	M65	N100	N104			RIGID	None	None	RIGID	Typical
48	M66	N107	N101A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
49	M67	N101A	N108			RIGID	None	None	RIGID	Typical
50	M68	N88B	N98			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
51	M69	N98	N102A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
52	M70	N102A	N105A			RIGID	None	None	RIGID	Typical
53	M71	N106	N103			Corner Plate	Beam	BAR	A36 Gr.36	Typical
54	M72	N103	N109			RIGID	None	None	RIGID	Typical
55	M73	N114	N110			RIGID	None	None	RIGID	Typical
56	M74	N110	N112			RIGID	None	None	RIGID	Typical
57	M75	N111	N112			RIGID	None	None	RIGID	Typical
58	M76A	N115	N120			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
59	M77A	N123	N125			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
60	M78	N124	N116			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
61	M79A	N134	N135A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
62	M80A	N118	N122			RIGID	None	None	RIGID	Typical
63	M81	N117	N121			RIGID	None	None	RIGID	Typical
64	M82	N139	N117			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
65	M83A	N118	N141			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
66	M84A	N141	N142			RIGID	None	None	RIGID	Typical
67	M85A	N124	N119			RIGID	None	None	RIGID	Typical
68	M86	N119	N125			RIGID	None	None	RIGID	Typical
69	M87	N123	N127			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
70	M88A	N127	N128			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
71	M89	N128	N132			RIGID	None	None	RIGID	Typical
72	M90	N135A	N129			Corner Plate	Beam	BAR	A36 Gr.36	Typical
73	M91A	N129	N136			RIGID	None	None	RIGID	Typical
74	M92A	N116	N126			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
75	M93	N126	N130			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
76	M94	N130	N133			RIGID	None	None	RIGID	Typical
77	M95	N134	N131A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
78	M96	N131A	N137			RIGID	None	None	RIGID	Typical
79	M97	N142	N138			RIGID	None	None	RIGID	Typical
80	M98	N138	N140			RIGID	None	None	RIGID	Typical
81	M99	N139	N140			RIGID	None	None	RIGID	Typical
82	M82A	N104B	N105B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
83	M91B	N124A	N125A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
84	M84B	N108A	N109A			RIGID	None	None	RIGID	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	MP3C	N117A	N116A			Proposed Mou...	Column	Pipe	A53 Gr.B	Typical
89	MP4C	N119A	N118A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	MP2C	N121A	N120A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	MP1C	N123A	N122A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	M92B	N124B	N125B			RIGID	None	None	RIGID	Typical
93	M93A	N126A	N127A			RIGID	None	None	RIGID	Typical
94	M94A	N128A	N129A			RIGID	None	None	RIGID	Typical
95	M95A	N130A	N131B			RIGID	None	None	RIGID	Typical
96	MP3B	N133A	N132A			Proposed Mou...	Column	Pipe	A53 Gr.B	Typical
97	MP4B	N135B	N134A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
98	MP2B	N137A	N136A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
99	MP1B	N139A	N138A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	M100	N140A	N141A			Support Rail	Beam	Pipe	A53 Gr.B	Typical
101	M101	N142A	N143			RIGID	None	None	RIGID	Typical
102	M102	N144A	N145			RIGID	None	None	RIGID	Typical
103	M103	N146	N147			RIGID	None	None	RIGID	Typical
104	M104	N148A	N149			RIGID	None	None	RIGID	Typical
105	M105	N150	N151			RIGID	None	None	RIGID	Typical
106	M106	N152	N153			RIGID	None	None	RIGID	Typical
107	M107	N154	N155			Support Rail	Beam	Pipe	A53 Gr.B	Typical
108	M108	N156	N157			RIGID	None	None	RIGID	Typical
109	M109	N158	N159			RIGID	None	None	RIGID	Typical
110	M110	N160	N161			RIGID	None	None	RIGID	Typical
111	M111	N162	N163			RIGID	None	None	RIGID	Typical
112	M112	N164	N165			RIGID	None	None	RIGID	Typical
113	M113	N166	N167			RIGID	None	None	RIGID	Typical
114	M114	N168	N169			Support Rail	Beam	Pipe	A53 Gr.B	Typical
115	M115	N170	N171			RIGID	None	None	RIGID	Typical
116	M116	N172	N173			RIGID	None	None	RIGID	Typical
117	M117	N174	N175			RIGID	None	None	RIGID	Typical
118	M118	N176	N177			RIGID	None	None	RIGID	Typical
119	M119	N178	N179			RIGID	None	None	RIGID	Typical
120	M120	N180	N181			RIGID	None	None	RIGID	Typical
121	M121	N151	N181		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
122	M122	N179	N167		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
123	M123	N165	N153		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
124	MPA3	N189	N188			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
125	M125	N184	N187			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
126	M126	N183	N186			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
127	M127	N187	N185			RIGID	None	None	RIGID	Typical
128	M128	N186	N185			RIGID	None	None	RIGID	Typical
129	M129	N184	N182			RIGID	None	None	RIGID	Typical
130	M130	N182	N183			RIGID	None	None	RIGID	Typical
131	M131	N192	N195			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
132	M132	N191	N194			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
133	M133	N195	N193			RIGID	None	None	RIGID	Typical
134	M134	N194	N193			RIGID	None	None	RIGID	Typical
135	M135	N192	N190			RIGID	None	None	RIGID	Typical
136	M136	N190	N191			RIGID	None	None	RIGID	Typical
137	MPC3	N204	N203			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
138	M138	N199	N202			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
139	M139	N198	N201			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
140	M140	N202	N200			RIGID	None	None	RIGID	Typical
141	M141	N201	N200			RIGID	None	None	RIGID	Typical
142	M142	N199	N197			RIGID	None	None	RIGID	Typical
143	M143	N197	N198			RIGID	None	None	RIGID	Typical
144	M144	N207	N210			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
145	M145	N206	N209			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
146	M146	N210	N208			RIGID	None	None	RIGID	Typical
147	M147	N209	N208			RIGID	None	None	RIGID	Typical
148	M148	N207	N205			RIGID	None	None	RIGID	Typical
149	M149	N205	N206			RIGID	None	None	RIGID	Typical
150	MPB3	N219	N218			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
151	M151	N214	N217			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
152	M152	N213	N216			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
153	M153	N217	N215			RIGID	None	None	RIGID	Typical
154	M154	N216	N215			RIGID	None	None	RIGID	Typical
155	M155	N214	N212			RIGID	None	None	RIGID	Typical
156	M156	N212	N213			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
157	M157	N222	N225			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
158	M158	N221	N224			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
159	M159	N225	N223			RIGID	None	None	RIGID	Typical
160	M160	N224	N223			RIGID	None	None	RIGID	Typical
161	M161	N222	N220			RIGID	None	None	RIGID	Typical
162	M162	N220	N221			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	M52A						Yes				None
35	M53						Yes	Default			None
36	M54						Yes	Default			None
37	M55						Yes	Default			None
38	M56						Yes	** NA **			None
39	M57						Yes	** NA **			None
40	M58A	OOOOOX	OOOOOX				Yes	Default			None
41	M59A	OOOOOX	OOOOOX				Yes	Default			None
42	M60						Yes	** NA **			None
43	M61						Yes	** NA **			None
44	M62						Yes	** NA **			None
45	M63						Yes	** NA **			None
46	M64						Yes	** NA **			None
47	M65		BenPIN				Yes	** NA **			None
48	M66						Yes				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...
49	M67		BenPIN				Yes	** NA **			None
50	M68						Yes	** NA **			None
51	M69						Yes	** NA **			None
52	M70		BenPIN				Yes	** NA **			None
53	M71						Yes				None
54	M72		BenPIN				Yes	** NA **			None
55	M73						Yes	** NA **			None
56	M74						Yes	** NA **			None
57	M75						Yes	** NA **			None
58	M76A						Yes				None
59	M77A						Yes	Default			None
60	M78						Yes	Default			None
61	M79A						Yes	Default			None
62	M80A						Yes	** NA **			None
63	M81						Yes	** NA **			None
64	M82	OOOOOX	OOOOOX				Yes	Default			None
65	M83A	OOOOOX	OOOOOX				Yes	Default			None
66	M84A						Yes	** NA **			None
67	M85A						Yes	** NA **			None
68	M86						Yes	** NA **			None
69	M87						Yes	** NA **			None
70	M88A						Yes	** NA **			None
71	M89		BenPIN				Yes	** NA **			None
72	M90						Yes				None
73	M91A		BenPIN				Yes	** NA **			None
74	M92A						Yes	** NA **			None
75	M93						Yes	** NA **			None
76	M94		BenPIN				Yes	** NA **			None
77	M95						Yes				None
78	M96		BenPIN				Yes	** NA **			None
79	M97						Yes	** NA **			None
80	M98						Yes	** NA **			None
81	M99						Yes	** NA **			None
82	M82A						Yes	Default			None
83	M91B						Yes	Default			None
84	M84B						Yes	** NA **			None
85	M85B						Yes	** NA **			None
86	M86A						Yes	** NA **			None
87	M87A						Yes	** NA **			None
88	MP3C						Yes	** NA **			None
89	MP4C						Yes	** NA **			None
90	MP2C						Yes	** NA **			None
91	MP1C						Yes	** NA **			None
92	M92B						Yes	** NA **			None
93	M93A						Yes	** NA **			None
94	M94A						Yes	** NA **			None
95	M95A						Yes	** NA **			None
96	MP3B						Yes	** NA **			None
97	MP4B						Yes	** NA **			None
98	MP2B						Yes	** NA **			None
99	MP1B						Yes	** NA **			None
100	M100						Yes	Default			None
101	M101						Yes	** NA **			None
102	M102						Yes	** NA **			None
103	M103						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105	OOOOOX					Yes	** NA **			None
106	M106	OOOOOX					Yes	** NA **			None
107	M107						Yes	Default			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...
108	M108						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M110						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112	OOOOOX					Yes	** NA **			None
113	M113	OOOOOX					Yes	** NA **			None
114	M114						Yes	Default			None
115	M115						Yes	** NA **			None
116	M116						Yes	** NA **			None
117	M117						Yes	** NA **			None
118	M118						Yes	** NA **			None
119	M119	OOOOOX					Yes	** NA **			None
120	M120	OOOOOX					Yes	** NA **			None
121	M121						Yes				None
122	M122						Yes				None
123	M123						Yes				None
124	MPA3						Yes	** NA **			None
125	M125						Yes				None
126	M126						Yes				None
127	M127		OOOXOO				Yes	** NA **			None
128	M128		OOOXOO				Yes	** NA **			None
129	M129						Yes	** NA **			None
130	M130						Yes	** NA **			None
131	M131						Yes				None
132	M132						Yes				None
133	M133		OOOXOO				Yes	** NA **			None
134	M134		OOOXOO				Yes	** NA **			None
135	M135						Yes	** NA **			None
136	M136						Yes	** NA **			None
137	MPC3						Yes	** NA **			None
138	M138						Yes				None
139	M139						Yes				None
140	M140		OOOXOO				Yes	** NA **			None
141	M141		OOOXOO				Yes	** NA **			None
142	M142						Yes	** NA **			None
143	M143						Yes	** NA **			None
144	M144						Yes				None
145	M145						Yes				None
146	M146		OOOXOO				Yes	** NA **			None
147	M147		OOOXOO				Yes	** NA **			None
148	M148						Yes	** NA **			None
149	M149						Yes	** NA **			None
150	MPB3						Yes	** NA **			None
151	M151						Yes				None
152	M152						Yes				None
153	M153		OOOXOO				Yes	** NA **			None
154	M154		OOOXOO				Yes	** NA **			None
155	M155						Yes	** NA **			None
156	M156						Yes	** NA **			None
157	M157						Yes				None
158	M158						Yes				None
159	M159		OOOXOO				Yes	** NA **			None
160	M160		OOOXOO				Yes	** NA **			None
161	M161						Yes	** NA **			None
162	M162						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-10	.25
2	MP1A	My	-.005	.25
3	MP1A	Mz	0	.25
4	MP1A	Y	-10	3.75
5	MP1A	My	-.005	3.75
6	MP1A	Mz	0	3.75
7	MP1B	Y	-10	.25
8	MP1B	My	.003	.25
9	MP1B	Mz	-.004	.25
10	MP1B	Y	-10	3.75
11	MP1B	My	.003	3.75
12	MP1B	Mz	-.004	3.75
13	MP1C	Y	-10	.25
14	MP1C	My	.003	.25
15	MP1C	Mz	.004	.25
16	MP1C	Y	-10	3.75
17	MP1C	My	.003	3.75
18	MP1C	Mz	.004	3.75
19	MP4A	Y	-10	.25
20	MP4A	My	-.005	.25
21	MP4A	Mz	0	.25
22	MP4A	Y	-10	3.75
23	MP4A	My	-.005	3.75
24	MP4A	Mz	0	3.75
25	MP4B	Y	-10	.25
26	MP4B	My	.003	.25
27	MP4B	Mz	-.004	.25
28	MP4B	Y	-10	3.75
29	MP4B	My	.003	3.75
30	MP4B	Mz	-.004	3.75
31	MP4C	Y	-10	.25
32	MP4C	My	.003	.25
33	MP4C	Mz	.004	.25
34	MP4C	Y	-10	3.75
35	MP4C	My	.003	3.75
36	MP4C	Mz	.004	3.75
37	MP3A	Y	-31.65	.46
38	MP3A	My	-.016	.46
39	MP3A	Mz	.02	.46
40	MP3A	Y	-31.65	4.29
41	MP3A	My	-.016	4.29
42	MP3A	Mz	.02	4.29
43	MP3B	Y	-31.65	.46
44	MP3B	My	-.009	.46
45	MP3B	Mz	-.024	.46
46	MP3B	Y	-31.65	4.29
47	MP3B	My	-.009	4.29
48	MP3B	Mz	-.024	4.29
49	MP3C	Y	-31.65	.46
50	MP3C	My	.025	.46
51	MP3C	Mz	-.000592	.46
52	MP3C	Y	-31.65	4.29
53	MP3C	My	.025	4.29
54	MP3C	Mz	-.000592	4.29
55	MP3A	Y	-31.65	.46
56	MP3A	My	-.016	.46
57	MP3A	Mz	-.02	.46
58	MP3A	Y	-31.65	4.29

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP3A	My	-.016	4.29
60	MP3A	Mz	-.02	4.29
61	MP3B	Y	-31.65	.46
62	MP3B	My	.025	.46
63	MP3B	Mz	-.004	.46
64	MP3B	Y	-31.65	4.29
65	MP3B	My	.025	4.29
66	MP3B	Mz	-.004	4.29
67	MP3C	Y	-31.65	.46
68	MP3C	My	-.005	.46
69	MP3C	Mz	.025	.46
70	MP3C	Y	-31.65	4.29
71	MP3C	My	-.005	4.29
72	MP3C	Mz	.025	4.29
73	MP2A	Y	-43.55	1
74	MP2A	My	-.022	1
75	MP2A	Mz	0	1
76	MP2A	Y	-43.55	3
77	MP2A	My	-.022	3
78	MP2A	Mz	0	3
79	MP2B	Y	-43.55	1
80	MP2B	My	.011	1
81	MP2B	Mz	-.019	1
82	MP2B	Y	-43.55	3
83	MP2B	My	.011	3
84	MP2B	Mz	-.019	3
85	MP2C	Y	-43.55	1
86	MP2C	My	.014	1
87	MP2C	Mz	.017	1
88	MP2C	Y	-43.55	3
89	MP2C	My	.014	3
90	MP2C	Mz	.017	3
91	MPA3	Y	-84.4	.5
92	MPA3	My	0	.5
93	MPA3	Mz	0	.5
94	MP4A	Y	-70.3	1.5
95	MP4A	My	.023	1.5
96	MP4A	Mz	0	1.5
97	MP4B	Y	-70.3	1.5
98	MP4B	My	-.012	1.5
99	MP4B	Mz	.02	1.5
100	MP4C	Y	-70.3	1.5
101	MP4C	My	-.012	1.5
102	MP4C	Mz	-.02	1.5
103	MP3A	Y	-10.4	2
104	MP3A	My	.002	2
105	MP3A	Mz	0	2
106	MP3B	Y	-10.4	2
107	MP3B	My	-.000867	2
108	MP3B	Mz	.002	2
109	MP3C	Y	-10.4	2
110	MP3C	My	-.000867	2
111	MP3C	Mz	-.002	2
112	MP3B	Y	-17.6	.25
113	MP3B	My	-.004	.25
114	MP3B	Mz	.008	.25
115	MP3B	Y	-17.6	.25
116	MP3B	My	-.004	.25
117	MP3B	Mz	.008	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
118	MPB3	Y	-84.4	.5
119	MPB3	My	0	.5
120	MPB3	Mz	0	.5
121	MPC3	Y	-84.4	.5
122	MPC3	My	0	.5
123	MPC3	Mz	0	.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-63.104	.25
2	MP1A	My	-.032	.25
3	MP1A	Mz	0	.25
4	MP1A	Y	-63.104	3.75
5	MP1A	My	-.032	3.75
6	MP1A	Mz	0	3.75
7	MP1B	Y	-63.104	.25
8	MP1B	My	.016	.25
9	MP1B	Mz	-.027	.25
10	MP1B	Y	-63.104	3.75
11	MP1B	My	.016	3.75
12	MP1B	Mz	-.027	3.75
13	MP1C	Y	-63.104	.25
14	MP1C	My	.02	.25
15	MP1C	Mz	.024	.25
16	MP1C	Y	-63.104	3.75
17	MP1C	My	.02	3.75
18	MP1C	Mz	.024	3.75
19	MP4A	Y	-63.104	.25
20	MP4A	My	-.032	.25
21	MP4A	Mz	0	.25
22	MP4A	Y	-63.104	3.75
23	MP4A	My	-.032	3.75
24	MP4A	Mz	0	3.75
25	MP4B	Y	-63.104	.25
26	MP4B	My	.016	.25
27	MP4B	Mz	-.027	.25
28	MP4B	Y	-63.104	3.75
29	MP4B	My	.016	3.75
30	MP4B	Mz	-.027	3.75
31	MP4C	Y	-63.104	.25
32	MP4C	My	.02	.25
33	MP4C	Mz	.024	.25
34	MP4C	Y	-63.104	3.75
35	MP4C	My	.02	3.75
36	MP4C	Mz	.024	3.75
37	MP3A	Y	-69.963	.46
38	MP3A	My	-.035	.46
39	MP3A	Mz	.044	.46
40	MP3A	Y	-69.963	4.29
41	MP3A	My	-.035	4.29
42	MP3A	Mz	.044	4.29
43	MP3B	Y	-69.963	.46
44	MP3B	My	-.02	.46
45	MP3B	Mz	-.052	.46
46	MP3B	Y	-69.963	4.29
47	MP3B	My	-.02	4.29
48	MP3B	Mz	-.052	4.29
49	MP3C	Y	-69.963	.46

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP3C	My	.056	.46
51	MP3C	Mz	-.001	.46
52	MP3C	Y	-69.963	4.29
53	MP3C	My	.056	4.29
54	MP3C	Mz	-.001	4.29
55	MP3A	Y	-69.963	.46
56	MP3A	My	-.035	.46
57	MP3A	Mz	-.044	.46
58	MP3A	Y	-69.963	4.29
59	MP3A	My	-.035	4.29
60	MP3A	Mz	-.044	4.29
61	MP3B	Y	-69.963	.46
62	MP3B	My	.055	.46
63	MP3B	Mz	-.008	.46
64	MP3B	Y	-69.963	4.29
65	MP3B	My	.055	4.29
66	MP3B	Mz	-.008	4.29
67	MP3C	Y	-69.963	.46
68	MP3C	My	-.011	.46
69	MP3C	Mz	.055	.46
70	MP3C	Y	-69.963	4.29
71	MP3C	My	-.011	4.29
72	MP3C	Mz	.055	4.29
73	MP2A	Y	-35.621	1
74	MP2A	My	-.018	1
75	MP2A	Mz	0	1
76	MP2A	Y	-35.621	3
77	MP2A	My	-.018	3
78	MP2A	Mz	0	3
79	MP2B	Y	-35.621	1
80	MP2B	My	.009	1
81	MP2B	Mz	-.015	1
82	MP2B	Y	-35.621	3
83	MP2B	My	.009	3
84	MP2B	Mz	-.015	3
85	MP2C	Y	-35.621	1
86	MP2C	My	.011	1
87	MP2C	Mz	.014	1
88	MP2C	Y	-35.621	3
89	MP2C	My	.011	3
90	MP2C	Mz	.014	3
91	MPA3	Y	-44.91	.5
92	MPA3	My	0	.5
93	MPA3	Mz	0	.5
94	MP4A	Y	-40.388	1.5
95	MP4A	My	.013	1.5
96	MP4A	Mz	0	1.5
97	MP4B	Y	-40.388	1.5
98	MP4B	My	-.007	1.5
99	MP4B	Mz	.012	1.5
100	MP4C	Y	-40.388	1.5
101	MP4C	My	-.007	1.5
102	MP4C	Mz	-.012	1.5
103	MP3A	Y	-10.743	2
104	MP3A	My	.002	2
105	MP3A	Mz	0	2
106	MP3B	Y	-10.743	2
107	MP3B	My	-.000895	2
108	MP3B	Mz	.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	MP3C	Y	-10.743	2
110	MP3C	My	-.000895	2
111	MP3C	Mz	-.002	2
112	MP3B	Y	-17.35	.25
113	MP3B	My	-.004	.25
114	MP3B	Mz	.008	.25
115	MP3B	Y	-17.35	.25
116	MP3B	My	-.004	.25
117	MP3B	Mz	.008	.25
118	MPB3	Y	-44.91	.5
119	MPB3	My	0	.5
120	MPB3	Mz	0	.5
121	MPC3	Y	-44.91	.5
122	MPC3	My	0	.5
123	MPC3	Mz	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	-130.22	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	3.75
5	MP1A	Z	-130.22	3.75
6	MP1A	Mx	0	3.75
7	MP1B	X	0	.25
8	MP1B	Z	-118.701	.25
9	MP1B	Mx	.051	.25
10	MP1B	X	0	3.75
11	MP1B	Z	-118.701	3.75
12	MP1B	Mx	.051	3.75
13	MP1C	X	0	.25
14	MP1C	Z	-121.207	.25
15	MP1C	Mx	-.046	.25
16	MP1C	X	0	3.75
17	MP1C	Z	-121.207	3.75
18	MP1C	Mx	-.046	3.75
19	MP4A	X	0	.25
20	MP4A	Z	-130.22	.25
21	MP4A	Mx	0	.25
22	MP4A	X	0	3.75
23	MP4A	Z	-130.22	3.75
24	MP4A	Mx	0	3.75
25	MP4B	X	0	.25
26	MP4B	Z	-118.701	.25
27	MP4B	Mx	.051	.25
28	MP4B	X	0	3.75
29	MP4B	Z	-118.701	3.75
30	MP4B	Mx	.051	3.75
31	MP4C	X	0	.25
32	MP4C	Z	-121.207	.25
33	MP4C	Mx	-.046	.25
34	MP4C	X	0	3.75
35	MP4C	Z	-121.207	3.75
36	MP4C	Mx	-.046	3.75
37	MP3A	X	0	.46
38	MP3A	Z	-192.895	.46
39	MP3A	Mx	-.121	.46
40	MP3A	X	0	4.29

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3A	Z	-192.895	4.29
42	MP3A	Mx	-.121	4.29
43	MP3B	X	0	.46
44	MP3B	Z	-143.242	.46
45	MP3B	Mx	.107	.46
46	MP3B	X	0	4.29
47	MP3B	Z	-143.242	4.29
48	MP3B	Mx	.107	4.29
49	MP3C	X	0	.46
50	MP3C	Z	-154.045	.46
51	MP3C	Mx	.003	.46
52	MP3C	X	0	4.29
53	MP3C	Z	-154.045	4.29
54	MP3C	Mx	.003	4.29
55	MP3A	X	0	.46
56	MP3A	Z	-192.895	.46
57	MP3A	Mx	.121	.46
58	MP3A	X	0	4.29
59	MP3A	Z	-192.895	4.29
60	MP3A	Mx	.121	4.29
61	MP3B	X	0	.46
62	MP3B	Z	-143.242	.46
63	MP3B	Mx	.017	.46
64	MP3B	X	0	4.29
65	MP3B	Z	-143.242	4.29
66	MP3B	Mx	.017	4.29
67	MP3C	X	0	.46
68	MP3C	Z	-154.045	.46
69	MP3C	Mx	-.121	.46
70	MP3C	X	0	4.29
71	MP3C	Z	-154.045	4.29
72	MP3C	Mx	-.121	4.29
73	MP2A	X	0	1
74	MP2A	Z	-83.002	1
75	MP2A	Mx	0	1
76	MP2A	X	0	3
77	MP2A	Z	-83.002	3
78	MP2A	Mx	0	3
79	MP2B	X	0	1
80	MP2B	Z	-42.189	1
81	MP2B	Mx	.018	1
82	MP2B	X	0	3
83	MP2B	Z	-42.189	3
84	MP2B	Mx	.018	3
85	MP2C	X	0	1
86	MP2C	Z	-51.069	1
87	MP2C	Mx	-.02	1
88	MP2C	X	0	3
89	MP2C	Z	-51.069	3
90	MP2C	Mx	-.02	3
91	MPA3	X	0	.5
92	MPA3	Z	-65.639	.5
93	MPA3	Mx	0	.5
94	MP4A	X	0	1.5
95	MP4A	Z	-65.639	1.5
96	MP4A	Mx	0	1.5
97	MP4B	X	0	1.5
98	MP4B	Z	-43.407	1.5
99	MP4B	Mx	-.013	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP4C	X	0	1.5
101	MP4C	Z	-43.407	1.5
102	MP4C	Mx	.013	1.5
103	MP3A	X	0	2
104	MP3A	Z	-15.669	2
105	MP3A	Mx	0	2
106	MP3B	X	0	2
107	MP3B	Z	-12.048	2
108	MP3B	Mx	-.002	2
109	MP3C	X	0	2
110	MP3C	Z	-12.048	2
111	MP3C	Mx	.002	2
112	MP3B	X	0	.25
113	MP3B	Z	-19.411	.25
114	MP3B	Mx	-.008	.25
115	MP3B	X	0	.25
116	MP3B	Z	-19.411	.25
117	MP3B	Mx	-.008	.25
118	MPB3	X	0	.5
119	MPB3	Z	-49.441	.5
120	MPB3	Mx	0	.5
121	MPC3	X	0	.5
122	MPC3	Z	-52.965	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	63.19	.25
2	MP1A	Z	-109.449	.25
3	MP1A	Mx	-.032	.25
4	MP1A	X	63.19	3.75
5	MP1A	Z	-109.449	3.75
6	MP1A	Mx	-.032	3.75
7	MP1B	X	57.431	.25
8	MP1B	Z	-99.473	.25
9	MP1B	Mx	.057	.25
10	MP1B	X	57.431	3.75
11	MP1B	Z	-99.473	3.75
12	MP1B	Mx	.057	3.75
13	MP1C	X	64.212	.25
14	MP1C	Z	-111.218	.25
15	MP1C	Mx	-.022	.25
16	MP1C	X	64.212	3.75
17	MP1C	Z	-111.218	3.75
18	MP1C	Mx	-.022	3.75
19	MP4A	X	63.19	.25
20	MP4A	Z	-109.449	.25
21	MP4A	Mx	-.032	.25
22	MP4A	X	63.19	3.75
23	MP4A	Z	-109.449	3.75
24	MP4A	Mx	-.032	3.75
25	MP4B	X	57.431	.25
26	MP4B	Z	-99.473	.25
27	MP4B	Mx	.057	.25
28	MP4B	X	57.431	3.75
29	MP4B	Z	-99.473	3.75
30	MP4B	Mx	.057	3.75
31	MP4C	X	64.212	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP4C	Z	-111.218	.25
33	MP4C	Mx	-.022	.25
34	MP4C	X	64.212	3.75
35	MP4C	Z	-111.218	3.75
36	MP4C	Mx	-.022	3.75
37	MP3A	X	88.172	.46
38	MP3A	Z	-152.718	.46
39	MP3A	Mx	-.14	.46
40	MP3A	X	88.172	4.29
41	MP3A	Z	-152.718	4.29
42	MP3A	Mx	-.14	4.29
43	MP3B	X	63.345	.46
44	MP3B	Z	-109.718	.46
45	MP3B	Mx	.063	.46
46	MP3B	X	63.345	4.29
47	MP3B	Z	-109.718	4.29
48	MP3B	Mx	.063	4.29
49	MP3C	X	92.575	.46
50	MP3C	Z	-160.345	.46
51	MP3C	Mx	.077	.46
52	MP3C	X	92.575	4.29
53	MP3C	Z	-160.345	4.29
54	MP3C	Mx	.077	4.29
55	MP3A	X	88.172	.46
56	MP3A	Z	-152.718	.46
57	MP3A	Mx	.051	.46
58	MP3A	X	88.172	4.29
59	MP3A	Z	-152.718	4.29
60	MP3A	Mx	.051	4.29
61	MP3B	X	63.345	.46
62	MP3B	Z	-109.718	.46
63	MP3B	Mx	.063	.46
64	MP3B	X	63.345	4.29
65	MP3B	Z	-109.718	4.29
66	MP3B	Mx	.063	4.29
67	MP3C	X	92.575	.46
68	MP3C	Z	-160.345	.46
69	MP3C	Mx	-.14	.46
70	MP3C	X	92.575	4.29
71	MP3C	Z	-160.345	4.29
72	MP3C	Mx	-.14	4.29
73	MP2A	X	34.699	1
74	MP2A	Z	-60.1	1
75	MP2A	Mx	-.017	1
76	MP2A	X	34.699	3
77	MP2A	Z	-60.1	3
78	MP2A	Mx	-.017	3
79	MP2B	X	14.292	1
80	MP2B	Z	-24.755	1
81	MP2B	Mx	.014	1
82	MP2B	X	14.292	3
83	MP2B	Z	-24.755	3
84	MP2B	Mx	.014	3
85	MP2C	X	38.318	1
86	MP2C	Z	-66.369	1
87	MP2C	Mx	-.013	1
88	MP2C	X	38.318	3
89	MP2C	Z	-66.369	3
90	MP2C	Mx	-.013	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MPA3	X	30.12	.5
92	MPA3	Z	-52.169	.5
93	MPA3	Mx	0	.5
94	MP4A	X	29.114	1.5
95	MP4A	Z	-50.427	1.5
96	MP4A	Mx	.01	1.5
97	MP4B	X	17.998	1.5
98	MP4B	Z	-31.173	1.5
99	MP4B	Mx	-.012	1.5
100	MP4C	X	29.114	1.5
101	MP4C	Z	-50.427	1.5
102	MP4C	Mx	.01	1.5
103	MP3A	X	7.231	2
104	MP3A	Z	-12.524	2
105	MP3A	Mx	.001	2
106	MP3B	X	5.421	2
107	MP3B	Z	-9.389	2
108	MP3B	Mx	-.002	2
109	MP3C	X	7.231	2
110	MP3C	Z	-12.524	2
111	MP3C	Mx	.001	2
112	MP3B	X	6.165	.25
113	MP3B	Z	-10.679	.25
114	MP3B	Mx	-.006	.25
115	MP3B	X	6.165	.25
116	MP3B	Z	-10.679	.25
117	MP3B	Mx	-.006	.25
118	MPB3	X	22.021	.5
119	MPB3	Z	-38.141	.5
120	MPB3	Mx	0	.5
121	MPC3	X	31.556	.5
122	MPC3	Z	-54.657	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	102.798	.25
2	MP1A	Z	-59.351	.25
3	MP1A	Mx	-.051	.25
4	MP1A	X	102.798	3.75
5	MP1A	Z	-59.351	3.75
6	MP1A	Mx	-.051	3.75
7	MP1B	X	102.798	.25
8	MP1B	Z	-59.351	.25
9	MP1B	Mx	.051	.25
10	MP1B	X	102.798	3.75
11	MP1B	Z	-59.351	3.75
12	MP1B	Mx	.051	3.75
13	MP1C	X	112.373	.25
14	MP1C	Z	-64.878	.25
15	MP1C	Mx	.011	.25
16	MP1C	X	112.373	3.75
17	MP1C	Z	-64.878	3.75
18	MP1C	Mx	.011	3.75
19	MP4A	X	102.798	.25
20	MP4A	Z	-59.351	.25
21	MP4A	Mx	-.051	.25
22	MP4A	X	102.798	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP4A	Z	-59.351	3.75
24	MP4A	Mx	-.051	3.75
25	MP4B	X	102.798	.25
26	MP4B	Z	-59.351	.25
27	MP4B	Mx	.051	.25
28	MP4B	X	102.798	3.75
29	MP4B	Z	-59.351	3.75
30	MP4B	Mx	.051	3.75
31	MP4C	X	112.373	.25
32	MP4C	Z	-64.878	.25
33	MP4C	Mx	.011	.25
34	MP4C	X	112.373	3.75
35	MP4C	Z	-64.878	3.75
36	MP4C	Mx	.011	3.75
37	MP3A	X	124.051	.46
38	MP3A	Z	-71.621	.46
39	MP3A	Mx	-.107	.46
40	MP3A	X	124.051	4.29
41	MP3A	Z	-71.621	4.29
42	MP3A	Mx	-.107	4.29
43	MP3B	X	124.051	.46
44	MP3B	Z	-71.621	.46
45	MP3B	Mx	.017	.46
46	MP3B	X	124.051	4.29
47	MP3B	Z	-71.621	4.29
48	MP3B	Mx	.017	4.29
49	MP3C	X	165.323	.46
50	MP3C	Z	-95.449	.46
51	MP3C	Mx	.134	.46
52	MP3C	X	165.323	4.29
53	MP3C	Z	-95.449	4.29
54	MP3C	Mx	.134	4.29
55	MP3A	X	124.051	.46
56	MP3A	Z	-71.621	.46
57	MP3A	Mx	-.017	.46
58	MP3A	X	124.051	4.29
59	MP3A	Z	-71.621	4.29
60	MP3A	Mx	-.017	4.29
61	MP3B	X	124.051	.46
62	MP3B	Z	-71.621	.46
63	MP3B	Mx	.107	.46
64	MP3B	X	124.051	4.29
65	MP3B	Z	-71.621	4.29
66	MP3B	Mx	.107	4.29
67	MP3C	X	165.323	.46
68	MP3C	Z	-95.449	.46
69	MP3C	Mx	-.101	.46
70	MP3C	X	165.323	4.29
71	MP3C	Z	-95.449	4.29
72	MP3C	Mx	-.101	4.29
73	MP2A	X	36.537	1
74	MP2A	Z	-21.095	1
75	MP2A	Mx	-.018	1
76	MP2A	X	36.537	3
77	MP2A	Z	-21.095	3
78	MP2A	Mx	-.018	3
79	MP2B	X	36.537	1
80	MP2B	Z	-21.095	1
81	MP2B	Mx	.018	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP2B	X	36.537	3
83	MP2B	Z	-21.095	3
84	MP2B	Mx	.018	3
85	MP2C	X	70.461	1
86	MP2C	Z	-40.681	1
87	MP2C	Mx	.007	1
88	MP2C	X	70.461	3
89	MP2C	Z	-40.681	3
90	MP2C	Mx	.007	3
91	MPA3	X	42.817	.5
92	MPA3	Z	-24.721	.5
93	MPA3	Mx	0	.5
94	MP4A	X	37.591	1.5
95	MP4A	Z	-21.703	1.5
96	MP4A	Mx	.013	1.5
97	MP4B	X	37.591	1.5
98	MP4B	Z	-21.703	1.5
99	MP4B	Mx	-.013	1.5
100	MP4C	X	56.845	1.5
101	MP4C	Z	-32.82	1.5
102	MP4C	Mx	0	1.5
103	MP3A	X	10.434	2
104	MP3A	Z	-6.024	2
105	MP3A	Mx	.002	2
106	MP3B	X	10.434	2
107	MP3B	Z	-6.024	2
108	MP3B	Mx	-.002	2
109	MP3C	X	13.57	2
110	MP3C	Z	-7.834	2
111	MP3C	Mx	0	2
112	MP3B	X	16.811	.25
113	MP3B	Z	-9.706	.25
114	MP3B	Mx	-.008	.25
115	MP3B	X	16.811	.25
116	MP3B	Z	-9.706	.25
117	MP3B	Mx	-.008	.25
118	MPB3	X	42.817	.5
119	MPB3	Z	-24.721	.5
120	MPB3	Mx	0	.5
121	MPC3	X	56.281	.5
122	MPC3	Z	-32.494	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	114.862	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	-.057	.25
4	MP1A	X	114.862	3.75
5	MP1A	Z	0	3.75
6	MP1A	Mx	-.057	3.75
7	MP1B	X	126.38	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	.032	.25
10	MP1B	X	126.38	3.75
11	MP1B	Z	0	3.75
12	MP1B	Mx	.032	3.75
13	MP1C	X	123.874	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP1C	Z	0	.25
15	MP1C	Mx	.04	.25
16	MP1C	X	123.874	3.75
17	MP1C	Z	0	3.75
18	MP1C	Mx	.04	3.75
19	MP4A	X	114.862	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	-.057	.25
22	MP4A	X	114.862	3.75
23	MP4A	Z	0	3.75
24	MP4A	Mx	-.057	3.75
25	MP4B	X	126.38	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	.032	.25
28	MP4B	X	126.38	3.75
29	MP4B	Z	0	3.75
30	MP4B	Mx	.032	3.75
31	MP4C	X	123.874	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	.04	.25
34	MP4C	X	123.874	3.75
35	MP4C	Z	0	3.75
36	MP4C	Mx	.04	3.75
37	MP3A	X	126.691	.46
38	MP3A	Z	0	.46
39	MP3A	Mx	-.063	.46
40	MP3A	X	126.691	4.29
41	MP3A	Z	0	4.29
42	MP3A	Mx	-.063	4.29
43	MP3B	X	176.344	.46
44	MP3B	Z	0	.46
45	MP3B	Mx	-.051	.46
46	MP3B	X	176.344	4.29
47	MP3B	Z	0	4.29
48	MP3B	Mx	-.051	4.29
49	MP3C	X	165.541	.46
50	MP3C	Z	0	.46
51	MP3C	Mx	.132	.46
52	MP3C	X	165.541	4.29
53	MP3C	Z	0	4.29
54	MP3C	Mx	.132	4.29
55	MP3A	X	126.691	.46
56	MP3A	Z	0	.46
57	MP3A	Mx	-.063	.46
58	MP3A	X	126.691	4.29
59	MP3A	Z	0	4.29
60	MP3A	Mx	-.063	4.29
61	MP3B	X	176.344	.46
62	MP3B	Z	0	.46
63	MP3B	Mx	.14	.46
64	MP3B	X	176.344	4.29
65	MP3B	Z	0	4.29
66	MP3B	Mx	.14	4.29
67	MP3C	X	165.541	.46
68	MP3C	Z	0	.46
69	MP3C	Mx	-.026	.46
70	MP3C	X	165.541	4.29
71	MP3C	Z	0	4.29
72	MP3C	Mx	-.026	4.29

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP2A	X	28.585	1
74	MP2A	Z	0	1
75	MP2A	Mx	-.014	1
76	MP2A	X	28.585	3
77	MP2A	Z	0	3
78	MP2A	Mx	-.014	3
79	MP2B	X	69.398	1
80	MP2B	Z	0	1
81	MP2B	Mx	.017	1
82	MP2B	X	69.398	3
83	MP2B	Z	0	3
84	MP2B	Mx	.017	3
85	MP2C	X	60.518	1
86	MP2C	Z	0	1
87	MP2C	Mx	.019	1
88	MP2C	X	60.518	3
89	MP2C	Z	0	3
90	MP2C	Mx	.019	3
91	MPA3	X	44.042	.5
92	MPA3	Z	0	.5
93	MPA3	Mx	0	.5
94	MP4A	X	35.996	1.5
95	MP4A	Z	0	1.5
96	MP4A	Mx	.012	1.5
97	MP4B	X	58.228	1.5
98	MP4B	Z	0	1.5
99	MP4B	Mx	-.01	1.5
100	MP4C	X	58.228	1.5
101	MP4C	Z	0	1.5
102	MP4C	Mx	-.01	1.5
103	MP3A	X	10.841	2
104	MP3A	Z	0	2
105	MP3A	Mx	.002	2
106	MP3B	X	14.462	2
107	MP3B	Z	0	2
108	MP3B	Mx	-.001	2
109	MP3C	X	14.462	2
110	MP3C	Z	0	2
111	MP3C	Mx	-.001	2
112	MP3B	X	33.573	.25
113	MP3B	Z	0	.25
114	MP3B	Mx	-.008	.25
115	MP3B	X	33.573	.25
116	MP3B	Z	0	.25
117	MP3B	Mx	-.008	.25
118	MPB3	X	60.24	.5
119	MPB3	Z	0	.5
120	MPB3	Mx	0	.5
121	MPC3	X	56.716	.5
122	MPC3	Z	0	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	102.798	.25
2	MP1A	Z	59.351	.25
3	MP1A	Mx	-.051	.25
4	MP1A	X	102.798	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP1A	Z	59.351	3.75
6	MP1A	Mx	-.051	3.75
7	MP1B	X	112.774	.25
8	MP1B	Z	65.11	.25
9	MP1B	Mx	0	.25
10	MP1B	X	112.774	3.75
11	MP1B	Z	65.11	3.75
12	MP1B	Mx	0	3.75
13	MP1C	X	101.029	.25
14	MP1C	Z	58.329	.25
15	MP1C	Mx	.055	.25
16	MP1C	X	101.029	3.75
17	MP1C	Z	58.329	3.75
18	MP1C	Mx	.055	3.75
19	MP4A	X	102.798	.25
20	MP4A	Z	59.351	.25
21	MP4A	Mx	-.051	.25
22	MP4A	X	102.798	3.75
23	MP4A	Z	59.351	3.75
24	MP4A	Mx	-.051	3.75
25	MP4B	X	112.774	.25
26	MP4B	Z	65.11	.25
27	MP4B	Mx	0	.25
28	MP4B	X	112.774	3.75
29	MP4B	Z	65.11	3.75
30	MP4B	Mx	0	3.75
31	MP4C	X	101.029	.25
32	MP4C	Z	58.329	.25
33	MP4C	Mx	.055	.25
34	MP4C	X	101.029	3.75
35	MP4C	Z	58.329	3.75
36	MP4C	Mx	.055	3.75
37	MP3A	X	124.051	.46
38	MP3A	Z	71.621	.46
39	MP3A	Mx	-.017	.46
40	MP3A	X	124.051	4.29
41	MP3A	Z	71.621	4.29
42	MP3A	Mx	-.017	4.29
43	MP3B	X	167.052	.46
44	MP3B	Z	96.447	.46
45	MP3B	Mx	-.121	.46
46	MP3B	X	167.052	4.29
47	MP3B	Z	96.447	4.29
48	MP3B	Mx	-.121	4.29
49	MP3C	X	116.424	.46
50	MP3C	Z	67.218	.46
51	MP3C	Mx	.092	.46
52	MP3C	X	116.424	4.29
53	MP3C	Z	67.218	4.29
54	MP3C	Mx	.092	4.29
55	MP3A	X	124.051	.46
56	MP3A	Z	71.621	.46
57	MP3A	Mx	-.107	.46
58	MP3A	X	124.051	4.29
59	MP3A	Z	71.621	4.29
60	MP3A	Mx	-.107	4.29
61	MP3B	X	167.052	.46
62	MP3B	Z	96.447	.46
63	MP3B	Mx	.121	.46

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP3B	X	167.052	4.29
65	MP3B	Z	96.447	4.29
66	MP3B	Mx	.121	4.29
67	MP3C	X	116.424	.46
68	MP3C	Z	67.218	.46
69	MP3C	Mx	.034	.46
70	MP3C	X	116.424	4.29
71	MP3C	Z	67.218	4.29
72	MP3C	Mx	.034	4.29
73	MP2A	X	36.537	1
74	MP2A	Z	21.095	1
75	MP2A	Mx	-.018	1
76	MP2A	X	36.537	3
77	MP2A	Z	21.095	3
78	MP2A	Mx	-.018	3
79	MP2B	X	71.882	1
80	MP2B	Z	41.501	1
81	MP2B	Mx	0	1
82	MP2B	X	71.882	3
83	MP2B	Z	41.501	3
84	MP2B	Mx	0	3
85	MP2C	X	30.268	1
86	MP2C	Z	17.475	1
87	MP2C	Mx	.016	1
88	MP2C	X	30.268	3
89	MP2C	Z	17.475	3
90	MP2C	Mx	.016	3
91	MPA3	X	42.817	.5
92	MPA3	Z	24.721	.5
93	MPA3	Mx	0	.5
94	MP4A	X	37.591	1.5
95	MP4A	Z	21.703	1.5
96	MP4A	Mx	.013	1.5
97	MP4B	X	56.845	1.5
98	MP4B	Z	32.82	1.5
99	MP4B	Mx	0	1.5
100	MP4C	X	37.591	1.5
101	MP4C	Z	21.703	1.5
102	MP4C	Mx	-.013	1.5
103	MP3A	X	10.434	2
104	MP3A	Z	6.024	2
105	MP3A	Mx	.002	2
106	MP3B	X	13.57	2
107	MP3B	Z	7.834	2
108	MP3B	Mx	0	2
109	MP3C	X	10.434	2
110	MP3C	Z	6.024	2
111	MP3C	Mx	-.002	2
112	MP3B	X	35.207	.25
113	MP3B	Z	20.327	.25
114	MP3B	Mx	0	.25
115	MP3B	X	35.207	.25
116	MP3B	Z	20.327	.25
117	MP3B	Mx	0	.25
118	MPB3	X	56.845	.5
119	MPB3	Z	32.82	.5
120	MPB3	Mx	0	.5
121	MPC3	X	40.329	.5
122	MPC3	Z	23.284	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	63.19	.25
2	MP1A	Z	109.449	.25
3	MP1A	Mx	-.032	.25
4	MP1A	X	63.19	3.75
5	MP1A	Z	109.449	3.75
6	MP1A	Mx	-.032	3.75
7	MP1B	X	63.19	.25
8	MP1B	Z	109.449	.25
9	MP1B	Mx	-.032	.25
10	MP1B	X	63.19	3.75
11	MP1B	Z	109.449	3.75
12	MP1B	Mx	-.032	3.75
13	MP1C	X	57.662	.25
14	MP1C	Z	99.874	.25
15	MP1C	Mx	.057	.25
16	MP1C	X	57.662	3.75
17	MP1C	Z	99.874	3.75
18	MP1C	Mx	.057	3.75
19	MP4A	X	63.19	.25
20	MP4A	Z	109.449	.25
21	MP4A	Mx	-.032	.25
22	MP4A	X	63.19	3.75
23	MP4A	Z	109.449	3.75
24	MP4A	Mx	-.032	3.75
25	MP4B	X	63.19	.25
26	MP4B	Z	109.449	.25
27	MP4B	Mx	-.032	.25
28	MP4B	X	63.19	3.75
29	MP4B	Z	109.449	3.75
30	MP4B	Mx	-.032	3.75
31	MP4C	X	57.662	.25
32	MP4C	Z	99.874	.25
33	MP4C	Mx	.057	.25
34	MP4C	X	57.662	3.75
35	MP4C	Z	99.874	3.75
36	MP4C	Mx	.057	3.75
37	MP3A	X	88.172	.46
38	MP3A	Z	152.718	.46
39	MP3A	Mx	.051	.46
40	MP3A	X	88.172	4.29
41	MP3A	Z	152.718	4.29
42	MP3A	Mx	.051	4.29
43	MP3B	X	88.172	.46
44	MP3B	Z	152.718	.46
45	MP3B	Mx	-.14	.46
46	MP3B	X	88.172	4.29
47	MP3B	Z	152.718	4.29
48	MP3B	Mx	-.14	4.29
49	MP3C	X	64.344	.46
50	MP3C	Z	111.446	.46
51	MP3C	Mx	.049	.46
52	MP3C	X	64.344	4.29
53	MP3C	Z	111.446	4.29
54	MP3C	Mx	.049	4.29

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
55	MP3A	X	88.172	.46
56	MP3A	Z	152.718	.46
57	MP3A	Mx	-.14	.46
58	MP3A	X	88.172	4.29
59	MP3A	Z	152.718	4.29
60	MP3A	Mx	-.14	4.29
61	MP3B	X	88.172	.46
62	MP3B	Z	152.718	.46
63	MP3B	Mx	.051	.46
64	MP3B	X	88.172	4.29
65	MP3B	Z	152.718	4.29
66	MP3B	Mx	.051	4.29
67	MP3C	X	64.344	.46
68	MP3C	Z	111.446	.46
69	MP3C	Mx	.077	.46
70	MP3C	X	64.344	4.29
71	MP3C	Z	111.446	4.29
72	MP3C	Mx	.077	4.29
73	MP2A	X	34.699	1
74	MP2A	Z	60.1	1
75	MP2A	Mx	-.017	1
76	MP2A	X	34.699	3
77	MP2A	Z	60.1	3
78	MP2A	Mx	-.017	3
79	MP2B	X	34.699	1
80	MP2B	Z	60.1	1
81	MP2B	Mx	-.017	1
82	MP2B	X	34.699	3
83	MP2B	Z	60.1	3
84	MP2B	Mx	-.017	3
85	MP2C	X	15.113	1
86	MP2C	Z	26.176	1
87	MP2C	Mx	.015	1
88	MP2C	X	15.113	3
89	MP2C	Z	26.176	3
90	MP2C	Mx	.015	3
91	MPA3	X	30.12	.5
92	MPA3	Z	52.169	.5
93	MPA3	Mx	0	.5
94	MP4A	X	29.114	1.5
95	MP4A	Z	50.427	1.5
96	MP4A	Mx	.01	1.5
97	MP4B	X	29.114	1.5
98	MP4B	Z	50.427	1.5
99	MP4B	Mx	.01	1.5
100	MP4C	X	17.998	1.5
101	MP4C	Z	31.173	1.5
102	MP4C	Mx	-.012	1.5
103	MP3A	X	7.231	2
104	MP3A	Z	12.524	2
105	MP3A	Mx	.001	2
106	MP3B	X	7.231	2
107	MP3B	Z	12.524	2
108	MP3B	Mx	.001	2
109	MP3C	X	5.421	2
110	MP3C	Z	9.389	2
111	MP3C	Mx	-.002	2
112	MP3B	X	16.787	.25
113	MP3B	Z	29.075	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
114	MP3B	Mx	.008	.25
115	MP3B	X	16.787	.25
116	MP3B	Z	29.075	.25
117	MP3B	Mx	.008	.25
118	MPB3	X	30.12	.5
119	MPB3	Z	52.169	.5
120	MPB3	Mx	0	.5
121	MPC3	X	22.347	.5
122	MPC3	Z	38.705	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	130.22	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	3.75
5	MP1A	Z	130.22	3.75
6	MP1A	Mx	0	3.75
7	MP1B	X	0	.25
8	MP1B	Z	118.701	.25
9	MP1B	Mx	-.051	.25
10	MP1B	X	0	3.75
11	MP1B	Z	118.701	3.75
12	MP1B	Mx	-.051	3.75
13	MP1C	X	0	.25
14	MP1C	Z	121.207	.25
15	MP1C	Mx	.046	.25
16	MP1C	X	0	3.75
17	MP1C	Z	121.207	3.75
18	MP1C	Mx	.046	3.75
19	MP4A	X	0	.25
20	MP4A	Z	130.22	.25
21	MP4A	Mx	0	.25
22	MP4A	X	0	3.75
23	MP4A	Z	130.22	3.75
24	MP4A	Mx	0	3.75
25	MP4B	X	0	.25
26	MP4B	Z	118.701	.25
27	MP4B	Mx	-.051	.25
28	MP4B	X	0	3.75
29	MP4B	Z	118.701	3.75
30	MP4B	Mx	-.051	3.75
31	MP4C	X	0	.25
32	MP4C	Z	121.207	.25
33	MP4C	Mx	.046	.25
34	MP4C	X	0	3.75
35	MP4C	Z	121.207	3.75
36	MP4C	Mx	.046	3.75
37	MP3A	X	0	.46
38	MP3A	Z	192.895	.46
39	MP3A	Mx	.121	.46
40	MP3A	X	0	4.29
41	MP3A	Z	192.895	4.29
42	MP3A	Mx	.121	4.29
43	MP3B	X	0	.46
44	MP3B	Z	143.242	.46
45	MP3B	Mx	-.107	.46

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP3B	X	0	4.29
47	MP3B	Z	143.242	4.29
48	MP3B	Mx	-.107	4.29
49	MP3C	X	0	.46
50	MP3C	Z	154.045	.46
51	MP3C	Mx	-.003	.46
52	MP3C	X	0	4.29
53	MP3C	Z	154.045	4.29
54	MP3C	Mx	-.003	4.29
55	MP3A	X	0	.46
56	MP3A	Z	192.895	.46
57	MP3A	Mx	-.121	.46
58	MP3A	X	0	4.29
59	MP3A	Z	192.895	4.29
60	MP3A	Mx	-.121	4.29
61	MP3B	X	0	.46
62	MP3B	Z	143.242	.46
63	MP3B	Mx	-.017	.46
64	MP3B	X	0	4.29
65	MP3B	Z	143.242	4.29
66	MP3B	Mx	-.017	4.29
67	MP3C	X	0	.46
68	MP3C	Z	154.045	.46
69	MP3C	Mx	.121	.46
70	MP3C	X	0	4.29
71	MP3C	Z	154.045	4.29
72	MP3C	Mx	.121	4.29
73	MP2A	X	0	1
74	MP2A	Z	83.002	1
75	MP2A	Mx	0	1
76	MP2A	X	0	3
77	MP2A	Z	83.002	3
78	MP2A	Mx	0	3
79	MP2B	X	0	1
80	MP2B	Z	42.189	1
81	MP2B	Mx	-.018	1
82	MP2B	X	0	3
83	MP2B	Z	42.189	3
84	MP2B	Mx	-.018	3
85	MP2C	X	0	1
86	MP2C	Z	51.069	1
87	MP2C	Mx	.02	1
88	MP2C	X	0	3
89	MP2C	Z	51.069	3
90	MP2C	Mx	.02	3
91	MPA3	X	0	.5
92	MPA3	Z	65.639	.5
93	MPA3	Mx	0	.5
94	MP4A	X	0	1.5
95	MP4A	Z	65.639	1.5
96	MP4A	Mx	0	1.5
97	MP4B	X	0	1.5
98	MP4B	Z	43.407	1.5
99	MP4B	Mx	.013	1.5
100	MP4C	X	0	1.5
101	MP4C	Z	43.407	1.5
102	MP4C	Mx	-.013	1.5
103	MP3A	X	0	2
104	MP3A	Z	15.669	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP3A	Mx	0	2
106	MP3B	X	0	2
107	MP3B	Z	12.048	2
108	MP3B	Mx	.002	2
109	MP3C	X	0	2
110	MP3C	Z	12.048	2
111	MP3C	Mx	-.002	2
112	MP3B	X	0	.25
113	MP3B	Z	19.411	.25
114	MP3B	Mx	.008	.25
115	MP3B	X	0	.25
116	MP3B	Z	19.411	.25
117	MP3B	Mx	.008	.25
118	MPB3	X	0	.5
119	MPB3	Z	49.441	.5
120	MPB3	Mx	0	.5
121	MPC3	X	0	.5
122	MPC3	Z	52.965	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-63.19	.25
2	MP1A	Z	109.449	.25
3	MP1A	Mx	.032	.25
4	MP1A	X	-63.19	3.75
5	MP1A	Z	109.449	3.75
6	MP1A	Mx	.032	3.75
7	MP1B	X	-57.431	.25
8	MP1B	Z	99.473	.25
9	MP1B	Mx	-.057	.25
10	MP1B	X	-57.431	3.75
11	MP1B	Z	99.473	3.75
12	MP1B	Mx	-.057	3.75
13	MP1C	X	-64.212	.25
14	MP1C	Z	111.218	.25
15	MP1C	Mx	.022	.25
16	MP1C	X	-64.212	3.75
17	MP1C	Z	111.218	3.75
18	MP1C	Mx	.022	3.75
19	MP4A	X	-63.19	.25
20	MP4A	Z	109.449	.25
21	MP4A	Mx	.032	.25
22	MP4A	X	-63.19	3.75
23	MP4A	Z	109.449	3.75
24	MP4A	Mx	.032	3.75
25	MP4B	X	-57.431	.25
26	MP4B	Z	99.473	.25
27	MP4B	Mx	-.057	.25
28	MP4B	X	-57.431	3.75
29	MP4B	Z	99.473	3.75
30	MP4B	Mx	-.057	3.75
31	MP4C	X	-64.212	.25
32	MP4C	Z	111.218	.25
33	MP4C	Mx	.022	.25
34	MP4C	X	-64.212	3.75
35	MP4C	Z	111.218	3.75
36	MP4C	Mx	.022	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3A	X	-88.172	.46
38	MP3A	Z	152.718	.46
39	MP3A	Mx	.14	.46
40	MP3A	X	-88.172	4.29
41	MP3A	Z	152.718	4.29
42	MP3A	Mx	.14	4.29
43	MP3B	X	-63.345	.46
44	MP3B	Z	109.718	.46
45	MP3B	Mx	-.063	.46
46	MP3B	X	-63.345	4.29
47	MP3B	Z	109.718	4.29
48	MP3B	Mx	-.063	4.29
49	MP3C	X	-92.575	.46
50	MP3C	Z	160.345	.46
51	MP3C	Mx	-.077	.46
52	MP3C	X	-92.575	4.29
53	MP3C	Z	160.345	4.29
54	MP3C	Mx	-.077	4.29
55	MP3A	X	-88.172	.46
56	MP3A	Z	152.718	.46
57	MP3A	Mx	-.051	.46
58	MP3A	X	-88.172	4.29
59	MP3A	Z	152.718	4.29
60	MP3A	Mx	-.051	4.29
61	MP3B	X	-63.345	.46
62	MP3B	Z	109.718	.46
63	MP3B	Mx	-.063	.46
64	MP3B	X	-63.345	4.29
65	MP3B	Z	109.718	4.29
66	MP3B	Mx	-.063	4.29
67	MP3C	X	-92.575	.46
68	MP3C	Z	160.345	.46
69	MP3C	Mx	.14	.46
70	MP3C	X	-92.575	4.29
71	MP3C	Z	160.345	4.29
72	MP3C	Mx	.14	4.29
73	MP2A	X	-34.699	1
74	MP2A	Z	60.1	1
75	MP2A	Mx	.017	1
76	MP2A	X	-34.699	3
77	MP2A	Z	60.1	3
78	MP2A	Mx	.017	3
79	MP2B	X	-14.292	1
80	MP2B	Z	24.755	1
81	MP2B	Mx	-.014	1
82	MP2B	X	-14.292	3
83	MP2B	Z	24.755	3
84	MP2B	Mx	-.014	3
85	MP2C	X	-38.318	1
86	MP2C	Z	66.369	1
87	MP2C	Mx	.013	1
88	MP2C	X	-38.318	3
89	MP2C	Z	66.369	3
90	MP2C	Mx	.013	3
91	MPA3	X	-30.12	.5
92	MPA3	Z	52.169	.5
93	MPA3	Mx	0	.5
94	MP4A	X	-29.114	1.5
95	MP4A	Z	50.427	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	MP4A	Mx	-.01	1.5
97	MP4B	X	-17.998	1.5
98	MP4B	Z	31.173	1.5
99	MP4B	Mx	.012	1.5
100	MP4C	X	-29.114	1.5
101	MP4C	Z	50.427	1.5
102	MP4C	Mx	-.01	1.5
103	MP3A	X	-7.231	2
104	MP3A	Z	12.524	2
105	MP3A	Mx	-.001	2
106	MP3B	X	-5.421	2
107	MP3B	Z	9.389	2
108	MP3B	Mx	.002	2
109	MP3C	X	-7.231	2
110	MP3C	Z	12.524	2
111	MP3C	Mx	-.001	2
112	MP3B	X	-6.165	.25
113	MP3B	Z	10.679	.25
114	MP3B	Mx	.006	.25
115	MP3B	X	-6.165	.25
116	MP3B	Z	10.679	.25
117	MP3B	Mx	.006	.25
118	MPB3	X	-22.021	.5
119	MPB3	Z	38.141	.5
120	MPB3	Mx	0	.5
121	MPC3	X	-31.556	.5
122	MPC3	Z	54.657	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-102.798	.25
2	MP1A	Z	59.351	.25
3	MP1A	Mx	.051	.25
4	MP1A	X	-102.798	3.75
5	MP1A	Z	59.351	3.75
6	MP1A	Mx	.051	3.75
7	MP1B	X	-102.798	.25
8	MP1B	Z	59.351	.25
9	MP1B	Mx	-.051	.25
10	MP1B	X	-102.798	3.75
11	MP1B	Z	59.351	3.75
12	MP1B	Mx	-.051	3.75
13	MP1C	X	-112.373	.25
14	MP1C	Z	64.878	.25
15	MP1C	Mx	-.011	.25
16	MP1C	X	-112.373	3.75
17	MP1C	Z	64.878	3.75
18	MP1C	Mx	-.011	3.75
19	MP4A	X	-102.798	.25
20	MP4A	Z	59.351	.25
21	MP4A	Mx	.051	.25
22	MP4A	X	-102.798	3.75
23	MP4A	Z	59.351	3.75
24	MP4A	Mx	.051	3.75
25	MP4B	X	-102.798	.25
26	MP4B	Z	59.351	.25
27	MP4B	Mx	-.051	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP4B	X	-102.798	3.75
29	MP4B	Z	59.351	3.75
30	MP4B	Mx	-.051	3.75
31	MP4C	X	-112.373	.25
32	MP4C	Z	64.878	.25
33	MP4C	Mx	-.011	.25
34	MP4C	X	-112.373	3.75
35	MP4C	Z	64.878	3.75
36	MP4C	Mx	-.011	3.75
37	MP3A	X	-124.051	.46
38	MP3A	Z	71.621	.46
39	MP3A	Mx	.107	.46
40	MP3A	X	-124.051	4.29
41	MP3A	Z	71.621	4.29
42	MP3A	Mx	.107	4.29
43	MP3B	X	-124.051	.46
44	MP3B	Z	71.621	.46
45	MP3B	Mx	-.017	.46
46	MP3B	X	-124.051	4.29
47	MP3B	Z	71.621	4.29
48	MP3B	Mx	-.017	4.29
49	MP3C	X	-165.323	.46
50	MP3C	Z	95.449	.46
51	MP3C	Mx	-.134	.46
52	MP3C	X	-165.323	4.29
53	MP3C	Z	95.449	4.29
54	MP3C	Mx	-.134	4.29
55	MP3A	X	-124.051	.46
56	MP3A	Z	71.621	.46
57	MP3A	Mx	.017	.46
58	MP3A	X	-124.051	4.29
59	MP3A	Z	71.621	4.29
60	MP3A	Mx	.017	4.29
61	MP3B	X	-124.051	.46
62	MP3B	Z	71.621	.46
63	MP3B	Mx	-.107	.46
64	MP3B	X	-124.051	4.29
65	MP3B	Z	71.621	4.29
66	MP3B	Mx	-.107	4.29
67	MP3C	X	-165.323	.46
68	MP3C	Z	95.449	.46
69	MP3C	Mx	.101	.46
70	MP3C	X	-165.323	4.29
71	MP3C	Z	95.449	4.29
72	MP3C	Mx	.101	4.29
73	MP2A	X	-36.537	1
74	MP2A	Z	21.095	1
75	MP2A	Mx	.018	1
76	MP2A	X	-36.537	3
77	MP2A	Z	21.095	3
78	MP2A	Mx	.018	3
79	MP2B	X	-36.537	1
80	MP2B	Z	21.095	1
81	MP2B	Mx	-.018	1
82	MP2B	X	-36.537	3
83	MP2B	Z	21.095	3
84	MP2B	Mx	-.018	3
85	MP2C	X	-70.461	1
86	MP2C	Z	40.681	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP2C	Mx	-.007	1
88	MP2C	X	-70.461	3
89	MP2C	Z	40.681	3
90	MP2C	Mx	-.007	3
91	MPA3	X	-42.817	.5
92	MPA3	Z	24.721	.5
93	MPA3	Mx	0	.5
94	MP4A	X	-37.591	1.5
95	MP4A	Z	21.703	1.5
96	MP4A	Mx	-.013	1.5
97	MP4B	X	-37.591	1.5
98	MP4B	Z	21.703	1.5
99	MP4B	Mx	.013	1.5
100	MP4C	X	-56.845	1.5
101	MP4C	Z	32.82	1.5
102	MP4C	Mx	0	1.5
103	MP3A	X	-10.434	2
104	MP3A	Z	6.024	2
105	MP3A	Mx	-.002	2
106	MP3B	X	-10.434	2
107	MP3B	Z	6.024	2
108	MP3B	Mx	.002	2
109	MP3C	X	-13.57	2
110	MP3C	Z	7.834	2
111	MP3C	Mx	0	2
112	MP3B	X	-16.811	.25
113	MP3B	Z	9.706	.25
114	MP3B	Mx	.008	.25
115	MP3B	X	-16.811	.25
116	MP3B	Z	9.706	.25
117	MP3B	Mx	.008	.25
118	MPB3	X	-42.817	.5
119	MPB3	Z	24.721	.5
120	MPB3	Mx	0	.5
121	MPC3	X	-56.281	.5
122	MPC3	Z	32.494	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-114.862	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	.057	.25
4	MP1A	X	-114.862	3.75
5	MP1A	Z	0	3.75
6	MP1A	Mx	.057	3.75
7	MP1B	X	-126.38	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	-.032	.25
10	MP1B	X	-126.38	3.75
11	MP1B	Z	0	3.75
12	MP1B	Mx	-.032	3.75
13	MP1C	X	-123.874	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	-.04	.25
16	MP1C	X	-123.874	3.75
17	MP1C	Z	0	3.75
18	MP1C	Mx	-.04	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP4A	X	-114.862	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	.057	.25
22	MP4A	X	-114.862	3.75
23	MP4A	Z	0	3.75
24	MP4A	Mx	.057	3.75
25	MP4B	X	-126.38	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	-.032	.25
28	MP4B	X	-126.38	3.75
29	MP4B	Z	0	3.75
30	MP4B	Mx	-.032	3.75
31	MP4C	X	-123.874	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	-.04	.25
34	MP4C	X	-123.874	3.75
35	MP4C	Z	0	3.75
36	MP4C	Mx	-.04	3.75
37	MP3A	X	-126.691	.46
38	MP3A	Z	0	.46
39	MP3A	Mx	.063	.46
40	MP3A	X	-126.691	4.29
41	MP3A	Z	0	4.29
42	MP3A	Mx	.063	4.29
43	MP3B	X	-176.344	.46
44	MP3B	Z	0	.46
45	MP3B	Mx	.051	.46
46	MP3B	X	-176.344	4.29
47	MP3B	Z	0	4.29
48	MP3B	Mx	.051	4.29
49	MP3C	X	-165.541	.46
50	MP3C	Z	0	.46
51	MP3C	Mx	-.132	.46
52	MP3C	X	-165.541	4.29
53	MP3C	Z	0	4.29
54	MP3C	Mx	-.132	4.29
55	MP3A	X	-126.691	.46
56	MP3A	Z	0	.46
57	MP3A	Mx	.063	.46
58	MP3A	X	-126.691	4.29
59	MP3A	Z	0	4.29
60	MP3A	Mx	.063	4.29
61	MP3B	X	-176.344	.46
62	MP3B	Z	0	.46
63	MP3B	Mx	-.14	.46
64	MP3B	X	-176.344	4.29
65	MP3B	Z	0	4.29
66	MP3B	Mx	-.14	4.29
67	MP3C	X	-165.541	.46
68	MP3C	Z	0	.46
69	MP3C	Mx	.026	.46
70	MP3C	X	-165.541	4.29
71	MP3C	Z	0	4.29
72	MP3C	Mx	.026	4.29
73	MP2A	X	-28.585	1
74	MP2A	Z	0	1
75	MP2A	Mx	.014	1
76	MP2A	X	-28.585	3
77	MP2A	Z	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP2A	Mx	.014	3
79	MP2B	X	-69.398	1
80	MP2B	Z	0	1
81	MP2B	Mx	-.017	1
82	MP2B	X	-69.398	3
83	MP2B	Z	0	3
84	MP2B	Mx	-.017	3
85	MP2C	X	-60.518	1
86	MP2C	Z	0	1
87	MP2C	Mx	-.019	1
88	MP2C	X	-60.518	3
89	MP2C	Z	0	3
90	MP2C	Mx	-.019	3
91	MPA3	X	-44.042	.5
92	MPA3	Z	0	.5
93	MPA3	Mx	0	.5
94	MP4A	X	-35.996	1.5
95	MP4A	Z	0	1.5
96	MP4A	Mx	-.012	1.5
97	MP4B	X	-58.228	1.5
98	MP4B	Z	0	1.5
99	MP4B	Mx	.01	1.5
100	MP4C	X	-58.228	1.5
101	MP4C	Z	0	1.5
102	MP4C	Mx	.01	1.5
103	MP3A	X	-10.841	2
104	MP3A	Z	0	2
105	MP3A	Mx	-.002	2
106	MP3B	X	-14.462	2
107	MP3B	Z	0	2
108	MP3B	Mx	.001	2
109	MP3C	X	-14.462	2
110	MP3C	Z	0	2
111	MP3C	Mx	.001	2
112	MP3B	X	-33.573	.25
113	MP3B	Z	0	.25
114	MP3B	Mx	.008	.25
115	MP3B	X	-33.573	.25
116	MP3B	Z	0	.25
117	MP3B	Mx	.008	.25
118	MPB3	X	-60.24	.5
119	MPB3	Z	0	.5
120	MPB3	Mx	0	.5
121	MPC3	X	-56.716	.5
122	MPC3	Z	0	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-102.798	.25
2	MP1A	Z	-59.351	.25
3	MP1A	Mx	.051	.25
4	MP1A	X	-102.798	3.75
5	MP1A	Z	-59.351	3.75
6	MP1A	Mx	.051	3.75
7	MP1B	X	-112.774	.25
8	MP1B	Z	-65.11	.25
9	MP1B	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP1B	X	-112.774	3.75
11	MP1B	Z	-65.11	3.75
12	MP1B	Mx	0	3.75
13	MP1C	X	-101.029	.25
14	MP1C	Z	-58.329	.25
15	MP1C	Mx	-.055	.25
16	MP1C	X	-101.029	3.75
17	MP1C	Z	-58.329	3.75
18	MP1C	Mx	-.055	3.75
19	MP4A	X	-102.798	.25
20	MP4A	Z	-59.351	.25
21	MP4A	Mx	.051	.25
22	MP4A	X	-102.798	3.75
23	MP4A	Z	-59.351	3.75
24	MP4A	Mx	.051	3.75
25	MP4B	X	-112.774	.25
26	MP4B	Z	-65.11	.25
27	MP4B	Mx	0	.25
28	MP4B	X	-112.774	3.75
29	MP4B	Z	-65.11	3.75
30	MP4B	Mx	0	3.75
31	MP4C	X	-101.029	.25
32	MP4C	Z	-58.329	.25
33	MP4C	Mx	-.055	.25
34	MP4C	X	-101.029	3.75
35	MP4C	Z	-58.329	3.75
36	MP4C	Mx	-.055	3.75
37	MP3A	X	-124.051	.46
38	MP3A	Z	-71.621	.46
39	MP3A	Mx	.017	.46
40	MP3A	X	-124.051	4.29
41	MP3A	Z	-71.621	4.29
42	MP3A	Mx	.017	4.29
43	MP3B	X	-167.052	.46
44	MP3B	Z	-96.447	.46
45	MP3B	Mx	.121	.46
46	MP3B	X	-167.052	4.29
47	MP3B	Z	-96.447	4.29
48	MP3B	Mx	.121	4.29
49	MP3C	X	-116.424	.46
50	MP3C	Z	-67.218	.46
51	MP3C	Mx	-.092	.46
52	MP3C	X	-116.424	4.29
53	MP3C	Z	-67.218	4.29
54	MP3C	Mx	-.092	4.29
55	MP3A	X	-124.051	.46
56	MP3A	Z	-71.621	.46
57	MP3A	Mx	.107	.46
58	MP3A	X	-124.051	4.29
59	MP3A	Z	-71.621	4.29
60	MP3A	Mx	.107	4.29
61	MP3B	X	-167.052	.46
62	MP3B	Z	-96.447	.46
63	MP3B	Mx	-.121	.46
64	MP3B	X	-167.052	4.29
65	MP3B	Z	-96.447	4.29
66	MP3B	Mx	-.121	4.29
67	MP3C	X	-116.424	.46
68	MP3C	Z	-67.218	.46

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3C	Mx	-.034	.46
70	MP3C	X	-116.424	4.29
71	MP3C	Z	-67.218	4.29
72	MP3C	Mx	-.034	4.29
73	MP2A	X	-36.537	1
74	MP2A	Z	-21.095	1
75	MP2A	Mx	.018	1
76	MP2A	X	-36.537	3
77	MP2A	Z	-21.095	3
78	MP2A	Mx	.018	3
79	MP2B	X	-71.882	1
80	MP2B	Z	-41.501	1
81	MP2B	Mx	0	1
82	MP2B	X	-71.882	3
83	MP2B	Z	-41.501	3
84	MP2B	Mx	0	3
85	MP2C	X	-30.268	1
86	MP2C	Z	-17.475	1
87	MP2C	Mx	-.016	1
88	MP2C	X	-30.268	3
89	MP2C	Z	-17.475	3
90	MP2C	Mx	-.016	3
91	MPA3	X	-42.817	.5
92	MPA3	Z	-24.721	.5
93	MPA3	Mx	0	.5
94	MP4A	X	-37.591	1.5
95	MP4A	Z	-21.703	1.5
96	MP4A	Mx	-.013	1.5
97	MP4B	X	-56.845	1.5
98	MP4B	Z	-32.82	1.5
99	MP4B	Mx	0	1.5
100	MP4C	X	-37.591	1.5
101	MP4C	Z	-21.703	1.5
102	MP4C	Mx	.013	1.5
103	MP3A	X	-10.434	2
104	MP3A	Z	-6.024	2
105	MP3A	Mx	-.002	2
106	MP3B	X	-13.57	2
107	MP3B	Z	-7.834	2
108	MP3B	Mx	0	2
109	MP3C	X	-10.434	2
110	MP3C	Z	-6.024	2
111	MP3C	Mx	.002	2
112	MP3B	X	-35.207	.25
113	MP3B	Z	-20.327	.25
114	MP3B	Mx	0	.25
115	MP3B	X	-35.207	.25
116	MP3B	Z	-20.327	.25
117	MP3B	Mx	0	.25
118	MPB3	X	-56.845	.5
119	MPB3	Z	-32.82	.5
120	MPB3	Mx	0	.5
121	MPC3	X	-40.329	.5
122	MPC3	Z	-23.284	.5
123	MPC3	Mx	0	.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-63.19	.25
2	MP1A	Z	-109.449	.25
3	MP1A	Mx	.032	.25
4	MP1A	X	-63.19	3.75
5	MP1A	Z	-109.449	3.75
6	MP1A	Mx	.032	3.75
7	MP1B	X	-63.19	.25
8	MP1B	Z	-109.449	.25
9	MP1B	Mx	.032	.25
10	MP1B	X	-63.19	3.75
11	MP1B	Z	-109.449	3.75
12	MP1B	Mx	.032	3.75
13	MP1C	X	-57.662	.25
14	MP1C	Z	-99.874	.25
15	MP1C	Mx	-.057	.25
16	MP1C	X	-57.662	3.75
17	MP1C	Z	-99.874	3.75
18	MP1C	Mx	-.057	3.75
19	MP4A	X	-63.19	.25
20	MP4A	Z	-109.449	.25
21	MP4A	Mx	.032	.25
22	MP4A	X	-63.19	3.75
23	MP4A	Z	-109.449	3.75
24	MP4A	Mx	.032	3.75
25	MP4B	X	-63.19	.25
26	MP4B	Z	-109.449	.25
27	MP4B	Mx	.032	.25
28	MP4B	X	-63.19	3.75
29	MP4B	Z	-109.449	3.75
30	MP4B	Mx	.032	3.75
31	MP4C	X	-57.662	.25
32	MP4C	Z	-99.874	.25
33	MP4C	Mx	-.057	.25
34	MP4C	X	-57.662	3.75
35	MP4C	Z	-99.874	3.75
36	MP4C	Mx	-.057	3.75
37	MP3A	X	-88.172	.46
38	MP3A	Z	-152.718	.46
39	MP3A	Mx	-.051	.46
40	MP3A	X	-88.172	4.29
41	MP3A	Z	-152.718	4.29
42	MP3A	Mx	-.051	4.29
43	MP3B	X	-88.172	.46
44	MP3B	Z	-152.718	.46
45	MP3B	Mx	.14	.46
46	MP3B	X	-88.172	4.29
47	MP3B	Z	-152.718	4.29
48	MP3B	Mx	.14	4.29
49	MP3C	X	-64.344	.46
50	MP3C	Z	-111.446	.46
51	MP3C	Mx	-.049	.46
52	MP3C	X	-64.344	4.29
53	MP3C	Z	-111.446	4.29
54	MP3C	Mx	-.049	4.29
55	MP3A	X	-88.172	.46
56	MP3A	Z	-152.718	.46
57	MP3A	Mx	.14	.46
58	MP3A	X	-88.172	4.29
59	MP3A	Z	-152.718	4.29

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3A	Mx	.14	4.29
61	MP3B	X	-88.172	.46
62	MP3B	Z	-152.718	.46
63	MP3B	Mx	-.051	.46
64	MP3B	X	-88.172	4.29
65	MP3B	Z	-152.718	4.29
66	MP3B	Mx	-.051	4.29
67	MP3C	X	-64.344	.46
68	MP3C	Z	-111.446	.46
69	MP3C	Mx	-.077	.46
70	MP3C	X	-64.344	4.29
71	MP3C	Z	-111.446	4.29
72	MP3C	Mx	-.077	4.29
73	MP2A	X	-34.699	1
74	MP2A	Z	-60.1	1
75	MP2A	Mx	.017	1
76	MP2A	X	-34.699	3
77	MP2A	Z	-60.1	3
78	MP2A	Mx	.017	3
79	MP2B	X	-34.699	1
80	MP2B	Z	-60.1	1
81	MP2B	Mx	.017	1
82	MP2B	X	-34.699	3
83	MP2B	Z	-60.1	3
84	MP2B	Mx	.017	3
85	MP2C	X	-15.113	1
86	MP2C	Z	-26.176	1
87	MP2C	Mx	-.015	1
88	MP2C	X	-15.113	3
89	MP2C	Z	-26.176	3
90	MP2C	Mx	-.015	3
91	MPA3	X	-30.12	.5
92	MPA3	Z	-52.169	.5
93	MPA3	Mx	0	.5
94	MP4A	X	-29.114	1.5
95	MP4A	Z	-50.427	1.5
96	MP4A	Mx	-.01	1.5
97	MP4B	X	-29.114	1.5
98	MP4B	Z	-50.427	1.5
99	MP4B	Mx	-.01	1.5
100	MP4C	X	-17.998	1.5
101	MP4C	Z	-31.173	1.5
102	MP4C	Mx	.012	1.5
103	MP3A	X	-7.231	2
104	MP3A	Z	-12.524	2
105	MP3A	Mx	-.001	2
106	MP3B	X	-7.231	2
107	MP3B	Z	-12.524	2
108	MP3B	Mx	-.001	2
109	MP3C	X	-5.421	2
110	MP3C	Z	-9.389	2
111	MP3C	Mx	.002	2
112	MP3B	X	-16.787	.25
113	MP3B	Z	-29.075	.25
114	MP3B	Mx	-.008	.25
115	MP3B	X	-16.787	.25
116	MP3B	Z	-29.075	.25
117	MP3B	Mx	-.008	.25
118	MPB3	X	-30.12	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
119	MPB3	Z	-52.169	.5
120	MPB3	Mx	0	.5
121	MPC3	X	-22.347	.5
122	MPC3	Z	-38.705	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	-25.055	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	3.75
5	MP1A	Z	-25.055	3.75
6	MP1A	Mx	0	3.75
7	MP1B	X	0	.25
8	MP1B	Z	-23.004	.25
9	MP1B	Mx	.01	.25
10	MP1B	X	0	3.75
11	MP1B	Z	-23.004	3.75
12	MP1B	Mx	.01	3.75
13	MP1C	X	0	.25
14	MP1C	Z	-23.45	.25
15	MP1C	Mx	-.009	.25
16	MP1C	X	0	3.75
17	MP1C	Z	-23.45	3.75
18	MP1C	Mx	-.009	3.75
19	MP4A	X	0	.25
20	MP4A	Z	-25.055	.25
21	MP4A	Mx	0	.25
22	MP4A	X	0	3.75
23	MP4A	Z	-25.055	3.75
24	MP4A	Mx	0	3.75
25	MP4B	X	0	.25
26	MP4B	Z	-23.004	.25
27	MP4B	Mx	.01	.25
28	MP4B	X	0	3.75
29	MP4B	Z	-23.004	3.75
30	MP4B	Mx	.01	3.75
31	MP4C	X	0	.25
32	MP4C	Z	-23.45	.25
33	MP4C	Mx	-.009	.25
34	MP4C	X	0	3.75
35	MP4C	Z	-23.45	3.75
36	MP4C	Mx	-.009	3.75
37	MP3A	X	0	.46
38	MP3A	Z	-36.698	.46
39	MP3A	Mx	-.023	.46
40	MP3A	X	0	4.29
41	MP3A	Z	-36.698	4.29
42	MP3A	Mx	-.023	4.29
43	MP3B	X	0	.46
44	MP3B	Z	-27.95	.46
45	MP3B	Mx	.021	.46
46	MP3B	X	0	4.29
47	MP3B	Z	-27.95	4.29
48	MP3B	Mx	.021	4.29
49	MP3C	X	0	.46
50	MP3C	Z	-29.853	.46

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3C	Mx	.000559	.46
52	MP3C	X	0	4.29
53	MP3C	Z	-29.853	4.29
54	MP3C	Mx	.000559	4.29
55	MP3A	X	0	.46
56	MP3A	Z	-36.698	.46
57	MP3A	Mx	.023	.46
58	MP3A	X	0	4.29
59	MP3A	Z	-36.698	4.29
60	MP3A	Mx	.023	4.29
61	MP3B	X	0	.46
62	MP3B	Z	-27.95	.46
63	MP3B	Mx	.003	.46
64	MP3B	X	0	4.29
65	MP3B	Z	-27.95	4.29
66	MP3B	Mx	.003	4.29
67	MP3C	X	0	.46
68	MP3C	Z	-29.853	.46
69	MP3C	Mx	-.023	.46
70	MP3C	X	0	4.29
71	MP3C	Z	-29.853	4.29
72	MP3C	Mx	-.023	4.29
73	MP2A	X	0	1
74	MP2A	Z	-19.519	1
75	MP2A	Mx	0	1
76	MP2A	X	0	3
77	MP2A	Z	-19.519	3
78	MP2A	Mx	0	3
79	MP2B	X	0	1
80	MP2B	Z	-11.115	1
81	MP2B	Mx	.005	1
82	MP2B	X	0	3
83	MP2B	Z	-11.115	3
84	MP2B	Mx	.005	3
85	MP2C	X	0	1
86	MP2C	Z	-12.944	1
87	MP2C	Mx	-.005	1
88	MP2C	X	0	3
89	MP2C	Z	-12.944	3
90	MP2C	Mx	-.005	3
91	MPA3	X	0	.5
92	MPA3	Z	-16.451	.5
93	MPA3	Mx	0	.5
94	MP4A	X	0	1.5
95	MP4A	Z	-16.451	1.5
96	MP4A	Mx	0	1.5
97	MP4B	X	0	1.5
98	MP4B	Z	-11.268	1.5
99	MP4B	Mx	-.003	1.5
100	MP4C	X	0	1.5
101	MP4C	Z	-11.268	1.5
102	MP4C	Mx	.003	1.5
103	MP3A	X	0	2
104	MP3A	Z	-3.993	2
105	MP3A	Mx	0	2
106	MP3B	X	0	2
107	MP3B	Z	-3.246	2
108	MP3B	Mx	-.000469	2
109	MP3C	X	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP3C	Z	-3.246	2
111	MP3C	Mx	.000469	2
112	MP3B	X	0	.25
113	MP3B	Z	-4.816	.25
114	MP3B	Mx	-.002	.25
115	MP3B	X	0	.25
116	MP3B	Z	-4.816	.25
117	MP3B	Mx	-.002	.25
118	MPB3	X	0	.5
119	MPB3	Z	-12.695	.5
120	MPB3	Mx	0	.5
121	MPC3	X	0	.5
122	MPC3	Z	-13.512	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	12.186	.25
2	MP1A	Z	-21.106	.25
3	MP1A	Mx	-.006	.25
4	MP1A	X	12.186	3.75
5	MP1A	Z	-21.106	3.75
6	MP1A	Mx	-.006	3.75
7	MP1B	X	11.16	.25
8	MP1B	Z	-19.33	.25
9	MP1B	Mx	.011	.25
10	MP1B	X	11.16	3.75
11	MP1B	Z	-19.33	3.75
12	MP1B	Mx	.011	3.75
13	MP1C	X	12.367	.25
14	MP1C	Z	-21.421	.25
15	MP1C	Mx	-.004	.25
16	MP1C	X	12.367	3.75
17	MP1C	Z	-21.421	3.75
18	MP1C	Mx	-.004	3.75
19	MP4A	X	12.186	.25
20	MP4A	Z	-21.106	.25
21	MP4A	Mx	-.006	.25
22	MP4A	X	12.186	3.75
23	MP4A	Z	-21.106	3.75
24	MP4A	Mx	-.006	3.75
25	MP4B	X	11.16	.25
26	MP4B	Z	-19.33	.25
27	MP4B	Mx	.011	.25
28	MP4B	X	11.16	3.75
29	MP4B	Z	-19.33	3.75
30	MP4B	Mx	.011	3.75
31	MP4C	X	12.367	.25
32	MP4C	Z	-21.421	.25
33	MP4C	Mx	-.004	.25
34	MP4C	X	12.367	3.75
35	MP4C	Z	-21.421	3.75
36	MP4C	Mx	-.004	3.75
37	MP3A	X	16.891	.46
38	MP3A	Z	-29.256	.46
39	MP3A	Mx	-.027	.46
40	MP3A	X	16.891	4.29
41	MP3A	Z	-29.256	4.29

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mx	-.027	4.29
43	MP3B	X	12.517	.46
44	MP3B	Z	-21.68	.46
45	MP3B	Mx	.013	.46
46	MP3B	X	12.517	4.29
47	MP3B	Z	-21.68	4.29
48	MP3B	Mx	.013	4.29
49	MP3C	X	17.667	.46
50	MP3C	Z	-30.6	.46
51	MP3C	Mx	.015	.46
52	MP3C	X	17.667	4.29
53	MP3C	Z	-30.6	4.29
54	MP3C	Mx	.015	4.29
55	MP3A	X	16.891	.46
56	MP3A	Z	-29.256	.46
57	MP3A	Mx	.01	.46
58	MP3A	X	16.891	4.29
59	MP3A	Z	-29.256	4.29
60	MP3A	Mx	.01	4.29
61	MP3B	X	12.517	.46
62	MP3B	Z	-21.68	.46
63	MP3B	Mx	.013	.46
64	MP3B	X	12.517	4.29
65	MP3B	Z	-21.68	4.29
66	MP3B	Mx	.013	4.29
67	MP3C	X	17.667	.46
68	MP3C	Z	-30.6	.46
69	MP3C	Mx	-.027	.46
70	MP3C	X	17.667	4.29
71	MP3C	Z	-30.6	4.29
72	MP3C	Mx	-.027	4.29
73	MP2A	X	8.359	1
74	MP2A	Z	-14.478	1
75	MP2A	Mx	-.004	1
76	MP2A	X	8.359	3
77	MP2A	Z	-14.478	3
78	MP2A	Mx	-.004	3
79	MP2B	X	4.157	1
80	MP2B	Z	-7.2	1
81	MP2B	Mx	.004	1
82	MP2B	X	4.157	3
83	MP2B	Z	-7.2	3
84	MP2B	Mx	.004	3
85	MP2C	X	9.104	1
86	MP2C	Z	-15.769	1
87	MP2C	Mx	-.003	1
88	MP2C	X	9.104	3
89	MP2C	Z	-15.769	3
90	MP2C	Mx	-.003	3
91	MPA3	X	7.599	.5
92	MPA3	Z	-13.163	.5
93	MPA3	Mx	0	.5
94	MP4A	X	7.362	1.5
95	MP4A	Z	-12.751	1.5
96	MP4A	Mx	.002	1.5
97	MP4B	X	4.77	1.5
98	MP4B	Z	-8.262	1.5
99	MP4B	Mx	-.003	1.5
100	MP4C	X	7.362	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP4C	Z	-12.751	1.5
102	MP4C	Mx	.002	1.5
103	MP3A	X	1.872	2
104	MP3A	Z	-3.243	2
105	MP3A	Mx	.000312	2
106	MP3B	X	1.498	2
107	MP3B	Z	-2.595	2
108	MP3B	Mx	-.000499	2
109	MP3C	X	1.872	2
110	MP3C	Z	-3.243	2
111	MP3C	Mx	.000312	2
112	MP3B	X	1.704	.25
113	MP3B	Z	-2.951	.25
114	MP3B	Mx	-.002	.25
115	MP3B	X	1.704	.25
116	MP3B	Z	-2.951	.25
117	MP3B	Mx	-.002	.25
118	MPB3	X	5.722	.5
119	MPB3	Z	-9.91	.5
120	MPB3	Mx	0	.5
121	MPC3	X	7.932	.5
122	MPC3	Z	-13.739	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	19.922	.25
2	MP1A	Z	-11.502	.25
3	MP1A	Mx	-.01	.25
4	MP1A	X	19.922	3.75
5	MP1A	Z	-11.502	3.75
6	MP1A	Mx	-.01	3.75
7	MP1B	X	19.922	.25
8	MP1B	Z	-11.502	.25
9	MP1B	Mx	.01	.25
10	MP1B	X	19.922	3.75
11	MP1B	Z	-11.502	3.75
12	MP1B	Mx	.01	3.75
13	MP1C	X	21.626	.25
14	MP1C	Z	-12.486	.25
15	MP1C	Mx	.002	.25
16	MP1C	X	21.626	3.75
17	MP1C	Z	-12.486	3.75
18	MP1C	Mx	.002	3.75
19	MP4A	X	19.922	.25
20	MP4A	Z	-11.502	.25
21	MP4A	Mx	-.01	.25
22	MP4A	X	19.922	3.75
23	MP4A	Z	-11.502	3.75
24	MP4A	Mx	-.01	3.75
25	MP4B	X	19.922	.25
26	MP4B	Z	-11.502	.25
27	MP4B	Mx	.01	.25
28	MP4B	X	19.922	3.75
29	MP4B	Z	-11.502	3.75
30	MP4B	Mx	.01	3.75
31	MP4C	X	21.626	.25
32	MP4C	Z	-12.486	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP4C	Mx	.002	.25
34	MP4C	X	21.626	3.75
35	MP4C	Z	-12.486	3.75
36	MP4C	Mx	.002	3.75
37	MP3A	X	24.205	.46
38	MP3A	Z	-13.975	.46
39	MP3A	Mx	-.021	.46
40	MP3A	X	24.205	4.29
41	MP3A	Z	-13.975	4.29
42	MP3A	Mx	-.021	4.29
43	MP3B	X	24.205	.46
44	MP3B	Z	-13.975	.46
45	MP3B	Mx	.003	.46
46	MP3B	X	24.205	4.29
47	MP3B	Z	-13.975	4.29
48	MP3B	Mx	.003	4.29
49	MP3C	X	31.477	.46
50	MP3C	Z	-18.173	.46
51	MP3C	Mx	.026	.46
52	MP3C	X	31.477	4.29
53	MP3C	Z	-18.173	4.29
54	MP3C	Mx	.026	4.29
55	MP3A	X	24.205	.46
56	MP3A	Z	-13.975	.46
57	MP3A	Mx	-.003	.46
58	MP3A	X	24.205	4.29
59	MP3A	Z	-13.975	4.29
60	MP3A	Mx	-.003	4.29
61	MP3B	X	24.205	.46
62	MP3B	Z	-13.975	.46
63	MP3B	Mx	.021	.46
64	MP3B	X	24.205	4.29
65	MP3B	Z	-13.975	4.29
66	MP3B	Mx	.021	4.29
67	MP3C	X	31.477	.46
68	MP3C	Z	-18.173	.46
69	MP3C	Mx	-.019	.46
70	MP3C	X	31.477	4.29
71	MP3C	Z	-18.173	4.29
72	MP3C	Mx	-.019	4.29
73	MP2A	X	9.626	1
74	MP2A	Z	-5.558	1
75	MP2A	Mx	-.005	1
76	MP2A	X	9.626	3
77	MP2A	Z	-5.558	3
78	MP2A	Mx	-.005	3
79	MP2B	X	9.626	1
80	MP2B	Z	-5.558	1
81	MP2B	Mx	.005	1
82	MP2B	X	9.626	3
83	MP2B	Z	-5.558	3
84	MP2B	Mx	.005	3
85	MP2C	X	16.611	1
86	MP2C	Z	-9.59	1
87	MP2C	Mx	.002	1
88	MP2C	X	16.611	3
89	MP2C	Z	-9.59	3
90	MP2C	Mx	.002	3
91	MPA3	X	10.994	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MPA3	Z	-6.348	.5
93	MPA3	Mx	0	.5
94	MP4A	X	9.758	1.5
95	MP4A	Z	-5.634	1.5
96	MP4A	Mx	.003	1.5
97	MP4B	X	9.758	1.5
98	MP4B	Z	-5.634	1.5
99	MP4B	Mx	-.003	1.5
100	MP4C	X	14.247	1.5
101	MP4C	Z	-8.225	1.5
102	MP4C	Mx	0	1.5
103	MP3A	X	2.811	2
104	MP3A	Z	-1.623	2
105	MP3A	Mx	.000468	2
106	MP3B	X	2.811	2
107	MP3B	Z	-1.623	2
108	MP3B	Mx	-.000469	2
109	MP3C	X	3.458	2
110	MP3C	Z	-1.997	2
111	MP3C	Mx	0	2
112	MP3B	X	4.171	.25
113	MP3B	Z	-2.408	.25
114	MP3B	Mx	-.002	.25
115	MP3B	X	4.171	.25
116	MP3B	Z	-2.408	.25
117	MP3B	Mx	-.002	.25
118	MPB3	X	10.994	.5
119	MPB3	Z	-6.348	.5
120	MPB3	Mx	0	.5
121	MPC3	X	14.116	.5
122	MPC3	Z	-8.15	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	22.321	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	-.011	.25
4	MP1A	X	22.321	3.75
5	MP1A	Z	0	3.75
6	MP1A	Mx	-.011	3.75
7	MP1B	X	24.371	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	.006	.25
10	MP1B	X	24.371	3.75
11	MP1B	Z	0	3.75
12	MP1B	Mx	.006	3.75
13	MP1C	X	23.925	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	.008	.25
16	MP1C	X	23.925	3.75
17	MP1C	Z	0	3.75
18	MP1C	Mx	.008	3.75
19	MP4A	X	22.321	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	-.011	.25
22	MP4A	X	22.321	3.75
23	MP4A	Z	0	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP4A	Mx	-.011	3.75
25	MP4B	X	24.371	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	.006	.25
28	MP4B	X	24.371	3.75
29	MP4B	Z	0	3.75
30	MP4B	Mx	.006	3.75
31	MP4C	X	23.925	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	.008	.25
34	MP4C	X	23.925	3.75
35	MP4C	Z	0	3.75
36	MP4C	Mx	.008	3.75
37	MP3A	X	25.034	.46
38	MP3A	Z	0	.46
39	MP3A	Mx	-.013	.46
40	MP3A	X	25.034	4.29
41	MP3A	Z	0	4.29
42	MP3A	Mx	-.013	4.29
43	MP3B	X	33.782	.46
44	MP3B	Z	0	.46
45	MP3B	Mx	-.01	.46
46	MP3B	X	33.782	4.29
47	MP3B	Z	0	4.29
48	MP3B	Mx	-.01	4.29
49	MP3C	X	31.879	.46
50	MP3C	Z	0	.46
51	MP3C	Mx	.026	.46
52	MP3C	X	31.879	4.29
53	MP3C	Z	0	4.29
54	MP3C	Mx	.026	4.29
55	MP3A	X	25.034	.46
56	MP3A	Z	0	.46
57	MP3A	Mx	-.013	.46
58	MP3A	X	25.034	4.29
59	MP3A	Z	0	4.29
60	MP3A	Mx	-.013	4.29
61	MP3B	X	33.782	.46
62	MP3B	Z	0	.46
63	MP3B	Mx	.027	.46
64	MP3B	X	33.782	4.29
65	MP3B	Z	0	4.29
66	MP3B	Mx	.027	4.29
67	MP3C	X	31.879	.46
68	MP3C	Z	0	.46
69	MP3C	Mx	-.005	.46
70	MP3C	X	31.879	4.29
71	MP3C	Z	0	4.29
72	MP3C	Mx	-.005	4.29
73	MP2A	X	8.314	1
74	MP2A	Z	0	1
75	MP2A	Mx	-.004	1
76	MP2A	X	8.314	3
77	MP2A	Z	0	3
78	MP2A	Mx	-.004	3
79	MP2B	X	16.718	1
80	MP2B	Z	0	1
81	MP2B	Mx	.004	1
82	MP2B	X	16.718	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP2B	Z	0	3
84	MP2B	Mx	.004	3
85	MP2C	X	14.889	1
86	MP2C	Z	0	1
87	MP2C	Mx	.005	1
88	MP2C	X	14.889	3
89	MP2C	Z	0	3
90	MP2C	Mx	.005	3
91	MPA3	X	11.443	.5
92	MPA3	Z	0	.5
93	MPA3	Mx	0	.5
94	MP4A	X	9.54	1.5
95	MP4A	Z	0	1.5
96	MP4A	Mx	.003	1.5
97	MP4B	X	14.723	1.5
98	MP4B	Z	0	1.5
99	MP4B	Mx	-.002	1.5
100	MP4C	X	14.723	1.5
101	MP4C	Z	0	1.5
102	MP4C	Mx	-.002	1.5
103	MP3A	X	2.997	2
104	MP3A	Z	0	2
105	MP3A	Mx	.000499	2
106	MP3B	X	3.744	2
107	MP3B	Z	0	2
108	MP3B	Mx	-.000312	2
109	MP3C	X	3.744	2
110	MP3C	Z	0	2
111	MP3C	Mx	-.000312	2
112	MP3B	X	7.634	.25
113	MP3B	Z	0	.25
114	MP3B	Mx	-.002	.25
115	MP3B	X	7.634	.25
116	MP3B	Z	0	.25
117	MP3B	Mx	-.002	.25
118	MPB3	X	15.199	.5
119	MPB3	Z	0	.5
120	MPB3	Mx	0	.5
121	MPC3	X	14.382	.5
122	MPC3	Z	0	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	19.922	.25
2	MP1A	Z	11.502	.25
3	MP1A	Mx	-.01	.25
4	MP1A	X	19.922	3.75
5	MP1A	Z	11.502	3.75
6	MP1A	Mx	-.01	3.75
7	MP1B	X	21.698	.25
8	MP1B	Z	12.527	.25
9	MP1B	Mx	0	.25
10	MP1B	X	21.698	3.75
11	MP1B	Z	12.527	3.75
12	MP1B	Mx	0	3.75
13	MP1C	X	19.607	.25
14	MP1C	Z	11.32	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP1C	Mx	.011	.25
16	MP1C	X	19.607	3.75
17	MP1C	Z	11.32	3.75
18	MP1C	Mx	.011	3.75
19	MP4A	X	19.922	.25
20	MP4A	Z	11.502	.25
21	MP4A	Mx	-.01	.25
22	MP4A	X	19.922	3.75
23	MP4A	Z	11.502	3.75
24	MP4A	Mx	-.01	3.75
25	MP4B	X	21.698	.25
26	MP4B	Z	12.527	.25
27	MP4B	Mx	0	.25
28	MP4B	X	21.698	3.75
29	MP4B	Z	12.527	3.75
30	MP4B	Mx	0	3.75
31	MP4C	X	19.607	.25
32	MP4C	Z	11.32	.25
33	MP4C	Mx	.011	.25
34	MP4C	X	19.607	3.75
35	MP4C	Z	11.32	3.75
36	MP4C	Mx	.011	3.75
37	MP3A	X	24.205	.46
38	MP3A	Z	13.975	.46
39	MP3A	Mx	-.003	.46
40	MP3A	X	24.205	4.29
41	MP3A	Z	13.975	4.29
42	MP3A	Mx	-.003	4.29
43	MP3B	X	31.781	.46
44	MP3B	Z	18.349	.46
45	MP3B	Mx	-.023	.46
46	MP3B	X	31.781	4.29
47	MP3B	Z	18.349	4.29
48	MP3B	Mx	-.023	4.29
49	MP3C	X	22.862	.46
50	MP3C	Z	13.199	.46
51	MP3C	Mx	.018	.46
52	MP3C	X	22.862	4.29
53	MP3C	Z	13.199	4.29
54	MP3C	Mx	.018	4.29
55	MP3A	X	24.205	.46
56	MP3A	Z	13.975	.46
57	MP3A	Mx	-.021	.46
58	MP3A	X	24.205	4.29
59	MP3A	Z	13.975	4.29
60	MP3A	Mx	-.021	4.29
61	MP3B	X	31.781	.46
62	MP3B	Z	18.349	.46
63	MP3B	Mx	.023	.46
64	MP3B	X	31.781	4.29
65	MP3B	Z	18.349	4.29
66	MP3B	Mx	.023	4.29
67	MP3C	X	22.862	.46
68	MP3C	Z	13.199	.46
69	MP3C	Mx	.007	.46
70	MP3C	X	22.862	4.29
71	MP3C	Z	13.199	4.29
72	MP3C	Mx	.007	4.29
73	MP2A	X	9.626	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP2A	Z	5.558	1
75	MP2A	Mx	-.005	1
76	MP2A	X	9.626	3
77	MP2A	Z	5.558	3
78	MP2A	Mx	-.005	3
79	MP2B	X	16.904	1
80	MP2B	Z	9.759	1
81	MP2B	Mx	0	1
82	MP2B	X	16.904	3
83	MP2B	Z	9.759	3
84	MP2B	Mx	0	3
85	MP2C	X	8.335	1
86	MP2C	Z	4.812	1
87	MP2C	Mx	.005	1
88	MP2C	X	8.335	3
89	MP2C	Z	4.812	3
90	MP2C	Mx	.005	3
91	MPA3	X	10.994	.5
92	MPA3	Z	6.348	.5
93	MPA3	Mx	0	.5
94	MP4A	X	9.758	1.5
95	MP4A	Z	5.634	1.5
96	MP4A	Mx	.003	1.5
97	MP4B	X	14.247	1.5
98	MP4B	Z	8.225	1.5
99	MP4B	Mx	0	1.5
100	MP4C	X	9.758	1.5
101	MP4C	Z	5.634	1.5
102	MP4C	Mx	-.003	1.5
103	MP3A	X	2.811	2
104	MP3A	Z	1.623	2
105	MP3A	Mx	.000468	2
106	MP3B	X	3.458	2
107	MP3B	Z	1.997	2
108	MP3B	Mx	0	2
109	MP3C	X	2.811	2
110	MP3C	Z	1.623	2
111	MP3C	Mx	-.000469	2
112	MP3B	X	7.832	.25
113	MP3B	Z	4.522	.25
114	MP3B	Mx	0	.25
115	MP3B	X	7.832	.25
116	MP3B	Z	4.522	.25
117	MP3B	Mx	0	.25
118	MPB3	X	14.247	.5
119	MPB3	Z	8.225	.5
120	MPB3	Mx	0	.5
121	MPC3	X	10.417	.5
122	MPC3	Z	6.014	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	12.186	.25
2	MP1A	Z	21.106	.25
3	MP1A	Mx	-.006	.25
4	MP1A	X	12.186	3.75
5	MP1A	Z	21.106	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP1A	Mx	-.006	3.75
7	MP1B	X	12.186	.25
8	MP1B	Z	21.106	.25
9	MP1B	Mx	-.006	.25
10	MP1B	X	12.186	3.75
11	MP1B	Z	21.106	3.75
12	MP1B	Mx	-.006	3.75
13	MP1C	X	11.202	.25
14	MP1C	Z	19.402	.25
15	MP1C	Mx	.011	.25
16	MP1C	X	11.202	3.75
17	MP1C	Z	19.402	3.75
18	MP1C	Mx	.011	3.75
19	MP4A	X	12.186	.25
20	MP4A	Z	21.106	.25
21	MP4A	Mx	-.006	.25
22	MP4A	X	12.186	3.75
23	MP4A	Z	21.106	3.75
24	MP4A	Mx	-.006	3.75
25	MP4B	X	12.186	.25
26	MP4B	Z	21.106	.25
27	MP4B	Mx	-.006	.25
28	MP4B	X	12.186	3.75
29	MP4B	Z	21.106	3.75
30	MP4B	Mx	-.006	3.75
31	MP4C	X	11.202	.25
32	MP4C	Z	19.402	.25
33	MP4C	Mx	.011	.25
34	MP4C	X	11.202	3.75
35	MP4C	Z	19.402	3.75
36	MP4C	Mx	.011	3.75
37	MP3A	X	16.891	.46
38	MP3A	Z	29.256	.46
39	MP3A	Mx	.01	.46
40	MP3A	X	16.891	4.29
41	MP3A	Z	29.256	4.29
42	MP3A	Mx	.01	4.29
43	MP3B	X	16.891	.46
44	MP3B	Z	29.256	.46
45	MP3B	Mx	-.027	.46
46	MP3B	X	16.891	4.29
47	MP3B	Z	29.256	4.29
48	MP3B	Mx	-.027	4.29
49	MP3C	X	12.693	.46
50	MP3C	Z	21.984	.46
51	MP3C	Mx	.01	.46
52	MP3C	X	12.693	4.29
53	MP3C	Z	21.984	4.29
54	MP3C	Mx	.01	4.29
55	MP3A	X	16.891	.46
56	MP3A	Z	29.256	.46
57	MP3A	Mx	-.027	.46
58	MP3A	X	16.891	4.29
59	MP3A	Z	29.256	4.29
60	MP3A	Mx	-.027	4.29
61	MP3B	X	16.891	.46
62	MP3B	Z	29.256	.46
63	MP3B	Mx	.01	.46
64	MP3B	X	16.891	4.29

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP3B	Z	29.256	4.29
66	MP3B	Mx	.01	4.29
67	MP3C	X	12.693	.46
68	MP3C	Z	21.984	.46
69	MP3C	Mx	.015	.46
70	MP3C	X	12.693	4.29
71	MP3C	Z	21.984	4.29
72	MP3C	Mx	.015	4.29
73	MP2A	X	8.359	1
74	MP2A	Z	14.478	1
75	MP2A	Mx	-.004	1
76	MP2A	X	8.359	3
77	MP2A	Z	14.478	3
78	MP2A	Mx	-.004	3
79	MP2B	X	8.359	1
80	MP2B	Z	14.478	1
81	MP2B	Mx	-.004	1
82	MP2B	X	8.359	3
83	MP2B	Z	14.478	3
84	MP2B	Mx	-.004	3
85	MP2C	X	4.326	1
86	MP2C	Z	7.493	1
87	MP2C	Mx	.004	1
88	MP2C	X	4.326	3
89	MP2C	Z	7.493	3
90	MP2C	Mx	.004	3
91	MPA3	X	7.599	.5
92	MPA3	Z	13.163	.5
93	MPA3	Mx	0	.5
94	MP4A	X	7.362	1.5
95	MP4A	Z	12.751	1.5
96	MP4A	Mx	.002	1.5
97	MP4B	X	7.362	1.5
98	MP4B	Z	12.751	1.5
99	MP4B	Mx	.002	1.5
100	MP4C	X	4.77	1.5
101	MP4C	Z	8.262	1.5
102	MP4C	Mx	-.003	1.5
103	MP3A	X	1.872	2
104	MP3A	Z	3.243	2
105	MP3A	Mx	.000312	2
106	MP3B	X	1.872	2
107	MP3B	Z	3.243	2
108	MP3B	Mx	.000312	2
109	MP3C	X	1.498	2
110	MP3C	Z	2.595	2
111	MP3C	Mx	-.000499	2
112	MP3B	X	3.817	.25
113	MP3B	Z	6.611	.25
114	MP3B	Mx	.002	.25
115	MP3B	X	3.817	.25
116	MP3B	Z	6.611	.25
117	MP3B	Mx	.002	.25
118	MPB3	X	7.599	.5
119	MPB3	Z	13.163	.5
120	MPB3	Mx	0	.5
121	MPC3	X	5.797	.5
122	MPC3	Z	10.041	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	25.055	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	3.75
5	MP1A	Z	25.055	3.75
6	MP1A	Mx	0	3.75
7	MP1B	X	0	.25
8	MP1B	Z	23.004	.25
9	MP1B	Mx	-.01	.25
10	MP1B	X	0	3.75
11	MP1B	Z	23.004	3.75
12	MP1B	Mx	-.01	3.75
13	MP1C	X	0	.25
14	MP1C	Z	23.45	.25
15	MP1C	Mx	.009	.25
16	MP1C	X	0	3.75
17	MP1C	Z	23.45	3.75
18	MP1C	Mx	.009	3.75
19	MP4A	X	0	.25
20	MP4A	Z	25.055	.25
21	MP4A	Mx	0	.25
22	MP4A	X	0	3.75
23	MP4A	Z	25.055	3.75
24	MP4A	Mx	0	3.75
25	MP4B	X	0	.25
26	MP4B	Z	23.004	.25
27	MP4B	Mx	-.01	.25
28	MP4B	X	0	3.75
29	MP4B	Z	23.004	3.75
30	MP4B	Mx	-.01	3.75
31	MP4C	X	0	.25
32	MP4C	Z	23.45	.25
33	MP4C	Mx	.009	.25
34	MP4C	X	0	3.75
35	MP4C	Z	23.45	3.75
36	MP4C	Mx	.009	3.75
37	MP3A	X	0	.46
38	MP3A	Z	36.698	.46
39	MP3A	Mx	.023	.46
40	MP3A	X	0	4.29
41	MP3A	Z	36.698	4.29
42	MP3A	Mx	.023	4.29
43	MP3B	X	0	.46
44	MP3B	Z	27.95	.46
45	MP3B	Mx	-.021	.46
46	MP3B	X	0	4.29
47	MP3B	Z	27.95	4.29
48	MP3B	Mx	-.021	4.29
49	MP3C	X	0	.46
50	MP3C	Z	29.853	.46
51	MP3C	Mx	-.000559	.46
52	MP3C	X	0	4.29
53	MP3C	Z	29.853	4.29
54	MP3C	Mx	-.000559	4.29
55	MP3A	X	0	.46
56	MP3A	Z	36.698	.46
57	MP3A	Mx	-.023	.46
58	MP3A	X	0	4.29
59	MP3A	Z	36.698	4.29

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3A	Mx	-.023	4.29
61	MP3B	X	0	.46
62	MP3B	Z	27.95	.46
63	MP3B	Mx	-.003	.46
64	MP3B	X	0	4.29
65	MP3B	Z	27.95	4.29
66	MP3B	Mx	-.003	4.29
67	MP3C	X	0	.46
68	MP3C	Z	29.853	.46
69	MP3C	Mx	.023	.46
70	MP3C	X	0	4.29
71	MP3C	Z	29.853	4.29
72	MP3C	Mx	.023	4.29
73	MP2A	X	0	1
74	MP2A	Z	19.519	1
75	MP2A	Mx	0	1
76	MP2A	X	0	3
77	MP2A	Z	19.519	3
78	MP2A	Mx	0	3
79	MP2B	X	0	1
80	MP2B	Z	11.115	1
81	MP2B	Mx	-.005	1
82	MP2B	X	0	3
83	MP2B	Z	11.115	3
84	MP2B	Mx	-.005	3
85	MP2C	X	0	1
86	MP2C	Z	12.944	1
87	MP2C	Mx	.005	1
88	MP2C	X	0	3
89	MP2C	Z	12.944	3
90	MP2C	Mx	.005	3
91	MPA3	X	0	.5
92	MPA3	Z	16.451	.5
93	MPA3	Mx	0	.5
94	MP4A	X	0	1.5
95	MP4A	Z	16.451	1.5
96	MP4A	Mx	0	1.5
97	MP4B	X	0	1.5
98	MP4B	Z	11.268	1.5
99	MP4B	Mx	.003	1.5
100	MP4C	X	0	1.5
101	MP4C	Z	11.268	1.5
102	MP4C	Mx	-.003	1.5
103	MP3A	X	0	2
104	MP3A	Z	3.993	2
105	MP3A	Mx	0	2
106	MP3B	X	0	2
107	MP3B	Z	3.246	2
108	MP3B	Mx	.000469	2
109	MP3C	X	0	2
110	MP3C	Z	3.246	2
111	MP3C	Mx	-.000469	2
112	MP3B	X	0	.25
113	MP3B	Z	4.816	.25
114	MP3B	Mx	.002	.25
115	MP3B	X	0	.25
116	MP3B	Z	4.816	.25
117	MP3B	Mx	.002	.25
118	MPB3	X	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
119	MPB3	Z	12.695	.5
120	MPB3	Mx	0	.5
121	MPC3	X	0	.5
122	MPC3	Z	13.512	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-12.186	.25
2	MP1A	Z	21.106	.25
3	MP1A	Mx	.006	.25
4	MP1A	X	-12.186	3.75
5	MP1A	Z	21.106	3.75
6	MP1A	Mx	.006	3.75
7	MP1B	X	-11.16	.25
8	MP1B	Z	19.33	.25
9	MP1B	Mx	-.011	.25
10	MP1B	X	-11.16	3.75
11	MP1B	Z	19.33	3.75
12	MP1B	Mx	-.011	3.75
13	MP1C	X	-12.367	.25
14	MP1C	Z	21.421	.25
15	MP1C	Mx	.004	.25
16	MP1C	X	-12.367	3.75
17	MP1C	Z	21.421	3.75
18	MP1C	Mx	.004	3.75
19	MP4A	X	-12.186	.25
20	MP4A	Z	21.106	.25
21	MP4A	Mx	.006	.25
22	MP4A	X	-12.186	3.75
23	MP4A	Z	21.106	3.75
24	MP4A	Mx	.006	3.75
25	MP4B	X	-11.16	.25
26	MP4B	Z	19.33	.25
27	MP4B	Mx	-.011	.25
28	MP4B	X	-11.16	3.75
29	MP4B	Z	19.33	3.75
30	MP4B	Mx	-.011	3.75
31	MP4C	X	-12.367	.25
32	MP4C	Z	21.421	.25
33	MP4C	Mx	.004	.25
34	MP4C	X	-12.367	3.75
35	MP4C	Z	21.421	3.75
36	MP4C	Mx	.004	3.75
37	MP3A	X	-16.891	.46
38	MP3A	Z	29.256	.46
39	MP3A	Mx	.027	.46
40	MP3A	X	-16.891	4.29
41	MP3A	Z	29.256	4.29
42	MP3A	Mx	.027	4.29
43	MP3B	X	-12.517	.46
44	MP3B	Z	21.68	.46
45	MP3B	Mx	-.013	.46
46	MP3B	X	-12.517	4.29
47	MP3B	Z	21.68	4.29
48	MP3B	Mx	-.013	4.29
49	MP3C	X	-17.667	.46
50	MP3C	Z	30.6	.46

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3C	Mx	-.015	.46
52	MP3C	X	-17.667	4.29
53	MP3C	Z	30.6	4.29
54	MP3C	Mx	-.015	4.29
55	MP3A	X	-16.891	.46
56	MP3A	Z	29.256	.46
57	MP3A	Mx	-.01	.46
58	MP3A	X	-16.891	4.29
59	MP3A	Z	29.256	4.29
60	MP3A	Mx	-.01	4.29
61	MP3B	X	-12.517	.46
62	MP3B	Z	21.68	.46
63	MP3B	Mx	-.013	.46
64	MP3B	X	-12.517	4.29
65	MP3B	Z	21.68	4.29
66	MP3B	Mx	-.013	4.29
67	MP3C	X	-17.667	.46
68	MP3C	Z	30.6	.46
69	MP3C	Mx	.027	.46
70	MP3C	X	-17.667	4.29
71	MP3C	Z	30.6	4.29
72	MP3C	Mx	.027	4.29
73	MP2A	X	-8.359	1
74	MP2A	Z	14.478	1
75	MP2A	Mx	.004	1
76	MP2A	X	-8.359	3
77	MP2A	Z	14.478	3
78	MP2A	Mx	.004	3
79	MP2B	X	-4.157	1
80	MP2B	Z	7.2	1
81	MP2B	Mx	-.004	1
82	MP2B	X	-4.157	3
83	MP2B	Z	7.2	3
84	MP2B	Mx	-.004	3
85	MP2C	X	-9.104	1
86	MP2C	Z	15.769	1
87	MP2C	Mx	.003	1
88	MP2C	X	-9.104	3
89	MP2C	Z	15.769	3
90	MP2C	Mx	.003	3
91	MPA3	X	-7.599	.5
92	MPA3	Z	13.163	.5
93	MPA3	Mx	0	.5
94	MP4A	X	-7.362	1.5
95	MP4A	Z	12.751	1.5
96	MP4A	Mx	-.002	1.5
97	MP4B	X	-4.77	1.5
98	MP4B	Z	8.262	1.5
99	MP4B	Mx	.003	1.5
100	MP4C	X	-7.362	1.5
101	MP4C	Z	12.751	1.5
102	MP4C	Mx	-.002	1.5
103	MP3A	X	-1.872	2
104	MP3A	Z	3.243	2
105	MP3A	Mx	-.000312	2
106	MP3B	X	-1.498	2
107	MP3B	Z	2.595	2
108	MP3B	Mx	.000499	2
109	MP3C	X	-1.872	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP3C	Z	3.243	2
111	MP3C	Mx	-.000312	2
112	MP3B	X	-1.704	.25
113	MP3B	Z	2.951	.25
114	MP3B	Mx	.002	.25
115	MP3B	X	-1.704	.25
116	MP3B	Z	2.951	.25
117	MP3B	Mx	.002	.25
118	MPB3	X	-5.722	.5
119	MPB3	Z	9.91	.5
120	MPB3	Mx	0	.5
121	MPC3	X	-7.932	.5
122	MPC3	Z	13.739	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-19.922	.25
2	MP1A	Z	11.502	.25
3	MP1A	Mx	.01	.25
4	MP1A	X	-19.922	3.75
5	MP1A	Z	11.502	3.75
6	MP1A	Mx	.01	3.75
7	MP1B	X	-19.922	.25
8	MP1B	Z	11.502	.25
9	MP1B	Mx	-.01	.25
10	MP1B	X	-19.922	3.75
11	MP1B	Z	11.502	3.75
12	MP1B	Mx	-.01	3.75
13	MP1C	X	-21.626	.25
14	MP1C	Z	12.486	.25
15	MP1C	Mx	-.002	.25
16	MP1C	X	-21.626	3.75
17	MP1C	Z	12.486	3.75
18	MP1C	Mx	-.002	3.75
19	MP4A	X	-19.922	.25
20	MP4A	Z	11.502	.25
21	MP4A	Mx	.01	.25
22	MP4A	X	-19.922	3.75
23	MP4A	Z	11.502	3.75
24	MP4A	Mx	.01	3.75
25	MP4B	X	-19.922	.25
26	MP4B	Z	11.502	.25
27	MP4B	Mx	-.01	.25
28	MP4B	X	-19.922	3.75
29	MP4B	Z	11.502	3.75
30	MP4B	Mx	-.01	3.75
31	MP4C	X	-21.626	.25
32	MP4C	Z	12.486	.25
33	MP4C	Mx	-.002	.25
34	MP4C	X	-21.626	3.75
35	MP4C	Z	12.486	3.75
36	MP4C	Mx	-.002	3.75
37	MP3A	X	-24.205	.46
38	MP3A	Z	13.975	.46
39	MP3A	Mx	.021	.46
40	MP3A	X	-24.205	4.29
41	MP3A	Z	13.975	4.29

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mx	.021	4.29
43	MP3B	X	-24.205	.46
44	MP3B	Z	13.975	.46
45	MP3B	Mx	-.003	.46
46	MP3B	X	-24.205	4.29
47	MP3B	Z	13.975	4.29
48	MP3B	Mx	-.003	4.29
49	MP3C	X	-31.477	.46
50	MP3C	Z	18.173	.46
51	MP3C	Mx	-.026	.46
52	MP3C	X	-31.477	4.29
53	MP3C	Z	18.173	4.29
54	MP3C	Mx	-.026	4.29
55	MP3A	X	-24.205	.46
56	MP3A	Z	13.975	.46
57	MP3A	Mx	.003	.46
58	MP3A	X	-24.205	4.29
59	MP3A	Z	13.975	4.29
60	MP3A	Mx	.003	4.29
61	MP3B	X	-24.205	.46
62	MP3B	Z	13.975	.46
63	MP3B	Mx	-.021	.46
64	MP3B	X	-24.205	4.29
65	MP3B	Z	13.975	4.29
66	MP3B	Mx	-.021	4.29
67	MP3C	X	-31.477	.46
68	MP3C	Z	18.173	.46
69	MP3C	Mx	.019	.46
70	MP3C	X	-31.477	4.29
71	MP3C	Z	18.173	4.29
72	MP3C	Mx	.019	4.29
73	MP2A	X	-9.626	1
74	MP2A	Z	5.558	1
75	MP2A	Mx	.005	1
76	MP2A	X	-9.626	3
77	MP2A	Z	5.558	3
78	MP2A	Mx	.005	3
79	MP2B	X	-9.626	1
80	MP2B	Z	5.558	1
81	MP2B	Mx	-.005	1
82	MP2B	X	-9.626	3
83	MP2B	Z	5.558	3
84	MP2B	Mx	-.005	3
85	MP2C	X	-16.611	1
86	MP2C	Z	9.59	1
87	MP2C	Mx	-.002	1
88	MP2C	X	-16.611	3
89	MP2C	Z	9.59	3
90	MP2C	Mx	-.002	3
91	MPA3	X	-10.994	.5
92	MPA3	Z	6.348	.5
93	MPA3	Mx	0	.5
94	MP4A	X	-9.758	1.5
95	MP4A	Z	5.634	1.5
96	MP4A	Mx	-.003	1.5
97	MP4B	X	-9.758	1.5
98	MP4B	Z	5.634	1.5
99	MP4B	Mx	.003	1.5
100	MP4C	X	-14.247	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP4C	Z	8.225	1.5
102	MP4C	Mx	0	1.5
103	MP3A	X	-2.811	2
104	MP3A	Z	1.623	2
105	MP3A	Mx	-.000468	2
106	MP3B	X	-2.811	2
107	MP3B	Z	1.623	2
108	MP3B	Mx	.000469	2
109	MP3C	X	-3.458	2
110	MP3C	Z	1.997	2
111	MP3C	Mx	0	2
112	MP3B	X	-4.171	.25
113	MP3B	Z	2.408	.25
114	MP3B	Mx	.002	.25
115	MP3B	X	-4.171	.25
116	MP3B	Z	2.408	.25
117	MP3B	Mx	.002	.25
118	MPB3	X	-10.994	.5
119	MPB3	Z	6.348	.5
120	MPB3	Mx	0	.5
121	MPC3	X	-14.116	.5
122	MPC3	Z	8.15	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-22.321	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	.011	.25
4	MP1A	X	-22.321	3.75
5	MP1A	Z	0	3.75
6	MP1A	Mx	.011	3.75
7	MP1B	X	-24.371	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	-.006	.25
10	MP1B	X	-24.371	3.75
11	MP1B	Z	0	3.75
12	MP1B	Mx	-.006	3.75
13	MP1C	X	-23.925	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	-.008	.25
16	MP1C	X	-23.925	3.75
17	MP1C	Z	0	3.75
18	MP1C	Mx	-.008	3.75
19	MP4A	X	-22.321	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	.011	.25
22	MP4A	X	-22.321	3.75
23	MP4A	Z	0	3.75
24	MP4A	Mx	.011	3.75
25	MP4B	X	-24.371	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	-.006	.25
28	MP4B	X	-24.371	3.75
29	MP4B	Z	0	3.75
30	MP4B	Mx	-.006	3.75
31	MP4C	X	-23.925	.25
32	MP4C	Z	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP4C	Mx	-.008	.25
34	MP4C	X	-23.925	3.75
35	MP4C	Z	0	3.75
36	MP4C	Mx	-.008	3.75
37	MP3A	X	-25.034	.46
38	MP3A	Z	0	.46
39	MP3A	Mx	.013	.46
40	MP3A	X	-25.034	4.29
41	MP3A	Z	0	4.29
42	MP3A	Mx	.013	4.29
43	MP3B	X	-33.782	.46
44	MP3B	Z	0	.46
45	MP3B	Mx	.01	.46
46	MP3B	X	-33.782	4.29
47	MP3B	Z	0	4.29
48	MP3B	Mx	.01	4.29
49	MP3C	X	-31.879	.46
50	MP3C	Z	0	.46
51	MP3C	Mx	-.026	.46
52	MP3C	X	-31.879	4.29
53	MP3C	Z	0	4.29
54	MP3C	Mx	-.026	4.29
55	MP3A	X	-25.034	.46
56	MP3A	Z	0	.46
57	MP3A	Mx	.013	.46
58	MP3A	X	-25.034	4.29
59	MP3A	Z	0	4.29
60	MP3A	Mx	.013	4.29
61	MP3B	X	-33.782	.46
62	MP3B	Z	0	.46
63	MP3B	Mx	-.027	.46
64	MP3B	X	-33.782	4.29
65	MP3B	Z	0	4.29
66	MP3B	Mx	-.027	4.29
67	MP3C	X	-31.879	.46
68	MP3C	Z	0	.46
69	MP3C	Mx	.005	.46
70	MP3C	X	-31.879	4.29
71	MP3C	Z	0	4.29
72	MP3C	Mx	.005	4.29
73	MP2A	X	-8.314	1
74	MP2A	Z	0	1
75	MP2A	Mx	.004	1
76	MP2A	X	-8.314	3
77	MP2A	Z	0	3
78	MP2A	Mx	.004	3
79	MP2B	X	-16.718	1
80	MP2B	Z	0	1
81	MP2B	Mx	-.004	1
82	MP2B	X	-16.718	3
83	MP2B	Z	0	3
84	MP2B	Mx	-.004	3
85	MP2C	X	-14.889	1
86	MP2C	Z	0	1
87	MP2C	Mx	-.005	1
88	MP2C	X	-14.889	3
89	MP2C	Z	0	3
90	MP2C	Mx	-.005	3
91	MPA3	X	-11.443	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MPA3	Z	0	.5
93	MPA3	Mx	0	.5
94	MP4A	X	-9.54	1.5
95	MP4A	Z	0	1.5
96	MP4A	Mx	-.003	1.5
97	MP4B	X	-14.723	1.5
98	MP4B	Z	0	1.5
99	MP4B	Mx	.002	1.5
100	MP4C	X	-14.723	1.5
101	MP4C	Z	0	1.5
102	MP4C	Mx	.002	1.5
103	MP3A	X	-2.997	2
104	MP3A	Z	0	2
105	MP3A	Mx	-.000499	2
106	MP3B	X	-3.744	2
107	MP3B	Z	0	2
108	MP3B	Mx	.000312	2
109	MP3C	X	-3.744	2
110	MP3C	Z	0	2
111	MP3C	Mx	.000312	2
112	MP3B	X	-7.634	.25
113	MP3B	Z	0	.25
114	MP3B	Mx	.002	.25
115	MP3B	X	-7.634	.25
116	MP3B	Z	0	.25
117	MP3B	Mx	.002	.25
118	MPB3	X	-15.199	.5
119	MPB3	Z	0	.5
120	MPB3	Mx	0	.5
121	MPC3	X	-14.382	.5
122	MPC3	Z	0	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-19.922	.25
2	MP1A	Z	-11.502	.25
3	MP1A	Mx	.01	.25
4	MP1A	X	-19.922	3.75
5	MP1A	Z	-11.502	3.75
6	MP1A	Mx	.01	3.75
7	MP1B	X	-21.698	.25
8	MP1B	Z	-12.527	.25
9	MP1B	Mx	0	.25
10	MP1B	X	-21.698	3.75
11	MP1B	Z	-12.527	3.75
12	MP1B	Mx	0	3.75
13	MP1C	X	-19.607	.25
14	MP1C	Z	-11.32	.25
15	MP1C	Mx	-.011	.25
16	MP1C	X	-19.607	3.75
17	MP1C	Z	-11.32	3.75
18	MP1C	Mx	-.011	3.75
19	MP4A	X	-19.922	.25
20	MP4A	Z	-11.502	.25
21	MP4A	Mx	.01	.25
22	MP4A	X	-19.922	3.75
23	MP4A	Z	-11.502	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP4A	Mx	.01	3.75
25	MP4B	X	-21.698	.25
26	MP4B	Z	-12.527	.25
27	MP4B	Mx	0	.25
28	MP4B	X	-21.698	3.75
29	MP4B	Z	-12.527	3.75
30	MP4B	Mx	0	3.75
31	MP4C	X	-19.607	.25
32	MP4C	Z	-11.32	.25
33	MP4C	Mx	-.011	.25
34	MP4C	X	-19.607	3.75
35	MP4C	Z	-11.32	3.75
36	MP4C	Mx	-.011	3.75
37	MP3A	X	-24.205	.46
38	MP3A	Z	-13.975	.46
39	MP3A	Mx	.003	.46
40	MP3A	X	-24.205	4.29
41	MP3A	Z	-13.975	4.29
42	MP3A	Mx	.003	4.29
43	MP3B	X	-31.781	.46
44	MP3B	Z	-18.349	.46
45	MP3B	Mx	.023	.46
46	MP3B	X	-31.781	4.29
47	MP3B	Z	-18.349	4.29
48	MP3B	Mx	.023	4.29
49	MP3C	X	-22.862	.46
50	MP3C	Z	-13.199	.46
51	MP3C	Mx	-.018	.46
52	MP3C	X	-22.862	4.29
53	MP3C	Z	-13.199	4.29
54	MP3C	Mx	-.018	4.29
55	MP3A	X	-24.205	.46
56	MP3A	Z	-13.975	.46
57	MP3A	Mx	.021	.46
58	MP3A	X	-24.205	4.29
59	MP3A	Z	-13.975	4.29
60	MP3A	Mx	.021	4.29
61	MP3B	X	-31.781	.46
62	MP3B	Z	-18.349	.46
63	MP3B	Mx	-.023	.46
64	MP3B	X	-31.781	4.29
65	MP3B	Z	-18.349	4.29
66	MP3B	Mx	-.023	4.29
67	MP3C	X	-22.862	.46
68	MP3C	Z	-13.199	.46
69	MP3C	Mx	-.007	.46
70	MP3C	X	-22.862	4.29
71	MP3C	Z	-13.199	4.29
72	MP3C	Mx	-.007	4.29
73	MP2A	X	-9.626	1
74	MP2A	Z	-5.558	1
75	MP2A	Mx	.005	1
76	MP2A	X	-9.626	3
77	MP2A	Z	-5.558	3
78	MP2A	Mx	.005	3
79	MP2B	X	-16.904	1
80	MP2B	Z	-9.759	1
81	MP2B	Mx	0	1
82	MP2B	X	-16.904	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP2B	Z	-9.759	3
84	MP2B	Mx	0	3
85	MP2C	X	-8.335	1
86	MP2C	Z	-4.812	1
87	MP2C	Mx	-.005	1
88	MP2C	X	-8.335	3
89	MP2C	Z	-4.812	3
90	MP2C	Mx	-.005	3
91	MPA3	X	-10.994	.5
92	MPA3	Z	-6.348	.5
93	MPA3	Mx	0	.5
94	MP4A	X	-9.758	1.5
95	MP4A	Z	-5.634	1.5
96	MP4A	Mx	-.003	1.5
97	MP4B	X	-14.247	1.5
98	MP4B	Z	-8.225	1.5
99	MP4B	Mx	0	1.5
100	MP4C	X	-9.758	1.5
101	MP4C	Z	-5.634	1.5
102	MP4C	Mx	.003	1.5
103	MP3A	X	-2.811	2
104	MP3A	Z	-1.623	2
105	MP3A	Mx	-.000468	2
106	MP3B	X	-3.458	2
107	MP3B	Z	-1.997	2
108	MP3B	Mx	0	2
109	MP3C	X	-2.811	2
110	MP3C	Z	-1.623	2
111	MP3C	Mx	.000469	2
112	MP3B	X	-7.832	.25
113	MP3B	Z	-4.522	.25
114	MP3B	Mx	0	.25
115	MP3B	X	-7.832	.25
116	MP3B	Z	-4.522	.25
117	MP3B	Mx	0	.25
118	MPB3	X	-14.247	.5
119	MPB3	Z	-8.225	.5
120	MPB3	Mx	0	.5
121	MPC3	X	-10.417	.5
122	MPC3	Z	-6.014	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-12.186	.25
2	MP1A	Z	-21.106	.25
3	MP1A	Mx	.006	.25
4	MP1A	X	-12.186	3.75
5	MP1A	Z	-21.106	3.75
6	MP1A	Mx	.006	3.75
7	MP1B	X	-12.186	.25
8	MP1B	Z	-21.106	.25
9	MP1B	Mx	.006	.25
10	MP1B	X	-12.186	3.75
11	MP1B	Z	-21.106	3.75
12	MP1B	Mx	.006	3.75
13	MP1C	X	-11.202	.25
14	MP1C	Z	-19.402	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP1C	Mx	-.011	.25
16	MP1C	X	-11.202	3.75
17	MP1C	Z	-19.402	3.75
18	MP1C	Mx	-.011	3.75
19	MP4A	X	-12.186	.25
20	MP4A	Z	-21.106	.25
21	MP4A	Mx	.006	.25
22	MP4A	X	-12.186	3.75
23	MP4A	Z	-21.106	3.75
24	MP4A	Mx	.006	3.75
25	MP4B	X	-12.186	.25
26	MP4B	Z	-21.106	.25
27	MP4B	Mx	.006	.25
28	MP4B	X	-12.186	3.75
29	MP4B	Z	-21.106	3.75
30	MP4B	Mx	.006	3.75
31	MP4C	X	-11.202	.25
32	MP4C	Z	-19.402	.25
33	MP4C	Mx	-.011	.25
34	MP4C	X	-11.202	3.75
35	MP4C	Z	-19.402	3.75
36	MP4C	Mx	-.011	3.75
37	MP3A	X	-16.891	.46
38	MP3A	Z	-29.256	.46
39	MP3A	Mx	-.01	.46
40	MP3A	X	-16.891	4.29
41	MP3A	Z	-29.256	4.29
42	MP3A	Mx	-.01	4.29
43	MP3B	X	-16.891	.46
44	MP3B	Z	-29.256	.46
45	MP3B	Mx	.027	.46
46	MP3B	X	-16.891	4.29
47	MP3B	Z	-29.256	4.29
48	MP3B	Mx	.027	4.29
49	MP3C	X	-12.693	.46
50	MP3C	Z	-21.984	.46
51	MP3C	Mx	-.01	.46
52	MP3C	X	-12.693	4.29
53	MP3C	Z	-21.984	4.29
54	MP3C	Mx	-.01	4.29
55	MP3A	X	-16.891	.46
56	MP3A	Z	-29.256	.46
57	MP3A	Mx	.027	.46
58	MP3A	X	-16.891	4.29
59	MP3A	Z	-29.256	4.29
60	MP3A	Mx	.027	4.29
61	MP3B	X	-16.891	.46
62	MP3B	Z	-29.256	.46
63	MP3B	Mx	-.01	.46
64	MP3B	X	-16.891	4.29
65	MP3B	Z	-29.256	4.29
66	MP3B	Mx	-.01	4.29
67	MP3C	X	-12.693	.46
68	MP3C	Z	-21.984	.46
69	MP3C	Mx	-.015	.46
70	MP3C	X	-12.693	4.29
71	MP3C	Z	-21.984	4.29
72	MP3C	Mx	-.015	4.29
73	MP2A	X	-8.359	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP2A	Z	-14.478	1
75	MP2A	Mx	.004	1
76	MP2A	X	-8.359	3
77	MP2A	Z	-14.478	3
78	MP2A	Mx	.004	3
79	MP2B	X	-8.359	1
80	MP2B	Z	-14.478	1
81	MP2B	Mx	.004	1
82	MP2B	X	-8.359	3
83	MP2B	Z	-14.478	3
84	MP2B	Mx	.004	3
85	MP2C	X	-4.326	1
86	MP2C	Z	-7.493	1
87	MP2C	Mx	-.004	1
88	MP2C	X	-4.326	3
89	MP2C	Z	-7.493	3
90	MP2C	Mx	-.004	3
91	MPA3	X	-7.599	.5
92	MPA3	Z	-13.163	.5
93	MPA3	Mx	0	.5
94	MP4A	X	-7.362	1.5
95	MP4A	Z	-12.751	1.5
96	MP4A	Mx	-.002	1.5
97	MP4B	X	-7.362	1.5
98	MP4B	Z	-12.751	1.5
99	MP4B	Mx	-.002	1.5
100	MP4C	X	-4.77	1.5
101	MP4C	Z	-8.262	1.5
102	MP4C	Mx	.003	1.5
103	MP3A	X	-1.872	2
104	MP3A	Z	-3.243	2
105	MP3A	Mx	-.000312	2
106	MP3B	X	-1.872	2
107	MP3B	Z	-3.243	2
108	MP3B	Mx	-.000312	2
109	MP3C	X	-1.498	2
110	MP3C	Z	-2.595	2
111	MP3C	Mx	.000499	2
112	MP3B	X	-3.817	.25
113	MP3B	Z	-6.611	.25
114	MP3B	Mx	-.002	.25
115	MP3B	X	-3.817	.25
116	MP3B	Z	-6.611	.25
117	MP3B	Mx	-.002	.25
118	MPB3	X	-7.599	.5
119	MPB3	Z	-13.163	.5
120	MPB3	Mx	0	.5
121	MPC3	X	-5.797	.5
122	MPC3	Z	-10.041	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	-8.139	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	3.75
5	MP1A	Z	-8.139	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP1A	Mx	0	3.75
7	MP1B	X	0	.25
8	MP1B	Z	-7.419	.25
9	MP1B	Mx	.003	.25
10	MP1B	X	0	3.75
11	MP1B	Z	-7.419	3.75
12	MP1B	Mx	.003	3.75
13	MP1C	X	0	.25
14	MP1C	Z	-7.575	.25
15	MP1C	Mx	-.003	.25
16	MP1C	X	0	3.75
17	MP1C	Z	-7.575	3.75
18	MP1C	Mx	-.003	3.75
19	MP4A	X	0	.25
20	MP4A	Z	-8.139	.25
21	MP4A	Mx	0	.25
22	MP4A	X	0	3.75
23	MP4A	Z	-8.139	3.75
24	MP4A	Mx	0	3.75
25	MP4B	X	0	.25
26	MP4B	Z	-7.419	.25
27	MP4B	Mx	.003	.25
28	MP4B	X	0	3.75
29	MP4B	Z	-7.419	3.75
30	MP4B	Mx	.003	3.75
31	MP4C	X	0	.25
32	MP4C	Z	-7.575	.25
33	MP4C	Mx	-.003	.25
34	MP4C	X	0	3.75
35	MP4C	Z	-7.575	3.75
36	MP4C	Mx	-.003	3.75
37	MP3A	X	0	.46
38	MP3A	Z	-12.056	.46
39	MP3A	Mx	-.008	.46
40	MP3A	X	0	4.29
41	MP3A	Z	-12.056	4.29
42	MP3A	Mx	-.008	4.29
43	MP3B	X	0	.46
44	MP3B	Z	-8.953	.46
45	MP3B	Mx	.007	.46
46	MP3B	X	0	4.29
47	MP3B	Z	-8.953	4.29
48	MP3B	Mx	.007	4.29
49	MP3C	X	0	.46
50	MP3C	Z	-9.628	.46
51	MP3C	Mx	.00018	.46
52	MP3C	X	0	4.29
53	MP3C	Z	-9.628	4.29
54	MP3C	Mx	.00018	4.29
55	MP3A	X	0	.46
56	MP3A	Z	-12.056	.46
57	MP3A	Mx	.008	.46
58	MP3A	X	0	4.29
59	MP3A	Z	-12.056	4.29
60	MP3A	Mx	.008	4.29
61	MP3B	X	0	.46
62	MP3B	Z	-8.953	.46
63	MP3B	Mx	.001	.46
64	MP3B	X	0	4.29

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP3B	Z	-8.953	4.29
66	MP3B	Mx	.001	4.29
67	MP3C	X	0	.46
68	MP3C	Z	-9.628	.46
69	MP3C	Mx	-.008	.46
70	MP3C	X	0	4.29
71	MP3C	Z	-9.628	4.29
72	MP3C	Mx	-.008	4.29
73	MP2A	X	0	1
74	MP2A	Z	-5.188	1
75	MP2A	Mx	0	1
76	MP2A	X	0	3
77	MP2A	Z	-5.188	3
78	MP2A	Mx	0	3
79	MP2B	X	0	1
80	MP2B	Z	-2.637	1
81	MP2B	Mx	.001	1
82	MP2B	X	0	3
83	MP2B	Z	-2.637	3
84	MP2B	Mx	.001	3
85	MP2C	X	0	1
86	MP2C	Z	-3.192	1
87	MP2C	Mx	-.001	1
88	MP2C	X	0	3
89	MP2C	Z	-3.192	3
90	MP2C	Mx	-.001	3
91	MPA3	X	0	.5
92	MPA3	Z	-4.102	.5
93	MPA3	Mx	0	.5
94	MP4A	X	0	1.5
95	MP4A	Z	-4.102	1.5
96	MP4A	Mx	0	1.5
97	MP4B	X	0	1.5
98	MP4B	Z	-2.713	1.5
99	MP4B	Mx	-.000783	1.5
100	MP4C	X	0	1.5
101	MP4C	Z	-2.713	1.5
102	MP4C	Mx	.000783	1.5
103	MP3A	X	0	2
104	MP3A	Z	-.979	2
105	MP3A	Mx	0	2
106	MP3B	X	0	2
107	MP3B	Z	-.753	2
108	MP3B	Mx	-.000109	2
109	MP3C	X	0	2
110	MP3C	Z	-.753	2
111	MP3C	Mx	.000109	2
112	MP3B	X	0	.25
113	MP3B	Z	-1.213	.25
114	MP3B	Mx	-.000525	.25
115	MP3B	X	0	.25
116	MP3B	Z	-1.213	.25
117	MP3B	Mx	-.000525	.25
118	MPB3	X	0	.5
119	MPB3	Z	-3.09	.5
120	MPB3	Mx	0	.5
121	MPC3	X	0	.5
122	MPC3	Z	-3.31	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	3.949	.25
2	MP1A	Z	-6.841	.25
3	MP1A	Mx	-.002	.25
4	MP1A	X	3.949	3.75
5	MP1A	Z	-6.841	3.75
6	MP1A	Mx	-.002	3.75
7	MP1B	X	3.589	.25
8	MP1B	Z	-6.217	.25
9	MP1B	Mx	.004	.25
10	MP1B	X	3.589	3.75
11	MP1B	Z	-6.217	3.75
12	MP1B	Mx	.004	3.75
13	MP1C	X	4.013	.25
14	MP1C	Z	-6.951	.25
15	MP1C	Mx	-.001	.25
16	MP1C	X	4.013	3.75
17	MP1C	Z	-6.951	3.75
18	MP1C	Mx	-.001	3.75
19	MP4A	X	3.949	.25
20	MP4A	Z	-6.841	.25
21	MP4A	Mx	-.002	.25
22	MP4A	X	3.949	3.75
23	MP4A	Z	-6.841	3.75
24	MP4A	Mx	-.002	3.75
25	MP4B	X	3.589	.25
26	MP4B	Z	-6.217	.25
27	MP4B	Mx	.004	.25
28	MP4B	X	3.589	3.75
29	MP4B	Z	-6.217	3.75
30	MP4B	Mx	.004	3.75
31	MP4C	X	4.013	.25
32	MP4C	Z	-6.951	.25
33	MP4C	Mx	-.001	.25
34	MP4C	X	4.013	3.75
35	MP4C	Z	-6.951	3.75
36	MP4C	Mx	-.001	3.75
37	MP3A	X	5.511	.46
38	MP3A	Z	-9.545	.46
39	MP3A	Mx	-.009	.46
40	MP3A	X	5.511	4.29
41	MP3A	Z	-9.545	4.29
42	MP3A	Mx	-.009	4.29
43	MP3B	X	3.959	.46
44	MP3B	Z	-6.857	.46
45	MP3B	Mx	.004	.46
46	MP3B	X	3.959	4.29
47	MP3B	Z	-6.857	4.29
48	MP3B	Mx	.004	4.29
49	MP3C	X	5.786	.46
50	MP3C	Z	-10.022	.46
51	MP3C	Mx	.005	.46
52	MP3C	X	5.786	4.29
53	MP3C	Z	-10.022	4.29
54	MP3C	Mx	.005	4.29
55	MP3A	X	5.511	.46
56	MP3A	Z	-9.545	.46
57	MP3A	Mx	.003	.46
58	MP3A	X	5.511	4.29
59	MP3A	Z	-9.545	4.29

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3A	Mx	.003	4.29
61	MP3B	X	3.959	.46
62	MP3B	Z	-6.857	.46
63	MP3B	Mx	.004	.46
64	MP3B	X	3.959	4.29
65	MP3B	Z	-6.857	4.29
66	MP3B	Mx	.004	4.29
67	MP3C	X	5.786	.46
68	MP3C	Z	-10.022	.46
69	MP3C	Mx	-.009	.46
70	MP3C	X	5.786	4.29
71	MP3C	Z	-10.022	4.29
72	MP3C	Mx	-.009	4.29
73	MP2A	X	2.169	1
74	MP2A	Z	-3.756	1
75	MP2A	Mx	-.001	1
76	MP2A	X	2.169	3
77	MP2A	Z	-3.756	3
78	MP2A	Mx	-.001	3
79	MP2B	X	.893	1
80	MP2B	Z	-1.547	1
81	MP2B	Mx	.000893	1
82	MP2B	X	.893	3
83	MP2B	Z	-1.547	3
84	MP2B	Mx	.000893	3
85	MP2C	X	2.395	1
86	MP2C	Z	-4.148	1
87	MP2C	Mx	-.000819	1
88	MP2C	X	2.395	3
89	MP2C	Z	-4.148	3
90	MP2C	Mx	-.000819	3
91	MPA3	X	1.882	.5
92	MPA3	Z	-3.261	.5
93	MPA3	Mx	0	.5
94	MP4A	X	1.82	1.5
95	MP4A	Z	-3.152	1.5
96	MP4A	Mx	.000607	1.5
97	MP4B	X	1.125	1.5
98	MP4B	Z	-1.948	1.5
99	MP4B	Mx	-.00075	1.5
100	MP4C	X	1.82	1.5
101	MP4C	Z	-3.152	1.5
102	MP4C	Mx	.000607	1.5
103	MP3A	X	.452	2
104	MP3A	Z	-.783	2
105	MP3A	Mx	7.5e-5	2
106	MP3B	X	.339	2
107	MP3B	Z	-.587	2
108	MP3B	Mx	-.000113	2
109	MP3C	X	.452	2
110	MP3C	Z	-.783	2
111	MP3C	Mx	7.5e-5	2
112	MP3B	X	.385	.25
113	MP3B	Z	-.667	.25
114	MP3B	Mx	-.000385	.25
115	MP3B	X	.385	.25
116	MP3B	Z	-.667	.25
117	MP3B	Mx	-.000385	.25
118	MPB3	X	1.376	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
119	MPB3	Z	-2.384	.5
120	MPB3	Mx	0	.5
121	MPC3	X	1.972	.5
122	MPC3	Z	-3.416	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	6.425	.25
2	MP1A	Z	-3.709	.25
3	MP1A	Mx	-.003	.25
4	MP1A	X	6.425	3.75
5	MP1A	Z	-3.709	3.75
6	MP1A	Mx	-.003	3.75
7	MP1B	X	6.425	.25
8	MP1B	Z	-3.709	.25
9	MP1B	Mx	.003	.25
10	MP1B	X	6.425	3.75
11	MP1B	Z	-3.709	3.75
12	MP1B	Mx	.003	3.75
13	MP1C	X	7.023	.25
14	MP1C	Z	-4.055	.25
15	MP1C	Mx	.000704	.25
16	MP1C	X	7.023	3.75
17	MP1C	Z	-4.055	3.75
18	MP1C	Mx	.000704	3.75
19	MP4A	X	6.425	.25
20	MP4A	Z	-3.709	.25
21	MP4A	Mx	-.003	.25
22	MP4A	X	6.425	3.75
23	MP4A	Z	-3.709	3.75
24	MP4A	Mx	-.003	3.75
25	MP4B	X	6.425	.25
26	MP4B	Z	-3.709	.25
27	MP4B	Mx	.003	.25
28	MP4B	X	6.425	3.75
29	MP4B	Z	-3.709	3.75
30	MP4B	Mx	.003	3.75
31	MP4C	X	7.023	.25
32	MP4C	Z	-4.055	.25
33	MP4C	Mx	.000704	.25
34	MP4C	X	7.023	3.75
35	MP4C	Z	-4.055	3.75
36	MP4C	Mx	.000704	3.75
37	MP3A	X	7.753	.46
38	MP3A	Z	-4.476	.46
39	MP3A	Mx	-.007	.46
40	MP3A	X	7.753	4.29
41	MP3A	Z	-4.476	4.29
42	MP3A	Mx	-.007	4.29
43	MP3B	X	7.753	.46
44	MP3B	Z	-4.476	.46
45	MP3B	Mx	.001	.46
46	MP3B	X	7.753	4.29
47	MP3B	Z	-4.476	4.29
48	MP3B	Mx	.001	4.29
49	MP3C	X	10.333	.46
50	MP3C	Z	-5.966	.46

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3C	Mx	.008	.46
52	MP3C	X	10.333	4.29
53	MP3C	Z	-5.966	4.29
54	MP3C	Mx	.008	4.29
55	MP3A	X	7.753	.46
56	MP3A	Z	-4.476	.46
57	MP3A	Mx	-.001	.46
58	MP3A	X	7.753	4.29
59	MP3A	Z	-4.476	4.29
60	MP3A	Mx	-.001	4.29
61	MP3B	X	7.753	.46
62	MP3B	Z	-4.476	.46
63	MP3B	Mx	.007	.46
64	MP3B	X	7.753	4.29
65	MP3B	Z	-4.476	4.29
66	MP3B	Mx	.007	4.29
67	MP3C	X	10.333	.46
68	MP3C	Z	-5.966	.46
69	MP3C	Mx	-.006	.46
70	MP3C	X	10.333	4.29
71	MP3C	Z	-5.966	4.29
72	MP3C	Mx	-.006	4.29
73	MP2A	X	2.284	1
74	MP2A	Z	-1.318	1
75	MP2A	Mx	-.001	1
76	MP2A	X	2.284	3
77	MP2A	Z	-1.318	3
78	MP2A	Mx	-.001	3
79	MP2B	X	2.284	1
80	MP2B	Z	-1.318	1
81	MP2B	Mx	.001	1
82	MP2B	X	2.284	3
83	MP2B	Z	-1.318	3
84	MP2B	Mx	.001	3
85	MP2C	X	4.404	1
86	MP2C	Z	-2.543	1
87	MP2C	Mx	.000441	1
88	MP2C	X	4.404	3
89	MP2C	Z	-2.543	3
90	MP2C	Mx	.000441	3
91	MPA3	X	2.676	.5
92	MPA3	Z	-1.545	.5
93	MPA3	Mx	0	.5
94	MP4A	X	2.349	1.5
95	MP4A	Z	-1.356	1.5
96	MP4A	Mx	.000783	1.5
97	MP4B	X	2.349	1.5
98	MP4B	Z	-1.356	1.5
99	MP4B	Mx	-.000783	1.5
100	MP4C	X	3.553	1.5
101	MP4C	Z	-2.051	1.5
102	MP4C	Mx	0	1.5
103	MP3A	X	.652	2
104	MP3A	Z	-.376	2
105	MP3A	Mx	.000109	2
106	MP3B	X	.652	2
107	MP3B	Z	-.376	2
108	MP3B	Mx	-.000109	2
109	MP3C	X	.848	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP3C	Z	-.49	2
111	MP3C	Mx	0	2
112	MP3B	X	1.051	.25
113	MP3B	Z	-.607	.25
114	MP3B	Mx	-.000526	.25
115	MP3B	X	1.051	.25
116	MP3B	Z	-.607	.25
117	MP3B	Mx	-.000526	.25
118	MPB3	X	2.676	.5
119	MPB3	Z	-1.545	.5
120	MPB3	Mx	0	.5
121	MPC3	X	3.518	.5
122	MPC3	Z	-2.031	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	7.179	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	-.004	.25
4	MP1A	X	7.179	3.75
5	MP1A	Z	0	3.75
6	MP1A	Mx	-.004	3.75
7	MP1B	X	7.899	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	.002	.25
10	MP1B	X	7.899	3.75
11	MP1B	Z	0	3.75
12	MP1B	Mx	.002	3.75
13	MP1C	X	7.742	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	.002	.25
16	MP1C	X	7.742	3.75
17	MP1C	Z	0	3.75
18	MP1C	Mx	.002	3.75
19	MP4A	X	7.179	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	-.004	.25
22	MP4A	X	7.179	3.75
23	MP4A	Z	0	3.75
24	MP4A	Mx	-.004	3.75
25	MP4B	X	7.899	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	.002	.25
28	MP4B	X	7.899	3.75
29	MP4B	Z	0	3.75
30	MP4B	Mx	.002	3.75
31	MP4C	X	7.742	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	.002	.25
34	MP4C	X	7.742	3.75
35	MP4C	Z	0	3.75
36	MP4C	Mx	.002	3.75
37	MP3A	X	7.918	.46
38	MP3A	Z	0	.46
39	MP3A	Mx	-.004	.46
40	MP3A	X	7.918	4.29
41	MP3A	Z	0	4.29

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mx	-.004	4.29
43	MP3B	X	11.021	.46
44	MP3B	Z	0	.46
45	MP3B	Mx	-.003	.46
46	MP3B	X	11.021	4.29
47	MP3B	Z	0	4.29
48	MP3B	Mx	-.003	4.29
49	MP3C	X	10.346	.46
50	MP3C	Z	0	.46
51	MP3C	Mx	.008	.46
52	MP3C	X	10.346	4.29
53	MP3C	Z	0	4.29
54	MP3C	Mx	.008	4.29
55	MP3A	X	7.918	.46
56	MP3A	Z	0	.46
57	MP3A	Mx	-.004	.46
58	MP3A	X	7.918	4.29
59	MP3A	Z	0	4.29
60	MP3A	Mx	-.004	4.29
61	MP3B	X	11.021	.46
62	MP3B	Z	0	.46
63	MP3B	Mx	.009	.46
64	MP3B	X	11.021	4.29
65	MP3B	Z	0	4.29
66	MP3B	Mx	.009	4.29
67	MP3C	X	10.346	.46
68	MP3C	Z	0	.46
69	MP3C	Mx	-.002	.46
70	MP3C	X	10.346	4.29
71	MP3C	Z	0	4.29
72	MP3C	Mx	-.002	4.29
73	MP2A	X	1.787	1
74	MP2A	Z	0	1
75	MP2A	Mx	-.000894	1
76	MP2A	X	1.787	3
77	MP2A	Z	0	3
78	MP2A	Mx	-.000894	3
79	MP2B	X	4.337	1
80	MP2B	Z	0	1
81	MP2B	Mx	.001	1
82	MP2B	X	4.337	3
83	MP2B	Z	0	3
84	MP2B	Mx	.001	3
85	MP2C	X	3.782	1
86	MP2C	Z	0	1
87	MP2C	Mx	.001	1
88	MP2C	X	3.782	3
89	MP2C	Z	0	3
90	MP2C	Mx	.001	3
91	MPA3	X	2.753	.5
92	MPA3	Z	0	.5
93	MPA3	Mx	0	.5
94	MP4A	X	2.25	1.5
95	MP4A	Z	0	1.5
96	MP4A	Mx	.00075	1.5
97	MP4B	X	3.639	1.5
98	MP4B	Z	0	1.5
99	MP4B	Mx	-.000606	1.5
100	MP4C	X	3.639	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP4C	Z	0	1.5
102	MP4C	Mx	-.000606	1.5
103	MP3A	X	.678	2
104	MP3A	Z	0	2
105	MP3A	Mx	.000113	2
106	MP3B	X	.904	2
107	MP3B	Z	0	2
108	MP3B	Mx	-7.5e-5	2
109	MP3C	X	.904	2
110	MP3C	Z	0	2
111	MP3C	Mx	-7.5e-5	2
112	MP3B	X	2.098	.25
113	MP3B	Z	0	.25
114	MP3B	Mx	-.000524	.25
115	MP3B	X	2.098	.25
116	MP3B	Z	0	.25
117	MP3B	Mx	-.000524	.25
118	MPB3	X	3.765	.5
119	MPB3	Z	0	.5
120	MPB3	Mx	0	.5
121	MPC3	X	3.545	.5
122	MPC3	Z	0	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	6.425	.25
2	MP1A	Z	3.709	.25
3	MP1A	Mx	-.003	.25
4	MP1A	X	6.425	3.75
5	MP1A	Z	3.709	3.75
6	MP1A	Mx	-.003	3.75
7	MP1B	X	7.048	.25
8	MP1B	Z	4.069	.25
9	MP1B	Mx	0	.25
10	MP1B	X	7.048	3.75
11	MP1B	Z	4.069	3.75
12	MP1B	Mx	0	3.75
13	MP1C	X	6.314	.25
14	MP1C	Z	3.646	.25
15	MP1C	Mx	.003	.25
16	MP1C	X	6.314	3.75
17	MP1C	Z	3.646	3.75
18	MP1C	Mx	.003	3.75
19	MP4A	X	6.425	.25
20	MP4A	Z	3.709	.25
21	MP4A	Mx	-.003	.25
22	MP4A	X	6.425	3.75
23	MP4A	Z	3.709	3.75
24	MP4A	Mx	-.003	3.75
25	MP4B	X	7.048	.25
26	MP4B	Z	4.069	.25
27	MP4B	Mx	0	.25
28	MP4B	X	7.048	3.75
29	MP4B	Z	4.069	3.75
30	MP4B	Mx	0	3.75
31	MP4C	X	6.314	.25
32	MP4C	Z	3.646	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP4C	Mx	.003	.25
34	MP4C	X	6.314	3.75
35	MP4C	Z	3.646	3.75
36	MP4C	Mx	.003	3.75
37	MP3A	X	7.753	.46
38	MP3A	Z	4.476	.46
39	MP3A	Mx	-.001	.46
40	MP3A	X	7.753	4.29
41	MP3A	Z	4.476	4.29
42	MP3A	Mx	-.001	4.29
43	MP3B	X	10.441	.46
44	MP3B	Z	6.028	.46
45	MP3B	Mx	-.008	.46
46	MP3B	X	10.441	4.29
47	MP3B	Z	6.028	4.29
48	MP3B	Mx	-.008	4.29
49	MP3C	X	7.277	.46
50	MP3C	Z	4.201	.46
51	MP3C	Mx	.006	.46
52	MP3C	X	7.277	4.29
53	MP3C	Z	4.201	4.29
54	MP3C	Mx	.006	4.29
55	MP3A	X	7.753	.46
56	MP3A	Z	4.476	.46
57	MP3A	Mx	-.007	.46
58	MP3A	X	7.753	4.29
59	MP3A	Z	4.476	4.29
60	MP3A	Mx	-.007	4.29
61	MP3B	X	10.441	.46
62	MP3B	Z	6.028	.46
63	MP3B	Mx	.008	.46
64	MP3B	X	10.441	4.29
65	MP3B	Z	6.028	4.29
66	MP3B	Mx	.008	4.29
67	MP3C	X	7.277	.46
68	MP3C	Z	4.201	.46
69	MP3C	Mx	.002	.46
70	MP3C	X	7.277	4.29
71	MP3C	Z	4.201	4.29
72	MP3C	Mx	.002	4.29
73	MP2A	X	2.284	1
74	MP2A	Z	1.318	1
75	MP2A	Mx	-.001	1
76	MP2A	X	2.284	3
77	MP2A	Z	1.318	3
78	MP2A	Mx	-.001	3
79	MP2B	X	4.493	1
80	MP2B	Z	2.594	1
81	MP2B	Mx	0	1
82	MP2B	X	4.493	3
83	MP2B	Z	2.594	3
84	MP2B	Mx	0	3
85	MP2C	X	1.892	1
86	MP2C	Z	1.092	1
87	MP2C	Mx	.001	1
88	MP2C	X	1.892	3
89	MP2C	Z	1.092	3
90	MP2C	Mx	.001	3
91	MPA3	X	2.676	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MPA3	Z	1.545	.5
93	MPA3	Mx	0	.5
94	MP4A	X	2.349	1.5
95	MP4A	Z	1.356	1.5
96	MP4A	Mx	.000783	1.5
97	MP4B	X	3.553	1.5
98	MP4B	Z	2.051	1.5
99	MP4B	Mx	0	1.5
100	MP4C	X	2.349	1.5
101	MP4C	Z	1.356	1.5
102	MP4C	Mx	-.000783	1.5
103	MP3A	X	.652	2
104	MP3A	Z	.376	2
105	MP3A	Mx	.000109	2
106	MP3B	X	.848	2
107	MP3B	Z	.49	2
108	MP3B	Mx	0	2
109	MP3C	X	.652	2
110	MP3C	Z	.376	2
111	MP3C	Mx	-.000109	2
112	MP3B	X	2.2	.25
113	MP3B	Z	1.27	.25
114	MP3B	Mx	0	.25
115	MP3B	X	2.2	.25
116	MP3B	Z	1.27	.25
117	MP3B	Mx	0	.25
118	MPB3	X	3.553	.5
119	MPB3	Z	2.051	.5
120	MPB3	Mx	0	.5
121	MPC3	X	2.521	.5
122	MPC3	Z	1.455	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	3.949	.25
2	MP1A	Z	6.841	.25
3	MP1A	Mx	-.002	.25
4	MP1A	X	3.949	3.75
5	MP1A	Z	6.841	3.75
6	MP1A	Mx	-.002	3.75
7	MP1B	X	3.949	.25
8	MP1B	Z	6.841	.25
9	MP1B	Mx	-.002	.25
10	MP1B	X	3.949	3.75
11	MP1B	Z	6.841	3.75
12	MP1B	Mx	-.002	3.75
13	MP1C	X	3.604	.25
14	MP1C	Z	6.242	.25
15	MP1C	Mx	.004	.25
16	MP1C	X	3.604	3.75
17	MP1C	Z	6.242	3.75
18	MP1C	Mx	.004	3.75
19	MP4A	X	3.949	.25
20	MP4A	Z	6.841	.25
21	MP4A	Mx	-.002	.25
22	MP4A	X	3.949	3.75
23	MP4A	Z	6.841	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP4A	Mx	-.002	3.75
25	MP4B	X	3.949	.25
26	MP4B	Z	6.841	.25
27	MP4B	Mx	-.002	.25
28	MP4B	X	3.949	3.75
29	MP4B	Z	6.841	3.75
30	MP4B	Mx	-.002	3.75
31	MP4C	X	3.604	.25
32	MP4C	Z	6.242	.25
33	MP4C	Mx	.004	.25
34	MP4C	X	3.604	3.75
35	MP4C	Z	6.242	3.75
36	MP4C	Mx	.004	3.75
37	MP3A	X	5.511	.46
38	MP3A	Z	9.545	.46
39	MP3A	Mx	.003	.46
40	MP3A	X	5.511	4.29
41	MP3A	Z	9.545	4.29
42	MP3A	Mx	.003	4.29
43	MP3B	X	5.511	.46
44	MP3B	Z	9.545	.46
45	MP3B	Mx	-.009	.46
46	MP3B	X	5.511	4.29
47	MP3B	Z	9.545	4.29
48	MP3B	Mx	-.009	4.29
49	MP3C	X	4.021	.46
50	MP3C	Z	6.965	.46
51	MP3C	Mx	.003	.46
52	MP3C	X	4.021	4.29
53	MP3C	Z	6.965	4.29
54	MP3C	Mx	.003	4.29
55	MP3A	X	5.511	.46
56	MP3A	Z	9.545	.46
57	MP3A	Mx	-.009	.46
58	MP3A	X	5.511	4.29
59	MP3A	Z	9.545	4.29
60	MP3A	Mx	-.009	4.29
61	MP3B	X	5.511	.46
62	MP3B	Z	9.545	.46
63	MP3B	Mx	.003	.46
64	MP3B	X	5.511	4.29
65	MP3B	Z	9.545	4.29
66	MP3B	Mx	.003	4.29
67	MP3C	X	4.021	.46
68	MP3C	Z	6.965	.46
69	MP3C	Mx	.005	.46
70	MP3C	X	4.021	4.29
71	MP3C	Z	6.965	4.29
72	MP3C	Mx	.005	4.29
73	MP2A	X	2.169	1
74	MP2A	Z	3.756	1
75	MP2A	Mx	-.001	1
76	MP2A	X	2.169	3
77	MP2A	Z	3.756	3
78	MP2A	Mx	-.001	3
79	MP2B	X	2.169	1
80	MP2B	Z	3.756	1
81	MP2B	Mx	-.001	1
82	MP2B	X	2.169	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP2B	Z	3.756	3
84	MP2B	Mx	-.001	3
85	MP2C	X	.945	1
86	MP2C	Z	1.636	1
87	MP2C	Mx	.00093	1
88	MP2C	X	.945	3
89	MP2C	Z	1.636	3
90	MP2C	Mx	.00093	3
91	MPA3	X	1.882	.5
92	MPA3	Z	3.261	.5
93	MPA3	Mx	0	.5
94	MP4A	X	1.82	1.5
95	MP4A	Z	3.152	1.5
96	MP4A	Mx	.000607	1.5
97	MP4B	X	1.82	1.5
98	MP4B	Z	3.152	1.5
99	MP4B	Mx	.000607	1.5
100	MP4C	X	1.125	1.5
101	MP4C	Z	1.948	1.5
102	MP4C	Mx	-.00075	1.5
103	MP3A	X	.452	2
104	MP3A	Z	.783	2
105	MP3A	Mx	7.5e-5	2
106	MP3B	X	.452	2
107	MP3B	Z	.783	2
108	MP3B	Mx	7.5e-5	2
109	MP3C	X	.339	2
110	MP3C	Z	.587	2
111	MP3C	Mx	-.000113	2
112	MP3B	X	1.049	.25
113	MP3B	Z	1.817	.25
114	MP3B	Mx	.000525	.25
115	MP3B	X	1.049	.25
116	MP3B	Z	1.817	.25
117	MP3B	Mx	.000525	.25
118	MPB3	X	1.882	.5
119	MPB3	Z	3.261	.5
120	MPB3	Mx	0	.5
121	MPC3	X	1.397	.5
122	MPC3	Z	2.419	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	8.139	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	3.75
5	MP1A	Z	8.139	3.75
6	MP1A	Mx	0	3.75
7	MP1B	X	0	.25
8	MP1B	Z	7.419	.25
9	MP1B	Mx	-.003	.25
10	MP1B	X	0	3.75
11	MP1B	Z	7.419	3.75
12	MP1B	Mx	-.003	3.75
13	MP1C	X	0	.25
14	MP1C	Z	7.575	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP1C	Mx	.003	.25
16	MP1C	X	0	3.75
17	MP1C	Z	7.575	3.75
18	MP1C	Mx	.003	3.75
19	MP4A	X	0	.25
20	MP4A	Z	8.139	.25
21	MP4A	Mx	0	.25
22	MP4A	X	0	3.75
23	MP4A	Z	8.139	3.75
24	MP4A	Mx	0	3.75
25	MP4B	X	0	.25
26	MP4B	Z	7.419	.25
27	MP4B	Mx	-.003	.25
28	MP4B	X	0	3.75
29	MP4B	Z	7.419	3.75
30	MP4B	Mx	-.003	3.75
31	MP4C	X	0	.25
32	MP4C	Z	7.575	.25
33	MP4C	Mx	.003	.25
34	MP4C	X	0	3.75
35	MP4C	Z	7.575	3.75
36	MP4C	Mx	.003	3.75
37	MP3A	X	0	.46
38	MP3A	Z	12.056	.46
39	MP3A	Mx	.008	.46
40	MP3A	X	0	4.29
41	MP3A	Z	12.056	4.29
42	MP3A	Mx	.008	4.29
43	MP3B	X	0	.46
44	MP3B	Z	8.953	.46
45	MP3B	Mx	-.007	.46
46	MP3B	X	0	4.29
47	MP3B	Z	8.953	4.29
48	MP3B	Mx	-.007	4.29
49	MP3C	X	0	.46
50	MP3C	Z	9.628	.46
51	MP3C	Mx	-.00018	.46
52	MP3C	X	0	4.29
53	MP3C	Z	9.628	4.29
54	MP3C	Mx	-.00018	4.29
55	MP3A	X	0	.46
56	MP3A	Z	12.056	.46
57	MP3A	Mx	-.008	.46
58	MP3A	X	0	4.29
59	MP3A	Z	12.056	4.29
60	MP3A	Mx	-.008	4.29
61	MP3B	X	0	.46
62	MP3B	Z	8.953	.46
63	MP3B	Mx	-.001	.46
64	MP3B	X	0	4.29
65	MP3B	Z	8.953	4.29
66	MP3B	Mx	-.001	4.29
67	MP3C	X	0	.46
68	MP3C	Z	9.628	.46
69	MP3C	Mx	.008	.46
70	MP3C	X	0	4.29
71	MP3C	Z	9.628	4.29
72	MP3C	Mx	.008	4.29
73	MP2A	X	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP2A	Z	5.188	1
75	MP2A	Mx	0	1
76	MP2A	X	0	3
77	MP2A	Z	5.188	3
78	MP2A	Mx	0	3
79	MP2B	X	0	1
80	MP2B	Z	2.637	1
81	MP2B	Mx	-.001	1
82	MP2B	X	0	3
83	MP2B	Z	2.637	3
84	MP2B	Mx	-.001	3
85	MP2C	X	0	1
86	MP2C	Z	3.192	1
87	MP2C	Mx	.001	1
88	MP2C	X	0	3
89	MP2C	Z	3.192	3
90	MP2C	Mx	.001	3
91	MPA3	X	0	.5
92	MPA3	Z	4.102	.5
93	MPA3	Mx	0	.5
94	MP4A	X	0	1.5
95	MP4A	Z	4.102	1.5
96	MP4A	Mx	0	1.5
97	MP4B	X	0	1.5
98	MP4B	Z	2.713	1.5
99	MP4B	Mx	.000783	1.5
100	MP4C	X	0	1.5
101	MP4C	Z	2.713	1.5
102	MP4C	Mx	-.000783	1.5
103	MP3A	X	0	2
104	MP3A	Z	.979	2
105	MP3A	Mx	0	2
106	MP3B	X	0	2
107	MP3B	Z	.753	2
108	MP3B	Mx	.000109	2
109	MP3C	X	0	2
110	MP3C	Z	.753	2
111	MP3C	Mx	-.000109	2
112	MP3B	X	0	.25
113	MP3B	Z	1.213	.25
114	MP3B	Mx	.000525	.25
115	MP3B	X	0	.25
116	MP3B	Z	1.213	.25
117	MP3B	Mx	.000525	.25
118	MPB3	X	0	.5
119	MPB3	Z	3.09	.5
120	MPB3	Mx	0	.5
121	MPC3	X	0	.5
122	MPC3	Z	3.31	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-3.949	.25
2	MP1A	Z	6.841	.25
3	MP1A	Mx	.002	.25
4	MP1A	X	-3.949	3.75
5	MP1A	Z	6.841	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP1A	Mx	.002	3.75
7	MP1B	X	-3.589	.25
8	MP1B	Z	6.217	.25
9	MP1B	Mx	-.004	.25
10	MP1B	X	-3.589	3.75
11	MP1B	Z	6.217	3.75
12	MP1B	Mx	-.004	3.75
13	MP1C	X	-4.013	.25
14	MP1C	Z	6.951	.25
15	MP1C	Mx	.001	.25
16	MP1C	X	-4.013	3.75
17	MP1C	Z	6.951	3.75
18	MP1C	Mx	.001	3.75
19	MP4A	X	-3.949	.25
20	MP4A	Z	6.841	.25
21	MP4A	Mx	.002	.25
22	MP4A	X	-3.949	3.75
23	MP4A	Z	6.841	3.75
24	MP4A	Mx	.002	3.75
25	MP4B	X	-3.589	.25
26	MP4B	Z	6.217	.25
27	MP4B	Mx	-.004	.25
28	MP4B	X	-3.589	3.75
29	MP4B	Z	6.217	3.75
30	MP4B	Mx	-.004	3.75
31	MP4C	X	-4.013	.25
32	MP4C	Z	6.951	.25
33	MP4C	Mx	.001	.25
34	MP4C	X	-4.013	3.75
35	MP4C	Z	6.951	3.75
36	MP4C	Mx	.001	3.75
37	MP3A	X	-5.511	.46
38	MP3A	Z	9.545	.46
39	MP3A	Mx	.009	.46
40	MP3A	X	-5.511	4.29
41	MP3A	Z	9.545	4.29
42	MP3A	Mx	.009	4.29
43	MP3B	X	-3.959	.46
44	MP3B	Z	6.857	.46
45	MP3B	Mx	-.004	.46
46	MP3B	X	-3.959	4.29
47	MP3B	Z	6.857	4.29
48	MP3B	Mx	-.004	4.29
49	MP3C	X	-5.786	.46
50	MP3C	Z	10.022	.46
51	MP3C	Mx	-.005	.46
52	MP3C	X	-5.786	4.29
53	MP3C	Z	10.022	4.29
54	MP3C	Mx	-.005	4.29
55	MP3A	X	-5.511	.46
56	MP3A	Z	9.545	.46
57	MP3A	Mx	-.003	.46
58	MP3A	X	-5.511	4.29
59	MP3A	Z	9.545	4.29
60	MP3A	Mx	-.003	4.29
61	MP3B	X	-3.959	.46
62	MP3B	Z	6.857	.46
63	MP3B	Mx	-.004	.46
64	MP3B	X	-3.959	4.29

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP3B	Z	6.857	4.29
66	MP3B	Mx	-.004	4.29
67	MP3C	X	-5.786	.46
68	MP3C	Z	10.022	.46
69	MP3C	Mx	.009	.46
70	MP3C	X	-5.786	4.29
71	MP3C	Z	10.022	4.29
72	MP3C	Mx	.009	4.29
73	MP2A	X	-2.169	1
74	MP2A	Z	3.756	1
75	MP2A	Mx	.001	1
76	MP2A	X	-2.169	3
77	MP2A	Z	3.756	3
78	MP2A	Mx	.001	3
79	MP2B	X	-.893	1
80	MP2B	Z	1.547	1
81	MP2B	Mx	-.000893	1
82	MP2B	X	-.893	3
83	MP2B	Z	1.547	3
84	MP2B	Mx	-.000893	3
85	MP2C	X	-2.395	1
86	MP2C	Z	4.148	1
87	MP2C	Mx	.000819	1
88	MP2C	X	-2.395	3
89	MP2C	Z	4.148	3
90	MP2C	Mx	.000819	3
91	MPA3	X	-1.882	.5
92	MPA3	Z	3.261	.5
93	MPA3	Mx	0	.5
94	MP4A	X	-1.82	1.5
95	MP4A	Z	3.152	1.5
96	MP4A	Mx	-.000607	1.5
97	MP4B	X	-1.125	1.5
98	MP4B	Z	1.948	1.5
99	MP4B	Mx	.00075	1.5
100	MP4C	X	-1.82	1.5
101	MP4C	Z	3.152	1.5
102	MP4C	Mx	-.000607	1.5
103	MP3A	X	-.452	2
104	MP3A	Z	.783	2
105	MP3A	Mx	-7.5e-5	2
106	MP3B	X	-.339	2
107	MP3B	Z	.587	2
108	MP3B	Mx	.000113	2
109	MP3C	X	-.452	2
110	MP3C	Z	.783	2
111	MP3C	Mx	-7.5e-5	2
112	MP3B	X	-.385	.25
113	MP3B	Z	.667	.25
114	MP3B	Mx	.000385	.25
115	MP3B	X	-.385	.25
116	MP3B	Z	.667	.25
117	MP3B	Mx	.000385	.25
118	MPB3	X	-1.376	.5
119	MPB3	Z	2.384	.5
120	MPB3	Mx	0	.5
121	MPC3	X	-1.972	.5
122	MPC3	Z	3.416	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-6.425	.25
2	MP1A	Z	3.709	.25
3	MP1A	Mx	.003	.25
4	MP1A	X	-6.425	3.75
5	MP1A	Z	3.709	3.75
6	MP1A	Mx	.003	3.75
7	MP1B	X	-6.425	.25
8	MP1B	Z	3.709	.25
9	MP1B	Mx	-.003	.25
10	MP1B	X	-6.425	3.75
11	MP1B	Z	3.709	3.75
12	MP1B	Mx	-.003	3.75
13	MP1C	X	-7.023	.25
14	MP1C	Z	4.055	.25
15	MP1C	Mx	-.000704	.25
16	MP1C	X	-7.023	3.75
17	MP1C	Z	4.055	3.75
18	MP1C	Mx	-.000704	3.75
19	MP4A	X	-6.425	.25
20	MP4A	Z	3.709	.25
21	MP4A	Mx	.003	.25
22	MP4A	X	-6.425	3.75
23	MP4A	Z	3.709	3.75
24	MP4A	Mx	.003	3.75
25	MP4B	X	-6.425	.25
26	MP4B	Z	3.709	.25
27	MP4B	Mx	-.003	.25
28	MP4B	X	-6.425	3.75
29	MP4B	Z	3.709	3.75
30	MP4B	Mx	-.003	3.75
31	MP4C	X	-7.023	.25
32	MP4C	Z	4.055	.25
33	MP4C	Mx	-.000704	.25
34	MP4C	X	-7.023	3.75
35	MP4C	Z	4.055	3.75
36	MP4C	Mx	-.000704	3.75
37	MP3A	X	-7.753	.46
38	MP3A	Z	4.476	.46
39	MP3A	Mx	.007	.46
40	MP3A	X	-7.753	4.29
41	MP3A	Z	4.476	4.29
42	MP3A	Mx	.007	4.29
43	MP3B	X	-7.753	.46
44	MP3B	Z	4.476	.46
45	MP3B	Mx	-.001	.46
46	MP3B	X	-7.753	4.29
47	MP3B	Z	4.476	4.29
48	MP3B	Mx	-.001	4.29
49	MP3C	X	-10.333	.46
50	MP3C	Z	5.966	.46
51	MP3C	Mx	-.008	.46
52	MP3C	X	-10.333	4.29
53	MP3C	Z	5.966	4.29
54	MP3C	Mx	-.008	4.29
55	MP3A	X	-7.753	.46
56	MP3A	Z	4.476	.46
57	MP3A	Mx	.001	.46
58	MP3A	X	-7.753	4.29
59	MP3A	Z	4.476	4.29

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3A	Mx	.001	4.29
61	MP3B	X	-7.753	.46
62	MP3B	Z	4.476	.46
63	MP3B	Mx	-.007	.46
64	MP3B	X	-7.753	4.29
65	MP3B	Z	4.476	4.29
66	MP3B	Mx	-.007	4.29
67	MP3C	X	-10.333	.46
68	MP3C	Z	5.966	.46
69	MP3C	Mx	.006	.46
70	MP3C	X	-10.333	4.29
71	MP3C	Z	5.966	4.29
72	MP3C	Mx	.006	4.29
73	MP2A	X	-2.284	1
74	MP2A	Z	1.318	1
75	MP2A	Mx	.001	1
76	MP2A	X	-2.284	3
77	MP2A	Z	1.318	3
78	MP2A	Mx	.001	3
79	MP2B	X	-2.284	1
80	MP2B	Z	1.318	1
81	MP2B	Mx	-.001	1
82	MP2B	X	-2.284	3
83	MP2B	Z	1.318	3
84	MP2B	Mx	-.001	3
85	MP2C	X	-4.404	1
86	MP2C	Z	2.543	1
87	MP2C	Mx	-.000441	1
88	MP2C	X	-4.404	3
89	MP2C	Z	2.543	3
90	MP2C	Mx	-.000441	3
91	MPA3	X	-2.676	.5
92	MPA3	Z	1.545	.5
93	MPA3	Mx	0	.5
94	MP4A	X	-2.349	1.5
95	MP4A	Z	1.356	1.5
96	MP4A	Mx	-.000783	1.5
97	MP4B	X	-2.349	1.5
98	MP4B	Z	1.356	1.5
99	MP4B	Mx	.000783	1.5
100	MP4C	X	-3.553	1.5
101	MP4C	Z	2.051	1.5
102	MP4C	Mx	0	1.5
103	MP3A	X	-.652	2
104	MP3A	Z	.376	2
105	MP3A	Mx	-.000109	2
106	MP3B	X	-.652	2
107	MP3B	Z	.376	2
108	MP3B	Mx	.000109	2
109	MP3C	X	-.848	2
110	MP3C	Z	.49	2
111	MP3C	Mx	0	2
112	MP3B	X	-1.051	.25
113	MP3B	Z	.607	.25
114	MP3B	Mx	.000526	.25
115	MP3B	X	-1.051	.25
116	MP3B	Z	.607	.25
117	MP3B	Mx	.000526	.25
118	MPB3	X	-2.676	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
119	MPB3	Z	1.545	.5
120	MPB3	Mx	0	.5
121	MPC3	X	-3.518	.5
122	MPC3	Z	2.031	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-7.179	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	.004	.25
4	MP1A	X	-7.179	3.75
5	MP1A	Z	0	3.75
6	MP1A	Mx	.004	3.75
7	MP1B	X	-7.899	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	-.002	.25
10	MP1B	X	-7.899	3.75
11	MP1B	Z	0	3.75
12	MP1B	Mx	-.002	3.75
13	MP1C	X	-7.742	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	-.002	.25
16	MP1C	X	-7.742	3.75
17	MP1C	Z	0	3.75
18	MP1C	Mx	-.002	3.75
19	MP4A	X	-7.179	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	.004	.25
22	MP4A	X	-7.179	3.75
23	MP4A	Z	0	3.75
24	MP4A	Mx	.004	3.75
25	MP4B	X	-7.899	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	-.002	.25
28	MP4B	X	-7.899	3.75
29	MP4B	Z	0	3.75
30	MP4B	Mx	-.002	3.75
31	MP4C	X	-7.742	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	-.002	.25
34	MP4C	X	-7.742	3.75
35	MP4C	Z	0	3.75
36	MP4C	Mx	-.002	3.75
37	MP3A	X	-7.918	.46
38	MP3A	Z	0	.46
39	MP3A	Mx	.004	.46
40	MP3A	X	-7.918	4.29
41	MP3A	Z	0	4.29
42	MP3A	Mx	.004	4.29
43	MP3B	X	-11.021	.46
44	MP3B	Z	0	.46
45	MP3B	Mx	.003	.46
46	MP3B	X	-11.021	4.29
47	MP3B	Z	0	4.29
48	MP3B	Mx	.003	4.29
49	MP3C	X	-10.346	.46
50	MP3C	Z	0	.46

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3C	Mx	-.008	.46
52	MP3C	X	-10.346	4.29
53	MP3C	Z	0	4.29
54	MP3C	Mx	-.008	4.29
55	MP3A	X	-7.918	.46
56	MP3A	Z	0	.46
57	MP3A	Mx	.004	.46
58	MP3A	X	-7.918	4.29
59	MP3A	Z	0	4.29
60	MP3A	Mx	.004	4.29
61	MP3B	X	-11.021	.46
62	MP3B	Z	0	.46
63	MP3B	Mx	-.009	.46
64	MP3B	X	-11.021	4.29
65	MP3B	Z	0	4.29
66	MP3B	Mx	-.009	4.29
67	MP3C	X	-10.346	.46
68	MP3C	Z	0	.46
69	MP3C	Mx	.002	.46
70	MP3C	X	-10.346	4.29
71	MP3C	Z	0	4.29
72	MP3C	Mx	.002	4.29
73	MP2A	X	-1.787	1
74	MP2A	Z	0	1
75	MP2A	Mx	.000894	1
76	MP2A	X	-1.787	3
77	MP2A	Z	0	3
78	MP2A	Mx	.000894	3
79	MP2B	X	-4.337	1
80	MP2B	Z	0	1
81	MP2B	Mx	-.001	1
82	MP2B	X	-4.337	3
83	MP2B	Z	0	3
84	MP2B	Mx	-.001	3
85	MP2C	X	-3.782	1
86	MP2C	Z	0	1
87	MP2C	Mx	-.001	1
88	MP2C	X	-3.782	3
89	MP2C	Z	0	3
90	MP2C	Mx	-.001	3
91	MPA3	X	-2.753	.5
92	MPA3	Z	0	.5
93	MPA3	Mx	0	.5
94	MP4A	X	-2.25	1.5
95	MP4A	Z	0	1.5
96	MP4A	Mx	-.00075	1.5
97	MP4B	X	-3.639	1.5
98	MP4B	Z	0	1.5
99	MP4B	Mx	.000606	1.5
100	MP4C	X	-3.639	1.5
101	MP4C	Z	0	1.5
102	MP4C	Mx	.000606	1.5
103	MP3A	X	-.678	2
104	MP3A	Z	0	2
105	MP3A	Mx	-.000113	2
106	MP3B	X	-.904	2
107	MP3B	Z	0	2
108	MP3B	Mx	7.5e-5	2
109	MP3C	X	-.904	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP3C	Z	0	2
111	MP3C	Mx	7.5e-5	2
112	MP3B	X	-2.098	.25
113	MP3B	Z	0	.25
114	MP3B	Mx	.000524	.25
115	MP3B	X	-2.098	.25
116	MP3B	Z	0	.25
117	MP3B	Mx	.000524	.25
118	MPB3	X	-3.765	.5
119	MPB3	Z	0	.5
120	MPB3	Mx	0	.5
121	MPC3	X	-3.545	.5
122	MPC3	Z	0	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-6.425	.25
2	MP1A	Z	-3.709	.25
3	MP1A	Mx	.003	.25
4	MP1A	X	-6.425	3.75
5	MP1A	Z	-3.709	3.75
6	MP1A	Mx	.003	3.75
7	MP1B	X	-7.048	.25
8	MP1B	Z	-4.069	.25
9	MP1B	Mx	0	.25
10	MP1B	X	-7.048	3.75
11	MP1B	Z	-4.069	3.75
12	MP1B	Mx	0	3.75
13	MP1C	X	-6.314	.25
14	MP1C	Z	-3.646	.25
15	MP1C	Mx	-.003	.25
16	MP1C	X	-6.314	3.75
17	MP1C	Z	-3.646	3.75
18	MP1C	Mx	-.003	3.75
19	MP4A	X	-6.425	.25
20	MP4A	Z	-3.709	.25
21	MP4A	Mx	.003	.25
22	MP4A	X	-6.425	3.75
23	MP4A	Z	-3.709	3.75
24	MP4A	Mx	.003	3.75
25	MP4B	X	-7.048	.25
26	MP4B	Z	-4.069	.25
27	MP4B	Mx	0	.25
28	MP4B	X	-7.048	3.75
29	MP4B	Z	-4.069	3.75
30	MP4B	Mx	0	3.75
31	MP4C	X	-6.314	.25
32	MP4C	Z	-3.646	.25
33	MP4C	Mx	-.003	.25
34	MP4C	X	-6.314	3.75
35	MP4C	Z	-3.646	3.75
36	MP4C	Mx	-.003	3.75
37	MP3A	X	-7.753	.46
38	MP3A	Z	-4.476	.46
39	MP3A	Mx	.001	.46
40	MP3A	X	-7.753	4.29
41	MP3A	Z	-4.476	4.29

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mx	.001	4.29
43	MP3B	X	-10.441	.46
44	MP3B	Z	-6.028	.46
45	MP3B	Mx	.008	.46
46	MP3B	X	-10.441	4.29
47	MP3B	Z	-6.028	4.29
48	MP3B	Mx	.008	4.29
49	MP3C	X	-7.277	.46
50	MP3C	Z	-4.201	.46
51	MP3C	Mx	-.006	.46
52	MP3C	X	-7.277	4.29
53	MP3C	Z	-4.201	4.29
54	MP3C	Mx	-.006	4.29
55	MP3A	X	-7.753	.46
56	MP3A	Z	-4.476	.46
57	MP3A	Mx	.007	.46
58	MP3A	X	-7.753	4.29
59	MP3A	Z	-4.476	4.29
60	MP3A	Mx	.007	4.29
61	MP3B	X	-10.441	.46
62	MP3B	Z	-6.028	.46
63	MP3B	Mx	-.008	.46
64	MP3B	X	-10.441	4.29
65	MP3B	Z	-6.028	4.29
66	MP3B	Mx	-.008	4.29
67	MP3C	X	-7.277	.46
68	MP3C	Z	-4.201	.46
69	MP3C	Mx	-.002	.46
70	MP3C	X	-7.277	4.29
71	MP3C	Z	-4.201	4.29
72	MP3C	Mx	-.002	4.29
73	MP2A	X	-2.284	1
74	MP2A	Z	-1.318	1
75	MP2A	Mx	.001	1
76	MP2A	X	-2.284	3
77	MP2A	Z	-1.318	3
78	MP2A	Mx	.001	3
79	MP2B	X	-4.493	1
80	MP2B	Z	-2.594	1
81	MP2B	Mx	0	1
82	MP2B	X	-4.493	3
83	MP2B	Z	-2.594	3
84	MP2B	Mx	0	3
85	MP2C	X	-1.892	1
86	MP2C	Z	-1.092	1
87	MP2C	Mx	-.001	1
88	MP2C	X	-1.892	3
89	MP2C	Z	-1.092	3
90	MP2C	Mx	-.001	3
91	MPA3	X	-2.676	.5
92	MPA3	Z	-1.545	.5
93	MPA3	Mx	0	.5
94	MP4A	X	-2.349	1.5
95	MP4A	Z	-1.356	1.5
96	MP4A	Mx	-.000783	1.5
97	MP4B	X	-3.553	1.5
98	MP4B	Z	-2.051	1.5
99	MP4B	Mx	0	1.5
100	MP4C	X	-2.349	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP4C	Z	-1.356	1.5
102	MP4C	Mx	.000783	1.5
103	MP3A	X	-.652	2
104	MP3A	Z	-.376	2
105	MP3A	Mx	-.000109	2
106	MP3B	X	-.848	2
107	MP3B	Z	-.49	2
108	MP3B	Mx	0	2
109	MP3C	X	-.652	2
110	MP3C	Z	-.376	2
111	MP3C	Mx	.000109	2
112	MP3B	X	-2.2	.25
113	MP3B	Z	-1.27	.25
114	MP3B	Mx	0	.25
115	MP3B	X	-2.2	.25
116	MP3B	Z	-1.27	.25
117	MP3B	Mx	0	.25
118	MPB3	X	-3.553	.5
119	MPB3	Z	-2.051	.5
120	MPB3	Mx	0	.5
121	MPC3	X	-2.521	.5
122	MPC3	Z	-1.455	.5
123	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-3.949	.25
2	MP1A	Z	-6.841	.25
3	MP1A	Mx	.002	.25
4	MP1A	X	-3.949	3.75
5	MP1A	Z	-6.841	3.75
6	MP1A	Mx	.002	3.75
7	MP1B	X	-3.949	.25
8	MP1B	Z	-6.841	.25
9	MP1B	Mx	.002	.25
10	MP1B	X	-3.949	3.75
11	MP1B	Z	-6.841	3.75
12	MP1B	Mx	.002	3.75
13	MP1C	X	-3.604	.25
14	MP1C	Z	-6.242	.25
15	MP1C	Mx	-.004	.25
16	MP1C	X	-3.604	3.75
17	MP1C	Z	-6.242	3.75
18	MP1C	Mx	-.004	3.75
19	MP4A	X	-3.949	.25
20	MP4A	Z	-6.841	.25
21	MP4A	Mx	.002	.25
22	MP4A	X	-3.949	3.75
23	MP4A	Z	-6.841	3.75
24	MP4A	Mx	.002	3.75
25	MP4B	X	-3.949	.25
26	MP4B	Z	-6.841	.25
27	MP4B	Mx	.002	.25
28	MP4B	X	-3.949	3.75
29	MP4B	Z	-6.841	3.75
30	MP4B	Mx	.002	3.75
31	MP4C	X	-3.604	.25
32	MP4C	Z	-6.242	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP4C	Mx	-.004	.25
34	MP4C	X	-3.604	3.75
35	MP4C	Z	-6.242	3.75
36	MP4C	Mx	-.004	3.75
37	MP3A	X	-5.511	.46
38	MP3A	Z	-9.545	.46
39	MP3A	Mx	-.003	.46
40	MP3A	X	-5.511	4.29
41	MP3A	Z	-9.545	4.29
42	MP3A	Mx	-.003	4.29
43	MP3B	X	-5.511	.46
44	MP3B	Z	-9.545	.46
45	MP3B	Mx	.009	.46
46	MP3B	X	-5.511	4.29
47	MP3B	Z	-9.545	4.29
48	MP3B	Mx	.009	4.29
49	MP3C	X	-4.021	.46
50	MP3C	Z	-6.965	.46
51	MP3C	Mx	-.003	.46
52	MP3C	X	-4.021	4.29
53	MP3C	Z	-6.965	4.29
54	MP3C	Mx	-.003	4.29
55	MP3A	X	-5.511	.46
56	MP3A	Z	-9.545	.46
57	MP3A	Mx	.009	.46
58	MP3A	X	-5.511	4.29
59	MP3A	Z	-9.545	4.29
60	MP3A	Mx	.009	4.29
61	MP3B	X	-5.511	.46
62	MP3B	Z	-9.545	.46
63	MP3B	Mx	-.003	.46
64	MP3B	X	-5.511	4.29
65	MP3B	Z	-9.545	4.29
66	MP3B	Mx	-.003	4.29
67	MP3C	X	-4.021	.46
68	MP3C	Z	-6.965	.46
69	MP3C	Mx	-.005	.46
70	MP3C	X	-4.021	4.29
71	MP3C	Z	-6.965	4.29
72	MP3C	Mx	-.005	4.29
73	MP2A	X	-2.169	1
74	MP2A	Z	-3.756	1
75	MP2A	Mx	.001	1
76	MP2A	X	-2.169	3
77	MP2A	Z	-3.756	3
78	MP2A	Mx	.001	3
79	MP2B	X	-2.169	1
80	MP2B	Z	-3.756	1
81	MP2B	Mx	.001	1
82	MP2B	X	-2.169	3
83	MP2B	Z	-3.756	3
84	MP2B	Mx	.001	3
85	MP2C	X	-.945	1
86	MP2C	Z	-1.636	1
87	MP2C	Mx	-.00093	1
88	MP2C	X	-.945	3
89	MP2C	Z	-1.636	3
90	MP2C	Mx	-.00093	3
91	MPA3	X	-1.882	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MPA3	Z	-3.261	.5
93	MPA3	Mx	0	.5
94	MP4A	X	-1.82	1.5
95	MP4A	Z	-3.152	1.5
96	MP4A	Mx	-.000607	1.5
97	MP4B	X	-1.82	1.5
98	MP4B	Z	-3.152	1.5
99	MP4B	Mx	-.000607	1.5
100	MP4C	X	-1.125	1.5
101	MP4C	Z	-1.948	1.5
102	MP4C	Mx	.00075	1.5
103	MP3A	X	-.452	2
104	MP3A	Z	-.783	2
105	MP3A	Mx	-7.5e-5	2
106	MP3B	X	-.452	2
107	MP3B	Z	-.783	2
108	MP3B	Mx	-7.5e-5	2
109	MP3C	X	-.339	2
110	MP3C	Z	-.587	2
111	MP3C	Mx	.000113	2
112	MP3B	X	-1.049	.25
113	MP3B	Z	-1.817	.25
114	MP3B	Mx	-.000525	.25
115	MP3B	X	-1.049	.25
116	MP3B	Z	-1.817	.25
117	MP3B	Mx	-.000525	.25
118	MPB3	X	-1.882	.5
119	MPB3	Z	-3.261	.5
120	MPB3	Mx	0	.5
121	MPC3	X	-1.397	.5
122	MPC3	Z	-2.419	.5
123	MPC3	Mx	0	.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	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	MP1A	Y	-.251	.25
2	MP1A	My	-.000125	.25
3	MP1A	Mz	0	.25
4	MP1A	Y	-.251	3.75
5	MP1A	My	-.000125	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP1A	Mz	0	3.75
7	MP1B	Y	-.251	.25
8	MP1B	My	6.3e-5	.25
9	MP1B	Mz	-.000109	.25
10	MP1B	Y	-.251	3.75
11	MP1B	My	6.3e-5	3.75
12	MP1B	Mz	-.000109	3.75
13	MP1C	Y	-.251	.25
14	MP1C	My	8.1e-5	.25
15	MP1C	Mz	9.6e-5	.25
16	MP1C	Y	-.251	3.75
17	MP1C	My	8.1e-5	3.75
18	MP1C	Mz	9.6e-5	3.75
19	MP4A	Y	-.251	.25
20	MP4A	My	-.000125	.25
21	MP4A	Mz	0	.25
22	MP4A	Y	-.251	3.75
23	MP4A	My	-.000125	3.75
24	MP4A	Mz	0	3.75
25	MP4B	Y	-.251	.25
26	MP4B	My	6.3e-5	.25
27	MP4B	Mz	-.000109	.25
28	MP4B	Y	-.251	3.75
29	MP4B	My	6.3e-5	3.75
30	MP4B	Mz	-.000109	3.75
31	MP4C	Y	-.251	.25
32	MP4C	My	8.1e-5	.25
33	MP4C	Mz	9.6e-5	.25
34	MP4C	Y	-.251	3.75
35	MP4C	My	8.1e-5	3.75
36	MP4C	Mz	9.6e-5	3.75
37	MP3A	Y	-.794	.46
38	MP3A	My	-.000397	.46
39	MP3A	Mz	.000496	.46
40	MP3A	Y	-.794	4.29
41	MP3A	My	-.000397	4.29
42	MP3A	Mz	.000496	4.29
43	MP3B	Y	-.794	.46
44	MP3B	My	-.000231	.46
45	MP3B	Mz	-.000592	.46
46	MP3B	Y	-.794	4.29
47	MP3B	My	-.000231	4.29
48	MP3B	Mz	-.000592	4.29
49	MP3C	Y	-.794	.46
50	MP3C	My	.000635	.46
51	MP3C	Mz	-1.5e-5	.46
52	MP3C	Y	-.794	4.29
53	MP3C	My	.000635	4.29
54	MP3C	Mz	-1.5e-5	4.29
55	MP3A	Y	-.794	.46
56	MP3A	My	-.000397	.46
57	MP3A	Mz	-.000496	.46
58	MP3A	Y	-.794	4.29
59	MP3A	My	-.000397	4.29
60	MP3A	Mz	-.000496	4.29
61	MP3B	Y	-.794	.46
62	MP3B	My	.000628	.46
63	MP3B	Mz	-9.6e-5	.46
64	MP3B	Y	-.794	4.29

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP3B	My	.000628	4.29
66	MP3B	Mz	-9.6e-5	4.29
67	MP3C	Y	-.794	.46
68	MP3C	My	-.000125	.46
69	MP3C	Mz	.000623	.46
70	MP3C	Y	-.794	4.29
71	MP3C	My	-.000125	4.29
72	MP3C	Mz	.000623	4.29
73	MP2A	Y	-1.092	1
74	MP2A	My	-.000546	1
75	MP2A	Mz	0	1
76	MP2A	Y	-1.092	3
77	MP2A	My	-.000546	3
78	MP2A	Mz	0	3
79	MP2B	Y	-1.092	1
80	MP2B	My	.000273	1
81	MP2B	Mz	-.000473	1
82	MP2B	Y	-1.092	3
83	MP2B	My	.000273	3
84	MP2B	Mz	-.000473	3
85	MP2C	Y	-1.092	1
86	MP2C	My	.000351	1
87	MP2C	Mz	.000418	1
88	MP2C	Y	-1.092	3
89	MP2C	My	.000351	3
90	MP2C	Mz	.000418	3
91	MPA3	Y	-2.117	.5
92	MPA3	My	0	.5
93	MPA3	Mz	0	.5
94	MP4A	Y	-1.763	1.5
95	MP4A	My	.000588	1.5
96	MP4A	Mz	0	1.5
97	MP4B	Y	-1.763	1.5
98	MP4B	My	-.000294	1.5
99	MP4B	Mz	.000509	1.5
100	MP4C	Y	-1.763	1.5
101	MP4C	My	-.000294	1.5
102	MP4C	Mz	-.000509	1.5
103	MP3A	Y	-.261	2
104	MP3A	My	4.3e-5	2
105	MP3A	Mz	0	2
106	MP3B	Y	-.261	2
107	MP3B	My	-2.2e-5	2
108	MP3B	Mz	3.8e-5	2
109	MP3C	Y	-.261	2
110	MP3C	My	-2.2e-5	2
111	MP3C	Mz	-3.8e-5	2
112	MP3B	Y	-.441	.25
113	MP3B	My	-.00011	.25
114	MP3B	Mz	.000191	.25
115	MP3B	Y	-.441	.25
116	MP3B	My	-.00011	.25
117	MP3B	Mz	.000191	.25
118	MPB3	Y	-2.117	.5
119	MPB3	My	0	.5
120	MPB3	Mz	0	.5
121	MPC3	Y	-2.117	.5
122	MPC3	My	0	.5
123	MPC3	Mz	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Z	-.627	.25
2	MP1A	Mx	0	.25
3	MP1A	Z	-.627	3.75
4	MP1A	Mx	0	3.75
5	MP1B	Z	-.627	.25
6	MP1B	Mx	.000271	.25
7	MP1B	Z	-.627	3.75
8	MP1B	Mx	.000271	3.75
9	MP1C	Z	-.627	.25
10	MP1C	Mx	-.00024	.25
11	MP1C	Z	-.627	3.75
12	MP1C	Mx	-.00024	3.75
13	MP4A	Z	-.627	.25
14	MP4A	Mx	0	.25
15	MP4A	Z	-.627	3.75
16	MP4A	Mx	0	3.75
17	MP4B	Z	-.627	.25
18	MP4B	Mx	.000271	.25
19	MP4B	Z	-.627	3.75
20	MP4B	Mx	.000271	3.75
21	MP4C	Z	-.627	.25
22	MP4C	Mx	-.00024	.25
23	MP4C	Z	-.627	3.75
24	MP4C	Mx	-.00024	3.75
25	MP3A	Z	-1.984	.46
26	MP3A	Mx	-.001	.46
27	MP3A	Z	-1.984	4.29
28	MP3A	Mx	-.001	4.29
29	MP3B	Z	-1.984	.46
30	MP3B	Mx	.001	.46
31	MP3B	Z	-1.984	4.29
32	MP3B	Mx	.001	4.29
33	MP3C	Z	-1.984	.46
34	MP3C	Mx	3.7e-5	.46
35	MP3C	Z	-1.984	4.29
36	MP3C	Mx	3.7e-5	4.29
37	MP3A	Z	-1.984	.46
38	MP3A	Mx	.001	.46
39	MP3A	Z	-1.984	4.29
40	MP3A	Mx	.001	4.29
41	MP3B	Z	-1.984	.46
42	MP3B	Mx	.000239	.46
43	MP3B	Z	-1.984	4.29
44	MP3B	Mx	.000239	4.29
45	MP3C	Z	-1.984	.46
46	MP3C	Mx	-.002	.46
47	MP3C	Z	-1.984	4.29
48	MP3C	Mx	-.002	4.29
49	MP2A	Z	-2.731	1
50	MP2A	Mx	0	1
51	MP2A	Z	-2.731	3
52	MP2A	Mx	0	3
53	MP2B	Z	-2.731	1
54	MP2B	Mx	.001	1
55	MP2B	Z	-2.731	3
56	MP2B	Mx	.001	3
57	MP2C	Z	-2.731	1
58	MP2C	Mx	-.001	1
59	MP2C	Z	-2.731	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP2C	Mx	-.001	3
61	MPA3	Z	-5.292	.5
62	MPA3	Mx	0	.5
63	MP4A	Z	-4.408	1.5
64	MP4A	Mx	0	1.5
65	MP4B	Z	-4.408	1.5
66	MP4B	Mx	-.001	1.5
67	MP4C	Z	-4.408	1.5
68	MP4C	Mx	.001	1.5
69	MP3A	Z	-.652	2
70	MP3A	Mx	0	2
71	MP3B	Z	-.652	2
72	MP3B	Mx	-9.4e-5	2
73	MP3C	Z	-.652	2
74	MP3C	Mx	9.4e-5	2
75	MP3B	Z	-1.104	.25
76	MP3B	Mx	-.000478	.25
77	MP3B	Z	-1.104	.25
78	MP3B	Mx	-.000478	.25
79	MPB3	Z	-5.292	.5
80	MPB3	Mx	0	.5
81	MPC3	Z	-5.292	.5
82	MPC3	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	.627	.25
2	MP1A	Mx	-.000314	.25
3	MP1A	X	.627	3.75
4	MP1A	Mx	-.000314	3.75
5	MP1B	X	.627	.25
6	MP1B	Mx	.000157	.25
7	MP1B	X	.627	3.75
8	MP1B	Mx	.000157	3.75
9	MP1C	X	.627	.25
10	MP1C	Mx	.000202	.25
11	MP1C	X	.627	3.75
12	MP1C	Mx	.000202	3.75
13	MP4A	X	.627	.25
14	MP4A	Mx	-.000314	.25
15	MP4A	X	.627	3.75
16	MP4A	Mx	-.000314	3.75
17	MP4B	X	.627	.25
18	MP4B	Mx	.000157	.25
19	MP4B	X	.627	3.75
20	MP4B	Mx	.000157	3.75
21	MP4C	X	.627	.25
22	MP4C	Mx	.000202	.25
23	MP4C	X	.627	3.75
24	MP4C	Mx	.000202	3.75
25	MP3A	X	1.984	.46
26	MP3A	Mx	-.000992	.46
27	MP3A	X	1.984	4.29
28	MP3A	Mx	-.000992	4.29
29	MP3B	X	1.984	.46
30	MP3B	Mx	-.000578	.46
31	MP3B	X	1.984	4.29
32	MP3B	Mx	-.000578	4.29

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3C	X	1.984	.46
34	MP3C	Mx	.002	.46
35	MP3C	X	1.984	4.29
36	MP3C	Mx	.002	4.29
37	MP3A	X	1.984	.46
38	MP3A	Mx	-.000992	.46
39	MP3A	X	1.984	4.29
40	MP3A	Mx	-.000992	4.29
41	MP3B	X	1.984	.46
42	MP3B	Mx	.002	.46
43	MP3B	X	1.984	4.29
44	MP3B	Mx	.002	4.29
45	MP3C	X	1.984	.46
46	MP3C	Mx	-.000312	.46
47	MP3C	X	1.984	4.29
48	MP3C	Mx	-.000312	4.29
49	MP2A	X	2.731	1
50	MP2A	Mx	-.001	1
51	MP2A	X	2.731	3
52	MP2A	Mx	-.001	3
53	MP2B	X	2.731	1
54	MP2B	Mx	.000683	1
55	MP2B	X	2.731	3
56	MP2B	Mx	.000683	3
57	MP2C	X	2.731	1
58	MP2C	Mx	.000878	1
59	MP2C	X	2.731	3
60	MP2C	Mx	.000878	3
61	MPA3	X	5.292	.5
62	MPA3	Mx	0	.5
63	MP4A	X	4.408	1.5
64	MP4A	Mx	.001	1.5
65	MP4B	X	4.408	1.5
66	MP4B	Mx	-.000735	1.5
67	MP4C	X	4.408	1.5
68	MP4C	Mx	-.000735	1.5
69	MP3A	X	.652	2
70	MP3A	Mx	.000109	2
71	MP3B	X	.652	2
72	MP3B	Mx	-5.4e-5	2
73	MP3C	X	.652	2
74	MP3C	Mx	-5.4e-5	2
75	MP3B	X	1.104	.25
76	MP3B	Mx	-.000276	.25
77	MP3B	X	1.104	.25
78	MP3B	Mx	-.000276	.25
79	MPB3	X	5.292	.5
80	MPB3	Mx	0	.5
81	MPC3	X	5.292	.5
82	MPC3	Mx	0	.5

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-6.563	-6.563	0	%100
2	M4	Y	-9.605	-9.605	0	%100
3	M10	Y	-9.605	-9.605	0	%100
4	MP3A	Y	-5.682	-5.682	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
5	MP4A	Y	-4.977	-4.977	0	%100
6	MP2A	Y	-4.977	-4.977	0	%100
7	MP1A	Y	-4.977	-4.977	0	%100
8	M43	Y	-9.605	-9.605	0	%100
9	M46	Y	-10.118	-10.118	0	%100
10	M51B	Y	-5.616	-5.616	0	%100
11	M52B	Y	-5.616	-5.616	0	%100
12	M76	Y	-10.105	-10.105	0	%100
13	M77	Y	-10.105	-10.105	0	%100
14	M80	Y	-10.118	-10.118	0	%100
15	M84	Y	-10.105	-10.105	0	%100
16	M85	Y	-10.105	-10.105	0	%100
17	M91	Y	-10.118	-10.118	0	%100
18	M52A	Y	-9.605	-9.605	0	%100
19	M53	Y	-9.605	-9.605	0	%100
20	M54	Y	-9.605	-9.605	0	%100
21	M55	Y	-10.118	-10.118	0	%100
22	M58A	Y	-5.616	-5.616	0	%100
23	M59A	Y	-5.616	-5.616	0	%100
24	M63	Y	-10.105	-10.105	0	%100
25	M64	Y	-10.105	-10.105	0	%100
26	M66	Y	-10.118	-10.118	0	%100
27	M68	Y	-10.105	-10.105	0	%100
28	M69	Y	-10.105	-10.105	0	%100
29	M71	Y	-10.118	-10.118	0	%100
30	M76A	Y	-9.605	-9.605	0	%100
31	M77A	Y	-9.605	-9.605	0	%100
32	M78	Y	-9.605	-9.605	0	%100
33	M79A	Y	-10.118	-10.118	0	%100
34	M82	Y	-5.616	-5.616	0	%100
35	M83A	Y	-5.616	-5.616	0	%100
36	M87	Y	-10.105	-10.105	0	%100
37	M88A	Y	-10.105	-10.105	0	%100
38	M90	Y	-10.118	-10.118	0	%100
39	M92A	Y	-10.105	-10.105	0	%100
40	M93	Y	-10.105	-10.105	0	%100
41	M95	Y	-10.118	-10.118	0	%100
42	M82A	Y	-6.563	-6.563	0	%100
43	M91B	Y	-6.563	-6.563	0	%100
44	MP3C	Y	-5.682	-5.682	0	%100
45	MP4C	Y	-4.977	-4.977	0	%100
46	MP2C	Y	-4.977	-4.977	0	%100
47	MP1C	Y	-4.977	-4.977	0	%100
48	MP3B	Y	-5.682	-5.682	0	%100
49	MP4B	Y	-4.977	-4.977	0	%100
50	MP2B	Y	-4.977	-4.977	0	%100
51	MP1B	Y	-4.977	-4.977	0	%100
52	M100	Y	-5.682	-5.682	0	%100
53	M107	Y	-5.682	-5.682	0	%100
54	M114	Y	-5.682	-5.682	0	%100
55	M121	Y	-6.613	-6.613	0	%100
56	M122	Y	-6.613	-6.613	0	%100
57	M123	Y	-6.613	-6.613	0	%100
58	MPA3	Y	-4.977	-4.977	0	%100
59	M125	Y	-2.333	-2.333	0	%100
60	M126	Y	-2.333	-2.333	0	%100
61	M131	Y	-2.333	-2.333	0	%100
62	M132	Y	-2.333	-2.333	0	%100
63	MPC3	Y	-4.977	-4.977	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
64	M138	Y	-2.333	-2.333	0	%100
65	M139	Y	-2.333	-2.333	0	%100
66	M144	Y	-2.333	-2.333	0	%100
67	M145	Y	-2.333	-2.333	0	%100
68	MPB3	Y	-4.977	-4.977	0	%100
69	M151	Y	-2.333	-2.333	0	%100
70	M152	Y	-2.333	-2.333	0	%100
71	M157	Y	-2.333	-2.333	0	%100
72	M158	Y	-2.333	-2.333	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-14.248	-14.248	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	-12.739	-12.739	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-12.175	-12.175	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-10.058	-10.058	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-10.058	-10.058	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-10.058	-10.058	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-12.739	-12.739	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-25.409	-25.409	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-3.527	-3.527	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-3.527	-3.527	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	-6.47	-6.47	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-6.815	-6.815	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	-6.47	-6.47	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-6.815	-6.815	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	-11.291	-11.291	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	-3.185	-3.185	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	-3.185	-3.185	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	-6.352	-6.352	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	-3.527	-3.527	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	-14.109	-14.109	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
47	M63	X	0	0	0	%100
48	M63	Z	-19.057	-19.057	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	-6.47	-6.47	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	-6.815	-6.815	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	-19.057	-19.057	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	-25.879	-25.879	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	-27.258	-27.258	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	-11.291	-11.291	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	-3.185	-3.185	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	-3.185	-3.185	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	-6.352	-6.352	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-14.109	-14.109	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	-3.527	-3.527	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	-19.057	-19.057	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	-25.879	-25.879	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	-27.258	-27.258	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	-19.057	-19.057	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	-6.47	-6.47	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	-6.815	-6.815	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	-3.562	-3.562	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	-3.562	-3.562	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-12.175	-12.175	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-10.058	-10.058	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-10.058	-10.058	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	-10.058	-10.058	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-12.175	-12.175	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-10.058	-10.058	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-10.058	-10.058	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-10.058	-10.058	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	-12.175	-12.175	0	%100
105	M107	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
106	M107	Z	-3.044	-3.044	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	-3.044	-3.044	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-2.94	-2.94	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-11.761	-11.761	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-2.94	-2.94	0	%100
115	MPA3	X	0	0	0	%100
116	MPA3	Z	-7.283	-7.283	0	%100
117	M125	X	0	0	0	%100
118	M125	Z	0	0	0	%100
119	M126	X	0	0	0	%100
120	M126	Z	0	0	0	%100
121	M131	X	0	0	0	%100
122	M131	Z	0	0	0	%100
123	M132	X	0	0	0	%100
124	M132	Z	0	0	0	%100
125	MPC3	X	0	0	0	%100
126	MPC3	Z	-7.283	-7.283	0	%100
127	M138	X	0	0	0	%100
128	M138	Z	-1.206	-1.206	0	%100
129	M139	X	0	0	0	%100
130	M139	Z	-1.206	-1.206	0	%100
131	M144	X	0	0	0	%100
132	M144	Z	-1.206	-1.206	0	%100
133	M145	X	0	0	0	%100
134	M145	Z	-1.206	-1.206	0	%100
135	MPB3	X	0	0	0	%100
136	MPB3	Z	-7.283	-7.283	0	%100
137	M151	X	0	0	0	%100
138	M151	Z	-1.206	-1.206	0	%100
139	M152	X	0	0	0	%100
140	M152	Z	-1.206	-1.206	0	%100
141	M157	X	0	0	0	%100
142	M157	Z	-1.206	-1.206	0	%100
143	M158	X	0	0	0	%100
144	M158	Z	-1.206	-1.206	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	5.343	5.343	0	%100
2	M1	Z	-9.255	-9.255	0	%100
3	M4	X	1.882	1.882	0	%100
4	M4	Z	-3.259	-3.259	0	%100
5	M10	X	4.777	4.777	0	%100
6	M10	Z	-8.274	-8.274	0	%100
7	MP3A	X	6.088	6.088	0	%100
8	MP3A	Z	-10.544	-10.544	0	%100
9	MP4A	X	5.029	5.029	0	%100
10	MP4A	Z	-8.71	-8.71	0	%100
11	MP2A	X	5.029	5.029	0	%100
12	MP2A	Z	-8.71	-8.71	0	%100
13	MP1A	X	5.029	5.029	0	%100
14	MP1A	Z	-8.71	-8.71	0	%100
15	M43	X	4.777	4.777	0	%100
16	M43	Z	-8.274	-8.274	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
17	M46	X	9.528	9.528	0	%100
18	M46	Z	-16.503	-16.503	0	%100
19	M51B	X	5.291	5.291	0	%100
20	M51B	Z	-9.164	-9.164	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	3.176	3.176	0	%100
24	M76	Z	-5.501	-5.501	0	%100
25	M77	X	9.705	9.705	0	%100
26	M77	Z	-16.809	-16.809	0	%100
27	M80	X	10.222	10.222	0	%100
28	M80	Z	-17.705	-17.705	0	%100
29	M84	X	3.176	3.176	0	%100
30	M84	Z	-5.501	-5.501	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	M52A	X	1.882	1.882	0	%100
36	M52A	Z	-3.259	-3.259	0	%100
37	M53	X	4.777	4.777	0	%100
38	M53	Z	-8.274	-8.274	0	%100
39	M54	X	4.777	4.777	0	%100
40	M54	Z	-8.274	-8.274	0	%100
41	M55	X	9.528	9.528	0	%100
42	M55	Z	-16.503	-16.503	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	5.291	5.291	0	%100
46	M59A	Z	-9.164	-9.164	0	%100
47	M63	X	3.176	3.176	0	%100
48	M63	Z	-5.501	-5.501	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	3.176	3.176	0	%100
54	M68	Z	-5.501	-5.501	0	%100
55	M69	X	9.705	9.705	0	%100
56	M69	Z	-16.809	-16.809	0	%100
57	M71	X	10.222	10.222	0	%100
58	M71	Z	-17.705	-17.705	0	%100
59	M76A	X	7.527	7.527	0	%100
60	M76A	Z	-13.038	-13.038	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	5.291	5.291	0	%100
68	M82	Z	-9.164	-9.164	0	%100
69	M83A	X	5.291	5.291	0	%100
70	M83A	Z	-9.164	-9.164	0	%100
71	M87	X	12.704	12.704	0	%100
72	M87	Z	-22.005	-22.005	0	%100
73	M88A	X	9.705	9.705	0	%100
74	M88A	Z	-16.809	-16.809	0	%100
75	M90	X	10.222	10.222	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
76	M90	Z	-17.705	-17.705	0	%100
77	M92A	X	12.704	12.704	0	%100
78	M92A	Z	-22.005	-22.005	0	%100
79	M93	X	9.705	9.705	0	%100
80	M93	Z	-16.809	-16.809	0	%100
81	M95	X	10.222	10.222	0	%100
82	M95	Z	-17.705	-17.705	0	%100
83	M82A	X	5.343	5.343	0	%100
84	M82A	Z	-9.255	-9.255	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	6.088	6.088	0	%100
88	MP3C	Z	-10.544	-10.544	0	%100
89	MP4C	X	5.029	5.029	0	%100
90	MP4C	Z	-8.71	-8.71	0	%100
91	MP2C	X	5.029	5.029	0	%100
92	MP2C	Z	-8.71	-8.71	0	%100
93	MP1C	X	5.029	5.029	0	%100
94	MP1C	Z	-8.71	-8.71	0	%100
95	MP3B	X	6.088	6.088	0	%100
96	MP3B	Z	-10.544	-10.544	0	%100
97	MP4B	X	5.029	5.029	0	%100
98	MP4B	Z	-8.71	-8.71	0	%100
99	MP2B	X	5.029	5.029	0	%100
100	MP2B	Z	-8.71	-8.71	0	%100
101	MP1B	X	5.029	5.029	0	%100
102	MP1B	Z	-8.71	-8.71	0	%100
103	M100	X	4.566	4.566	0	%100
104	M100	Z	-7.908	-7.908	0	%100
105	M107	X	4.566	4.566	0	%100
106	M107	Z	-7.908	-7.908	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	4.41	4.41	0	%100
110	M121	Z	-7.639	-7.639	0	%100
111	M122	X	4.41	4.41	0	%100
112	M122	Z	-7.639	-7.639	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	MPA3	X	3.642	3.642	0	%100
116	MPA3	Z	-6.308	-6.308	0	%100
117	M125	X	.201	.201	0	%100
118	M125	Z	-.348	-.348	0	%100
119	M126	X	.201	.201	0	%100
120	M126	Z	-.348	-.348	0	%100
121	M131	X	.201	.201	0	%100
122	M131	Z	-.348	-.348	0	%100
123	M132	X	.201	.201	0	%100
124	M132	Z	-.348	-.348	0	%100
125	MPC3	X	3.642	3.642	0	%100
126	MPC3	Z	-6.308	-6.308	0	%100
127	M138	X	.201	.201	0	%100
128	M138	Z	-.348	-.348	0	%100
129	M139	X	.201	.201	0	%100
130	M139	Z	-.348	-.348	0	%100
131	M144	X	.201	.201	0	%100
132	M144	Z	-.348	-.348	0	%100
133	M145	X	.201	.201	0	%100
134	M145	Z	-.348	-.348	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
135	MPB3	X	3.642	3.642	0	%100
136	MPB3	Z	-6.308	-6.308	0	%100
137	M151	X	.804	.804	0	%100
138	M151	Z	-1.392	-1.392	0	%100
139	M152	X	.804	.804	0	%100
140	M152	Z	-1.392	-1.392	0	%100
141	M157	X	.804	.804	0	%100
142	M157	Z	-1.392	-1.392	0	%100
143	M158	X	.804	.804	0	%100
144	M158	Z	-1.392	-1.392	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.085	3.085	0	%100
2	M1	Z	-1.781	-1.781	0	%100
3	M4	X	9.778	9.778	0	%100
4	M4	Z	-5.645	-5.645	0	%100
5	M10	X	2.758	2.758	0	%100
6	M10	Z	-1.592	-1.592	0	%100
7	MP3A	X	10.544	10.544	0	%100
8	MP3A	Z	-6.088	-6.088	0	%100
9	MP4A	X	8.71	8.71	0	%100
10	MP4A	Z	-5.029	-5.029	0	%100
11	MP2A	X	8.71	8.71	0	%100
12	MP2A	Z	-5.029	-5.029	0	%100
13	MP1A	X	8.71	8.71	0	%100
14	MP1A	Z	-5.029	-5.029	0	%100
15	M43	X	2.758	2.758	0	%100
16	M43	Z	-1.592	-1.592	0	%100
17	M46	X	5.501	5.501	0	%100
18	M46	Z	-3.176	-3.176	0	%100
19	M51B	X	12.219	12.219	0	%100
20	M51B	Z	-7.055	-7.055	0	%100
21	M52B	X	3.055	3.055	0	%100
22	M52B	Z	-1.764	-1.764	0	%100
23	M76	X	16.503	16.503	0	%100
24	M76	Z	-9.528	-9.528	0	%100
25	M77	X	22.412	22.412	0	%100
26	M77	Z	-12.94	-12.94	0	%100
27	M80	X	23.606	23.606	0	%100
28	M80	Z	-13.629	-13.629	0	%100
29	M84	X	16.503	16.503	0	%100
30	M84	Z	-9.528	-9.528	0	%100
31	M85	X	5.603	5.603	0	%100
32	M85	Z	-3.235	-3.235	0	%100
33	M91	X	5.902	5.902	0	%100
34	M91	Z	-3.407	-3.407	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	11.032	11.032	0	%100
38	M53	Z	-6.369	-6.369	0	%100
39	M54	X	11.032	11.032	0	%100
40	M54	Z	-6.369	-6.369	0	%100
41	M55	X	22.005	22.005	0	%100
42	M55	Z	-12.704	-12.704	0	%100
43	M58A	X	3.055	3.055	0	%100
44	M58A	Z	-1.764	-1.764	0	%100
45	M59A	X	3.055	3.055	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
46	M59A	Z	-1.764	-1.764	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	5.603	5.603	0	%100
50	M64	Z	-3.235	-3.235	0	%100
51	M66	X	5.902	5.902	0	%100
52	M66	Z	-3.407	-3.407	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	5.603	5.603	0	%100
56	M69	Z	-3.235	-3.235	0	%100
57	M71	X	5.902	5.902	0	%100
58	M71	Z	-3.407	-3.407	0	%100
59	M76A	X	9.778	9.778	0	%100
60	M76A	Z	-5.645	-5.645	0	%100
61	M77A	X	2.758	2.758	0	%100
62	M77A	Z	-1.592	-1.592	0	%100
63	M78	X	2.758	2.758	0	%100
64	M78	Z	-1.592	-1.592	0	%100
65	M79A	X	5.501	5.501	0	%100
66	M79A	Z	-3.176	-3.176	0	%100
67	M82	X	3.055	3.055	0	%100
68	M82	Z	-1.764	-1.764	0	%100
69	M83A	X	12.219	12.219	0	%100
70	M83A	Z	-7.055	-7.055	0	%100
71	M87	X	16.503	16.503	0	%100
72	M87	Z	-9.528	-9.528	0	%100
73	M88A	X	5.603	5.603	0	%100
74	M88A	Z	-3.235	-3.235	0	%100
75	M90	X	5.902	5.902	0	%100
76	M90	Z	-3.407	-3.407	0	%100
77	M92A	X	16.503	16.503	0	%100
78	M92A	Z	-9.528	-9.528	0	%100
79	M93	X	22.412	22.412	0	%100
80	M93	Z	-12.94	-12.94	0	%100
81	M95	X	23.606	23.606	0	%100
82	M95	Z	-13.629	-13.629	0	%100
83	M82A	X	12.339	12.339	0	%100
84	M82A	Z	-7.124	-7.124	0	%100
85	M91B	X	3.085	3.085	0	%100
86	M91B	Z	-1.781	-1.781	0	%100
87	MP3C	X	10.544	10.544	0	%100
88	MP3C	Z	-6.088	-6.088	0	%100
89	MP4C	X	8.71	8.71	0	%100
90	MP4C	Z	-5.029	-5.029	0	%100
91	MP2C	X	8.71	8.71	0	%100
92	MP2C	Z	-5.029	-5.029	0	%100
93	MP1C	X	8.71	8.71	0	%100
94	MP1C	Z	-5.029	-5.029	0	%100
95	MP3B	X	10.544	10.544	0	%100
96	MP3B	Z	-6.088	-6.088	0	%100
97	MP4B	X	8.71	8.71	0	%100
98	MP4B	Z	-5.029	-5.029	0	%100
99	MP2B	X	8.71	8.71	0	%100
100	MP2B	Z	-5.029	-5.029	0	%100
101	MP1B	X	8.71	8.71	0	%100
102	MP1B	Z	-5.029	-5.029	0	%100
103	M100	X	2.636	2.636	0	%100
104	M100	Z	-1.522	-1.522	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
105	M107	X	10.544	10.544	0	%100
106	M107	Z	-6.088	-6.088	0	%100
107	M114	X	2.636	2.636	0	%100
108	M114	Z	-1.522	-1.522	0	%100
109	M121	X	10.185	10.185	0	%100
110	M121	Z	-5.881	-5.881	0	%100
111	M122	X	2.546	2.546	0	%100
112	M122	Z	-1.47	-1.47	0	%100
113	M123	X	2.546	2.546	0	%100
114	M123	Z	-1.47	-1.47	0	%100
115	MPA3	X	6.308	6.308	0	%100
116	MPA3	Z	-3.642	-3.642	0	%100
117	M125	X	1.044	1.044	0	%100
118	M125	Z	-.603	-.603	0	%100
119	M126	X	1.044	1.044	0	%100
120	M126	Z	-.603	-.603	0	%100
121	M131	X	1.044	1.044	0	%100
122	M131	Z	-.603	-.603	0	%100
123	M132	X	1.044	1.044	0	%100
124	M132	Z	-.603	-.603	0	%100
125	MPC3	X	6.308	6.308	0	%100
126	MPC3	Z	-3.642	-3.642	0	%100
127	M138	X	0	0	0	%100
128	M138	Z	0	0	0	%100
129	M139	X	0	0	0	%100
130	M139	Z	0	0	0	%100
131	M144	X	0	0	0	%100
132	M144	Z	0	0	0	%100
133	M145	X	0	0	0	%100
134	M145	Z	0	0	0	%100
135	MPB3	X	6.308	6.308	0	%100
136	MPB3	Z	-3.642	-3.642	0	%100
137	M151	X	1.044	1.044	0	%100
138	M151	Z	-.603	-.603	0	%100
139	M152	X	1.044	1.044	0	%100
140	M152	Z	-.603	-.603	0	%100
141	M157	X	1.044	1.044	0	%100
142	M157	Z	-.603	-.603	0	%100
143	M158	X	1.044	1.044	0	%100
144	M158	Z	-.603	-.603	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	15.055	15.055	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	12.175	12.175	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	10.058	10.058	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	10.058	10.058	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	10.058	10.058	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	10.582	10.582	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	10.582	10.582	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	25.409	25.409	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	19.409	19.409	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	20.444	20.444	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	25.409	25.409	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	19.409	19.409	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	20.444	20.444	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	3.764	3.764	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	9.554	9.554	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	9.554	9.554	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	19.057	19.057	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	10.582	10.582	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	6.352	6.352	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	19.409	19.409	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	20.444	20.444	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	6.352	6.352	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	3.764	3.764	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	9.554	9.554	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	9.554	9.554	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	19.057	19.057	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	10.582	10.582	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	6.352	6.352	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	6.352	6.352	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	19.409	19.409	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	20.444	20.444	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	10.686	10.686	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	10.686	10.686	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	12.175	12.175	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	10.058	10.058	0	%100
90	MP4C	Z	0	0	0	%100
91	MP2C	X	10.058	10.058	0	%100
92	MP2C	Z	0	0	0	%100
93	MP1C	X	10.058	10.058	0	%100
94	MP1C	Z	0	0	0	%100
95	MP3B	X	12.175	12.175	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	10.058	10.058	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	10.058	10.058	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	10.058	10.058	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M107	X	9.131	9.131	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	9.131	9.131	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	8.821	8.821	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	8.821	8.821	0	%100
114	M123	Z	0	0	0	%100
115	MPA3	X	7.283	7.283	0	%100
116	MPA3	Z	0	0	0	%100
117	M125	X	1.608	1.608	0	%100
118	M125	Z	0	0	0	%100
119	M126	X	1.608	1.608	0	%100
120	M126	Z	0	0	0	%100
121	M131	X	1.608	1.608	0	%100
122	M131	Z	0	0	0	%100
123	M132	X	1.608	1.608	0	%100
124	M132	Z	0	0	0	%100
125	MPC3	X	7.283	7.283	0	%100
126	MPC3	Z	0	0	0	%100
127	M138	X	.402	.402	0	%100
128	M138	Z	0	0	0	%100
129	M139	X	.402	.402	0	%100
130	M139	Z	0	0	0	%100
131	M144	X	.402	.402	0	%100
132	M144	Z	0	0	0	%100
133	M145	X	.402	.402	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
134	M145	Z	0	0	0	%100
135	MPB3	X	7.283	7.283	0	%100
136	MPB3	Z	0	0	0	%100
137	M151	X	.402	.402	0	%100
138	M151	Z	0	0	0	%100
139	M152	X	.402	.402	0	%100
140	M152	Z	0	0	0	%100
141	M157	X	.402	.402	0	%100
142	M157	Z	0	0	0	%100
143	M158	X	.402	.402	0	%100
144	M158	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.085	3.085	0	%100
2	M1	Z	1.781	1.781	0	%100
3	M4	X	9.778	9.778	0	%100
4	M4	Z	5.645	5.645	0	%100
5	M10	X	2.758	2.758	0	%100
6	M10	Z	1.592	1.592	0	%100
7	MP3A	X	10.544	10.544	0	%100
8	MP3A	Z	6.088	6.088	0	%100
9	MP4A	X	8.71	8.71	0	%100
10	MP4A	Z	5.029	5.029	0	%100
11	MP2A	X	8.71	8.71	0	%100
12	MP2A	Z	5.029	5.029	0	%100
13	MP1A	X	8.71	8.71	0	%100
14	MP1A	Z	5.029	5.029	0	%100
15	M43	X	2.758	2.758	0	%100
16	M43	Z	1.592	1.592	0	%100
17	M46	X	5.501	5.501	0	%100
18	M46	Z	3.176	3.176	0	%100
19	M51B	X	3.055	3.055	0	%100
20	M51B	Z	1.764	1.764	0	%100
21	M52B	X	12.219	12.219	0	%100
22	M52B	Z	7.055	7.055	0	%100
23	M76	X	16.503	16.503	0	%100
24	M76	Z	9.528	9.528	0	%100
25	M77	X	5.603	5.603	0	%100
26	M77	Z	3.235	3.235	0	%100
27	M80	X	5.902	5.902	0	%100
28	M80	Z	3.407	3.407	0	%100
29	M84	X	16.503	16.503	0	%100
30	M84	Z	9.528	9.528	0	%100
31	M85	X	22.412	22.412	0	%100
32	M85	Z	12.94	12.94	0	%100
33	M91	X	23.606	23.606	0	%100
34	M91	Z	13.629	13.629	0	%100
35	M52A	X	9.778	9.778	0	%100
36	M52A	Z	5.645	5.645	0	%100
37	M53	X	2.758	2.758	0	%100
38	M53	Z	1.592	1.592	0	%100
39	M54	X	2.758	2.758	0	%100
40	M54	Z	1.592	1.592	0	%100
41	M55	X	5.501	5.501	0	%100
42	M55	Z	3.176	3.176	0	%100
43	M58A	X	12.219	12.219	0	%100
44	M58A	Z	7.055	7.055	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
45	M59A	X	3.055	3.055	0	%100
46	M59A	Z	1.764	1.764	0	%100
47	M63	X	16.503	16.503	0	%100
48	M63	Z	9.528	9.528	0	%100
49	M64	X	22.412	22.412	0	%100
50	M64	Z	12.94	12.94	0	%100
51	M66	X	23.606	23.606	0	%100
52	M66	Z	13.629	13.629	0	%100
53	M68	X	16.503	16.503	0	%100
54	M68	Z	9.528	9.528	0	%100
55	M69	X	5.603	5.603	0	%100
56	M69	Z	3.235	3.235	0	%100
57	M71	X	5.902	5.902	0	%100
58	M71	Z	3.407	3.407	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	11.032	11.032	0	%100
62	M77A	Z	6.369	6.369	0	%100
63	M78	X	11.032	11.032	0	%100
64	M78	Z	6.369	6.369	0	%100
65	M79A	X	22.005	22.005	0	%100
66	M79A	Z	12.704	12.704	0	%100
67	M82	X	3.055	3.055	0	%100
68	M82	Z	1.764	1.764	0	%100
69	M83A	X	3.055	3.055	0	%100
70	M83A	Z	1.764	1.764	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	5.603	5.603	0	%100
74	M88A	Z	3.235	3.235	0	%100
75	M90	X	5.902	5.902	0	%100
76	M90	Z	3.407	3.407	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	5.603	5.603	0	%100
80	M93	Z	3.235	3.235	0	%100
81	M95	X	5.902	5.902	0	%100
82	M95	Z	3.407	3.407	0	%100
83	M82A	X	3.085	3.085	0	%100
84	M82A	Z	1.781	1.781	0	%100
85	M91B	X	12.339	12.339	0	%100
86	M91B	Z	7.124	7.124	0	%100
87	MP3C	X	10.544	10.544	0	%100
88	MP3C	Z	6.088	6.088	0	%100
89	MP4C	X	8.71	8.71	0	%100
90	MP4C	Z	5.029	5.029	0	%100
91	MP2C	X	8.71	8.71	0	%100
92	MP2C	Z	5.029	5.029	0	%100
93	MP1C	X	8.71	8.71	0	%100
94	MP1C	Z	5.029	5.029	0	%100
95	MP3B	X	10.544	10.544	0	%100
96	MP3B	Z	6.088	6.088	0	%100
97	MP4B	X	8.71	8.71	0	%100
98	MP4B	Z	5.029	5.029	0	%100
99	MP2B	X	8.71	8.71	0	%100
100	MP2B	Z	5.029	5.029	0	%100
101	MP1B	X	8.71	8.71	0	%100
102	MP1B	Z	5.029	5.029	0	%100
103	M100	X	2.636	2.636	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
104	M100	Z	1.522	1.522	0	%100
105	M107	X	2.636	2.636	0	%100
106	M107	Z	1.522	1.522	0	%100
107	M114	X	10.544	10.544	0	%100
108	M114	Z	6.088	6.088	0	%100
109	M121	X	2.546	2.546	0	%100
110	M121	Z	1.47	1.47	0	%100
111	M122	X	2.546	2.546	0	%100
112	M122	Z	1.47	1.47	0	%100
113	M123	X	10.185	10.185	0	%100
114	M123	Z	5.881	5.881	0	%100
115	MPA3	X	6.308	6.308	0	%100
116	MPA3	Z	3.642	3.642	0	%100
117	M125	X	1.044	1.044	0	%100
118	M125	Z	.603	.603	0	%100
119	M126	X	1.044	1.044	0	%100
120	M126	Z	.603	.603	0	%100
121	M131	X	1.044	1.044	0	%100
122	M131	Z	.603	.603	0	%100
123	M132	X	1.044	1.044	0	%100
124	M132	Z	.603	.603	0	%100
125	MPC3	X	6.308	6.308	0	%100
126	MPC3	Z	3.642	3.642	0	%100
127	M138	X	1.044	1.044	0	%100
128	M138	Z	.603	.603	0	%100
129	M139	X	1.044	1.044	0	%100
130	M139	Z	.603	.603	0	%100
131	M144	X	1.044	1.044	0	%100
132	M144	Z	.603	.603	0	%100
133	M145	X	1.044	1.044	0	%100
134	M145	Z	.603	.603	0	%100
135	MPB3	X	6.308	6.308	0	%100
136	MPB3	Z	3.642	3.642	0	%100
137	M151	X	0	0	0	%100
138	M151	Z	0	0	0	%100
139	M152	X	0	0	0	%100
140	M152	Z	0	0	0	%100
141	M157	X	0	0	0	%100
142	M157	Z	0	0	0	%100
143	M158	X	0	0	0	%100
144	M158	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	5.343	5.343	0	%100
2	M1	Z	9.255	9.255	0	%100
3	M4	X	1.882	1.882	0	%100
4	M4	Z	3.259	3.259	0	%100
5	M10	X	4.777	4.777	0	%100
6	M10	Z	8.274	8.274	0	%100
7	MP3A	X	6.088	6.088	0	%100
8	MP3A	Z	10.544	10.544	0	%100
9	MP4A	X	5.029	5.029	0	%100
10	MP4A	Z	8.71	8.71	0	%100
11	MP2A	X	5.029	5.029	0	%100
12	MP2A	Z	8.71	8.71	0	%100
13	MP1A	X	5.029	5.029	0	%100
14	MP1A	Z	8.71	8.71	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
15	M43	X	4.777	4.777	0	%100
16	M43	Z	8.274	8.274	0	%100
17	M46	X	9.528	9.528	0	%100
18	M46	Z	16.503	16.503	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	5.291	5.291	0	%100
22	M52B	Z	9.164	9.164	0	%100
23	M76	X	3.176	3.176	0	%100
24	M76	Z	5.501	5.501	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	3.176	3.176	0	%100
30	M84	Z	5.501	5.501	0	%100
31	M85	X	9.705	9.705	0	%100
32	M85	Z	16.809	16.809	0	%100
33	M91	X	10.222	10.222	0	%100
34	M91	Z	17.705	17.705	0	%100
35	M52A	X	7.527	7.527	0	%100
36	M52A	Z	13.038	13.038	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	5.291	5.291	0	%100
44	M58A	Z	9.164	9.164	0	%100
45	M59A	X	5.291	5.291	0	%100
46	M59A	Z	9.164	9.164	0	%100
47	M63	X	12.704	12.704	0	%100
48	M63	Z	22.005	22.005	0	%100
49	M64	X	9.705	9.705	0	%100
50	M64	Z	16.809	16.809	0	%100
51	M66	X	10.222	10.222	0	%100
52	M66	Z	17.705	17.705	0	%100
53	M68	X	12.704	12.704	0	%100
54	M68	Z	22.005	22.005	0	%100
55	M69	X	9.705	9.705	0	%100
56	M69	Z	16.809	16.809	0	%100
57	M71	X	10.222	10.222	0	%100
58	M71	Z	17.705	17.705	0	%100
59	M76A	X	1.882	1.882	0	%100
60	M76A	Z	3.259	3.259	0	%100
61	M77A	X	4.777	4.777	0	%100
62	M77A	Z	8.274	8.274	0	%100
63	M78	X	4.777	4.777	0	%100
64	M78	Z	8.274	8.274	0	%100
65	M79A	X	9.528	9.528	0	%100
66	M79A	Z	16.503	16.503	0	%100
67	M82	X	5.291	5.291	0	%100
68	M82	Z	9.164	9.164	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	3.176	3.176	0	%100
72	M87	Z	5.501	5.501	0	%100
73	M88A	X	9.705	9.705	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
74	M88A	Z	16.809	16.809	0	%100
75	M90	X	10.222	10.222	0	%100
76	M90	Z	17.705	17.705	0	%100
77	M92A	X	3.176	3.176	0	%100
78	M92A	Z	5.501	5.501	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	5.343	5.343	0	%100
86	M91B	Z	9.255	9.255	0	%100
87	MP3C	X	6.088	6.088	0	%100
88	MP3C	Z	10.544	10.544	0	%100
89	MP4C	X	5.029	5.029	0	%100
90	MP4C	Z	8.71	8.71	0	%100
91	MP2C	X	5.029	5.029	0	%100
92	MP2C	Z	8.71	8.71	0	%100
93	MP1C	X	5.029	5.029	0	%100
94	MP1C	Z	8.71	8.71	0	%100
95	MP3B	X	6.088	6.088	0	%100
96	MP3B	Z	10.544	10.544	0	%100
97	MP4B	X	5.029	5.029	0	%100
98	MP4B	Z	8.71	8.71	0	%100
99	MP2B	X	5.029	5.029	0	%100
100	MP2B	Z	8.71	8.71	0	%100
101	MP1B	X	5.029	5.029	0	%100
102	MP1B	Z	8.71	8.71	0	%100
103	M100	X	4.566	4.566	0	%100
104	M100	Z	7.908	7.908	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	4.566	4.566	0	%100
108	M114	Z	7.908	7.908	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	4.41	4.41	0	%100
112	M122	Z	7.639	7.639	0	%100
113	M123	X	4.41	4.41	0	%100
114	M123	Z	7.639	7.639	0	%100
115	MPA3	X	3.642	3.642	0	%100
116	MPA3	Z	6.308	6.308	0	%100
117	M125	X	.201	.201	0	%100
118	M125	Z	.348	.348	0	%100
119	M126	X	.201	.201	0	%100
120	M126	Z	.348	.348	0	%100
121	M131	X	.201	.201	0	%100
122	M131	Z	.348	.348	0	%100
123	M132	X	.201	.201	0	%100
124	M132	Z	.348	.348	0	%100
125	MPC3	X	3.642	3.642	0	%100
126	MPC3	Z	6.308	6.308	0	%100
127	M138	X	.804	.804	0	%100
128	M138	Z	1.392	1.392	0	%100
129	M139	X	.804	.804	0	%100
130	M139	Z	1.392	1.392	0	%100
131	M144	X	.804	.804	0	%100
132	M144	Z	1.392	1.392	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
133	M145	X	.804	.804	0	%100
134	M145	Z	1.392	1.392	0	%100
135	MPB3	X	3.642	3.642	0	%100
136	MPB3	Z	6.308	6.308	0	%100
137	M151	X	.201	.201	0	%100
138	M151	Z	.348	.348	0	%100
139	M152	X	.201	.201	0	%100
140	M152	Z	.348	.348	0	%100
141	M157	X	.201	.201	0	%100
142	M157	Z	.348	.348	0	%100
143	M158	X	.201	.201	0	%100
144	M158	Z	.348	.348	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	14.248	14.248	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	12.739	12.739	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	12.175	12.175	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	10.058	10.058	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	10.058	10.058	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	10.058	10.058	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	12.739	12.739	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	25.409	25.409	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	3.527	3.527	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	3.527	3.527	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	6.47	6.47	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	6.815	6.815	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	6.47	6.47	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	6.815	6.815	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	11.291	11.291	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	3.185	3.185	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	3.185	3.185	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	6.352	6.352	0	%100
43	M58A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
44	M58A	Z	3.527	3.527	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	14.109	14.109	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	19.057	19.057	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	6.47	6.47	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	6.815	6.815	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	19.057	19.057	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	25.879	25.879	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	27.258	27.258	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	11.291	11.291	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	3.185	3.185	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	3.185	3.185	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	6.352	6.352	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	14.109	14.109	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	3.527	3.527	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	19.057	19.057	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	25.879	25.879	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	27.258	27.258	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	19.057	19.057	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	6.47	6.47	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	6.815	6.815	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	3.562	3.562	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	3.562	3.562	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	12.175	12.175	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	10.058	10.058	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	10.058	10.058	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	10.058	10.058	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	12.175	12.175	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	10.058	10.058	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	10.058	10.058	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	10.058	10.058	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
103	M100	X	0	0	0	%100
104	M100	Z	12.175	12.175	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	3.044	3.044	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	3.044	3.044	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	2.94	2.94	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	11.761	11.761	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	2.94	2.94	0	%100
115	MPA3	X	0	0	0	%100
116	MPA3	Z	7.283	7.283	0	%100
117	M125	X	0	0	0	%100
118	M125	Z	0	0	0	%100
119	M126	X	0	0	0	%100
120	M126	Z	0	0	0	%100
121	M131	X	0	0	0	%100
122	M131	Z	0	0	0	%100
123	M132	X	0	0	0	%100
124	M132	Z	0	0	0	%100
125	MPC3	X	0	0	0	%100
126	MPC3	Z	7.283	7.283	0	%100
127	M138	X	0	0	0	%100
128	M138	Z	1.206	1.206	0	%100
129	M139	X	0	0	0	%100
130	M139	Z	1.206	1.206	0	%100
131	M144	X	0	0	0	%100
132	M144	Z	1.206	1.206	0	%100
133	M145	X	0	0	0	%100
134	M145	Z	1.206	1.206	0	%100
135	MPB3	X	0	0	0	%100
136	MPB3	Z	7.283	7.283	0	%100
137	M151	X	0	0	0	%100
138	M151	Z	1.206	1.206	0	%100
139	M152	X	0	0	0	%100
140	M152	Z	1.206	1.206	0	%100
141	M157	X	0	0	0	%100
142	M157	Z	1.206	1.206	0	%100
143	M158	X	0	0	0	%100
144	M158	Z	1.206	1.206	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-5.343	-5.343	0	%100
2	M1	Z	9.255	9.255	0	%100
3	M4	X	-1.882	-1.882	0	%100
4	M4	Z	3.259	3.259	0	%100
5	M10	X	-4.777	-4.777	0	%100
6	M10	Z	8.274	8.274	0	%100
7	MP3A	X	-6.088	-6.088	0	%100
8	MP3A	Z	10.544	10.544	0	%100
9	MP4A	X	-5.029	-5.029	0	%100
10	MP4A	Z	8.71	8.71	0	%100
11	MP2A	X	-5.029	-5.029	0	%100
12	MP2A	Z	8.71	8.71	0	%100
13	MP1A	X	-5.029	-5.029	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
14	MP1A	Z	8.71	8.71	0	%100
15	M43	X	-4.777	-4.777	0	%100
16	M43	Z	8.274	8.274	0	%100
17	M46	X	-9.528	-9.528	0	%100
18	M46	Z	16.503	16.503	0	%100
19	M51B	X	-5.291	-5.291	0	%100
20	M51B	Z	9.164	9.164	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-3.176	-3.176	0	%100
24	M76	Z	5.501	5.501	0	%100
25	M77	X	-9.705	-9.705	0	%100
26	M77	Z	16.809	16.809	0	%100
27	M80	X	-10.222	-10.222	0	%100
28	M80	Z	17.705	17.705	0	%100
29	M84	X	-3.176	-3.176	0	%100
30	M84	Z	5.501	5.501	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	M52A	X	-1.882	-1.882	0	%100
36	M52A	Z	3.259	3.259	0	%100
37	M53	X	-4.777	-4.777	0	%100
38	M53	Z	8.274	8.274	0	%100
39	M54	X	-4.777	-4.777	0	%100
40	M54	Z	8.274	8.274	0	%100
41	M55	X	-9.528	-9.528	0	%100
42	M55	Z	16.503	16.503	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	-5.291	-5.291	0	%100
46	M59A	Z	9.164	9.164	0	%100
47	M63	X	-3.176	-3.176	0	%100
48	M63	Z	5.501	5.501	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-3.176	-3.176	0	%100
54	M68	Z	5.501	5.501	0	%100
55	M69	X	-9.705	-9.705	0	%100
56	M69	Z	16.809	16.809	0	%100
57	M71	X	-10.222	-10.222	0	%100
58	M71	Z	17.705	17.705	0	%100
59	M76A	X	-7.527	-7.527	0	%100
60	M76A	Z	13.038	13.038	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	-5.291	-5.291	0	%100
68	M82	Z	9.164	9.164	0	%100
69	M83A	X	-5.291	-5.291	0	%100
70	M83A	Z	9.164	9.164	0	%100
71	M87	X	-12.704	-12.704	0	%100
72	M87	Z	22.005	22.005	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
73	M88A	X	-9.705	-9.705	0	%100
74	M88A	Z	16.809	16.809	0	%100
75	M90	X	-10.222	-10.222	0	%100
76	M90	Z	17.705	17.705	0	%100
77	M92A	X	-12.704	-12.704	0	%100
78	M92A	Z	22.005	22.005	0	%100
79	M93	X	-9.705	-9.705	0	%100
80	M93	Z	16.809	16.809	0	%100
81	M95	X	-10.222	-10.222	0	%100
82	M95	Z	17.705	17.705	0	%100
83	M82A	X	-5.343	-5.343	0	%100
84	M82A	Z	9.255	9.255	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	-6.088	-6.088	0	%100
88	MP3C	Z	10.544	10.544	0	%100
89	MP4C	X	-5.029	-5.029	0	%100
90	MP4C	Z	8.71	8.71	0	%100
91	MP2C	X	-5.029	-5.029	0	%100
92	MP2C	Z	8.71	8.71	0	%100
93	MP1C	X	-5.029	-5.029	0	%100
94	MP1C	Z	8.71	8.71	0	%100
95	MP3B	X	-6.088	-6.088	0	%100
96	MP3B	Z	10.544	10.544	0	%100
97	MP4B	X	-5.029	-5.029	0	%100
98	MP4B	Z	8.71	8.71	0	%100
99	MP2B	X	-5.029	-5.029	0	%100
100	MP2B	Z	8.71	8.71	0	%100
101	MP1B	X	-5.029	-5.029	0	%100
102	MP1B	Z	8.71	8.71	0	%100
103	M100	X	-4.566	-4.566	0	%100
104	M100	Z	7.908	7.908	0	%100
105	M107	X	-4.566	-4.566	0	%100
106	M107	Z	7.908	7.908	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	-4.41	-4.41	0	%100
110	M121	Z	7.639	7.639	0	%100
111	M122	X	-4.41	-4.41	0	%100
112	M122	Z	7.639	7.639	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	MPA3	X	-3.642	-3.642	0	%100
116	MPA3	Z	6.308	6.308	0	%100
117	M125	X	-.201	-.201	0	%100
118	M125	Z	.348	.348	0	%100
119	M126	X	-.201	-.201	0	%100
120	M126	Z	.348	.348	0	%100
121	M131	X	-.201	-.201	0	%100
122	M131	Z	.348	.348	0	%100
123	M132	X	-.201	-.201	0	%100
124	M132	Z	.348	.348	0	%100
125	MPC3	X	-3.642	-3.642	0	%100
126	MPC3	Z	6.308	6.308	0	%100
127	M138	X	-.201	-.201	0	%100
128	M138	Z	.348	.348	0	%100
129	M139	X	-.201	-.201	0	%100
130	M139	Z	.348	.348	0	%100
131	M144	X	-.201	-.201	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
132	M144	Z	.348	.348	0	%100
133	M145	X	-.201	-.201	0	%100
134	M145	Z	.348	.348	0	%100
135	MPB3	X	-3.642	-3.642	0	%100
136	MPB3	Z	6.308	6.308	0	%100
137	M151	X	-.804	-.804	0	%100
138	M151	Z	1.392	1.392	0	%100
139	M152	X	-.804	-.804	0	%100
140	M152	Z	1.392	1.392	0	%100
141	M157	X	-.804	-.804	0	%100
142	M157	Z	1.392	1.392	0	%100
143	M158	X	-.804	-.804	0	%100
144	M158	Z	1.392	1.392	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.085	-3.085	0	%100
2	M1	Z	1.781	1.781	0	%100
3	M4	X	-9.778	-9.778	0	%100
4	M4	Z	5.645	5.645	0	%100
5	M10	X	-2.758	-2.758	0	%100
6	M10	Z	1.592	1.592	0	%100
7	MP3A	X	-10.544	-10.544	0	%100
8	MP3A	Z	6.088	6.088	0	%100
9	MP4A	X	-8.71	-8.71	0	%100
10	MP4A	Z	5.029	5.029	0	%100
11	MP2A	X	-8.71	-8.71	0	%100
12	MP2A	Z	5.029	5.029	0	%100
13	MP1A	X	-8.71	-8.71	0	%100
14	MP1A	Z	5.029	5.029	0	%100
15	M43	X	-2.758	-2.758	0	%100
16	M43	Z	1.592	1.592	0	%100
17	M46	X	-5.501	-5.501	0	%100
18	M46	Z	3.176	3.176	0	%100
19	M51B	X	-12.219	-12.219	0	%100
20	M51B	Z	7.055	7.055	0	%100
21	M52B	X	-3.055	-3.055	0	%100
22	M52B	Z	1.764	1.764	0	%100
23	M76	X	-16.503	-16.503	0	%100
24	M76	Z	9.528	9.528	0	%100
25	M77	X	-22.412	-22.412	0	%100
26	M77	Z	12.94	12.94	0	%100
27	M80	X	-23.606	-23.606	0	%100
28	M80	Z	13.629	13.629	0	%100
29	M84	X	-16.503	-16.503	0	%100
30	M84	Z	9.528	9.528	0	%100
31	M85	X	-5.603	-5.603	0	%100
32	M85	Z	3.235	3.235	0	%100
33	M91	X	-5.902	-5.902	0	%100
34	M91	Z	3.407	3.407	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-11.032	-11.032	0	%100
38	M53	Z	6.369	6.369	0	%100
39	M54	X	-11.032	-11.032	0	%100
40	M54	Z	6.369	6.369	0	%100
41	M55	X	-22.005	-22.005	0	%100
42	M55	Z	12.704	12.704	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
43	M58A	X	-3.055	-3.055	0	%100
44	M58A	Z	1.764	1.764	0	%100
45	M59A	X	-3.055	-3.055	0	%100
46	M59A	Z	1.764	1.764	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-5.603	-5.603	0	%100
50	M64	Z	3.235	3.235	0	%100
51	M66	X	-5.902	-5.902	0	%100
52	M66	Z	3.407	3.407	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	-5.603	-5.603	0	%100
56	M69	Z	3.235	3.235	0	%100
57	M71	X	-5.902	-5.902	0	%100
58	M71	Z	3.407	3.407	0	%100
59	M76A	X	-9.778	-9.778	0	%100
60	M76A	Z	5.645	5.645	0	%100
61	M77A	X	-2.758	-2.758	0	%100
62	M77A	Z	1.592	1.592	0	%100
63	M78	X	-2.758	-2.758	0	%100
64	M78	Z	1.592	1.592	0	%100
65	M79A	X	-5.501	-5.501	0	%100
66	M79A	Z	3.176	3.176	0	%100
67	M82	X	-3.055	-3.055	0	%100
68	M82	Z	1.764	1.764	0	%100
69	M83A	X	-12.219	-12.219	0	%100
70	M83A	Z	7.055	7.055	0	%100
71	M87	X	-16.503	-16.503	0	%100
72	M87	Z	9.528	9.528	0	%100
73	M88A	X	-5.603	-5.603	0	%100
74	M88A	Z	3.235	3.235	0	%100
75	M90	X	-5.902	-5.902	0	%100
76	M90	Z	3.407	3.407	0	%100
77	M92A	X	-16.503	-16.503	0	%100
78	M92A	Z	9.528	9.528	0	%100
79	M93	X	-22.412	-22.412	0	%100
80	M93	Z	12.94	12.94	0	%100
81	M95	X	-23.606	-23.606	0	%100
82	M95	Z	13.629	13.629	0	%100
83	M82A	X	-12.339	-12.339	0	%100
84	M82A	Z	7.124	7.124	0	%100
85	M91B	X	-3.085	-3.085	0	%100
86	M91B	Z	1.781	1.781	0	%100
87	MP3C	X	-10.544	-10.544	0	%100
88	MP3C	Z	6.088	6.088	0	%100
89	MP4C	X	-8.71	-8.71	0	%100
90	MP4C	Z	5.029	5.029	0	%100
91	MP2C	X	-8.71	-8.71	0	%100
92	MP2C	Z	5.029	5.029	0	%100
93	MP1C	X	-8.71	-8.71	0	%100
94	MP1C	Z	5.029	5.029	0	%100
95	MP3B	X	-10.544	-10.544	0	%100
96	MP3B	Z	6.088	6.088	0	%100
97	MP4B	X	-8.71	-8.71	0	%100
98	MP4B	Z	5.029	5.029	0	%100
99	MP2B	X	-8.71	-8.71	0	%100
100	MP2B	Z	5.029	5.029	0	%100
101	MP1B	X	-8.71	-8.71	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
102	MP1B	Z	5.029	5.029	0	%100
103	M100	X	-2.636	-2.636	0	%100
104	M100	Z	1.522	1.522	0	%100
105	M107	X	-10.544	-10.544	0	%100
106	M107	Z	6.088	6.088	0	%100
107	M114	X	-2.636	-2.636	0	%100
108	M114	Z	1.522	1.522	0	%100
109	M121	X	-10.185	-10.185	0	%100
110	M121	Z	5.881	5.881	0	%100
111	M122	X	-2.546	-2.546	0	%100
112	M122	Z	1.47	1.47	0	%100
113	M123	X	-2.546	-2.546	0	%100
114	M123	Z	1.47	1.47	0	%100
115	MPA3	X	-6.308	-6.308	0	%100
116	MPA3	Z	3.642	3.642	0	%100
117	M125	X	-1.044	-1.044	0	%100
118	M125	Z	.603	.603	0	%100
119	M126	X	-1.044	-1.044	0	%100
120	M126	Z	.603	.603	0	%100
121	M131	X	-1.044	-1.044	0	%100
122	M131	Z	.603	.603	0	%100
123	M132	X	-1.044	-1.044	0	%100
124	M132	Z	.603	.603	0	%100
125	MPC3	X	-6.308	-6.308	0	%100
126	MPC3	Z	3.642	3.642	0	%100
127	M138	X	0	0	0	%100
128	M138	Z	0	0	0	%100
129	M139	X	0	0	0	%100
130	M139	Z	0	0	0	%100
131	M144	X	0	0	0	%100
132	M144	Z	0	0	0	%100
133	M145	X	0	0	0	%100
134	M145	Z	0	0	0	%100
135	MPB3	X	-6.308	-6.308	0	%100
136	MPB3	Z	3.642	3.642	0	%100
137	M151	X	-1.044	-1.044	0	%100
138	M151	Z	.603	.603	0	%100
139	M152	X	-1.044	-1.044	0	%100
140	M152	Z	.603	.603	0	%100
141	M157	X	-1.044	-1.044	0	%100
142	M157	Z	.603	.603	0	%100
143	M158	X	-1.044	-1.044	0	%100
144	M158	Z	.603	.603	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-15.055	-15.055	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	-12.175	-12.175	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-10.058	-10.058	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-10.058	-10.058	0	%100
12	MP2A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
13	MP1A	X	-10.058	-10.058	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	-10.582	-10.582	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-10.582	-10.582	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-25.409	-25.409	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-19.409	-19.409	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-20.444	-20.444	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-25.409	-25.409	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-19.409	-19.409	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-20.444	-20.444	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-3.764	-3.764	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-9.554	-9.554	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	-9.554	-9.554	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	-19.057	-19.057	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-10.582	-10.582	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	-6.352	-6.352	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-19.409	-19.409	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	-20.444	-20.444	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-6.352	-6.352	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	-3.764	-3.764	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-9.554	-9.554	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	-9.554	-9.554	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	-19.057	-19.057	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	-10.582	-10.582	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-6.352	-6.352	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	-6.352	-6.352	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-19.409	-19.409	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	-20.444	-20.444	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	-10.686	-10.686	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-10.686	-10.686	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	-12.175	-12.175	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	-10.058	-10.058	0	%100
90	MP4C	Z	0	0	0	%100
91	MP2C	X	-10.058	-10.058	0	%100
92	MP2C	Z	0	0	0	%100
93	MP1C	X	-10.058	-10.058	0	%100
94	MP1C	Z	0	0	0	%100
95	MP3B	X	-12.175	-12.175	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-10.058	-10.058	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-10.058	-10.058	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-10.058	-10.058	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M107	X	-9.131	-9.131	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	-9.131	-9.131	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	-8.821	-8.821	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-8.821	-8.821	0	%100
114	M123	Z	0	0	0	%100
115	MPA3	X	-7.283	-7.283	0	%100
116	MPA3	Z	0	0	0	%100
117	M125	X	-1.608	-1.608	0	%100
118	M125	Z	0	0	0	%100
119	M126	X	-1.608	-1.608	0	%100
120	M126	Z	0	0	0	%100
121	M131	X	-1.608	-1.608	0	%100
122	M131	Z	0	0	0	%100
123	M132	X	-1.608	-1.608	0	%100
124	M132	Z	0	0	0	%100
125	MPC3	X	-7.283	-7.283	0	%100
126	MPC3	Z	0	0	0	%100
127	M138	X	-.402	-.402	0	%100
128	M138	Z	0	0	0	%100
129	M139	X	-.402	-.402	0	%100
130	M139	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
131	M144	X	-.402	-.402	0	%100
132	M144	Z	0	0	0	%100
133	M145	X	-.402	-.402	0	%100
134	M145	Z	0	0	0	%100
135	MPB3	X	-7.283	-7.283	0	%100
136	MPB3	Z	0	0	0	%100
137	M151	X	-.402	-.402	0	%100
138	M151	Z	0	0	0	%100
139	M152	X	-.402	-.402	0	%100
140	M152	Z	0	0	0	%100
141	M157	X	-.402	-.402	0	%100
142	M157	Z	0	0	0	%100
143	M158	X	-.402	-.402	0	%100
144	M158	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.085	-3.085	0	%100
2	M1	Z	-1.781	-1.781	0	%100
3	M4	X	-9.778	-9.778	0	%100
4	M4	Z	-5.645	-5.645	0	%100
5	M10	X	-2.758	-2.758	0	%100
6	M10	Z	-1.592	-1.592	0	%100
7	MP3A	X	-10.544	-10.544	0	%100
8	MP3A	Z	-6.088	-6.088	0	%100
9	MP4A	X	-8.71	-8.71	0	%100
10	MP4A	Z	-5.029	-5.029	0	%100
11	MP2A	X	-8.71	-8.71	0	%100
12	MP2A	Z	-5.029	-5.029	0	%100
13	MP1A	X	-8.71	-8.71	0	%100
14	MP1A	Z	-5.029	-5.029	0	%100
15	M43	X	-2.758	-2.758	0	%100
16	M43	Z	-1.592	-1.592	0	%100
17	M46	X	-5.501	-5.501	0	%100
18	M46	Z	-3.176	-3.176	0	%100
19	M51B	X	-3.055	-3.055	0	%100
20	M51B	Z	-1.764	-1.764	0	%100
21	M52B	X	-12.219	-12.219	0	%100
22	M52B	Z	-7.055	-7.055	0	%100
23	M76	X	-16.503	-16.503	0	%100
24	M76	Z	-9.528	-9.528	0	%100
25	M77	X	-5.603	-5.603	0	%100
26	M77	Z	-3.235	-3.235	0	%100
27	M80	X	-5.902	-5.902	0	%100
28	M80	Z	-3.407	-3.407	0	%100
29	M84	X	-16.503	-16.503	0	%100
30	M84	Z	-9.528	-9.528	0	%100
31	M85	X	-22.412	-22.412	0	%100
32	M85	Z	-12.94	-12.94	0	%100
33	M91	X	-23.606	-23.606	0	%100
34	M91	Z	-13.629	-13.629	0	%100
35	M52A	X	-9.778	-9.778	0	%100
36	M52A	Z	-5.645	-5.645	0	%100
37	M53	X	-2.758	-2.758	0	%100
38	M53	Z	-1.592	-1.592	0	%100
39	M54	X	-2.758	-2.758	0	%100
40	M54	Z	-1.592	-1.592	0	%100
41	M55	X	-5.501	-5.501	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
42	M55	Z	-3.176	-3.176	0	%100
43	M58A	X	-12.219	-12.219	0	%100
44	M58A	Z	-7.055	-7.055	0	%100
45	M59A	X	-3.055	-3.055	0	%100
46	M59A	Z	-1.764	-1.764	0	%100
47	M63	X	-16.503	-16.503	0	%100
48	M63	Z	-9.528	-9.528	0	%100
49	M64	X	-22.412	-22.412	0	%100
50	M64	Z	-12.94	-12.94	0	%100
51	M66	X	-23.606	-23.606	0	%100
52	M66	Z	-13.629	-13.629	0	%100
53	M68	X	-16.503	-16.503	0	%100
54	M68	Z	-9.528	-9.528	0	%100
55	M69	X	-5.603	-5.603	0	%100
56	M69	Z	-3.235	-3.235	0	%100
57	M71	X	-5.902	-5.902	0	%100
58	M71	Z	-3.407	-3.407	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-11.032	-11.032	0	%100
62	M77A	Z	-6.369	-6.369	0	%100
63	M78	X	-11.032	-11.032	0	%100
64	M78	Z	-6.369	-6.369	0	%100
65	M79A	X	-22.005	-22.005	0	%100
66	M79A	Z	-12.704	-12.704	0	%100
67	M82	X	-3.055	-3.055	0	%100
68	M82	Z	-1.764	-1.764	0	%100
69	M83A	X	-3.055	-3.055	0	%100
70	M83A	Z	-1.764	-1.764	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	-5.603	-5.603	0	%100
74	M88A	Z	-3.235	-3.235	0	%100
75	M90	X	-5.902	-5.902	0	%100
76	M90	Z	-3.407	-3.407	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-5.603	-5.603	0	%100
80	M93	Z	-3.235	-3.235	0	%100
81	M95	X	-5.902	-5.902	0	%100
82	M95	Z	-3.407	-3.407	0	%100
83	M82A	X	-3.085	-3.085	0	%100
84	M82A	Z	-1.781	-1.781	0	%100
85	M91B	X	-12.339	-12.339	0	%100
86	M91B	Z	-7.124	-7.124	0	%100
87	MP3C	X	-10.544	-10.544	0	%100
88	MP3C	Z	-6.088	-6.088	0	%100
89	MP4C	X	-8.71	-8.71	0	%100
90	MP4C	Z	-5.029	-5.029	0	%100
91	MP2C	X	-8.71	-8.71	0	%100
92	MP2C	Z	-5.029	-5.029	0	%100
93	MP1C	X	-8.71	-8.71	0	%100
94	MP1C	Z	-5.029	-5.029	0	%100
95	MP3B	X	-10.544	-10.544	0	%100
96	MP3B	Z	-6.088	-6.088	0	%100
97	MP4B	X	-8.71	-8.71	0	%100
98	MP4B	Z	-5.029	-5.029	0	%100
99	MP2B	X	-8.71	-8.71	0	%100
100	MP2B	Z	-5.029	-5.029	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
101	MP1B	X	-8.71	-8.71	0	%100
102	MP1B	Z	-5.029	-5.029	0	%100
103	M100	X	-2.636	-2.636	0	%100
104	M100	Z	-1.522	-1.522	0	%100
105	M107	X	-2.636	-2.636	0	%100
106	M107	Z	-1.522	-1.522	0	%100
107	M114	X	-10.544	-10.544	0	%100
108	M114	Z	-6.088	-6.088	0	%100
109	M121	X	-2.546	-2.546	0	%100
110	M121	Z	-1.47	-1.47	0	%100
111	M122	X	-2.546	-2.546	0	%100
112	M122	Z	-1.47	-1.47	0	%100
113	M123	X	-10.185	-10.185	0	%100
114	M123	Z	-5.881	-5.881	0	%100
115	MPA3	X	-6.308	-6.308	0	%100
116	MPA3	Z	-3.642	-3.642	0	%100
117	M125	X	-1.044	-1.044	0	%100
118	M125	Z	-.603	-.603	0	%100
119	M126	X	-1.044	-1.044	0	%100
120	M126	Z	-.603	-.603	0	%100
121	M131	X	-1.044	-1.044	0	%100
122	M131	Z	-.603	-.603	0	%100
123	M132	X	-1.044	-1.044	0	%100
124	M132	Z	-.603	-.603	0	%100
125	MPC3	X	-6.308	-6.308	0	%100
126	MPC3	Z	-3.642	-3.642	0	%100
127	M138	X	-1.044	-1.044	0	%100
128	M138	Z	-.603	-.603	0	%100
129	M139	X	-1.044	-1.044	0	%100
130	M139	Z	-.603	-.603	0	%100
131	M144	X	-1.044	-1.044	0	%100
132	M144	Z	-.603	-.603	0	%100
133	M145	X	-1.044	-1.044	0	%100
134	M145	Z	-.603	-.603	0	%100
135	MPB3	X	-6.308	-6.308	0	%100
136	MPB3	Z	-3.642	-3.642	0	%100
137	M151	X	0	0	0	%100
138	M151	Z	0	0	0	%100
139	M152	X	0	0	0	%100
140	M152	Z	0	0	0	%100
141	M157	X	0	0	0	%100
142	M157	Z	0	0	0	%100
143	M158	X	0	0	0	%100
144	M158	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-5.343	-5.343	0	%100
2	M1	Z	-9.255	-9.255	0	%100
3	M4	X	-1.882	-1.882	0	%100
4	M4	Z	-3.259	-3.259	0	%100
5	M10	X	-4.777	-4.777	0	%100
6	M10	Z	-8.274	-8.274	0	%100
7	MP3A	X	-6.088	-6.088	0	%100
8	MP3A	Z	-10.544	-10.544	0	%100
9	MP4A	X	-5.029	-5.029	0	%100
10	MP4A	Z	-8.71	-8.71	0	%100
11	MP2A	X	-5.029	-5.029	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	-8.71	-8.71	0	%100
13	MP1A	X	-5.029	-5.029	0	%100
14	MP1A	Z	-8.71	-8.71	0	%100
15	M43	X	-4.777	-4.777	0	%100
16	M43	Z	-8.274	-8.274	0	%100
17	M46	X	-9.528	-9.528	0	%100
18	M46	Z	-16.503	-16.503	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-5.291	-5.291	0	%100
22	M52B	Z	-9.164	-9.164	0	%100
23	M76	X	-3.176	-3.176	0	%100
24	M76	Z	-5.501	-5.501	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	-3.176	-3.176	0	%100
30	M84	Z	-5.501	-5.501	0	%100
31	M85	X	-9.705	-9.705	0	%100
32	M85	Z	-16.809	-16.809	0	%100
33	M91	X	-10.222	-10.222	0	%100
34	M91	Z	-17.705	-17.705	0	%100
35	M52A	X	-7.527	-7.527	0	%100
36	M52A	Z	-13.038	-13.038	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-5.291	-5.291	0	%100
44	M58A	Z	-9.164	-9.164	0	%100
45	M59A	X	-5.291	-5.291	0	%100
46	M59A	Z	-9.164	-9.164	0	%100
47	M63	X	-12.704	-12.704	0	%100
48	M63	Z	-22.005	-22.005	0	%100
49	M64	X	-9.705	-9.705	0	%100
50	M64	Z	-16.809	-16.809	0	%100
51	M66	X	-10.222	-10.222	0	%100
52	M66	Z	-17.705	-17.705	0	%100
53	M68	X	-12.704	-12.704	0	%100
54	M68	Z	-22.005	-22.005	0	%100
55	M69	X	-9.705	-9.705	0	%100
56	M69	Z	-16.809	-16.809	0	%100
57	M71	X	-10.222	-10.222	0	%100
58	M71	Z	-17.705	-17.705	0	%100
59	M76A	X	-1.882	-1.882	0	%100
60	M76A	Z	-3.259	-3.259	0	%100
61	M77A	X	-4.777	-4.777	0	%100
62	M77A	Z	-8.274	-8.274	0	%100
63	M78	X	-4.777	-4.777	0	%100
64	M78	Z	-8.274	-8.274	0	%100
65	M79A	X	-9.528	-9.528	0	%100
66	M79A	Z	-16.503	-16.503	0	%100
67	M82	X	-5.291	-5.291	0	%100
68	M82	Z	-9.164	-9.164	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M87	X	-3.176	-3.176	0	%100
72	M87	Z	-5.501	-5.501	0	%100
73	M88A	X	-9.705	-9.705	0	%100
74	M88A	Z	-16.809	-16.809	0	%100
75	M90	X	-10.222	-10.222	0	%100
76	M90	Z	-17.705	-17.705	0	%100
77	M92A	X	-3.176	-3.176	0	%100
78	M92A	Z	-5.501	-5.501	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-5.343	-5.343	0	%100
86	M91B	Z	-9.255	-9.255	0	%100
87	MP3C	X	-6.088	-6.088	0	%100
88	MP3C	Z	-10.544	-10.544	0	%100
89	MP4C	X	-5.029	-5.029	0	%100
90	MP4C	Z	-8.71	-8.71	0	%100
91	MP2C	X	-5.029	-5.029	0	%100
92	MP2C	Z	-8.71	-8.71	0	%100
93	MP1C	X	-5.029	-5.029	0	%100
94	MP1C	Z	-8.71	-8.71	0	%100
95	MP3B	X	-6.088	-6.088	0	%100
96	MP3B	Z	-10.544	-10.544	0	%100
97	MP4B	X	-5.029	-5.029	0	%100
98	MP4B	Z	-8.71	-8.71	0	%100
99	MP2B	X	-5.029	-5.029	0	%100
100	MP2B	Z	-8.71	-8.71	0	%100
101	MP1B	X	-5.029	-5.029	0	%100
102	MP1B	Z	-8.71	-8.71	0	%100
103	M100	X	-4.566	-4.566	0	%100
104	M100	Z	-7.908	-7.908	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	-4.566	-4.566	0	%100
108	M114	Z	-7.908	-7.908	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-4.41	-4.41	0	%100
112	M122	Z	-7.639	-7.639	0	%100
113	M123	X	-4.41	-4.41	0	%100
114	M123	Z	-7.639	-7.639	0	%100
115	MPA3	X	-3.642	-3.642	0	%100
116	MPA3	Z	-6.308	-6.308	0	%100
117	M125	X	-.201	-.201	0	%100
118	M125	Z	-.348	-.348	0	%100
119	M126	X	-.201	-.201	0	%100
120	M126	Z	-.348	-.348	0	%100
121	M131	X	-.201	-.201	0	%100
122	M131	Z	-.348	-.348	0	%100
123	M132	X	-.201	-.201	0	%100
124	M132	Z	-.348	-.348	0	%100
125	MPC3	X	-3.642	-3.642	0	%100
126	MPC3	Z	-6.308	-6.308	0	%100
127	M138	X	-.804	-.804	0	%100
128	M138	Z	-1.392	-1.392	0	%100
129	M139	X	-.804	-.804	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
130	M139	Z	-1.392	-1.392	0	%100
131	M144	X	-.804	-.804	0	%100
132	M144	Z	-1.392	-1.392	0	%100
133	M145	X	-.804	-.804	0	%100
134	M145	Z	-1.392	-1.392	0	%100
135	MPB3	X	-3.642	-3.642	0	%100
136	MPB3	Z	-6.308	-6.308	0	%100
137	M151	X	-.201	-.201	0	%100
138	M151	Z	-.348	-.348	0	%100
139	M152	X	-.201	-.201	0	%100
140	M152	Z	-.348	-.348	0	%100
141	M157	X	-.201	-.201	0	%100
142	M157	Z	-.348	-.348	0	%100
143	M158	X	-.201	-.201	0	%100
144	M158	Z	-.348	-.348	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-4.27	-4.27	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	-3.511	-3.511	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-3.811	-3.811	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-3.443	-3.443	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-3.443	-3.443	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-3.443	-3.443	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-3.511	-3.511	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-5.491	-5.491	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-1.01	-1.01	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-1.01	-1.01	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	-1.371	-1.371	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-1.431	-1.431	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	-1.371	-1.371	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-1.431	-1.431	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	-3.233	-3.233	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	-.878	-.878	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	-.878	-.878	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
41	M55	X	0	0	0	%100
42	M55	Z	-1.373	-1.373	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	-1.01	-1.01	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	-4.041	-4.041	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	-4.051	-4.051	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	-1.371	-1.371	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	-1.431	-1.431	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	-4.051	-4.051	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	-5.483	-5.483	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	-5.722	-5.722	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	-3.233	-3.233	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	-.878	-.878	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	-.878	-.878	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	-1.373	-1.373	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-4.041	-4.041	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	-1.01	-1.01	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	-4.051	-4.051	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	-5.483	-5.483	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	-5.722	-5.722	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	-4.051	-4.051	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	-1.371	-1.371	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	-1.431	-1.431	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	-1.068	-1.068	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	-1.068	-1.068	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-3.811	-3.811	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-3.443	-3.443	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-3.443	-3.443	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	-3.443	-3.443	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-3.811	-3.811	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-3.443	-3.443	0	%100
99	MP2B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
100	MP2B	Z	-3.443	-3.443	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-3.443	-3.443	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	-3.811	-3.811	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	-.953	-.953	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	-.953	-.953	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-.785	-.785	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-3.14	-3.14	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-.785	-.785	0	%100
115	MPA3	X	0	0	0	%100
116	MPA3	Z	-2.503	-2.503	0	%100
117	M125	X	0	0	0	%100
118	M125	Z	0	0	0	%100
119	M126	X	0	0	0	%100
120	M126	Z	0	0	0	%100
121	M131	X	0	0	0	%100
122	M131	Z	0	0	0	%100
123	M132	X	0	0	0	%100
124	M132	Z	0	0	0	%100
125	MPC3	X	0	0	0	%100
126	MPC3	Z	-2.503	-2.503	0	%100
127	M138	X	0	0	0	%100
128	M138	Z	-.954	-.954	0	%100
129	M139	X	0	0	0	%100
130	M139	Z	-.954	-.954	0	%100
131	M144	X	0	0	0	%100
132	M144	Z	-.954	-.954	0	%100
133	M145	X	0	0	0	%100
134	M145	Z	-.954	-.954	0	%100
135	MPB3	X	0	0	0	%100
136	MPB3	Z	-2.503	-2.503	0	%100
137	M151	X	0	0	0	%100
138	M151	Z	-.954	-.954	0	%100
139	M152	X	0	0	0	%100
140	M152	Z	-.954	-.954	0	%100
141	M157	X	0	0	0	%100
142	M157	Z	-.954	-.954	0	%100
143	M158	X	0	0	0	%100
144	M158	Z	-.954	-.954	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.601	1.601	0	%100
2	M1	Z	-2.774	-2.774	0	%100
3	M4	X	.539	.539	0	%100
4	M4	Z	-.933	-.933	0	%100
5	M10	X	1.317	1.317	0	%100
6	M10	Z	-2.281	-2.281	0	%100
7	MP3A	X	1.905	1.905	0	%100
8	MP3A	Z	-3.3	-3.3	0	%100
9	MP4A	X	1.722	1.722	0	%100
10	MP4A	Z	-2.982	-2.982	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
11	MP2A	X	1.722	1.722	0	%100
12	MP2A	Z	-2.982	-2.982	0	%100
13	MP1A	X	1.722	1.722	0	%100
14	MP1A	Z	-2.982	-2.982	0	%100
15	M43	X	1.317	1.317	0	%100
16	M43	Z	-2.281	-2.281	0	%100
17	M46	X	2.059	2.059	0	%100
18	M46	Z	-3.567	-3.567	0	%100
19	M51B	X	1.515	1.515	0	%100
20	M51B	Z	-2.625	-2.625	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.675	.675	0	%100
24	M76	Z	-1.169	-1.169	0	%100
25	M77	X	2.056	2.056	0	%100
26	M77	Z	-3.561	-3.561	0	%100
27	M80	X	2.146	2.146	0	%100
28	M80	Z	-3.717	-3.717	0	%100
29	M84	X	.675	.675	0	%100
30	M84	Z	-1.169	-1.169	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	M52A	X	.539	.539	0	%100
36	M52A	Z	-.933	-.933	0	%100
37	M53	X	1.317	1.317	0	%100
38	M53	Z	-2.281	-2.281	0	%100
39	M54	X	1.317	1.317	0	%100
40	M54	Z	-2.281	-2.281	0	%100
41	M55	X	2.059	2.059	0	%100
42	M55	Z	-3.567	-3.567	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	1.515	1.515	0	%100
46	M59A	Z	-2.625	-2.625	0	%100
47	M63	X	.675	.675	0	%100
48	M63	Z	-1.169	-1.169	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	.675	.675	0	%100
54	M68	Z	-1.169	-1.169	0	%100
55	M69	X	2.056	2.056	0	%100
56	M69	Z	-3.561	-3.561	0	%100
57	M71	X	2.146	2.146	0	%100
58	M71	Z	-3.717	-3.717	0	%100
59	M76A	X	2.155	2.155	0	%100
60	M76A	Z	-3.733	-3.733	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	1.515	1.515	0	%100
68	M82	Z	-2.625	-2.625	0	%100
69	M83A	X	1.515	1.515	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
70	M83A	Z	-2.625	-2.625	0	%100
71	M87	X	2.701	2.701	0	%100
72	M87	Z	-4.678	-4.678	0	%100
73	M88A	X	2.056	2.056	0	%100
74	M88A	Z	-3.561	-3.561	0	%100
75	M90	X	2.146	2.146	0	%100
76	M90	Z	-3.717	-3.717	0	%100
77	M92A	X	2.701	2.701	0	%100
78	M92A	Z	-4.678	-4.678	0	%100
79	M93	X	2.056	2.056	0	%100
80	M93	Z	-3.561	-3.561	0	%100
81	M95	X	2.146	2.146	0	%100
82	M95	Z	-3.717	-3.717	0	%100
83	M82A	X	1.601	1.601	0	%100
84	M82A	Z	-2.774	-2.774	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	1.905	1.905	0	%100
88	MP3C	Z	-3.3	-3.3	0	%100
89	MP4C	X	1.722	1.722	0	%100
90	MP4C	Z	-2.982	-2.982	0	%100
91	MP2C	X	1.722	1.722	0	%100
92	MP2C	Z	-2.982	-2.982	0	%100
93	MP1C	X	1.722	1.722	0	%100
94	MP1C	Z	-2.982	-2.982	0	%100
95	MP3B	X	1.905	1.905	0	%100
96	MP3B	Z	-3.3	-3.3	0	%100
97	MP4B	X	1.722	1.722	0	%100
98	MP4B	Z	-2.982	-2.982	0	%100
99	MP2B	X	1.722	1.722	0	%100
100	MP2B	Z	-2.982	-2.982	0	%100
101	MP1B	X	1.722	1.722	0	%100
102	MP1B	Z	-2.982	-2.982	0	%100
103	M100	X	1.429	1.429	0	%100
104	M100	Z	-2.475	-2.475	0	%100
105	M107	X	1.429	1.429	0	%100
106	M107	Z	-2.475	-2.475	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	1.178	1.178	0	%100
110	M121	Z	-2.04	-2.04	0	%100
111	M122	X	1.178	1.178	0	%100
112	M122	Z	-2.04	-2.04	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	MPA3	X	1.251	1.251	0	%100
116	MPA3	Z	-2.167	-2.167	0	%100
117	M125	X	.159	.159	0	%100
118	M125	Z	-.275	-.275	0	%100
119	M126	X	.159	.159	0	%100
120	M126	Z	-.275	-.275	0	%100
121	M131	X	.159	.159	0	%100
122	M131	Z	-.275	-.275	0	%100
123	M132	X	.159	.159	0	%100
124	M132	Z	-.275	-.275	0	%100
125	MPC3	X	1.251	1.251	0	%100
126	MPC3	Z	-2.167	-2.167	0	%100
127	M138	X	.159	.159	0	%100
128	M138	Z	-.275	-.275	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
129	M139	X	.159	.159	0	%100
130	M139	Z	-.275	-.275	0	%100
131	M144	X	.159	.159	0	%100
132	M144	Z	-.275	-.275	0	%100
133	M145	X	.159	.159	0	%100
134	M145	Z	-.275	-.275	0	%100
135	MPB3	X	1.251	1.251	0	%100
136	MPB3	Z	-2.167	-2.167	0	%100
137	M151	X	.636	.636	0	%100
138	M151	Z	-1.102	-1.102	0	%100
139	M152	X	.636	.636	0	%100
140	M152	Z	-1.102	-1.102	0	%100
141	M157	X	.636	.636	0	%100
142	M157	Z	-1.102	-1.102	0	%100
143	M158	X	.636	.636	0	%100
144	M158	Z	-1.102	-1.102	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.925	.925	0	%100
2	M1	Z	-.534	-.534	0	%100
3	M4	X	2.8	2.8	0	%100
4	M4	Z	-1.617	-1.617	0	%100
5	M10	X	.76	.76	0	%100
6	M10	Z	-.439	-.439	0	%100
7	MP3A	X	3.3	3.3	0	%100
8	MP3A	Z	-1.905	-1.905	0	%100
9	MP4A	X	2.982	2.982	0	%100
10	MP4A	Z	-1.722	-1.722	0	%100
11	MP2A	X	2.982	2.982	0	%100
12	MP2A	Z	-1.722	-1.722	0	%100
13	MP1A	X	2.982	2.982	0	%100
14	MP1A	Z	-1.722	-1.722	0	%100
15	M43	X	.76	.76	0	%100
16	M43	Z	-.439	-.439	0	%100
17	M46	X	1.189	1.189	0	%100
18	M46	Z	-.686	-.686	0	%100
19	M51B	X	3.5	3.5	0	%100
20	M51B	Z	-2.02	-2.02	0	%100
21	M52B	X	.875	.875	0	%100
22	M52B	Z	-.505	-.505	0	%100
23	M76	X	3.508	3.508	0	%100
24	M76	Z	-2.025	-2.025	0	%100
25	M77	X	4.748	4.748	0	%100
26	M77	Z	-2.741	-2.741	0	%100
27	M80	X	4.956	4.956	0	%100
28	M80	Z	-2.861	-2.861	0	%100
29	M84	X	3.508	3.508	0	%100
30	M84	Z	-2.025	-2.025	0	%100
31	M85	X	1.187	1.187	0	%100
32	M85	Z	-.685	-.685	0	%100
33	M91	X	1.239	1.239	0	%100
34	M91	Z	-.715	-.715	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	3.041	3.041	0	%100
38	M53	Z	-1.756	-1.756	0	%100
39	M54	X	3.041	3.041	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
40	M54	Z	-1.756	-1.756	0	%100
41	M55	X	4.756	4.756	0	%100
42	M55	Z	-2.746	-2.746	0	%100
43	M58A	X	.875	.875	0	%100
44	M58A	Z	-.505	-.505	0	%100
45	M59A	X	.875	.875	0	%100
46	M59A	Z	-.505	-.505	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	1.187	1.187	0	%100
50	M64	Z	-.685	-.685	0	%100
51	M66	X	1.239	1.239	0	%100
52	M66	Z	-.715	-.715	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	1.187	1.187	0	%100
56	M69	Z	-.685	-.685	0	%100
57	M71	X	1.239	1.239	0	%100
58	M71	Z	-.715	-.715	0	%100
59	M76A	X	2.8	2.8	0	%100
60	M76A	Z	-1.617	-1.617	0	%100
61	M77A	X	.76	.76	0	%100
62	M77A	Z	-.439	-.439	0	%100
63	M78	X	.76	.76	0	%100
64	M78	Z	-.439	-.439	0	%100
65	M79A	X	1.189	1.189	0	%100
66	M79A	Z	-.686	-.686	0	%100
67	M82	X	.875	.875	0	%100
68	M82	Z	-.505	-.505	0	%100
69	M83A	X	3.5	3.5	0	%100
70	M83A	Z	-2.02	-2.02	0	%100
71	M87	X	3.508	3.508	0	%100
72	M87	Z	-2.025	-2.025	0	%100
73	M88A	X	1.187	1.187	0	%100
74	M88A	Z	-.685	-.685	0	%100
75	M90	X	1.239	1.239	0	%100
76	M90	Z	-.715	-.715	0	%100
77	M92A	X	3.508	3.508	0	%100
78	M92A	Z	-2.025	-2.025	0	%100
79	M93	X	4.748	4.748	0	%100
80	M93	Z	-2.741	-2.741	0	%100
81	M95	X	4.956	4.956	0	%100
82	M95	Z	-2.861	-2.861	0	%100
83	M82A	X	3.698	3.698	0	%100
84	M82A	Z	-2.135	-2.135	0	%100
85	M91B	X	.925	.925	0	%100
86	M91B	Z	-.534	-.534	0	%100
87	MP3C	X	3.3	3.3	0	%100
88	MP3C	Z	-1.905	-1.905	0	%100
89	MP4C	X	2.982	2.982	0	%100
90	MP4C	Z	-1.722	-1.722	0	%100
91	MP2C	X	2.982	2.982	0	%100
92	MP2C	Z	-1.722	-1.722	0	%100
93	MP1C	X	2.982	2.982	0	%100
94	MP1C	Z	-1.722	-1.722	0	%100
95	MP3B	X	3.3	3.3	0	%100
96	MP3B	Z	-1.905	-1.905	0	%100
97	MP4B	X	2.982	2.982	0	%100
98	MP4B	Z	-1.722	-1.722	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
99	MP2B	X	2.982	2.982	0	%100
100	MP2B	Z	-1.722	-1.722	0	%100
101	MP1B	X	2.982	2.982	0	%100
102	MP1B	Z	-1.722	-1.722	0	%100
103	M100	X	.825	.825	0	%100
104	M100	Z	-.476	-.476	0	%100
105	M107	X	3.3	3.3	0	%100
106	M107	Z	-1.905	-1.905	0	%100
107	M114	X	.825	.825	0	%100
108	M114	Z	-.476	-.476	0	%100
109	M121	X	2.72	2.72	0	%100
110	M121	Z	-1.57	-1.57	0	%100
111	M122	X	.68	.68	0	%100
112	M122	Z	-.393	-.393	0	%100
113	M123	X	.68	.68	0	%100
114	M123	Z	-.393	-.393	0	%100
115	MPA3	X	2.167	2.167	0	%100
116	MPA3	Z	-1.251	-1.251	0	%100
117	M125	X	.826	.826	0	%100
118	M125	Z	-.477	-.477	0	%100
119	M126	X	.826	.826	0	%100
120	M126	Z	-.477	-.477	0	%100
121	M131	X	.826	.826	0	%100
122	M131	Z	-.477	-.477	0	%100
123	M132	X	.826	.826	0	%100
124	M132	Z	-.477	-.477	0	%100
125	MPC3	X	2.167	2.167	0	%100
126	MPC3	Z	-1.251	-1.251	0	%100
127	M138	X	0	0	0	%100
128	M138	Z	0	0	0	%100
129	M139	X	0	0	0	%100
130	M139	Z	0	0	0	%100
131	M144	X	0	0	0	%100
132	M144	Z	0	0	0	%100
133	M145	X	0	0	0	%100
134	M145	Z	0	0	0	%100
135	MPB3	X	2.167	2.167	0	%100
136	MPB3	Z	-1.251	-1.251	0	%100
137	M151	X	.826	.826	0	%100
138	M151	Z	-.477	-.477	0	%100
139	M152	X	.826	.826	0	%100
140	M152	Z	-.477	-.477	0	%100
141	M157	X	.826	.826	0	%100
142	M157	Z	-.477	-.477	0	%100
143	M158	X	.826	.826	0	%100
144	M158	Z	-.477	-.477	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	4.311	4.311	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	3.811	3.811	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	3.443	3.443	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
10	MP4A	Z	0	0	0	%100
11	MP2A	X	3.443	3.443	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	3.443	3.443	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	3.031	3.031	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	3.031	3.031	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	5.401	5.401	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	4.112	4.112	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	4.292	4.292	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	5.401	5.401	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	4.112	4.112	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	4.292	4.292	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	1.078	1.078	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	2.633	2.633	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	2.633	2.633	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	4.118	4.118	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	3.031	3.031	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	1.35	1.35	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	4.112	4.112	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	4.292	4.292	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	1.35	1.35	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	1.078	1.078	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	2.633	2.633	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	2.633	2.633	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	4.118	4.118	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
69	M83A	X	3.031	3.031	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	1.35	1.35	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	1.35	1.35	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	4.112	4.112	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	4.292	4.292	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	3.203	3.203	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	3.203	3.203	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	3.811	3.811	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	3.443	3.443	0	%100
90	MP4C	Z	0	0	0	%100
91	MP2C	X	3.443	3.443	0	%100
92	MP2C	Z	0	0	0	%100
93	MP1C	X	3.443	3.443	0	%100
94	MP1C	Z	0	0	0	%100
95	MP3B	X	3.811	3.811	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	3.443	3.443	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	3.443	3.443	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	3.443	3.443	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M107	X	2.858	2.858	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	2.858	2.858	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	2.355	2.355	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	2.355	2.355	0	%100
114	M123	Z	0	0	0	%100
115	MPA3	X	2.503	2.503	0	%100
116	MPA3	Z	0	0	0	%100
117	M125	X	1.272	1.272	0	%100
118	M125	Z	0	0	0	%100
119	M126	X	1.272	1.272	0	%100
120	M126	Z	0	0	0	%100
121	M131	X	1.272	1.272	0	%100
122	M131	Z	0	0	0	%100
123	M132	X	1.272	1.272	0	%100
124	M132	Z	0	0	0	%100
125	MPC3	X	2.503	2.503	0	%100
126	MPC3	Z	0	0	0	%100
127	M138	X	.318	.318	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
128	M138	Z	0	0	0	%100
129	M139	X	.318	.318	0	%100
130	M139	Z	0	0	0	%100
131	M144	X	.318	.318	0	%100
132	M144	Z	0	0	0	%100
133	M145	X	.318	.318	0	%100
134	M145	Z	0	0	0	%100
135	MPB3	X	2.503	2.503	0	%100
136	MPB3	Z	0	0	0	%100
137	M151	X	.318	.318	0	%100
138	M151	Z	0	0	0	%100
139	M152	X	.318	.318	0	%100
140	M152	Z	0	0	0	%100
141	M157	X	.318	.318	0	%100
142	M157	Z	0	0	0	%100
143	M158	X	.318	.318	0	%100
144	M158	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.925	.925	0	%100
2	M1	Z	.534	.534	0	%100
3	M4	X	2.8	2.8	0	%100
4	M4	Z	1.617	1.617	0	%100
5	M10	X	.76	.76	0	%100
6	M10	Z	.439	.439	0	%100
7	MP3A	X	3.3	3.3	0	%100
8	MP3A	Z	1.905	1.905	0	%100
9	MP4A	X	2.982	2.982	0	%100
10	MP4A	Z	1.722	1.722	0	%100
11	MP2A	X	2.982	2.982	0	%100
12	MP2A	Z	1.722	1.722	0	%100
13	MP1A	X	2.982	2.982	0	%100
14	MP1A	Z	1.722	1.722	0	%100
15	M43	X	.76	.76	0	%100
16	M43	Z	.439	.439	0	%100
17	M46	X	1.189	1.189	0	%100
18	M46	Z	.686	.686	0	%100
19	M51B	X	.875	.875	0	%100
20	M51B	Z	.505	.505	0	%100
21	M52B	X	3.5	3.5	0	%100
22	M52B	Z	2.02	2.02	0	%100
23	M76	X	3.508	3.508	0	%100
24	M76	Z	2.025	2.025	0	%100
25	M77	X	1.187	1.187	0	%100
26	M77	Z	.685	.685	0	%100
27	M80	X	1.239	1.239	0	%100
28	M80	Z	.715	.715	0	%100
29	M84	X	3.508	3.508	0	%100
30	M84	Z	2.025	2.025	0	%100
31	M85	X	4.748	4.748	0	%100
32	M85	Z	2.741	2.741	0	%100
33	M91	X	4.956	4.956	0	%100
34	M91	Z	2.861	2.861	0	%100
35	M52A	X	2.8	2.8	0	%100
36	M52A	Z	1.617	1.617	0	%100
37	M53	X	.76	.76	0	%100
38	M53	Z	.439	.439	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
39	M54	X	.76	.76	0	%100
40	M54	Z	.439	.439	0	%100
41	M55	X	1.189	1.189	0	%100
42	M55	Z	.686	.686	0	%100
43	M58A	X	3.5	3.5	0	%100
44	M58A	Z	2.02	2.02	0	%100
45	M59A	X	.875	.875	0	%100
46	M59A	Z	.505	.505	0	%100
47	M63	X	3.508	3.508	0	%100
48	M63	Z	2.025	2.025	0	%100
49	M64	X	4.748	4.748	0	%100
50	M64	Z	2.741	2.741	0	%100
51	M66	X	4.956	4.956	0	%100
52	M66	Z	2.861	2.861	0	%100
53	M68	X	3.508	3.508	0	%100
54	M68	Z	2.025	2.025	0	%100
55	M69	X	1.187	1.187	0	%100
56	M69	Z	.685	.685	0	%100
57	M71	X	1.239	1.239	0	%100
58	M71	Z	.715	.715	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	3.041	3.041	0	%100
62	M77A	Z	1.756	1.756	0	%100
63	M78	X	3.041	3.041	0	%100
64	M78	Z	1.756	1.756	0	%100
65	M79A	X	4.756	4.756	0	%100
66	M79A	Z	2.746	2.746	0	%100
67	M82	X	.875	.875	0	%100
68	M82	Z	.505	.505	0	%100
69	M83A	X	.875	.875	0	%100
70	M83A	Z	.505	.505	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	1.187	1.187	0	%100
74	M88A	Z	.685	.685	0	%100
75	M90	X	1.239	1.239	0	%100
76	M90	Z	.715	.715	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	1.187	1.187	0	%100
80	M93	Z	.685	.685	0	%100
81	M95	X	1.239	1.239	0	%100
82	M95	Z	.715	.715	0	%100
83	M82A	X	.925	.925	0	%100
84	M82A	Z	.534	.534	0	%100
85	M91B	X	3.698	3.698	0	%100
86	M91B	Z	2.135	2.135	0	%100
87	MP3C	X	3.3	3.3	0	%100
88	MP3C	Z	1.905	1.905	0	%100
89	MP4C	X	2.982	2.982	0	%100
90	MP4C	Z	1.722	1.722	0	%100
91	MP2C	X	2.982	2.982	0	%100
92	MP2C	Z	1.722	1.722	0	%100
93	MP1C	X	2.982	2.982	0	%100
94	MP1C	Z	1.722	1.722	0	%100
95	MP3B	X	3.3	3.3	0	%100
96	MP3B	Z	1.905	1.905	0	%100
97	MP4B	X	2.982	2.982	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
98	MP4B	Z	1.722	1.722	0	%100
99	MP2B	X	2.982	2.982	0	%100
100	MP2B	Z	1.722	1.722	0	%100
101	MP1B	X	2.982	2.982	0	%100
102	MP1B	Z	1.722	1.722	0	%100
103	M100	X	.825	.825	0	%100
104	M100	Z	.476	.476	0	%100
105	M107	X	.825	.825	0	%100
106	M107	Z	.476	.476	0	%100
107	M114	X	3.3	3.3	0	%100
108	M114	Z	1.905	1.905	0	%100
109	M121	X	.68	.68	0	%100
110	M121	Z	.393	.393	0	%100
111	M122	X	.68	.68	0	%100
112	M122	Z	.393	.393	0	%100
113	M123	X	2.72	2.72	0	%100
114	M123	Z	1.57	1.57	0	%100
115	MPA3	X	2.167	2.167	0	%100
116	MPA3	Z	1.251	1.251	0	%100
117	M125	X	.826	.826	0	%100
118	M125	Z	.477	.477	0	%100
119	M126	X	.826	.826	0	%100
120	M126	Z	.477	.477	0	%100
121	M131	X	.826	.826	0	%100
122	M131	Z	.477	.477	0	%100
123	M132	X	.826	.826	0	%100
124	M132	Z	.477	.477	0	%100
125	MPC3	X	2.167	2.167	0	%100
126	MPC3	Z	1.251	1.251	0	%100
127	M138	X	.826	.826	0	%100
128	M138	Z	.477	.477	0	%100
129	M139	X	.826	.826	0	%100
130	M139	Z	.477	.477	0	%100
131	M144	X	.826	.826	0	%100
132	M144	Z	.477	.477	0	%100
133	M145	X	.826	.826	0	%100
134	M145	Z	.477	.477	0	%100
135	MPB3	X	2.167	2.167	0	%100
136	MPB3	Z	1.251	1.251	0	%100
137	M151	X	0	0	0	%100
138	M151	Z	0	0	0	%100
139	M152	X	0	0	0	%100
140	M152	Z	0	0	0	%100
141	M157	X	0	0	0	%100
142	M157	Z	0	0	0	%100
143	M158	X	0	0	0	%100
144	M158	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.601	1.601	0	%100
2	M1	Z	2.774	2.774	0	%100
3	M4	X	.539	.539	0	%100
4	M4	Z	.933	.933	0	%100
5	M10	X	1.317	1.317	0	%100
6	M10	Z	2.281	2.281	0	%100
7	MP3A	X	1.905	1.905	0	%100
8	MP3A	Z	3.3	3.3	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
9	MP4A	X	1.722	1.722	0	%100
10	MP4A	Z	2.982	2.982	0	%100
11	MP2A	X	1.722	1.722	0	%100
12	MP2A	Z	2.982	2.982	0	%100
13	MP1A	X	1.722	1.722	0	%100
14	MP1A	Z	2.982	2.982	0	%100
15	M43	X	1.317	1.317	0	%100
16	M43	Z	2.281	2.281	0	%100
17	M46	X	2.059	2.059	0	%100
18	M46	Z	3.567	3.567	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	1.515	1.515	0	%100
22	M52B	Z	2.625	2.625	0	%100
23	M76	X	.675	.675	0	%100
24	M76	Z	1.169	1.169	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	.675	.675	0	%100
30	M84	Z	1.169	1.169	0	%100
31	M85	X	2.056	2.056	0	%100
32	M85	Z	3.561	3.561	0	%100
33	M91	X	2.146	2.146	0	%100
34	M91	Z	3.717	3.717	0	%100
35	M52A	X	2.155	2.155	0	%100
36	M52A	Z	3.733	3.733	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	1.515	1.515	0	%100
44	M58A	Z	2.625	2.625	0	%100
45	M59A	X	1.515	1.515	0	%100
46	M59A	Z	2.625	2.625	0	%100
47	M63	X	2.701	2.701	0	%100
48	M63	Z	4.678	4.678	0	%100
49	M64	X	2.056	2.056	0	%100
50	M64	Z	3.561	3.561	0	%100
51	M66	X	2.146	2.146	0	%100
52	M66	Z	3.717	3.717	0	%100
53	M68	X	2.701	2.701	0	%100
54	M68	Z	4.678	4.678	0	%100
55	M69	X	2.056	2.056	0	%100
56	M69	Z	3.561	3.561	0	%100
57	M71	X	2.146	2.146	0	%100
58	M71	Z	3.717	3.717	0	%100
59	M76A	X	.539	.539	0	%100
60	M76A	Z	.933	.933	0	%100
61	M77A	X	1.317	1.317	0	%100
62	M77A	Z	2.281	2.281	0	%100
63	M78	X	1.317	1.317	0	%100
64	M78	Z	2.281	2.281	0	%100
65	M79A	X	2.059	2.059	0	%100
66	M79A	Z	3.567	3.567	0	%100
67	M82	X	1.515	1.515	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
68	M82	Z	2.625	2.625	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	.675	.675	0	%100
72	M87	Z	1.169	1.169	0	%100
73	M88A	X	2.056	2.056	0	%100
74	M88A	Z	3.561	3.561	0	%100
75	M90	X	2.146	2.146	0	%100
76	M90	Z	3.717	3.717	0	%100
77	M92A	X	.675	.675	0	%100
78	M92A	Z	1.169	1.169	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	1.601	1.601	0	%100
86	M91B	Z	2.774	2.774	0	%100
87	MP3C	X	1.905	1.905	0	%100
88	MP3C	Z	3.3	3.3	0	%100
89	MP4C	X	1.722	1.722	0	%100
90	MP4C	Z	2.982	2.982	0	%100
91	MP2C	X	1.722	1.722	0	%100
92	MP2C	Z	2.982	2.982	0	%100
93	MP1C	X	1.722	1.722	0	%100
94	MP1C	Z	2.982	2.982	0	%100
95	MP3B	X	1.905	1.905	0	%100
96	MP3B	Z	3.3	3.3	0	%100
97	MP4B	X	1.722	1.722	0	%100
98	MP4B	Z	2.982	2.982	0	%100
99	MP2B	X	1.722	1.722	0	%100
100	MP2B	Z	2.982	2.982	0	%100
101	MP1B	X	1.722	1.722	0	%100
102	MP1B	Z	2.982	2.982	0	%100
103	M100	X	1.429	1.429	0	%100
104	M100	Z	2.475	2.475	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	1.429	1.429	0	%100
108	M114	Z	2.475	2.475	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	1.178	1.178	0	%100
112	M122	Z	2.04	2.04	0	%100
113	M123	X	1.178	1.178	0	%100
114	M123	Z	2.04	2.04	0	%100
115	MPA3	X	1.251	1.251	0	%100
116	MPA3	Z	2.167	2.167	0	%100
117	M125	X	.159	.159	0	%100
118	M125	Z	.275	.275	0	%100
119	M126	X	.159	.159	0	%100
120	M126	Z	.275	.275	0	%100
121	M131	X	.159	.159	0	%100
122	M131	Z	.275	.275	0	%100
123	M132	X	.159	.159	0	%100
124	M132	Z	.275	.275	0	%100
125	MPC3	X	1.251	1.251	0	%100
126	MPC3	Z	2.167	2.167	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
127	M138	X	.636	.636	0	%100
128	M138	Z	1.102	1.102	0	%100
129	M139	X	.636	.636	0	%100
130	M139	Z	1.102	1.102	0	%100
131	M144	X	.636	.636	0	%100
132	M144	Z	1.102	1.102	0	%100
133	M145	X	.636	.636	0	%100
134	M145	Z	1.102	1.102	0	%100
135	MPB3	X	1.251	1.251	0	%100
136	MPB3	Z	2.167	2.167	0	%100
137	M151	X	.159	.159	0	%100
138	M151	Z	.275	.275	0	%100
139	M152	X	.159	.159	0	%100
140	M152	Z	.275	.275	0	%100
141	M157	X	.159	.159	0	%100
142	M157	Z	.275	.275	0	%100
143	M158	X	.159	.159	0	%100
144	M158	Z	.275	.275	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	4.27	4.27	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	3.511	3.511	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	3.811	3.811	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	3.443	3.443	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	3.443	3.443	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	3.443	3.443	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	3.511	3.511	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	5.491	5.491	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	1.01	1.01	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	1.01	1.01	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	1.371	1.371	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	1.431	1.431	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	1.371	1.371	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	1.431	1.431	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	3.233	3.233	0	%100
37	M53	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
38	M53	Z	.878	.878	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	.878	.878	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	1.373	1.373	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	1.01	1.01	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	4.041	4.041	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	4.051	4.051	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	1.371	1.371	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	1.431	1.431	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	4.051	4.051	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	5.483	5.483	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	5.722	5.722	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	3.233	3.233	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	.878	.878	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	.878	.878	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	1.373	1.373	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	4.041	4.041	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	1.01	1.01	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	4.051	4.051	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	5.483	5.483	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	5.722	5.722	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	4.051	4.051	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	1.371	1.371	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	1.431	1.431	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	1.068	1.068	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	1.068	1.068	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	3.811	3.811	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	3.443	3.443	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	3.443	3.443	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	3.443	3.443	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	3.811	3.811	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
97	MP4B	X	0	0	0	%100
98	MP4B	Z	3.443	3.443	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	3.443	3.443	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	3.443	3.443	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	3.811	3.811	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	.953	.953	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	.953	.953	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	.785	.785	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	3.14	3.14	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	.785	.785	0	%100
115	MPA3	X	0	0	0	%100
116	MPA3	Z	2.503	2.503	0	%100
117	M125	X	0	0	0	%100
118	M125	Z	0	0	0	%100
119	M126	X	0	0	0	%100
120	M126	Z	0	0	0	%100
121	M131	X	0	0	0	%100
122	M131	Z	0	0	0	%100
123	M132	X	0	0	0	%100
124	M132	Z	0	0	0	%100
125	MPC3	X	0	0	0	%100
126	MPC3	Z	2.503	2.503	0	%100
127	M138	X	0	0	0	%100
128	M138	Z	.954	.954	0	%100
129	M139	X	0	0	0	%100
130	M139	Z	.954	.954	0	%100
131	M144	X	0	0	0	%100
132	M144	Z	.954	.954	0	%100
133	M145	X	0	0	0	%100
134	M145	Z	.954	.954	0	%100
135	MPB3	X	0	0	0	%100
136	MPB3	Z	2.503	2.503	0	%100
137	M151	X	0	0	0	%100
138	M151	Z	.954	.954	0	%100
139	M152	X	0	0	0	%100
140	M152	Z	.954	.954	0	%100
141	M157	X	0	0	0	%100
142	M157	Z	.954	.954	0	%100
143	M158	X	0	0	0	%100
144	M158	Z	.954	.954	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.601	-1.601	0	%100
2	M1	Z	2.774	2.774	0	%100
3	M4	X	-.539	-.539	0	%100
4	M4	Z	.933	.933	0	%100
5	M10	X	-1.317	-1.317	0	%100
6	M10	Z	2.281	2.281	0	%100
7	MP3A	X	-1.905	-1.905	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
8	MP3A	Z	3.3	3.3	0	%100
9	MP4A	X	-1.722	-1.722	0	%100
10	MP4A	Z	2.982	2.982	0	%100
11	MP2A	X	-1.722	-1.722	0	%100
12	MP2A	Z	2.982	2.982	0	%100
13	MP1A	X	-1.722	-1.722	0	%100
14	MP1A	Z	2.982	2.982	0	%100
15	M43	X	-1.317	-1.317	0	%100
16	M43	Z	2.281	2.281	0	%100
17	M46	X	-2.059	-2.059	0	%100
18	M46	Z	3.567	3.567	0	%100
19	M51B	X	-1.515	-1.515	0	%100
20	M51B	Z	2.625	2.625	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.675	-.675	0	%100
24	M76	Z	1.169	1.169	0	%100
25	M77	X	-2.056	-2.056	0	%100
26	M77	Z	3.561	3.561	0	%100
27	M80	X	-2.146	-2.146	0	%100
28	M80	Z	3.717	3.717	0	%100
29	M84	X	-.675	-.675	0	%100
30	M84	Z	1.169	1.169	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	M52A	X	-.539	-.539	0	%100
36	M52A	Z	.933	.933	0	%100
37	M53	X	-1.317	-1.317	0	%100
38	M53	Z	2.281	2.281	0	%100
39	M54	X	-1.317	-1.317	0	%100
40	M54	Z	2.281	2.281	0	%100
41	M55	X	-2.059	-2.059	0	%100
42	M55	Z	3.567	3.567	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	-1.515	-1.515	0	%100
46	M59A	Z	2.625	2.625	0	%100
47	M63	X	-.675	-.675	0	%100
48	M63	Z	1.169	1.169	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-.675	-.675	0	%100
54	M68	Z	1.169	1.169	0	%100
55	M69	X	-2.056	-2.056	0	%100
56	M69	Z	3.561	3.561	0	%100
57	M71	X	-2.146	-2.146	0	%100
58	M71	Z	3.717	3.717	0	%100
59	M76A	X	-2.155	-2.155	0	%100
60	M76A	Z	3.733	3.733	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
67	M82	X	-1.515	-1.515	0	%100
68	M82	Z	2.625	2.625	0	%100
69	M83A	X	-1.515	-1.515	0	%100
70	M83A	Z	2.625	2.625	0	%100
71	M87	X	-2.701	-2.701	0	%100
72	M87	Z	4.678	4.678	0	%100
73	M88A	X	-2.056	-2.056	0	%100
74	M88A	Z	3.561	3.561	0	%100
75	M90	X	-2.146	-2.146	0	%100
76	M90	Z	3.717	3.717	0	%100
77	M92A	X	-2.701	-2.701	0	%100
78	M92A	Z	4.678	4.678	0	%100
79	M93	X	-2.056	-2.056	0	%100
80	M93	Z	3.561	3.561	0	%100
81	M95	X	-2.146	-2.146	0	%100
82	M95	Z	3.717	3.717	0	%100
83	M82A	X	-1.601	-1.601	0	%100
84	M82A	Z	2.774	2.774	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	-1.905	-1.905	0	%100
88	MP3C	Z	3.3	3.3	0	%100
89	MP4C	X	-1.722	-1.722	0	%100
90	MP4C	Z	2.982	2.982	0	%100
91	MP2C	X	-1.722	-1.722	0	%100
92	MP2C	Z	2.982	2.982	0	%100
93	MP1C	X	-1.722	-1.722	0	%100
94	MP1C	Z	2.982	2.982	0	%100
95	MP3B	X	-1.905	-1.905	0	%100
96	MP3B	Z	3.3	3.3	0	%100
97	MP4B	X	-1.722	-1.722	0	%100
98	MP4B	Z	2.982	2.982	0	%100
99	MP2B	X	-1.722	-1.722	0	%100
100	MP2B	Z	2.982	2.982	0	%100
101	MP1B	X	-1.722	-1.722	0	%100
102	MP1B	Z	2.982	2.982	0	%100
103	M100	X	-1.429	-1.429	0	%100
104	M100	Z	2.475	2.475	0	%100
105	M107	X	-1.429	-1.429	0	%100
106	M107	Z	2.475	2.475	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	-1.178	-1.178	0	%100
110	M121	Z	2.04	2.04	0	%100
111	M122	X	-1.178	-1.178	0	%100
112	M122	Z	2.04	2.04	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	MPA3	X	-1.251	-1.251	0	%100
116	MPA3	Z	2.167	2.167	0	%100
117	M125	X	-.159	-.159	0	%100
118	M125	Z	.275	.275	0	%100
119	M126	X	-.159	-.159	0	%100
120	M126	Z	.275	.275	0	%100
121	M131	X	-.159	-.159	0	%100
122	M131	Z	.275	.275	0	%100
123	M132	X	-.159	-.159	0	%100
124	M132	Z	.275	.275	0	%100
125	MPC3	X	-1.251	-1.251	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
126	MPC3	Z	2.167	2.167	0	%100
127	M138	X	-.159	-.159	0	%100
128	M138	Z	.275	.275	0	%100
129	M139	X	-.159	-.159	0	%100
130	M139	Z	.275	.275	0	%100
131	M144	X	-.159	-.159	0	%100
132	M144	Z	.275	.275	0	%100
133	M145	X	-.159	-.159	0	%100
134	M145	Z	.275	.275	0	%100
135	MPB3	X	-1.251	-1.251	0	%100
136	MPB3	Z	2.167	2.167	0	%100
137	M151	X	-.636	-.636	0	%100
138	M151	Z	1.102	1.102	0	%100
139	M152	X	-.636	-.636	0	%100
140	M152	Z	1.102	1.102	0	%100
141	M157	X	-.636	-.636	0	%100
142	M157	Z	1.102	1.102	0	%100
143	M158	X	-.636	-.636	0	%100
144	M158	Z	1.102	1.102	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.925	-.925	0	%100
2	M1	Z	.534	.534	0	%100
3	M4	X	-2.8	-2.8	0	%100
4	M4	Z	1.617	1.617	0	%100
5	M10	X	-.76	-.76	0	%100
6	M10	Z	.439	.439	0	%100
7	MP3A	X	-3.3	-3.3	0	%100
8	MP3A	Z	1.905	1.905	0	%100
9	MP4A	X	-2.982	-2.982	0	%100
10	MP4A	Z	1.722	1.722	0	%100
11	MP2A	X	-2.982	-2.982	0	%100
12	MP2A	Z	1.722	1.722	0	%100
13	MP1A	X	-2.982	-2.982	0	%100
14	MP1A	Z	1.722	1.722	0	%100
15	M43	X	-.76	-.76	0	%100
16	M43	Z	.439	.439	0	%100
17	M46	X	-1.189	-1.189	0	%100
18	M46	Z	.686	.686	0	%100
19	M51B	X	-3.5	-3.5	0	%100
20	M51B	Z	2.02	2.02	0	%100
21	M52B	X	-.875	-.875	0	%100
22	M52B	Z	.505	.505	0	%100
23	M76	X	-3.508	-3.508	0	%100
24	M76	Z	2.025	2.025	0	%100
25	M77	X	-4.748	-4.748	0	%100
26	M77	Z	2.741	2.741	0	%100
27	M80	X	-4.956	-4.956	0	%100
28	M80	Z	2.861	2.861	0	%100
29	M84	X	-3.508	-3.508	0	%100
30	M84	Z	2.025	2.025	0	%100
31	M85	X	-1.187	-1.187	0	%100
32	M85	Z	.685	.685	0	%100
33	M91	X	-1.239	-1.239	0	%100
34	M91	Z	.715	.715	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
37	M53	X	-3.041	-3.041	0	%100
38	M53	Z	1.756	1.756	0	%100
39	M54	X	-3.041	-3.041	0	%100
40	M54	Z	1.756	1.756	0	%100
41	M55	X	-4.756	-4.756	0	%100
42	M55	Z	2.746	2.746	0	%100
43	M58A	X	-.875	-.875	0	%100
44	M58A	Z	.505	.505	0	%100
45	M59A	X	-.875	-.875	0	%100
46	M59A	Z	.505	.505	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-1.187	-1.187	0	%100
50	M64	Z	.685	.685	0	%100
51	M66	X	-1.239	-1.239	0	%100
52	M66	Z	.715	.715	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	-1.187	-1.187	0	%100
56	M69	Z	.685	.685	0	%100
57	M71	X	-1.239	-1.239	0	%100
58	M71	Z	.715	.715	0	%100
59	M76A	X	-2.8	-2.8	0	%100
60	M76A	Z	1.617	1.617	0	%100
61	M77A	X	-.76	-.76	0	%100
62	M77A	Z	.439	.439	0	%100
63	M78	X	-.76	-.76	0	%100
64	M78	Z	.439	.439	0	%100
65	M79A	X	-1.189	-1.189	0	%100
66	M79A	Z	.686	.686	0	%100
67	M82	X	-.875	-.875	0	%100
68	M82	Z	.505	.505	0	%100
69	M83A	X	-3.5	-3.5	0	%100
70	M83A	Z	2.02	2.02	0	%100
71	M87	X	-3.508	-3.508	0	%100
72	M87	Z	2.025	2.025	0	%100
73	M88A	X	-1.187	-1.187	0	%100
74	M88A	Z	.685	.685	0	%100
75	M90	X	-1.239	-1.239	0	%100
76	M90	Z	.715	.715	0	%100
77	M92A	X	-3.508	-3.508	0	%100
78	M92A	Z	2.025	2.025	0	%100
79	M93	X	-4.748	-4.748	0	%100
80	M93	Z	2.741	2.741	0	%100
81	M95	X	-4.956	-4.956	0	%100
82	M95	Z	2.861	2.861	0	%100
83	M82A	X	-3.698	-3.698	0	%100
84	M82A	Z	2.135	2.135	0	%100
85	M91B	X	-.925	-.925	0	%100
86	M91B	Z	.534	.534	0	%100
87	MP3C	X	-3.3	-3.3	0	%100
88	MP3C	Z	1.905	1.905	0	%100
89	MP4C	X	-2.982	-2.982	0	%100
90	MP4C	Z	1.722	1.722	0	%100
91	MP2C	X	-2.982	-2.982	0	%100
92	MP2C	Z	1.722	1.722	0	%100
93	MP1C	X	-2.982	-2.982	0	%100
94	MP1C	Z	1.722	1.722	0	%100
95	MP3B	X	-3.3	-3.3	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
96	MP3B	Z	1.905	1.905	0	%100
97	MP4B	X	-2.982	-2.982	0	%100
98	MP4B	Z	1.722	1.722	0	%100
99	MP2B	X	-2.982	-2.982	0	%100
100	MP2B	Z	1.722	1.722	0	%100
101	MP1B	X	-2.982	-2.982	0	%100
102	MP1B	Z	1.722	1.722	0	%100
103	M100	X	-.825	-.825	0	%100
104	M100	Z	.476	.476	0	%100
105	M107	X	-3.3	-3.3	0	%100
106	M107	Z	1.905	1.905	0	%100
107	M114	X	-.825	-.825	0	%100
108	M114	Z	.476	.476	0	%100
109	M121	X	-2.72	-2.72	0	%100
110	M121	Z	1.57	1.57	0	%100
111	M122	X	-.68	-.68	0	%100
112	M122	Z	.393	.393	0	%100
113	M123	X	-.68	-.68	0	%100
114	M123	Z	.393	.393	0	%100
115	MPA3	X	-2.167	-2.167	0	%100
116	MPA3	Z	1.251	1.251	0	%100
117	M125	X	-.826	-.826	0	%100
118	M125	Z	.477	.477	0	%100
119	M126	X	-.826	-.826	0	%100
120	M126	Z	.477	.477	0	%100
121	M131	X	-.826	-.826	0	%100
122	M131	Z	.477	.477	0	%100
123	M132	X	-.826	-.826	0	%100
124	M132	Z	.477	.477	0	%100
125	MPC3	X	-2.167	-2.167	0	%100
126	MPC3	Z	1.251	1.251	0	%100
127	M138	X	0	0	0	%100
128	M138	Z	0	0	0	%100
129	M139	X	0	0	0	%100
130	M139	Z	0	0	0	%100
131	M144	X	0	0	0	%100
132	M144	Z	0	0	0	%100
133	M145	X	0	0	0	%100
134	M145	Z	0	0	0	%100
135	MPB3	X	-2.167	-2.167	0	%100
136	MPB3	Z	1.251	1.251	0	%100
137	M151	X	-.826	-.826	0	%100
138	M151	Z	.477	.477	0	%100
139	M152	X	-.826	-.826	0	%100
140	M152	Z	.477	.477	0	%100
141	M157	X	-.826	-.826	0	%100
142	M157	Z	.477	.477	0	%100
143	M158	X	-.826	-.826	0	%100
144	M158	Z	.477	.477	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-4.311	-4.311	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
7	MP3A	X	-3.811	-3.811	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-3.443	-3.443	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-3.443	-3.443	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-3.443	-3.443	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	-3.031	-3.031	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-3.031	-3.031	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-5.401	-5.401	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-4.112	-4.112	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-4.292	-4.292	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-5.401	-5.401	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-4.112	-4.112	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-4.292	-4.292	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-1.078	-1.078	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-2.633	-2.633	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	-2.633	-2.633	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	-4.118	-4.118	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-3.031	-3.031	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	-1.35	-1.35	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-4.112	-4.112	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	-4.292	-4.292	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-1.35	-1.35	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	-1.078	-1.078	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-2.633	-2.633	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	-2.633	-2.633	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	-4.118	-4.118	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	-3.031	-3.031	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-1.35	-1.35	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	-1.35	-1.35	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-4.112	-4.112	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	-4.292	-4.292	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	-3.203	-3.203	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-3.203	-3.203	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	-3.811	-3.811	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	-3.443	-3.443	0	%100
90	MP4C	Z	0	0	0	%100
91	MP2C	X	-3.443	-3.443	0	%100
92	MP2C	Z	0	0	0	%100
93	MP1C	X	-3.443	-3.443	0	%100
94	MP1C	Z	0	0	0	%100
95	MP3B	X	-3.811	-3.811	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-3.443	-3.443	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-3.443	-3.443	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-3.443	-3.443	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M107	X	-2.858	-2.858	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	-2.858	-2.858	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	-2.355	-2.355	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-2.355	-2.355	0	%100
114	M123	Z	0	0	0	%100
115	MPA3	X	-2.503	-2.503	0	%100
116	MPA3	Z	0	0	0	%100
117	M125	X	-1.272	-1.272	0	%100
118	M125	Z	0	0	0	%100
119	M126	X	-1.272	-1.272	0	%100
120	M126	Z	0	0	0	%100
121	M131	X	-1.272	-1.272	0	%100
122	M131	Z	0	0	0	%100
123	M132	X	-1.272	-1.272	0	%100
124	M132	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
125	MPC3	X	-2.503	-2.503	0	%100
126	MPC3	Z	0	0	0	%100
127	M138	X	-.318	-.318	0	%100
128	M138	Z	0	0	0	%100
129	M139	X	-.318	-.318	0	%100
130	M139	Z	0	0	0	%100
131	M144	X	-.318	-.318	0	%100
132	M144	Z	0	0	0	%100
133	M145	X	-.318	-.318	0	%100
134	M145	Z	0	0	0	%100
135	MPB3	X	-2.503	-2.503	0	%100
136	MPB3	Z	0	0	0	%100
137	M151	X	-.318	-.318	0	%100
138	M151	Z	0	0	0	%100
139	M152	X	-.318	-.318	0	%100
140	M152	Z	0	0	0	%100
141	M157	X	-.318	-.318	0	%100
142	M157	Z	0	0	0	%100
143	M158	X	-.318	-.318	0	%100
144	M158	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.925	-.925	0	%100
2	M1	Z	-.534	-.534	0	%100
3	M4	X	-2.8	-2.8	0	%100
4	M4	Z	-1.617	-1.617	0	%100
5	M10	X	-.76	-.76	0	%100
6	M10	Z	-.439	-.439	0	%100
7	MP3A	X	-3.3	-3.3	0	%100
8	MP3A	Z	-1.905	-1.905	0	%100
9	MP4A	X	-2.982	-2.982	0	%100
10	MP4A	Z	-1.722	-1.722	0	%100
11	MP2A	X	-2.982	-2.982	0	%100
12	MP2A	Z	-1.722	-1.722	0	%100
13	MP1A	X	-2.982	-2.982	0	%100
14	MP1A	Z	-1.722	-1.722	0	%100
15	M43	X	-.76	-.76	0	%100
16	M43	Z	-.439	-.439	0	%100
17	M46	X	-1.189	-1.189	0	%100
18	M46	Z	-.686	-.686	0	%100
19	M51B	X	-.875	-.875	0	%100
20	M51B	Z	-.505	-.505	0	%100
21	M52B	X	-3.5	-3.5	0	%100
22	M52B	Z	-2.02	-2.02	0	%100
23	M76	X	-3.508	-3.508	0	%100
24	M76	Z	-2.025	-2.025	0	%100
25	M77	X	-1.187	-1.187	0	%100
26	M77	Z	-.685	-.685	0	%100
27	M80	X	-1.239	-1.239	0	%100
28	M80	Z	-.715	-.715	0	%100
29	M84	X	-3.508	-3.508	0	%100
30	M84	Z	-2.025	-2.025	0	%100
31	M85	X	-4.748	-4.748	0	%100
32	M85	Z	-2.741	-2.741	0	%100
33	M91	X	-4.956	-4.956	0	%100
34	M91	Z	-2.861	-2.861	0	%100
35	M52A	X	-2.8	-2.8	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
36	M52A	Z	-1.617	-1.617	0	%100
37	M53	X	-.76	-.76	0	%100
38	M53	Z	-.439	-.439	0	%100
39	M54	X	-.76	-.76	0	%100
40	M54	Z	-.439	-.439	0	%100
41	M55	X	-1.189	-1.189	0	%100
42	M55	Z	-.686	-.686	0	%100
43	M58A	X	-3.5	-3.5	0	%100
44	M58A	Z	-2.02	-2.02	0	%100
45	M59A	X	-.875	-.875	0	%100
46	M59A	Z	-.505	-.505	0	%100
47	M63	X	-3.508	-3.508	0	%100
48	M63	Z	-2.025	-2.025	0	%100
49	M64	X	-4.748	-4.748	0	%100
50	M64	Z	-2.741	-2.741	0	%100
51	M66	X	-4.956	-4.956	0	%100
52	M66	Z	-2.861	-2.861	0	%100
53	M68	X	-3.508	-3.508	0	%100
54	M68	Z	-2.025	-2.025	0	%100
55	M69	X	-1.187	-1.187	0	%100
56	M69	Z	-.685	-.685	0	%100
57	M71	X	-1.239	-1.239	0	%100
58	M71	Z	-.715	-.715	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-3.041	-3.041	0	%100
62	M77A	Z	-1.756	-1.756	0	%100
63	M78	X	-3.041	-3.041	0	%100
64	M78	Z	-1.756	-1.756	0	%100
65	M79A	X	-4.756	-4.756	0	%100
66	M79A	Z	-2.746	-2.746	0	%100
67	M82	X	-.875	-.875	0	%100
68	M82	Z	-.505	-.505	0	%100
69	M83A	X	-.875	-.875	0	%100
70	M83A	Z	-.505	-.505	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	-1.187	-1.187	0	%100
74	M88A	Z	-.685	-.685	0	%100
75	M90	X	-1.239	-1.239	0	%100
76	M90	Z	-.715	-.715	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-1.187	-1.187	0	%100
80	M93	Z	-.685	-.685	0	%100
81	M95	X	-1.239	-1.239	0	%100
82	M95	Z	-.715	-.715	0	%100
83	M82A	X	-.925	-.925	0	%100
84	M82A	Z	-.534	-.534	0	%100
85	M91B	X	-3.698	-3.698	0	%100
86	M91B	Z	-2.135	-2.135	0	%100
87	MP3C	X	-3.3	-3.3	0	%100
88	MP3C	Z	-1.905	-1.905	0	%100
89	MP4C	X	-2.982	-2.982	0	%100
90	MP4C	Z	-1.722	-1.722	0	%100
91	MP2C	X	-2.982	-2.982	0	%100
92	MP2C	Z	-1.722	-1.722	0	%100
93	MP1C	X	-2.982	-2.982	0	%100
94	MP1C	Z	-1.722	-1.722	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
95	MP3B	X	-3.3	-3.3	0	%100
96	MP3B	Z	-1.905	-1.905	0	%100
97	MP4B	X	-2.982	-2.982	0	%100
98	MP4B	Z	-1.722	-1.722	0	%100
99	MP2B	X	-2.982	-2.982	0	%100
100	MP2B	Z	-1.722	-1.722	0	%100
101	MP1B	X	-2.982	-2.982	0	%100
102	MP1B	Z	-1.722	-1.722	0	%100
103	M100	X	-.825	-.825	0	%100
104	M100	Z	-.476	-.476	0	%100
105	M107	X	-.825	-.825	0	%100
106	M107	Z	-.476	-.476	0	%100
107	M114	X	-3.3	-3.3	0	%100
108	M114	Z	-1.905	-1.905	0	%100
109	M121	X	-.68	-.68	0	%100
110	M121	Z	-.393	-.393	0	%100
111	M122	X	-.68	-.68	0	%100
112	M122	Z	-.393	-.393	0	%100
113	M123	X	-2.72	-2.72	0	%100
114	M123	Z	-1.57	-1.57	0	%100
115	MPA3	X	-2.167	-2.167	0	%100
116	MPA3	Z	-1.251	-1.251	0	%100
117	M125	X	-.826	-.826	0	%100
118	M125	Z	-.477	-.477	0	%100
119	M126	X	-.826	-.826	0	%100
120	M126	Z	-.477	-.477	0	%100
121	M131	X	-.826	-.826	0	%100
122	M131	Z	-.477	-.477	0	%100
123	M132	X	-.826	-.826	0	%100
124	M132	Z	-.477	-.477	0	%100
125	MPC3	X	-2.167	-2.167	0	%100
126	MPC3	Z	-1.251	-1.251	0	%100
127	M138	X	-.826	-.826	0	%100
128	M138	Z	-.477	-.477	0	%100
129	M139	X	-.826	-.826	0	%100
130	M139	Z	-.477	-.477	0	%100
131	M144	X	-.826	-.826	0	%100
132	M144	Z	-.477	-.477	0	%100
133	M145	X	-.826	-.826	0	%100
134	M145	Z	-.477	-.477	0	%100
135	MPB3	X	-2.167	-2.167	0	%100
136	MPB3	Z	-1.251	-1.251	0	%100
137	M151	X	0	0	0	%100
138	M151	Z	0	0	0	%100
139	M152	X	0	0	0	%100
140	M152	Z	0	0	0	%100
141	M157	X	0	0	0	%100
142	M157	Z	0	0	0	%100
143	M158	X	0	0	0	%100
144	M158	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.601	-1.601	0	%100
2	M1	Z	-2.774	-2.774	0	%100
3	M4	X	-.539	-.539	0	%100
4	M4	Z	-.933	-.933	0	%100
5	M10	X	-1.317	-1.317	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
6	M10	Z	-2.281	-2.281	0	%100
7	MP3A	X	-1.905	-1.905	0	%100
8	MP3A	Z	-3.3	-3.3	0	%100
9	MP4A	X	-1.722	-1.722	0	%100
10	MP4A	Z	-2.982	-2.982	0	%100
11	MP2A	X	-1.722	-1.722	0	%100
12	MP2A	Z	-2.982	-2.982	0	%100
13	MP1A	X	-1.722	-1.722	0	%100
14	MP1A	Z	-2.982	-2.982	0	%100
15	M43	X	-1.317	-1.317	0	%100
16	M43	Z	-2.281	-2.281	0	%100
17	M46	X	-2.059	-2.059	0	%100
18	M46	Z	-3.567	-3.567	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-1.515	-1.515	0	%100
22	M52B	Z	-2.625	-2.625	0	%100
23	M76	X	-.675	-.675	0	%100
24	M76	Z	-1.169	-1.169	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	-.675	-.675	0	%100
30	M84	Z	-1.169	-1.169	0	%100
31	M85	X	-2.056	-2.056	0	%100
32	M85	Z	-3.561	-3.561	0	%100
33	M91	X	-2.146	-2.146	0	%100
34	M91	Z	-3.717	-3.717	0	%100
35	M52A	X	-2.155	-2.155	0	%100
36	M52A	Z	-3.733	-3.733	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-1.515	-1.515	0	%100
44	M58A	Z	-2.625	-2.625	0	%100
45	M59A	X	-1.515	-1.515	0	%100
46	M59A	Z	-2.625	-2.625	0	%100
47	M63	X	-2.701	-2.701	0	%100
48	M63	Z	-4.678	-4.678	0	%100
49	M64	X	-2.056	-2.056	0	%100
50	M64	Z	-3.561	-3.561	0	%100
51	M66	X	-2.146	-2.146	0	%100
52	M66	Z	-3.717	-3.717	0	%100
53	M68	X	-2.701	-2.701	0	%100
54	M68	Z	-4.678	-4.678	0	%100
55	M69	X	-2.056	-2.056	0	%100
56	M69	Z	-3.561	-3.561	0	%100
57	M71	X	-2.146	-2.146	0	%100
58	M71	Z	-3.717	-3.717	0	%100
59	M76A	X	-.539	-.539	0	%100
60	M76A	Z	-.933	-.933	0	%100
61	M77A	X	-1.317	-1.317	0	%100
62	M77A	Z	-2.281	-2.281	0	%100
63	M78	X	-1.317	-1.317	0	%100
64	M78	Z	-2.281	-2.281	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
65	M79A	X	-2.059	-2.059	0	%100
66	M79A	Z	-3.567	-3.567	0	%100
67	M82	X	-1.515	-1.515	0	%100
68	M82	Z	-2.625	-2.625	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-.675	-.675	0	%100
72	M87	Z	-1.169	-1.169	0	%100
73	M88A	X	-2.056	-2.056	0	%100
74	M88A	Z	-3.561	-3.561	0	%100
75	M90	X	-2.146	-2.146	0	%100
76	M90	Z	-3.717	-3.717	0	%100
77	M92A	X	-.675	-.675	0	%100
78	M92A	Z	-1.169	-1.169	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-1.601	-1.601	0	%100
86	M91B	Z	-2.774	-2.774	0	%100
87	MP3C	X	-1.905	-1.905	0	%100
88	MP3C	Z	-3.3	-3.3	0	%100
89	MP4C	X	-1.722	-1.722	0	%100
90	MP4C	Z	-2.982	-2.982	0	%100
91	MP2C	X	-1.722	-1.722	0	%100
92	MP2C	Z	-2.982	-2.982	0	%100
93	MP1C	X	-1.722	-1.722	0	%100
94	MP1C	Z	-2.982	-2.982	0	%100
95	MP3B	X	-1.905	-1.905	0	%100
96	MP3B	Z	-3.3	-3.3	0	%100
97	MP4B	X	-1.722	-1.722	0	%100
98	MP4B	Z	-2.982	-2.982	0	%100
99	MP2B	X	-1.722	-1.722	0	%100
100	MP2B	Z	-2.982	-2.982	0	%100
101	MP1B	X	-1.722	-1.722	0	%100
102	MP1B	Z	-2.982	-2.982	0	%100
103	M100	X	-1.429	-1.429	0	%100
104	M100	Z	-2.475	-2.475	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	-1.429	-1.429	0	%100
108	M114	Z	-2.475	-2.475	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-1.178	-1.178	0	%100
112	M122	Z	-2.04	-2.04	0	%100
113	M123	X	-1.178	-1.178	0	%100
114	M123	Z	-2.04	-2.04	0	%100
115	MPA3	X	-1.251	-1.251	0	%100
116	MPA3	Z	-2.167	-2.167	0	%100
117	M125	X	-.159	-.159	0	%100
118	M125	Z	-.275	-.275	0	%100
119	M126	X	-.159	-.159	0	%100
120	M126	Z	-.275	-.275	0	%100
121	M131	X	-.159	-.159	0	%100
122	M131	Z	-.275	-.275	0	%100
123	M132	X	-.159	-.159	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
124	M132	Z	-.275	-.275	0	%100
125	MPC3	X	-1.251	-1.251	0	%100
126	MPC3	Z	-2.167	-2.167	0	%100
127	M138	X	-.636	-.636	0	%100
128	M138	Z	-1.102	-1.102	0	%100
129	M139	X	-.636	-.636	0	%100
130	M139	Z	-1.102	-1.102	0	%100
131	M144	X	-.636	-.636	0	%100
132	M144	Z	-1.102	-1.102	0	%100
133	M145	X	-.636	-.636	0	%100
134	M145	Z	-1.102	-1.102	0	%100
135	MPB3	X	-1.251	-1.251	0	%100
136	MPB3	Z	-2.167	-2.167	0	%100
137	M151	X	-.159	-.159	0	%100
138	M151	Z	-.275	-.275	0	%100
139	M152	X	-.159	-.159	0	%100
140	M152	Z	-.275	-.275	0	%100
141	M157	X	-.159	-.159	0	%100
142	M157	Z	-.275	-.275	0	%100
143	M158	X	-.159	-.159	0	%100
144	M158	Z	-.275	-.275	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.891	-.891	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	-.796	-.796	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-.761	-.761	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-.629	-.629	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-.629	-.629	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-.629	-.629	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-.796	-.796	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-1.588	-1.588	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.22	-.22	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.22	-.22	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	-.404	-.404	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-.426	-.426	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	-.404	-.404	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-.426	-.426	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
35	M52A	X	0	0	0	%100
36	M52A	Z	-.706	-.706	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	-.199	-.199	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	-.199	-.199	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	-.397	-.397	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	-.22	-.22	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	-.882	-.882	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	-1.191	-1.191	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	-.404	-.404	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	-.426	-.426	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	-1.191	-1.191	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	-1.617	-1.617	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	-1.704	-1.704	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	-.706	-.706	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	-.199	-.199	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	-.199	-.199	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	-.397	-.397	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-.882	-.882	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	-.22	-.22	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	-1.191	-1.191	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	-1.617	-1.617	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	-1.704	-1.704	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	-1.191	-1.191	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	-.404	-.404	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	-.426	-.426	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	-.223	-.223	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	-.223	-.223	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-.761	-.761	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-.629	-.629	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-.629	-.629	0	%100
93	MP1C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
94	MP1C	Z	-.629	-.629	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-.761	-.761	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-.629	-.629	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-.629	-.629	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-.629	-.629	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	-.761	-.761	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	-.19	-.19	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	-.19	-.19	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-.184	-.184	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-.735	-.735	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-.184	-.184	0	%100
115	MPA3	X	0	0	0	%100
116	MPA3	Z	-.455	-.455	0	%100
117	M125	X	0	0	0	%100
118	M125	Z	0	0	0	%100
119	M126	X	0	0	0	%100
120	M126	Z	0	0	0	%100
121	M131	X	0	0	0	%100
122	M131	Z	0	0	0	%100
123	M132	X	0	0	0	%100
124	M132	Z	0	0	0	%100
125	MPC3	X	0	0	0	%100
126	MPC3	Z	-.455	-.455	0	%100
127	M138	X	0	0	0	%100
128	M138	Z	-.075	-.075	0	%100
129	M139	X	0	0	0	%100
130	M139	Z	-.075	-.075	0	%100
131	M144	X	0	0	0	%100
132	M144	Z	-.075	-.075	0	%100
133	M145	X	0	0	0	%100
134	M145	Z	-.075	-.075	0	%100
135	MPB3	X	0	0	0	%100
136	MPB3	Z	-.455	-.455	0	%100
137	M151	X	0	0	0	%100
138	M151	Z	-.075	-.075	0	%100
139	M152	X	0	0	0	%100
140	M152	Z	-.075	-.075	0	%100
141	M157	X	0	0	0	%100
142	M157	Z	-.075	-.075	0	%100
143	M158	X	0	0	0	%100
144	M158	Z	-.075	-.075	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.334	.334	0	%100
2	M1	Z	-.578	-.578	0	%100
3	M4	X	.118	.118	0	%100
4	M4	Z	-.204	-.204	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
5	M10	X	.299	.299	0	%100
6	M10	Z	-.517	-.517	0	%100
7	MP3A	X	.38	.38	0	%100
8	MP3A	Z	-.659	-.659	0	%100
9	MP4A	X	.314	.314	0	%100
10	MP4A	Z	-.544	-.544	0	%100
11	MP2A	X	.314	.314	0	%100
12	MP2A	Z	-.544	-.544	0	%100
13	MP1A	X	.314	.314	0	%100
14	MP1A	Z	-.544	-.544	0	%100
15	M43	X	.299	.299	0	%100
16	M43	Z	-.517	-.517	0	%100
17	M46	X	.596	.596	0	%100
18	M46	Z	-1.031	-1.031	0	%100
19	M51B	X	.331	.331	0	%100
20	M51B	Z	-.573	-.573	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.199	.199	0	%100
24	M76	Z	-.344	-.344	0	%100
25	M77	X	.607	.607	0	%100
26	M77	Z	-1.051	-1.051	0	%100
27	M80	X	.639	.639	0	%100
28	M80	Z	-1.107	-1.107	0	%100
29	M84	X	.199	.199	0	%100
30	M84	Z	-.344	-.344	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	M52A	X	.118	.118	0	%100
36	M52A	Z	-.204	-.204	0	%100
37	M53	X	.299	.299	0	%100
38	M53	Z	-.517	-.517	0	%100
39	M54	X	.299	.299	0	%100
40	M54	Z	-.517	-.517	0	%100
41	M55	X	.596	.596	0	%100
42	M55	Z	-1.031	-1.031	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	.331	.331	0	%100
46	M59A	Z	-.573	-.573	0	%100
47	M63	X	.199	.199	0	%100
48	M63	Z	-.344	-.344	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	.199	.199	0	%100
54	M68	Z	-.344	-.344	0	%100
55	M69	X	.607	.607	0	%100
56	M69	Z	-1.051	-1.051	0	%100
57	M71	X	.639	.639	0	%100
58	M71	Z	-1.107	-1.107	0	%100
59	M76A	X	.47	.47	0	%100
60	M76A	Z	-.815	-.815	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	.331	.331	0	%100
68	M82	Z	-.573	-.573	0	%100
69	M83A	X	.331	.331	0	%100
70	M83A	Z	-.573	-.573	0	%100
71	M87	X	.794	.794	0	%100
72	M87	Z	-1.375	-1.375	0	%100
73	M88A	X	.607	.607	0	%100
74	M88A	Z	-1.051	-1.051	0	%100
75	M90	X	.639	.639	0	%100
76	M90	Z	-1.107	-1.107	0	%100
77	M92A	X	.794	.794	0	%100
78	M92A	Z	-1.375	-1.375	0	%100
79	M93	X	.607	.607	0	%100
80	M93	Z	-1.051	-1.051	0	%100
81	M95	X	.639	.639	0	%100
82	M95	Z	-1.107	-1.107	0	%100
83	M82A	X	.334	.334	0	%100
84	M82A	Z	-.578	-.578	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	.38	.38	0	%100
88	MP3C	Z	-.659	-.659	0	%100
89	MP4C	X	.314	.314	0	%100
90	MP4C	Z	-.544	-.544	0	%100
91	MP2C	X	.314	.314	0	%100
92	MP2C	Z	-.544	-.544	0	%100
93	MP1C	X	.314	.314	0	%100
94	MP1C	Z	-.544	-.544	0	%100
95	MP3B	X	.38	.38	0	%100
96	MP3B	Z	-.659	-.659	0	%100
97	MP4B	X	.314	.314	0	%100
98	MP4B	Z	-.544	-.544	0	%100
99	MP2B	X	.314	.314	0	%100
100	MP2B	Z	-.544	-.544	0	%100
101	MP1B	X	.314	.314	0	%100
102	MP1B	Z	-.544	-.544	0	%100
103	M100	X	.285	.285	0	%100
104	M100	Z	-.494	-.494	0	%100
105	M107	X	.285	.285	0	%100
106	M107	Z	-.494	-.494	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	.276	.276	0	%100
110	M121	Z	-.477	-.477	0	%100
111	M122	X	.276	.276	0	%100
112	M122	Z	-.477	-.477	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	MPA3	X	.228	.228	0	%100
116	MPA3	Z	-.394	-.394	0	%100
117	M125	X	.013	.013	0	%100
118	M125	Z	-.022	-.022	0	%100
119	M126	X	.013	.013	0	%100
120	M126	Z	-.022	-.022	0	%100
121	M131	X	.013	.013	0	%100
122	M131	Z	-.022	-.022	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
123	M132	X	.013	.013	0	%100
124	M132	Z	-.022	-.022	0	%100
125	MPC3	X	.228	.228	0	%100
126	MPC3	Z	-.394	-.394	0	%100
127	M138	X	.013	.013	0	%100
128	M138	Z	-.022	-.022	0	%100
129	M139	X	.013	.013	0	%100
130	M139	Z	-.022	-.022	0	%100
131	M144	X	.013	.013	0	%100
132	M144	Z	-.022	-.022	0	%100
133	M145	X	.013	.013	0	%100
134	M145	Z	-.022	-.022	0	%100
135	MPB3	X	.228	.228	0	%100
136	MPB3	Z	-.394	-.394	0	%100
137	M151	X	.05	.05	0	%100
138	M151	Z	-.087	-.087	0	%100
139	M152	X	.05	.05	0	%100
140	M152	Z	-.087	-.087	0	%100
141	M157	X	.05	.05	0	%100
142	M157	Z	-.087	-.087	0	%100
143	M158	X	.05	.05	0	%100
144	M158	Z	-.087	-.087	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.193	.193	0	%100
2	M1	Z	-.111	-.111	0	%100
3	M4	X	.611	.611	0	%100
4	M4	Z	-.353	-.353	0	%100
5	M10	X	.172	.172	0	%100
6	M10	Z	-.1	-.1	0	%100
7	MP3A	X	.659	.659	0	%100
8	MP3A	Z	-.38	-.38	0	%100
9	MP4A	X	.544	.544	0	%100
10	MP4A	Z	-.314	-.314	0	%100
11	MP2A	X	.544	.544	0	%100
12	MP2A	Z	-.314	-.314	0	%100
13	MP1A	X	.544	.544	0	%100
14	MP1A	Z	-.314	-.314	0	%100
15	M43	X	.172	.172	0	%100
16	M43	Z	-.1	-.1	0	%100
17	M46	X	.344	.344	0	%100
18	M46	Z	-.199	-.199	0	%100
19	M51B	X	.764	.764	0	%100
20	M51B	Z	-.441	-.441	0	%100
21	M52B	X	.191	.191	0	%100
22	M52B	Z	-.11	-.11	0	%100
23	M76	X	1.031	1.031	0	%100
24	M76	Z	-.596	-.596	0	%100
25	M77	X	1.401	1.401	0	%100
26	M77	Z	-.809	-.809	0	%100
27	M80	X	1.475	1.475	0	%100
28	M80	Z	-.852	-.852	0	%100
29	M84	X	1.031	1.031	0	%100
30	M84	Z	-.596	-.596	0	%100
31	M85	X	.35	.35	0	%100
32	M85	Z	-.202	-.202	0	%100
33	M91	X	.369	.369	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
34	M91	Z	-.213	-.213	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	.69	.69	0	%100
38	M53	Z	-.398	-.398	0	%100
39	M54	X	.69	.69	0	%100
40	M54	Z	-.398	-.398	0	%100
41	M55	X	1.375	1.375	0	%100
42	M55	Z	-.794	-.794	0	%100
43	M58A	X	.191	.191	0	%100
44	M58A	Z	-.11	-.11	0	%100
45	M59A	X	.191	.191	0	%100
46	M59A	Z	-.11	-.11	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	.35	.35	0	%100
50	M64	Z	-.202	-.202	0	%100
51	M66	X	.369	.369	0	%100
52	M66	Z	-.213	-.213	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	.35	.35	0	%100
56	M69	Z	-.202	-.202	0	%100
57	M71	X	.369	.369	0	%100
58	M71	Z	-.213	-.213	0	%100
59	M76A	X	.611	.611	0	%100
60	M76A	Z	-.353	-.353	0	%100
61	M77A	X	.172	.172	0	%100
62	M77A	Z	-.1	-.1	0	%100
63	M78	X	.172	.172	0	%100
64	M78	Z	-.1	-.1	0	%100
65	M79A	X	.344	.344	0	%100
66	M79A	Z	-.199	-.199	0	%100
67	M82	X	.191	.191	0	%100
68	M82	Z	-.11	-.11	0	%100
69	M83A	X	.764	.764	0	%100
70	M83A	Z	-.441	-.441	0	%100
71	M87	X	1.031	1.031	0	%100
72	M87	Z	-.596	-.596	0	%100
73	M88A	X	.35	.35	0	%100
74	M88A	Z	-.202	-.202	0	%100
75	M90	X	.369	.369	0	%100
76	M90	Z	-.213	-.213	0	%100
77	M92A	X	1.031	1.031	0	%100
78	M92A	Z	-.596	-.596	0	%100
79	M93	X	1.401	1.401	0	%100
80	M93	Z	-.809	-.809	0	%100
81	M95	X	1.475	1.475	0	%100
82	M95	Z	-.852	-.852	0	%100
83	M82A	X	.771	.771	0	%100
84	M82A	Z	-.445	-.445	0	%100
85	M91B	X	.193	.193	0	%100
86	M91B	Z	-.111	-.111	0	%100
87	MP3C	X	.659	.659	0	%100
88	MP3C	Z	-.38	-.38	0	%100
89	MP4C	X	.544	.544	0	%100
90	MP4C	Z	-.314	-.314	0	%100
91	MP2C	X	.544	.544	0	%100
92	MP2C	Z	-.314	-.314	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
93	MP1C	X	.544	.544	0	%100
94	MP1C	Z	-.314	-.314	0	%100
95	MP3B	X	.659	.659	0	%100
96	MP3B	Z	-.38	-.38	0	%100
97	MP4B	X	.544	.544	0	%100
98	MP4B	Z	-.314	-.314	0	%100
99	MP2B	X	.544	.544	0	%100
100	MP2B	Z	-.314	-.314	0	%100
101	MP1B	X	.544	.544	0	%100
102	MP1B	Z	-.314	-.314	0	%100
103	M100	X	.165	.165	0	%100
104	M100	Z	-.095	-.095	0	%100
105	M107	X	.659	.659	0	%100
106	M107	Z	-.38	-.38	0	%100
107	M114	X	.165	.165	0	%100
108	M114	Z	-.095	-.095	0	%100
109	M121	X	.637	.637	0	%100
110	M121	Z	-.368	-.368	0	%100
111	M122	X	.159	.159	0	%100
112	M122	Z	-.092	-.092	0	%100
113	M123	X	.159	.159	0	%100
114	M123	Z	-.092	-.092	0	%100
115	MPA3	X	.394	.394	0	%100
116	MPA3	Z	-.228	-.228	0	%100
117	M125	X	.065	.065	0	%100
118	M125	Z	-.038	-.038	0	%100
119	M126	X	.065	.065	0	%100
120	M126	Z	-.038	-.038	0	%100
121	M131	X	.065	.065	0	%100
122	M131	Z	-.038	-.038	0	%100
123	M132	X	.065	.065	0	%100
124	M132	Z	-.038	-.038	0	%100
125	MPC3	X	.394	.394	0	%100
126	MPC3	Z	-.228	-.228	0	%100
127	M138	X	0	0	0	%100
128	M138	Z	0	0	0	%100
129	M139	X	0	0	0	%100
130	M139	Z	0	0	0	%100
131	M144	X	0	0	0	%100
132	M144	Z	0	0	0	%100
133	M145	X	0	0	0	%100
134	M145	Z	0	0	0	%100
135	MPB3	X	.394	.394	0	%100
136	MPB3	Z	-.228	-.228	0	%100
137	M151	X	.065	.065	0	%100
138	M151	Z	-.038	-.038	0	%100
139	M152	X	.065	.065	0	%100
140	M152	Z	-.038	-.038	0	%100
141	M157	X	.065	.065	0	%100
142	M157	Z	-.038	-.038	0	%100
143	M158	X	.065	.065	0	%100
144	M158	Z	-.038	-.038	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.941	.941	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	.761	.761	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	.629	.629	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	.629	.629	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	.629	.629	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	.661	.661	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.661	.661	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	1.588	1.588	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	1.213	1.213	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	1.278	1.278	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	1.588	1.588	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	1.213	1.213	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	1.278	1.278	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	.235	.235	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	.597	.597	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	.597	.597	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	1.191	1.191	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	.661	.661	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	.397	.397	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	1.213	1.213	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	1.278	1.278	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	.397	.397	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	.235	.235	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	.597	.597	0	%100
62	M77A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
63	M78	X	.597	.597	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	1.191	1.191	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	.661	.661	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	.397	.397	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	.397	.397	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	1.213	1.213	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	1.278	1.278	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	.668	.668	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	.668	.668	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	.761	.761	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	.629	.629	0	%100
90	MP4C	Z	0	0	0	%100
91	MP2C	X	.629	.629	0	%100
92	MP2C	Z	0	0	0	%100
93	MP1C	X	.629	.629	0	%100
94	MP1C	Z	0	0	0	%100
95	MP3B	X	.761	.761	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	.629	.629	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	.629	.629	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	.629	.629	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M107	X	.571	.571	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	.571	.571	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	.551	.551	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	.551	.551	0	%100
114	M123	Z	0	0	0	%100
115	MPA3	X	.455	.455	0	%100
116	MPA3	Z	0	0	0	%100
117	M125	X	.1	.1	0	%100
118	M125	Z	0	0	0	%100
119	M126	X	.1	.1	0	%100
120	M126	Z	0	0	0	%100
121	M131	X	.1	.1	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
122	M131	Z	0	0	0	%100
123	M132	X	.1	.1	0	%100
124	M132	Z	0	0	0	%100
125	MPC3	X	.455	.455	0	%100
126	MPC3	Z	0	0	0	%100
127	M138	X	.025	.025	0	%100
128	M138	Z	0	0	0	%100
129	M139	X	.025	.025	0	%100
130	M139	Z	0	0	0	%100
131	M144	X	.025	.025	0	%100
132	M144	Z	0	0	0	%100
133	M145	X	.025	.025	0	%100
134	M145	Z	0	0	0	%100
135	MPB3	X	.455	.455	0	%100
136	MPB3	Z	0	0	0	%100
137	M151	X	.025	.025	0	%100
138	M151	Z	0	0	0	%100
139	M152	X	.025	.025	0	%100
140	M152	Z	0	0	0	%100
141	M157	X	.025	.025	0	%100
142	M157	Z	0	0	0	%100
143	M158	X	.025	.025	0	%100
144	M158	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.193	.193	0	%100
2	M1	Z	.111	.111	0	%100
3	M4	X	.611	.611	0	%100
4	M4	Z	.353	.353	0	%100
5	M10	X	.172	.172	0	%100
6	M10	Z	.1	.1	0	%100
7	MP3A	X	.659	.659	0	%100
8	MP3A	Z	.38	.38	0	%100
9	MP4A	X	.544	.544	0	%100
10	MP4A	Z	.314	.314	0	%100
11	MP2A	X	.544	.544	0	%100
12	MP2A	Z	.314	.314	0	%100
13	MP1A	X	.544	.544	0	%100
14	MP1A	Z	.314	.314	0	%100
15	M43	X	.172	.172	0	%100
16	M43	Z	.1	.1	0	%100
17	M46	X	.344	.344	0	%100
18	M46	Z	.199	.199	0	%100
19	M51B	X	.191	.191	0	%100
20	M51B	Z	.11	.11	0	%100
21	M52B	X	.764	.764	0	%100
22	M52B	Z	.441	.441	0	%100
23	M76	X	1.031	1.031	0	%100
24	M76	Z	.596	.596	0	%100
25	M77	X	.35	.35	0	%100
26	M77	Z	.202	.202	0	%100
27	M80	X	.369	.369	0	%100
28	M80	Z	.213	.213	0	%100
29	M84	X	1.031	1.031	0	%100
30	M84	Z	.596	.596	0	%100
31	M85	X	1.401	1.401	0	%100
32	M85	Z	.809	.809	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
33	M91	X	1.475	1.475	0	%100
34	M91	Z	.852	.852	0	%100
35	M52A	X	.611	.611	0	%100
36	M52A	Z	.353	.353	0	%100
37	M53	X	.172	.172	0	%100
38	M53	Z	.1	.1	0	%100
39	M54	X	.172	.172	0	%100
40	M54	Z	.1	.1	0	%100
41	M55	X	.344	.344	0	%100
42	M55	Z	.199	.199	0	%100
43	M58A	X	.764	.764	0	%100
44	M58A	Z	.441	.441	0	%100
45	M59A	X	.191	.191	0	%100
46	M59A	Z	.11	.11	0	%100
47	M63	X	1.031	1.031	0	%100
48	M63	Z	.596	.596	0	%100
49	M64	X	1.401	1.401	0	%100
50	M64	Z	.809	.809	0	%100
51	M66	X	1.475	1.475	0	%100
52	M66	Z	.852	.852	0	%100
53	M68	X	1.031	1.031	0	%100
54	M68	Z	.596	.596	0	%100
55	M69	X	.35	.35	0	%100
56	M69	Z	.202	.202	0	%100
57	M71	X	.369	.369	0	%100
58	M71	Z	.213	.213	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	.69	.69	0	%100
62	M77A	Z	.398	.398	0	%100
63	M78	X	.69	.69	0	%100
64	M78	Z	.398	.398	0	%100
65	M79A	X	1.375	1.375	0	%100
66	M79A	Z	.794	.794	0	%100
67	M82	X	.191	.191	0	%100
68	M82	Z	.11	.11	0	%100
69	M83A	X	.191	.191	0	%100
70	M83A	Z	.11	.11	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	.35	.35	0	%100
74	M88A	Z	.202	.202	0	%100
75	M90	X	.369	.369	0	%100
76	M90	Z	.213	.213	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	.35	.35	0	%100
80	M93	Z	.202	.202	0	%100
81	M95	X	.369	.369	0	%100
82	M95	Z	.213	.213	0	%100
83	M82A	X	.193	.193	0	%100
84	M82A	Z	.111	.111	0	%100
85	M91B	X	.771	.771	0	%100
86	M91B	Z	.445	.445	0	%100
87	MP3C	X	.659	.659	0	%100
88	MP3C	Z	.38	.38	0	%100
89	MP4C	X	.544	.544	0	%100
90	MP4C	Z	.314	.314	0	%100
91	MP2C	X	.544	.544	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
92	MP2C	Z	.314	.314	0	%100
93	MP1C	X	.544	.544	0	%100
94	MP1C	Z	.314	.314	0	%100
95	MP3B	X	.659	.659	0	%100
96	MP3B	Z	.38	.38	0	%100
97	MP4B	X	.544	.544	0	%100
98	MP4B	Z	.314	.314	0	%100
99	MP2B	X	.544	.544	0	%100
100	MP2B	Z	.314	.314	0	%100
101	MP1B	X	.544	.544	0	%100
102	MP1B	Z	.314	.314	0	%100
103	M100	X	.165	.165	0	%100
104	M100	Z	.095	.095	0	%100
105	M107	X	.165	.165	0	%100
106	M107	Z	.095	.095	0	%100
107	M114	X	.659	.659	0	%100
108	M114	Z	.38	.38	0	%100
109	M121	X	.159	.159	0	%100
110	M121	Z	.092	.092	0	%100
111	M122	X	.159	.159	0	%100
112	M122	Z	.092	.092	0	%100
113	M123	X	.637	.637	0	%100
114	M123	Z	.368	.368	0	%100
115	MPA3	X	.394	.394	0	%100
116	MPA3	Z	.228	.228	0	%100
117	M125	X	.065	.065	0	%100
118	M125	Z	.038	.038	0	%100
119	M126	X	.065	.065	0	%100
120	M126	Z	.038	.038	0	%100
121	M131	X	.065	.065	0	%100
122	M131	Z	.038	.038	0	%100
123	M132	X	.065	.065	0	%100
124	M132	Z	.038	.038	0	%100
125	MPC3	X	.394	.394	0	%100
126	MPC3	Z	.228	.228	0	%100
127	M138	X	.065	.065	0	%100
128	M138	Z	.038	.038	0	%100
129	M139	X	.065	.065	0	%100
130	M139	Z	.038	.038	0	%100
131	M144	X	.065	.065	0	%100
132	M144	Z	.038	.038	0	%100
133	M145	X	.065	.065	0	%100
134	M145	Z	.038	.038	0	%100
135	MPB3	X	.394	.394	0	%100
136	MPB3	Z	.228	.228	0	%100
137	M151	X	0	0	0	%100
138	M151	Z	0	0	0	%100
139	M152	X	0	0	0	%100
140	M152	Z	0	0	0	%100
141	M157	X	0	0	0	%100
142	M157	Z	0	0	0	%100
143	M158	X	0	0	0	%100
144	M158	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.334	.334	0	%100
2	M1	Z	.578	.578	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
3	M4	X	.118	.118	0	%100
4	M4	Z	.204	.204	0	%100
5	M10	X	.299	.299	0	%100
6	M10	Z	.517	.517	0	%100
7	MP3A	X	.38	.38	0	%100
8	MP3A	Z	.659	.659	0	%100
9	MP4A	X	.314	.314	0	%100
10	MP4A	Z	.544	.544	0	%100
11	MP2A	X	.314	.314	0	%100
12	MP2A	Z	.544	.544	0	%100
13	MP1A	X	.314	.314	0	%100
14	MP1A	Z	.544	.544	0	%100
15	M43	X	.299	.299	0	%100
16	M43	Z	.517	.517	0	%100
17	M46	X	.596	.596	0	%100
18	M46	Z	1.031	1.031	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.331	.331	0	%100
22	M52B	Z	.573	.573	0	%100
23	M76	X	.199	.199	0	%100
24	M76	Z	.344	.344	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	.199	.199	0	%100
30	M84	Z	.344	.344	0	%100
31	M85	X	.607	.607	0	%100
32	M85	Z	1.051	1.051	0	%100
33	M91	X	.639	.639	0	%100
34	M91	Z	1.107	1.107	0	%100
35	M52A	X	.47	.47	0	%100
36	M52A	Z	.815	.815	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	.331	.331	0	%100
44	M58A	Z	.573	.573	0	%100
45	M59A	X	.331	.331	0	%100
46	M59A	Z	.573	.573	0	%100
47	M63	X	.794	.794	0	%100
48	M63	Z	1.375	1.375	0	%100
49	M64	X	.607	.607	0	%100
50	M64	Z	1.051	1.051	0	%100
51	M66	X	.639	.639	0	%100
52	M66	Z	1.107	1.107	0	%100
53	M68	X	.794	.794	0	%100
54	M68	Z	1.375	1.375	0	%100
55	M69	X	.607	.607	0	%100
56	M69	Z	1.051	1.051	0	%100
57	M71	X	.639	.639	0	%100
58	M71	Z	1.107	1.107	0	%100
59	M76A	X	.118	.118	0	%100
60	M76A	Z	.204	.204	0	%100
61	M77A	X	.299	.299	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
62	M77A	Z	.517	.517	0	%100
63	M78	X	.299	.299	0	%100
64	M78	Z	.517	.517	0	%100
65	M79A	X	.596	.596	0	%100
66	M79A	Z	1.031	1.031	0	%100
67	M82	X	.331	.331	0	%100
68	M82	Z	.573	.573	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	.199	.199	0	%100
72	M87	Z	.344	.344	0	%100
73	M88A	X	.607	.607	0	%100
74	M88A	Z	1.051	1.051	0	%100
75	M90	X	.639	.639	0	%100
76	M90	Z	1.107	1.107	0	%100
77	M92A	X	.199	.199	0	%100
78	M92A	Z	.344	.344	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	.334	.334	0	%100
86	M91B	Z	.578	.578	0	%100
87	MP3C	X	.38	.38	0	%100
88	MP3C	Z	.659	.659	0	%100
89	MP4C	X	.314	.314	0	%100
90	MP4C	Z	.544	.544	0	%100
91	MP2C	X	.314	.314	0	%100
92	MP2C	Z	.544	.544	0	%100
93	MP1C	X	.314	.314	0	%100
94	MP1C	Z	.544	.544	0	%100
95	MP3B	X	.38	.38	0	%100
96	MP3B	Z	.659	.659	0	%100
97	MP4B	X	.314	.314	0	%100
98	MP4B	Z	.544	.544	0	%100
99	MP2B	X	.314	.314	0	%100
100	MP2B	Z	.544	.544	0	%100
101	MP1B	X	.314	.314	0	%100
102	MP1B	Z	.544	.544	0	%100
103	M100	X	.285	.285	0	%100
104	M100	Z	.494	.494	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	.285	.285	0	%100
108	M114	Z	.494	.494	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	.276	.276	0	%100
112	M122	Z	.477	.477	0	%100
113	M123	X	.276	.276	0	%100
114	M123	Z	.477	.477	0	%100
115	MPA3	X	.228	.228	0	%100
116	MPA3	Z	.394	.394	0	%100
117	M125	X	.013	.013	0	%100
118	M125	Z	.022	.022	0	%100
119	M126	X	.013	.013	0	%100
120	M126	Z	.022	.022	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
121	M131	X	.013	.013	0	%100
122	M131	Z	.022	.022	0	%100
123	M132	X	.013	.013	0	%100
124	M132	Z	.022	.022	0	%100
125	MPC3	X	.228	.228	0	%100
126	MPC3	Z	.394	.394	0	%100
127	M138	X	.05	.05	0	%100
128	M138	Z	.087	.087	0	%100
129	M139	X	.05	.05	0	%100
130	M139	Z	.087	.087	0	%100
131	M144	X	.05	.05	0	%100
132	M144	Z	.087	.087	0	%100
133	M145	X	.05	.05	0	%100
134	M145	Z	.087	.087	0	%100
135	MPB3	X	.228	.228	0	%100
136	MPB3	Z	.394	.394	0	%100
137	M151	X	.013	.013	0	%100
138	M151	Z	.022	.022	0	%100
139	M152	X	.013	.013	0	%100
140	M152	Z	.022	.022	0	%100
141	M157	X	.013	.013	0	%100
142	M157	Z	.022	.022	0	%100
143	M158	X	.013	.013	0	%100
144	M158	Z	.022	.022	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.891	.891	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	.796	.796	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	.761	.761	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	.629	.629	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	.629	.629	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	.629	.629	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	.796	.796	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	1.588	1.588	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.22	.22	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.22	.22	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	.404	.404	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	.426	.426	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
32	M85	Z	.404	.404	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	.426	.426	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	.706	.706	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	.199	.199	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	.199	.199	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	.397	.397	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	.22	.22	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	.882	.882	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	1.191	1.191	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	.404	.404	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	.426	.426	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	1.191	1.191	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	1.617	1.617	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	1.704	1.704	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	.706	.706	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	.199	.199	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	.199	.199	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	.397	.397	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	.882	.882	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	.22	.22	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	1.191	1.191	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	1.617	1.617	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	1.704	1.704	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	1.191	1.191	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	.404	.404	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	.426	.426	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	.223	.223	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	.223	.223	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	.761	.761	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	.629	.629	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
91	MP2C	X	0	0	0	%100
92	MP2C	Z	.629	.629	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	.629	.629	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	.761	.761	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	.629	.629	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	.629	.629	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	.629	.629	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	.761	.761	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	.19	.19	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	.19	.19	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	.184	.184	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	.735	.735	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	.184	.184	0	%100
115	MPA3	X	0	0	0	%100
116	MPA3	Z	.455	.455	0	%100
117	M125	X	0	0	0	%100
118	M125	Z	0	0	0	%100
119	M126	X	0	0	0	%100
120	M126	Z	0	0	0	%100
121	M131	X	0	0	0	%100
122	M131	Z	0	0	0	%100
123	M132	X	0	0	0	%100
124	M132	Z	0	0	0	%100
125	MPC3	X	0	0	0	%100
126	MPC3	Z	.455	.455	0	%100
127	M138	X	0	0	0	%100
128	M138	Z	.075	.075	0	%100
129	M139	X	0	0	0	%100
130	M139	Z	.075	.075	0	%100
131	M144	X	0	0	0	%100
132	M144	Z	.075	.075	0	%100
133	M145	X	0	0	0	%100
134	M145	Z	.075	.075	0	%100
135	MPB3	X	0	0	0	%100
136	MPB3	Z	.455	.455	0	%100
137	M151	X	0	0	0	%100
138	M151	Z	.075	.075	0	%100
139	M152	X	0	0	0	%100
140	M152	Z	.075	.075	0	%100
141	M157	X	0	0	0	%100
142	M157	Z	.075	.075	0	%100
143	M158	X	0	0	0	%100
144	M158	Z	.075	.075	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.334	-.334	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
2	M1	Z	.578	.578	0	%100
3	M4	X	-.118	-.118	0	%100
4	M4	Z	.204	.204	0	%100
5	M10	X	-.299	-.299	0	%100
6	M10	Z	.517	.517	0	%100
7	MP3A	X	-.38	-.38	0	%100
8	MP3A	Z	.659	.659	0	%100
9	MP4A	X	-.314	-.314	0	%100
10	MP4A	Z	.544	.544	0	%100
11	MP2A	X	-.314	-.314	0	%100
12	MP2A	Z	.544	.544	0	%100
13	MP1A	X	-.314	-.314	0	%100
14	MP1A	Z	.544	.544	0	%100
15	M43	X	-.299	-.299	0	%100
16	M43	Z	.517	.517	0	%100
17	M46	X	-.596	-.596	0	%100
18	M46	Z	1.031	1.031	0	%100
19	M51B	X	-.331	-.331	0	%100
20	M51B	Z	.573	.573	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.199	-.199	0	%100
24	M76	Z	.344	.344	0	%100
25	M77	X	-.607	-.607	0	%100
26	M77	Z	1.051	1.051	0	%100
27	M80	X	-.639	-.639	0	%100
28	M80	Z	1.107	1.107	0	%100
29	M84	X	-.199	-.199	0	%100
30	M84	Z	.344	.344	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	M52A	X	-.118	-.118	0	%100
36	M52A	Z	.204	.204	0	%100
37	M53	X	-.299	-.299	0	%100
38	M53	Z	.517	.517	0	%100
39	M54	X	-.299	-.299	0	%100
40	M54	Z	.517	.517	0	%100
41	M55	X	-.596	-.596	0	%100
42	M55	Z	1.031	1.031	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	-.331	-.331	0	%100
46	M59A	Z	.573	.573	0	%100
47	M63	X	-.199	-.199	0	%100
48	M63	Z	.344	.344	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-.199	-.199	0	%100
54	M68	Z	.344	.344	0	%100
55	M69	X	-.607	-.607	0	%100
56	M69	Z	1.051	1.051	0	%100
57	M71	X	-.639	-.639	0	%100
58	M71	Z	1.107	1.107	0	%100
59	M76A	X	-.47	-.47	0	%100
60	M76A	Z	.815	.815	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	-.331	-.331	0	%100
68	M82	Z	.573	.573	0	%100
69	M83A	X	-.331	-.331	0	%100
70	M83A	Z	.573	.573	0	%100
71	M87	X	-.794	-.794	0	%100
72	M87	Z	1.375	1.375	0	%100
73	M88A	X	-.607	-.607	0	%100
74	M88A	Z	1.051	1.051	0	%100
75	M90	X	-.639	-.639	0	%100
76	M90	Z	1.107	1.107	0	%100
77	M92A	X	-.794	-.794	0	%100
78	M92A	Z	1.375	1.375	0	%100
79	M93	X	-.607	-.607	0	%100
80	M93	Z	1.051	1.051	0	%100
81	M95	X	-.639	-.639	0	%100
82	M95	Z	1.107	1.107	0	%100
83	M82A	X	-.334	-.334	0	%100
84	M82A	Z	.578	.578	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	-.38	-.38	0	%100
88	MP3C	Z	.659	.659	0	%100
89	MP4C	X	-.314	-.314	0	%100
90	MP4C	Z	.544	.544	0	%100
91	MP2C	X	-.314	-.314	0	%100
92	MP2C	Z	.544	.544	0	%100
93	MP1C	X	-.314	-.314	0	%100
94	MP1C	Z	.544	.544	0	%100
95	MP3B	X	-.38	-.38	0	%100
96	MP3B	Z	.659	.659	0	%100
97	MP4B	X	-.314	-.314	0	%100
98	MP4B	Z	.544	.544	0	%100
99	MP2B	X	-.314	-.314	0	%100
100	MP2B	Z	.544	.544	0	%100
101	MP1B	X	-.314	-.314	0	%100
102	MP1B	Z	.544	.544	0	%100
103	M100	X	-.285	-.285	0	%100
104	M100	Z	.494	.494	0	%100
105	M107	X	-.285	-.285	0	%100
106	M107	Z	.494	.494	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	-.276	-.276	0	%100
110	M121	Z	.477	.477	0	%100
111	M122	X	-.276	-.276	0	%100
112	M122	Z	.477	.477	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	MPA3	X	-.228	-.228	0	%100
116	MPA3	Z	.394	.394	0	%100
117	M125	X	-.013	-.013	0	%100
118	M125	Z	.022	.022	0	%100
119	M126	X	-.013	-.013	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
120	M126	Z	.022	.022	0	%100
121	M131	X	-.013	-.013	0	%100
122	M131	Z	.022	.022	0	%100
123	M132	X	-.013	-.013	0	%100
124	M132	Z	.022	.022	0	%100
125	MPC3	X	-.228	-.228	0	%100
126	MPC3	Z	.394	.394	0	%100
127	M138	X	-.013	-.013	0	%100
128	M138	Z	.022	.022	0	%100
129	M139	X	-.013	-.013	0	%100
130	M139	Z	.022	.022	0	%100
131	M144	X	-.013	-.013	0	%100
132	M144	Z	.022	.022	0	%100
133	M145	X	-.013	-.013	0	%100
134	M145	Z	.022	.022	0	%100
135	MPB3	X	-.228	-.228	0	%100
136	MPB3	Z	.394	.394	0	%100
137	M151	X	-.05	-.05	0	%100
138	M151	Z	.087	.087	0	%100
139	M152	X	-.05	-.05	0	%100
140	M152	Z	.087	.087	0	%100
141	M157	X	-.05	-.05	0	%100
142	M157	Z	.087	.087	0	%100
143	M158	X	-.05	-.05	0	%100
144	M158	Z	.087	.087	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.193	-.193	0	%100
2	M1	Z	.111	.111	0	%100
3	M4	X	-.611	-.611	0	%100
4	M4	Z	.353	.353	0	%100
5	M10	X	-.172	-.172	0	%100
6	M10	Z	.1	.1	0	%100
7	MP3A	X	-.659	-.659	0	%100
8	MP3A	Z	.38	.38	0	%100
9	MP4A	X	-.544	-.544	0	%100
10	MP4A	Z	.314	.314	0	%100
11	MP2A	X	-.544	-.544	0	%100
12	MP2A	Z	.314	.314	0	%100
13	MP1A	X	-.544	-.544	0	%100
14	MP1A	Z	.314	.314	0	%100
15	M43	X	-.172	-.172	0	%100
16	M43	Z	.1	.1	0	%100
17	M46	X	-.344	-.344	0	%100
18	M46	Z	.199	.199	0	%100
19	M51B	X	-.764	-.764	0	%100
20	M51B	Z	.441	.441	0	%100
21	M52B	X	-.191	-.191	0	%100
22	M52B	Z	.11	.11	0	%100
23	M76	X	-1.031	-1.031	0	%100
24	M76	Z	.596	.596	0	%100
25	M77	X	-1.401	-1.401	0	%100
26	M77	Z	.809	.809	0	%100
27	M80	X	-1.475	-1.475	0	%100
28	M80	Z	.852	.852	0	%100
29	M84	X	-1.031	-1.031	0	%100
30	M84	Z	.596	.596	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
31	M85	X	-.35	-.35	0	%100
32	M85	Z	.202	.202	0	%100
33	M91	X	-.369	-.369	0	%100
34	M91	Z	.213	.213	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-.69	-.69	0	%100
38	M53	Z	.398	.398	0	%100
39	M54	X	-.69	-.69	0	%100
40	M54	Z	.398	.398	0	%100
41	M55	X	-1.375	-1.375	0	%100
42	M55	Z	.794	.794	0	%100
43	M58A	X	-.191	-.191	0	%100
44	M58A	Z	.11	.11	0	%100
45	M59A	X	-.191	-.191	0	%100
46	M59A	Z	.11	.11	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-.35	-.35	0	%100
50	M64	Z	.202	.202	0	%100
51	M66	X	-.369	-.369	0	%100
52	M66	Z	.213	.213	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	-.35	-.35	0	%100
56	M69	Z	.202	.202	0	%100
57	M71	X	-.369	-.369	0	%100
58	M71	Z	.213	.213	0	%100
59	M76A	X	-.611	-.611	0	%100
60	M76A	Z	.353	.353	0	%100
61	M77A	X	-.172	-.172	0	%100
62	M77A	Z	.1	.1	0	%100
63	M78	X	-.172	-.172	0	%100
64	M78	Z	.1	.1	0	%100
65	M79A	X	-.344	-.344	0	%100
66	M79A	Z	.199	.199	0	%100
67	M82	X	-.191	-.191	0	%100
68	M82	Z	.11	.11	0	%100
69	M83A	X	-.764	-.764	0	%100
70	M83A	Z	.441	.441	0	%100
71	M87	X	-1.031	-1.031	0	%100
72	M87	Z	.596	.596	0	%100
73	M88A	X	-.35	-.35	0	%100
74	M88A	Z	.202	.202	0	%100
75	M90	X	-.369	-.369	0	%100
76	M90	Z	.213	.213	0	%100
77	M92A	X	-1.031	-1.031	0	%100
78	M92A	Z	.596	.596	0	%100
79	M93	X	-1.401	-1.401	0	%100
80	M93	Z	.809	.809	0	%100
81	M95	X	-1.475	-1.475	0	%100
82	M95	Z	.852	.852	0	%100
83	M82A	X	-.771	-.771	0	%100
84	M82A	Z	.445	.445	0	%100
85	M91B	X	-.193	-.193	0	%100
86	M91B	Z	.111	.111	0	%100
87	MP3C	X	-.659	-.659	0	%100
88	MP3C	Z	.38	.38	0	%100
89	MP4C	X	-.544	-.544	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
90	MP4C	Z	.314	.314	0	%100
91	MP2C	X	-.544	-.544	0	%100
92	MP2C	Z	.314	.314	0	%100
93	MP1C	X	-.544	-.544	0	%100
94	MP1C	Z	.314	.314	0	%100
95	MP3B	X	-.659	-.659	0	%100
96	MP3B	Z	.38	.38	0	%100
97	MP4B	X	-.544	-.544	0	%100
98	MP4B	Z	.314	.314	0	%100
99	MP2B	X	-.544	-.544	0	%100
100	MP2B	Z	.314	.314	0	%100
101	MP1B	X	-.544	-.544	0	%100
102	MP1B	Z	.314	.314	0	%100
103	M100	X	-.165	-.165	0	%100
104	M100	Z	.095	.095	0	%100
105	M107	X	-.659	-.659	0	%100
106	M107	Z	.38	.38	0	%100
107	M114	X	-.165	-.165	0	%100
108	M114	Z	.095	.095	0	%100
109	M121	X	-.637	-.637	0	%100
110	M121	Z	.368	.368	0	%100
111	M122	X	-.159	-.159	0	%100
112	M122	Z	.092	.092	0	%100
113	M123	X	-.159	-.159	0	%100
114	M123	Z	.092	.092	0	%100
115	MPA3	X	-.394	-.394	0	%100
116	MPA3	Z	.228	.228	0	%100
117	M125	X	-.065	-.065	0	%100
118	M125	Z	.038	.038	0	%100
119	M126	X	-.065	-.065	0	%100
120	M126	Z	.038	.038	0	%100
121	M131	X	-.065	-.065	0	%100
122	M131	Z	.038	.038	0	%100
123	M132	X	-.065	-.065	0	%100
124	M132	Z	.038	.038	0	%100
125	MPC3	X	-.394	-.394	0	%100
126	MPC3	Z	.228	.228	0	%100
127	M138	X	0	0	0	%100
128	M138	Z	0	0	0	%100
129	M139	X	0	0	0	%100
130	M139	Z	0	0	0	%100
131	M144	X	0	0	0	%100
132	M144	Z	0	0	0	%100
133	M145	X	0	0	0	%100
134	M145	Z	0	0	0	%100
135	MPB3	X	-.394	-.394	0	%100
136	MPB3	Z	.228	.228	0	%100
137	M151	X	-.065	-.065	0	%100
138	M151	Z	.038	.038	0	%100
139	M152	X	-.065	-.065	0	%100
140	M152	Z	.038	.038	0	%100
141	M157	X	-.065	-.065	0	%100
142	M157	Z	.038	.038	0	%100
143	M158	X	-.065	-.065	0	%100
144	M158	Z	.038	.038	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.941	-.941	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	-.761	-.761	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-.629	-.629	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-.629	-.629	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-.629	-.629	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	-.661	-.661	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.661	-.661	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-1.588	-1.588	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-1.213	-1.213	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-1.278	-1.278	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-1.588	-1.588	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-1.213	-1.213	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-1.278	-1.278	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-.235	-.235	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-.597	-.597	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	-.597	-.597	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	-1.191	-1.191	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-.661	-.661	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	-.397	-.397	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-1.213	-1.213	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	-1.278	-1.278	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-.397	-.397	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	-.235	-.235	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
60	M76A	Z	0	0	0	%100
61	M77A	X	-.597	-.597	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	-.597	-.597	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	-1.191	-1.191	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	-.661	-.661	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-.397	-.397	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	-.397	-.397	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-1.213	-1.213	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	-1.278	-1.278	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	-.668	-.668	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-.668	-.668	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	-.761	-.761	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	-.629	-.629	0	%100
90	MP4C	Z	0	0	0	%100
91	MP2C	X	-.629	-.629	0	%100
92	MP2C	Z	0	0	0	%100
93	MP1C	X	-.629	-.629	0	%100
94	MP1C	Z	0	0	0	%100
95	MP3B	X	-.761	-.761	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-.629	-.629	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-.629	-.629	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-.629	-.629	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M107	X	-.571	-.571	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	-.571	-.571	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	-.551	-.551	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-.551	-.551	0	%100
114	M123	Z	0	0	0	%100
115	MPA3	X	-.455	-.455	0	%100
116	MPA3	Z	0	0	0	%100
117	M125	X	-.1	-.1	0	%100
118	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
119	M126	X	-.1	-.1	0	%100
120	M126	Z	0	0	0	%100
121	M131	X	-.1	-.1	0	%100
122	M131	Z	0	0	0	%100
123	M132	X	-.1	-.1	0	%100
124	M132	Z	0	0	0	%100
125	MPC3	X	-.455	-.455	0	%100
126	MPC3	Z	0	0	0	%100
127	M138	X	-.025	-.025	0	%100
128	M138	Z	0	0	0	%100
129	M139	X	-.025	-.025	0	%100
130	M139	Z	0	0	0	%100
131	M144	X	-.025	-.025	0	%100
132	M144	Z	0	0	0	%100
133	M145	X	-.025	-.025	0	%100
134	M145	Z	0	0	0	%100
135	MPB3	X	-.455	-.455	0	%100
136	MPB3	Z	0	0	0	%100
137	M151	X	-.025	-.025	0	%100
138	M151	Z	0	0	0	%100
139	M152	X	-.025	-.025	0	%100
140	M152	Z	0	0	0	%100
141	M157	X	-.025	-.025	0	%100
142	M157	Z	0	0	0	%100
143	M158	X	-.025	-.025	0	%100
144	M158	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.193	-.193	0	%100
2	M1	Z	-.111	-.111	0	%100
3	M4	X	-.611	-.611	0	%100
4	M4	Z	-.353	-.353	0	%100
5	M10	X	-.172	-.172	0	%100
6	M10	Z	-.1	-.1	0	%100
7	MP3A	X	-.659	-.659	0	%100
8	MP3A	Z	-.38	-.38	0	%100
9	MP4A	X	-.544	-.544	0	%100
10	MP4A	Z	-.314	-.314	0	%100
11	MP2A	X	-.544	-.544	0	%100
12	MP2A	Z	-.314	-.314	0	%100
13	MP1A	X	-.544	-.544	0	%100
14	MP1A	Z	-.314	-.314	0	%100
15	M43	X	-.172	-.172	0	%100
16	M43	Z	-.1	-.1	0	%100
17	M46	X	-.344	-.344	0	%100
18	M46	Z	-.199	-.199	0	%100
19	M51B	X	-.191	-.191	0	%100
20	M51B	Z	-.11	-.11	0	%100
21	M52B	X	-.764	-.764	0	%100
22	M52B	Z	-.441	-.441	0	%100
23	M76	X	-1.031	-1.031	0	%100
24	M76	Z	-.596	-.596	0	%100
25	M77	X	-.35	-.35	0	%100
26	M77	Z	-.202	-.202	0	%100
27	M80	X	-.369	-.369	0	%100
28	M80	Z	-.213	-.213	0	%100
29	M84	X	-1.031	-1.031	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
30	M84	Z	-.596	-.596	0	%100
31	M85	X	-1.401	-1.401	0	%100
32	M85	Z	-.809	-.809	0	%100
33	M91	X	-1.475	-1.475	0	%100
34	M91	Z	-.852	-.852	0	%100
35	M52A	X	-.611	-.611	0	%100
36	M52A	Z	-.353	-.353	0	%100
37	M53	X	-.172	-.172	0	%100
38	M53	Z	-.1	-.1	0	%100
39	M54	X	-.172	-.172	0	%100
40	M54	Z	-.1	-.1	0	%100
41	M55	X	-.344	-.344	0	%100
42	M55	Z	-.199	-.199	0	%100
43	M58A	X	-.764	-.764	0	%100
44	M58A	Z	-.441	-.441	0	%100
45	M59A	X	-.191	-.191	0	%100
46	M59A	Z	-.11	-.11	0	%100
47	M63	X	-1.031	-1.031	0	%100
48	M63	Z	-.596	-.596	0	%100
49	M64	X	-1.401	-1.401	0	%100
50	M64	Z	-.809	-.809	0	%100
51	M66	X	-1.475	-1.475	0	%100
52	M66	Z	-.852	-.852	0	%100
53	M68	X	-1.031	-1.031	0	%100
54	M68	Z	-.596	-.596	0	%100
55	M69	X	-.35	-.35	0	%100
56	M69	Z	-.202	-.202	0	%100
57	M71	X	-.369	-.369	0	%100
58	M71	Z	-.213	-.213	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-.69	-.69	0	%100
62	M77A	Z	-.398	-.398	0	%100
63	M78	X	-.69	-.69	0	%100
64	M78	Z	-.398	-.398	0	%100
65	M79A	X	-1.375	-1.375	0	%100
66	M79A	Z	-.794	-.794	0	%100
67	M82	X	-.191	-.191	0	%100
68	M82	Z	-.11	-.11	0	%100
69	M83A	X	-.191	-.191	0	%100
70	M83A	Z	-.11	-.11	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	-.35	-.35	0	%100
74	M88A	Z	-.202	-.202	0	%100
75	M90	X	-.369	-.369	0	%100
76	M90	Z	-.213	-.213	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-.35	-.35	0	%100
80	M93	Z	-.202	-.202	0	%100
81	M95	X	-.369	-.369	0	%100
82	M95	Z	-.213	-.213	0	%100
83	M82A	X	-.193	-.193	0	%100
84	M82A	Z	-.111	-.111	0	%100
85	M91B	X	-.771	-.771	0	%100
86	M91B	Z	-.445	-.445	0	%100
87	MP3C	X	-.659	-.659	0	%100
88	MP3C	Z	-.38	-.38	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
89	MP4C	X	-.544	-.544	0	%100
90	MP4C	Z	-.314	-.314	0	%100
91	MP2C	X	-.544	-.544	0	%100
92	MP2C	Z	-.314	-.314	0	%100
93	MP1C	X	-.544	-.544	0	%100
94	MP1C	Z	-.314	-.314	0	%100
95	MP3B	X	-.659	-.659	0	%100
96	MP3B	Z	-.38	-.38	0	%100
97	MP4B	X	-.544	-.544	0	%100
98	MP4B	Z	-.314	-.314	0	%100
99	MP2B	X	-.544	-.544	0	%100
100	MP2B	Z	-.314	-.314	0	%100
101	MP1B	X	-.544	-.544	0	%100
102	MP1B	Z	-.314	-.314	0	%100
103	M100	X	-.165	-.165	0	%100
104	M100	Z	-.095	-.095	0	%100
105	M107	X	-.165	-.165	0	%100
106	M107	Z	-.095	-.095	0	%100
107	M114	X	-.659	-.659	0	%100
108	M114	Z	-.38	-.38	0	%100
109	M121	X	-.159	-.159	0	%100
110	M121	Z	-.092	-.092	0	%100
111	M122	X	-.159	-.159	0	%100
112	M122	Z	-.092	-.092	0	%100
113	M123	X	-.637	-.637	0	%100
114	M123	Z	-.368	-.368	0	%100
115	MPA3	X	-.394	-.394	0	%100
116	MPA3	Z	-.228	-.228	0	%100
117	M125	X	-.065	-.065	0	%100
118	M125	Z	-.038	-.038	0	%100
119	M126	X	-.065	-.065	0	%100
120	M126	Z	-.038	-.038	0	%100
121	M131	X	-.065	-.065	0	%100
122	M131	Z	-.038	-.038	0	%100
123	M132	X	-.065	-.065	0	%100
124	M132	Z	-.038	-.038	0	%100
125	MPC3	X	-.394	-.394	0	%100
126	MPC3	Z	-.228	-.228	0	%100
127	M138	X	-.065	-.065	0	%100
128	M138	Z	-.038	-.038	0	%100
129	M139	X	-.065	-.065	0	%100
130	M139	Z	-.038	-.038	0	%100
131	M144	X	-.065	-.065	0	%100
132	M144	Z	-.038	-.038	0	%100
133	M145	X	-.065	-.065	0	%100
134	M145	Z	-.038	-.038	0	%100
135	MPB3	X	-.394	-.394	0	%100
136	MPB3	Z	-.228	-.228	0	%100
137	M151	X	0	0	0	%100
138	M151	Z	0	0	0	%100
139	M152	X	0	0	0	%100
140	M152	Z	0	0	0	%100
141	M157	X	0	0	0	%100
142	M157	Z	0	0	0	%100
143	M158	X	0	0	0	%100
144	M158	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.334	-.334	0	%100
2	M1	Z	-.578	-.578	0	%100
3	M4	X	-.118	-.118	0	%100
4	M4	Z	-.204	-.204	0	%100
5	M10	X	-.299	-.299	0	%100
6	M10	Z	-.517	-.517	0	%100
7	MP3A	X	-.38	-.38	0	%100
8	MP3A	Z	-.659	-.659	0	%100
9	MP4A	X	-.314	-.314	0	%100
10	MP4A	Z	-.544	-.544	0	%100
11	MP2A	X	-.314	-.314	0	%100
12	MP2A	Z	-.544	-.544	0	%100
13	MP1A	X	-.314	-.314	0	%100
14	MP1A	Z	-.544	-.544	0	%100
15	M43	X	-.299	-.299	0	%100
16	M43	Z	-.517	-.517	0	%100
17	M46	X	-.596	-.596	0	%100
18	M46	Z	-1.031	-1.031	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.331	-.331	0	%100
22	M52B	Z	-.573	-.573	0	%100
23	M76	X	-.199	-.199	0	%100
24	M76	Z	-.344	-.344	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	-.199	-.199	0	%100
30	M84	Z	-.344	-.344	0	%100
31	M85	X	-.607	-.607	0	%100
32	M85	Z	-1.051	-1.051	0	%100
33	M91	X	-.639	-.639	0	%100
34	M91	Z	-1.107	-1.107	0	%100
35	M52A	X	-.47	-.47	0	%100
36	M52A	Z	-.815	-.815	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-.331	-.331	0	%100
44	M58A	Z	-.573	-.573	0	%100
45	M59A	X	-.331	-.331	0	%100
46	M59A	Z	-.573	-.573	0	%100
47	M63	X	-.794	-.794	0	%100
48	M63	Z	-1.375	-1.375	0	%100
49	M64	X	-.607	-.607	0	%100
50	M64	Z	-1.051	-1.051	0	%100
51	M66	X	-.639	-.639	0	%100
52	M66	Z	-1.107	-1.107	0	%100
53	M68	X	-.794	-.794	0	%100
54	M68	Z	-1.375	-1.375	0	%100
55	M69	X	-.607	-.607	0	%100
56	M69	Z	-1.051	-1.051	0	%100
57	M71	X	-.639	-.639	0	%100
58	M71	Z	-1.107	-1.107	0	%100
59	M76A	X	-.118	-.118	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
60	M76A	Z	-.204	-.204	0	%100
61	M77A	X	-.299	-.299	0	%100
62	M77A	Z	-.517	-.517	0	%100
63	M78	X	-.299	-.299	0	%100
64	M78	Z	-.517	-.517	0	%100
65	M79A	X	-.596	-.596	0	%100
66	M79A	Z	-1.031	-1.031	0	%100
67	M82	X	-.331	-.331	0	%100
68	M82	Z	-.573	-.573	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-.199	-.199	0	%100
72	M87	Z	-.344	-.344	0	%100
73	M88A	X	-.607	-.607	0	%100
74	M88A	Z	-1.051	-1.051	0	%100
75	M90	X	-.639	-.639	0	%100
76	M90	Z	-1.107	-1.107	0	%100
77	M92A	X	-.199	-.199	0	%100
78	M92A	Z	-.344	-.344	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-.334	-.334	0	%100
86	M91B	Z	-.578	-.578	0	%100
87	MP3C	X	-.38	-.38	0	%100
88	MP3C	Z	-.659	-.659	0	%100
89	MP4C	X	-.314	-.314	0	%100
90	MP4C	Z	-.544	-.544	0	%100
91	MP2C	X	-.314	-.314	0	%100
92	MP2C	Z	-.544	-.544	0	%100
93	MP1C	X	-.314	-.314	0	%100
94	MP1C	Z	-.544	-.544	0	%100
95	MP3B	X	-.38	-.38	0	%100
96	MP3B	Z	-.659	-.659	0	%100
97	MP4B	X	-.314	-.314	0	%100
98	MP4B	Z	-.544	-.544	0	%100
99	MP2B	X	-.314	-.314	0	%100
100	MP2B	Z	-.544	-.544	0	%100
101	MP1B	X	-.314	-.314	0	%100
102	MP1B	Z	-.544	-.544	0	%100
103	M100	X	-.285	-.285	0	%100
104	M100	Z	-.494	-.494	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	-.285	-.285	0	%100
108	M114	Z	-.494	-.494	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-.276	-.276	0	%100
112	M122	Z	-.477	-.477	0	%100
113	M123	X	-.276	-.276	0	%100
114	M123	Z	-.477	-.477	0	%100
115	MPA3	X	-.228	-.228	0	%100
116	MPA3	Z	-.394	-.394	0	%100
117	M125	X	-.013	-.013	0	%100
118	M125	Z	-.022	-.022	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
119	M126	X	-.013	-.013	0	%100
120	M126	Z	-.022	-.022	0	%100
121	M131	X	-.013	-.013	0	%100
122	M131	Z	-.022	-.022	0	%100
123	M132	X	-.013	-.013	0	%100
124	M132	Z	-.022	-.022	0	%100
125	MPC3	X	-.228	-.228	0	%100
126	MPC3	Z	-.394	-.394	0	%100
127	M138	X	-.05	-.05	0	%100
128	M138	Z	-.087	-.087	0	%100
129	M139	X	-.05	-.05	0	%100
130	M139	Z	-.087	-.087	0	%100
131	M144	X	-.05	-.05	0	%100
132	M144	Z	-.087	-.087	0	%100
133	M145	X	-.05	-.05	0	%100
134	M145	Z	-.087	-.087	0	%100
135	MPB3	X	-.228	-.228	0	%100
136	MPB3	Z	-.394	-.394	0	%100
137	M151	X	-.013	-.013	0	%100
138	M151	Z	-.022	-.022	0	%100
139	M152	X	-.013	-.013	0	%100
140	M152	Z	-.022	-.022	0	%100
141	M157	X	-.013	-.013	0	%100
142	M157	Z	-.022	-.022	0	%100
143	M158	X	-.013	-.013	0	%100
144	M158	Z	-.022	-.022	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-1.661	-4.228	0	.832
2	M51B	Y	-4.228	-6.902	.832	1.665
3	M51B	Y	-6.902	-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	-3.462	-6.573	0	.832
7	M52B	Y	-6.573	-8.26	.832	1.665
8	M52B	Y	-8.26	-7.044	1.665	2.497
9	M52B	Y	-7.044	-4.426	2.497	3.329
10	M52B	Y	-4.426	-1.884	3.329	4.162
11	M82	Y	-1.884	-4.426	0	.832
12	M82	Y	-4.426	-7.044	.832	1.665
13	M82	Y	-7.044	-8.26	1.665	2.497
14	M82	Y	-8.26	-6.573	2.497	3.329
15	M82	Y	-6.573	-3.462	3.329	4.162
16	M83A	Y	-3.463	-6.545	0	.832
17	M83A	Y	-6.545	-8.189	.832	1.665
18	M83A	Y	-8.189	-6.902	1.665	2.497
19	M83A	Y	-6.902	-4.228	2.497	3.329
20	M83A	Y	-4.228	-1.661	3.329	4.162
21	M58A	Y	-1.665	-4.227	0	.832
22	M58A	Y	-4.227	-6.9	.832	1.665
23	M58A	Y	-6.9	-8.189	1.665	2.497
24	M58A	Y	-8.189	-6.545	2.497	3.329
25	M58A	Y	-6.545	-3.463	3.329	4.162
26	M59A	Y	-3.47	-6.578	0	.832
27	M59A	Y	-6.578	-8.256	.832	1.665
28	M59A	Y	-8.256	-7.042	1.665	2.497
29	M59A	Y	-7.042	-4.428	2.497	3.329

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
30	M59A	Y	-4.428	-1.879	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-3.451	-8.782	0	.832
2	M51B	Y	-8.782	-14.335	.832	1.665
3	M51B	Y	-14.335	-17.007	1.665	2.497
4	M51B	Y	-17.007	-13.593	2.497	3.329
5	M51B	Y	-13.593	-7.193	3.329	4.162
6	M52B	Y	-7.19	-13.652	0	.832
7	M52B	Y	-13.652	-17.156	.832	1.665
8	M52B	Y	-17.156	-14.631	1.665	2.497
9	M52B	Y	-14.631	-9.193	2.497	3.329
10	M52B	Y	-9.193	-3.914	3.329	4.162
11	M82	Y	-3.914	-9.193	0	.832
12	M82	Y	-9.193	-14.631	.832	1.665
13	M82	Y	-14.631	-17.156	1.665	2.497
14	M82	Y	-17.156	-13.652	2.497	3.329
15	M82	Y	-13.652	-7.19	3.329	4.162
16	M83A	Y	-7.193	-13.593	0	.832
17	M83A	Y	-13.593	-17.007	.832	1.665
18	M83A	Y	-17.007	-14.335	1.665	2.497
19	M83A	Y	-14.335	-8.782	2.497	3.329
20	M83A	Y	-8.782	-3.451	3.329	4.162
21	M58A	Y	-3.459	-8.779	0	.832
22	M58A	Y	-8.779	-14.33	.832	1.665
23	M58A	Y	-14.33	-17.007	1.665	2.497
24	M58A	Y	-17.007	-13.593	2.497	3.329
25	M58A	Y	-13.593	-7.192	3.329	4.162
26	M59A	Y	-7.206	-13.662	0	.832
27	M59A	Y	-13.662	-17.148	.832	1.665
28	M59A	Y	-17.148	-14.625	1.665	2.497
29	M59A	Y	-14.625	-9.197	2.497	3.329
30	M59A	Y	-9.197	-3.903	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-.042	-.106	0	.832
2	M51B	Y	-.106	-.173	.832	1.665
3	M51B	Y	-.173	-.205	1.665	2.497
4	M51B	Y	-.205	-.164	2.497	3.329
5	M51B	Y	-.164	-.087	3.329	4.162
6	M52B	Y	-.087	-.164	0	.832
7	M52B	Y	-.164	-.207	.832	1.665
8	M52B	Y	-.207	-.176	1.665	2.497
9	M52B	Y	-.176	-.111	2.497	3.329
10	M52B	Y	-.111	-.047	3.329	4.162
11	M82	Y	-.047	-.111	0	.832
12	M82	Y	-.111	-.176	.832	1.665
13	M82	Y	-.176	-.207	1.665	2.497
14	M82	Y	-.207	-.164	2.497	3.329
15	M82	Y	-.164	-.087	3.329	4.162
16	M83A	Y	-.087	-.164	0	.832
17	M83A	Y	-.164	-.205	.832	1.665
18	M83A	Y	-.205	-.173	1.665	2.497
19	M83A	Y	-.173	-.106	2.497	3.329
20	M83A	Y	-.106	-.042	3.329	4.162
21	M58A	Y	-.042	-.106	0	.832

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
22	M58A	Y	-.106	-.172	.832	1.665
23	M58A	Y	-.172	-.205	1.665	2.497
24	M58A	Y	-.205	-.164	2.497	3.329
25	M58A	Y	-.164	-.087	3.329	4.162
26	M59A	Y	-.087	-.164	0	.832
27	M59A	Y	-.164	-.206	.832	1.665
28	M59A	Y	-.206	-.176	1.665	2.497
29	M59A	Y	-.176	-.111	2.497	3.329
30	M59A	Y	-.111	-.047	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M51B	Z	-.104	-.265	0	.832
2	M51B	Z	-.265	-.433	.832	1.665
3	M51B	Z	-.433	-.513	1.665	2.497
4	M51B	Z	-.513	-.41	2.497	3.329
5	M51B	Z	-.41	-.217	3.329	4.162
6	M52B	Z	-.217	-.412	0	.832
7	M52B	Z	-.412	-.518	.832	1.665
8	M52B	Z	-.518	-.442	1.665	2.497
9	M52B	Z	-.442	-.277	2.497	3.329
10	M52B	Z	-.277	-.118	3.329	4.162
11	M82	Z	-.118	-.277	0	.832
12	M82	Z	-.277	-.442	.832	1.665
13	M82	Z	-.442	-.518	1.665	2.497
14	M82	Z	-.518	-.412	2.497	3.329
15	M82	Z	-.412	-.217	3.329	4.162
16	M83A	Z	-.217	-.41	0	.832
17	M83A	Z	-.41	-.513	.832	1.665
18	M83A	Z	-.513	-.433	1.665	2.497
19	M83A	Z	-.433	-.265	2.497	3.329
20	M83A	Z	-.265	-.104	3.329	4.162
21	M58A	Z	-.104	-.265	0	.832
22	M58A	Z	-.265	-.433	.832	1.665
23	M58A	Z	-.433	-.513	1.665	2.497
24	M58A	Z	-.513	-.41	2.497	3.329
25	M58A	Z	-.41	-.217	3.329	4.162
26	M59A	Z	-.218	-.412	0	.832
27	M59A	Z	-.412	-.518	.832	1.665
28	M59A	Z	-.518	-.441	1.665	2.497
29	M59A	Z	-.441	-.278	2.497	3.329
30	M59A	Z	-.278	-.118	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M51B	X	.104	.265	0	.832
2	M51B	X	.265	.433	.832	1.665
3	M51B	X	.433	.513	1.665	2.497
4	M51B	X	.513	.41	2.497	3.329
5	M51B	X	.41	.217	3.329	4.162
6	M52B	X	.217	.412	0	.832
7	M52B	X	.412	.518	.832	1.665
8	M52B	X	.518	.442	1.665	2.497
9	M52B	X	.442	.277	2.497	3.329
10	M52B	X	.277	.118	3.329	4.162
11	M82	X	.118	.277	0	.832
12	M82	X	.277	.442	.832	1.665
13	M82	X	.442	.518	1.665	2.497

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
14	M82	X	.518	.412	2.497	3.329
15	M82	X	.412	.217	3.329	4.162
16	M83A	X	.217	.41	0	.832
17	M83A	X	.41	.513	.832	1.665
18	M83A	X	.513	.433	1.665	2.497
19	M83A	X	.433	.265	2.497	3.329
20	M83A	X	.265	.104	3.329	4.162
21	M58A	X	.104	.265	0	.832
22	M58A	X	.265	.433	.832	1.665
23	M58A	X	.433	.513	1.665	2.497
24	M58A	X	.513	.41	2.497	3.329
25	M58A	X	.41	.217	3.329	4.162
26	M59A	X	.218	.412	0	.832
27	M59A	X	.412	.518	.832	1.665
28	M59A	X	.518	.441	1.665	2.497
29	M59A	X	.441	.278	2.497	3.329
30	M59A	X	.278	.118	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	N7	N87B	N87C	Y	Two Way	-.005
2	N118	N117	N139	N141	Y	Two Way	-.005
3	N90	N89	N111	N113	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	N7	N87B	N87C	Y	Two Way	-.011
2	N118	N117	N139	N141	Y	Two Way	-.011
3	N90	N89	N111	N113	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	N7	N87B	N87C	Y	Two Way	-.00013
2	N118	N117	N139	N141	Y	Two Way	-.00013
3	N90	N89	N111	N113	Y	Two Way	-.00013

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N6	N7	N87B	N87C	Z	Two Way	-.000326
2	N118	N117	N139	N141	Z	Two Way	-.000326
3	N90	N89	N111	N113	Z	Two Way	-.000326

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N6	N7	N87B	N87C	X	Two Way	.000326
2	N118	N117	N139	N141	X	Two Way	.000326
3	N90	N89	N111	N113	X	Two Way	.000326

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	1155.956	10	2557.323	13	2865.615	1	5.088	13	1.688	4	.027	3
2		min	-1162.713	4	485.031	7	-3023.865	7	.03	7	-1.707	10	-.295	33
3	N87D	max	2349.769	9	2492.142	21	1757.664	1	-.079	3	1.637	12	.074	3
4		min	-2481.776	3	462.616	3	-1668.226	7	-2.701	33	-1.65	6	-4.172	21

Envelope Joint Reactions (Continued)

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
5	N115	max	2603.335	11	2451.421	17	1357.999	1	.164	11	1.66	8	4.277	17
6		min	-2462.919	5	431.81	11	-1289.193	7	-2.245	17	-1.675	2	-.026	11
7	Totals:	max	5860.557	10	7073.077	19	5981.277	1						
8		min	-5860.559	4	2374.896	64	-5981.284	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M1	PIPE_3.0	.128	8.594	4	.085	4.427		6	28250.5...	65205	5.749	5.749	2....	H1-1b
2	M4	HSS4X4X4	.318	0	13	.086	0	y	24	124657....	139518	16.181	16.181	3....	H1-1b
3	M10	HSS4X4X4	.185	2.375	14	.053	2.375	y	13	136263....	139518	16.181	16.181	1....	H1-1b
4	MP3A	PIPE_2.5	.289	3	5	.122	3		7	37773.8...	50715	3.596	3.596	1....	H1-1b
5	MP4A	PIPE_2.0	.252	1	7	.173	1		7	20866.7...	32130	1.872	1.872	1....	H1-1b
6	MP2A	PIPE_2.0	.326	3	9	.094	3		7	20866.7...	32130	1.872	1.872	1....	H1-1b
7	MP1A	PIPE_2.0	.305	3	9	.173	1		7	20866.7...	32130	1.872	1.872	1....	H1-1b
8	M43	HSS4X4X4	.182	0	24	.064	0	y	13	136263....	139518	16.181	16.181	1....	H1-1b
9	M46	PL1/2x6	.199	.516	1	.097	.516	y	3	66009.2...	97200	1.012	12.15	1....	H1-1b
10	M51B	L2x2x3	.174	0	2	.014	0	y	17	9823.122	23392.8	.558	1.099	1....	H2-1
11	M52B	L2x2x3	.188	0	12	.012	0	y	21	9823.122	23392.8	.558	1.097	1....	H2-1
12	M76	PL3/8x6	.222	0	1	.315	0	y	18	70677.9...	72900	.57	9.113	1....	H1-1b
13	M77	PL3/8x6	.300	.167	7	.374	0	y	13	71601.7...	72900	.57	9.113	1....	H1-1b
14	M80	PL1/2x6	.084	.112	1	.090	.112	y	5	96757.5...	97200	1.012	12.15	1....	H1-1b
15	M84	PL3/8x6	.279	0	10	.146	0	y	20	70677.9...	72900	.57	9.113	1....	H1-1b
16	M85	PL3/8x6	.314	.167	6	.387	0	y	24	71601.7...	72900	.57	9.113	1....	H1-1b
17	M91	PL1/2x6	.074	.112	1	.089	0	y	3	96757.5...	97200	1.012	12.15	1....	H1-1b
18	M52A	HSS4X4X4	.307	0	21	.094	0	y	44	124657....	139518	16.181	16.181	3....	H1-1b
19	M53	HSS4X4X4	.184	2.375	22	.052	2.375	y	21	136263....	139518	16.181	16.181	1....	H1-1b
20	M54	HSS4X4X4	.176	0	20	.061	0	y	21	136263....	139518	16.181	16.181	1....	H1-1b
21	M55	PL1/2x6	.196	.516	10	.118	.516	y	35	66009.2...	97200	1.012	12.15	1....	H1-1b
22	M58A	L2x2x3	.171	0	10	.014	0	y	13	9823.122	23392.8	.558	1.099	1....	H2-1
23	M59A	L2x2x3	.187	0	8	.012	0	y	17	9823.122	23392.8	.558	1.097	1....	H2-1
24	M63	PL3/8x6	.217	0	9	.315	0	y	14	70677.9...	72900	.57	9.113	1....	H1-1b
25	M64	PL3/8x6	.292	.167	4	.371	0	y	22	71601.7...	72900	.57	9.113	1....	H1-1b
26	M66	PL1/2x6	.083	.112	9	.089	.112	y	1	96757.5...	97200	1.012	12.15	1....	H1-1b
27	M68	PL3/8x6	.258	0	6	.153	0	y	16	70677.9...	72900	.57	9.113	1....	H1-1b
28	M69	PL3/8x6	.314	.167	2	.372	0	y	20	71601.7...	72900	.57	9.113	1....	H1-1b
29	M71	PL1/2x6	.072	.112	9	.128	0	y	35	96757.5...	97200	1.012	12.15	1....	H1-1b
30	M76A	HSS4X4X4	.301	0	17	.079	0	y	16	124657....	139518	16.181	16.181	3....	H1-1b
31	M77A	HSS4X4X4	.178	2.375	18	.051	.223	z	5	136263....	139518	16.181	16.181	1....	H1-1b
32	M78	HSS4X4X4	.174	0	16	.061	0	y	17	136263....	139518	16.181	16.181	1....	H1-1b
33	M79A	PL1/2x6	.198	.516	6	.094	.516	y	7	66009.2...	97200	1.012	12.15	1....	H1-1b
34	M82	L2x2x3	.173	0	6	.014	0	y	21	9823.122	23392.8	.558	1.097	1....	H2-1
35	M83A	L2x2x3	.182	0	4	.012	0	y	13	9823.122	23392.8	.558	1.099	1....	H2-1
36	M87	PL3/8x6	.212	0	6	.302	0	y	22	70677.9...	72900	.57	9.113	1....	H1-1b
37	M88A	PL3/8x6	.293	.167	12	.360	0	y	18	71601.7...	72900	.57	9.113	1....	H1-1b
38	M90	PL1/2x6	.082	.112	5	.086	.112	y	9	96757.5...	97200	1.012	12.15	1....	H1-1b
39	M92A	PL3/8x6	.271	0	2	.151	0	y	24	70677.9...	72900	.57	9.113	1....	H1-1b
40	M93	PL3/8x6	.307	.167	10	.369	0	y	16	71601.7...	72900	.57	9.113	1....	H1-1b
41	M95	PL1/2x6	.074	.112	5	.085	0	y	7	96757.5...	97200	1.012	12.15	1....	H1-1b
42	M82A	PIPE_3.0	.132	8.594	12	.084	4.427		2	28250.5...	65205	5.749	5.749	2....	H1-1b
43	M91B	PIPE_3.0	.133	8.594	8	.087	4.427		10	28250.5...	65205	5.749	5.749	2....	H1-1b
44	MP3C	PIPE_2.5	.293	3	1	.124	3		3	37773.8...	50715	3.596	3.596	1....	H1-1b
45	MP4C	PIPE_2.0	.254	1	3	.173	1		3	20866.7...	32130	1.872	1.872	1....	H1-1b
46	MP2C	PIPE_2.0	.337	3	5	.094	3		3	20866.7...	32130	1.872	1.872	1....	H1-1b
47	MP1C	PIPE_2.0	.316	3	5	.172	1		3	20866.7...	32130	1.872	1.872	1....	H1-1b
48	MP3B	PIPE_2.5	.289	3	9	.131	3		11	37773.8...	50715	3.596	3.596	1....	H1-1b
49	MP4B	PIPE_2.0	.269	1	11	.190	1		11	20866.7...	32130	1.872	1.872	2....	H1-1b
50	MP2B	PIPE_2.0	.332	3	1	.102	3		11	20866.7...	32130	1.872	1.872	1....	H1-1b

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y...	phi*Mn z...	Cb	Eqn
51	MP1B	PIPE_2.0	.312	3	1	.185	1		11	20866.7...	32130	1.872	1.872	1....	H1-1b
52	M100	PIPE_2.5	.169	2.083	9	.103	11.068		8	14558.7...	50715	3.596	3.596	3....	H1-1b
53	M107	PIPE_2.5	.180	2.083	5	.103	11.068		4	14558.7...	50715	3.596	3.596	3....	H1-1b
54	M114	PIPE_2.5	.174	8.724	10	.113	11.068		11	14558.7...	50715	3.596	3.596	2....	H1-1b
55	M121	L2.5x2.5x4	.404	1.145	7	.090	0	y	12	36942.2...	38556	1.114	2.537	2....	H2-1
56	M122	L2.5x2.5x4	.453	1.145	11	.091	0	y	4	36942.2...	38556	1.114	2.537	2....	H2-1
57	M123	L2.5x2.5x4	.406	1.145	3	.088	0	y	8	36942.2...	38556	1.114	2.537	2....	H2-1
58	MPA3	PIPE_2.0	.003	1.75	13	.034	.5		8	30625.4...	32130	1.872	1.872	1	H1-1b*
59	M125	SR_0.5	.408	0	22	.276	0		24	5610.827	6350.4	.052	.052	1....	H1-1b
60	M126	SR_0.5	.410	0	22	.275	0		13	5610.827	6350.4	.052	.052	1....	H1-1b
61	M131	SR_0.5	.411	0	20	.273	0		19	5610.827	6350.4	.052	.052	1....	H1-1b
62	M132	SR_0.5	.408	0	21	.274	0		19	5610.827	6350.4	.052	.052	1....	H1-1b
63	MPC3	PIPE_2.0	.003	1.75	21	.036	.5		4	30625.4...	32130	1.872	1.872	1....	H1-1b*
64	M138	SR_0.5	.408	0	18	.276	0		20	5610.827	6350.4	.052	.052	1....	H1-1b
65	M139	SR_0.5	.411	0	18	.275	0		21	5610.827	6350.4	.052	.052	1....	H1-1b
66	M144	SR_0.5	.411	0	16	.273	0		15	5610.827	6350.4	.052	.052	1....	H1-1b
67	M145	SR_0.5	.408	0	17	.274	0		14	5610.827	6350.4	.052	.052	1....	H1-1b
68	MPB3	PIPE_2.0	.003	1.75	17	.034	.5		12	30625.4...	32130	1.872	1.872	1.2	H1-1b*
69	M151	SR_0.5	.410	0	16	.278	0		16	5610.827	6350.4	.052	.052	1....	H1-1b
70	M152	SR_0.5	.413	0	14	.277	0		17	5610.827	6350.4	.052	.052	1....	H1-1b
71	M157	SR_0.5	.409	0	24	.272	0		23	5610.827	6350.4	.052	.052	1....	H1-1b
72	M158	SR_0.5	.406	0	24	.273	0		23	5610.827	6350.4	.052	.052	1....	H1-1b

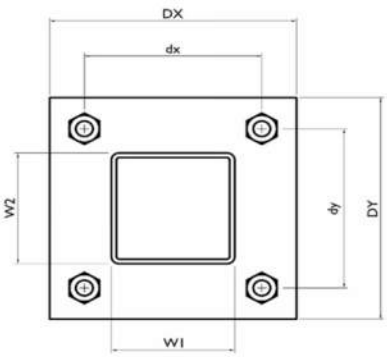
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/19/2023
Site Name:	MIDDLEFIELD SOUTH CT		
MDG #:	5000247392		
Fuze ID #:	17123768	Page:	1

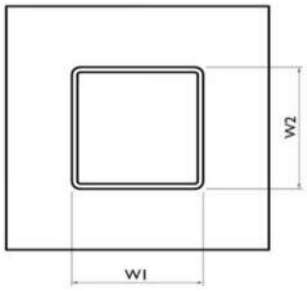
Version 1.01

I. Mount-to-Tower Connection Check

Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	8
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	8
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	4.3
Required Shear Strength / bolt (kips):	0.9
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**21.0%**



Tower Connection Baseplate Checks	Yes
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	10
Plate Height, D_y (in):	10
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.25
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.5
Length of Yield Line, L_y (in):	7.85
Bolt Eccentricity, e (in):	3.06
M_u (kip-in):	13.28
Phi*M_n (kip-in):	15.90
Plate Bending Utilization:	**83.6%**



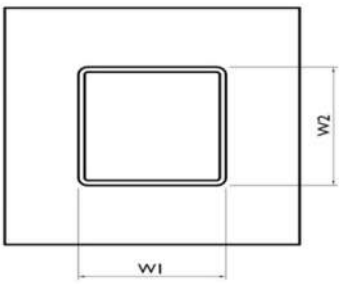
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/19/2023
Site Name:	MIDDLEFIELD SOUTH CT		
PSLC #:	5000247392		
Fuze ID #:	17123768	Page:	2

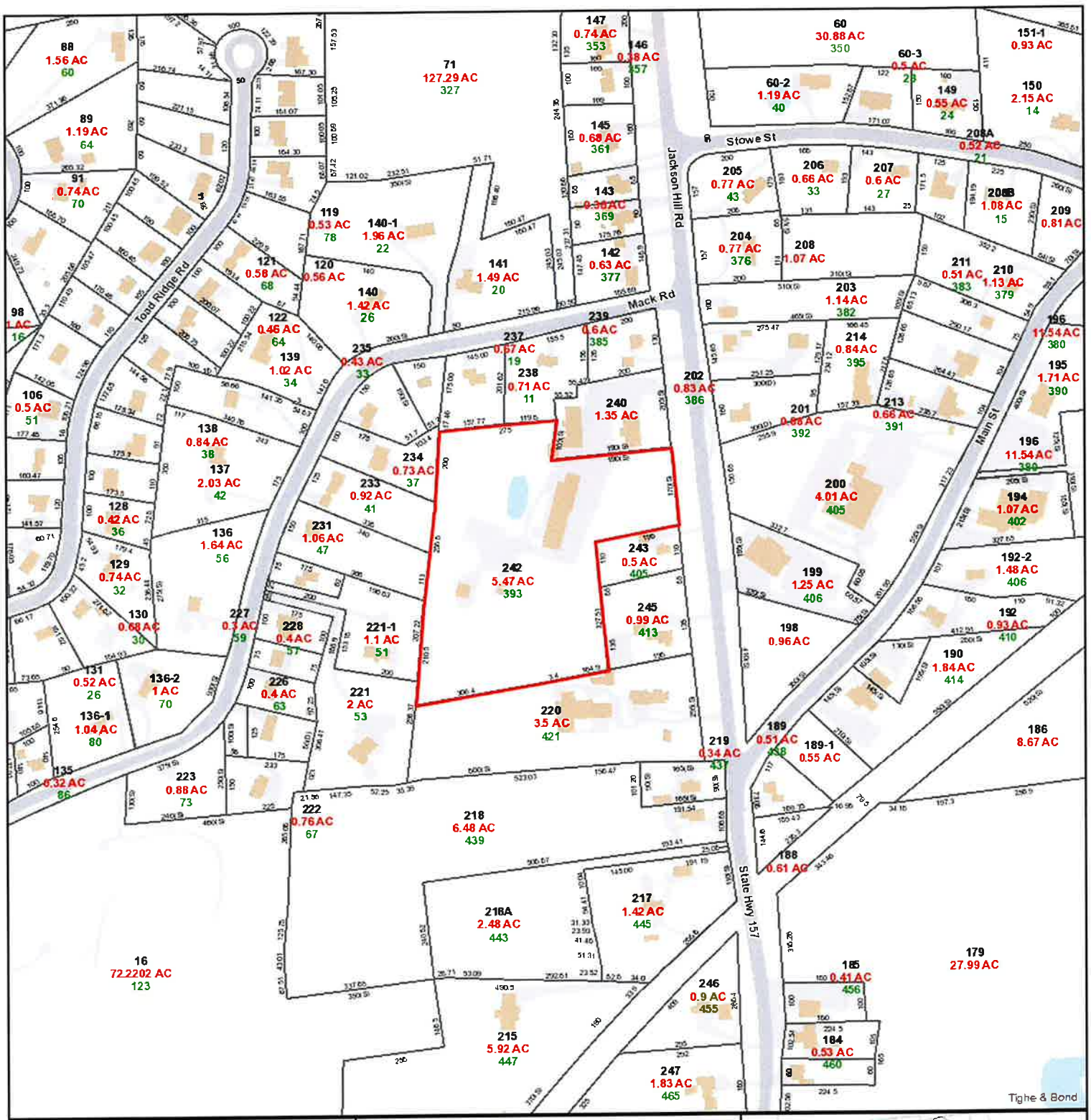
Version 1.01

Tower Connection Weld Checks	Yes

Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Stiffener Notch Length, n (in):	
Weld Size (1/16 in):	4
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	16.00
Z_x (in^3/in):	21.33
Z_y (in^3/in):	21.33
J_p (in^4/in):	85.33
c_x (in)	2.25
c_y (in)	2.25
Required combined strength (kip/in):	2.15
Weld Capacity (kip/in):	5.57
Weld Utilization:	**38.7%**



ATTACHMENT 4



393 JACKSON HILL RD

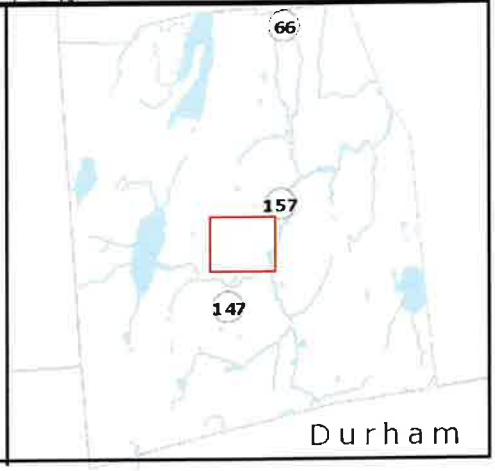
8/17/2023 7:34:51

1"=333'

Property Information

Parcel ID	11/242
Address	393 JACKSON HILL RD
Total Value	undefined

The information depicted on this map is for planning purposes only. It is not adequate for legal boundary definition, regulatory interpretation, or parcel-level analyses.



393 JACKSON HILL RD

Location 393 JACKSON HILL RD

Mblu 11/ / 242/ /

Acct# 00069300

Owner MIDDLEFIELD TOWN OF

Assessment $672,000

PID 676

Building Count 4

Current Value

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$448,800	$223,200	$672,000

Owner of Record

Owner MIDDLEFIELD TOWN OF
Co-Owner
Address PO BOX 179
MIDDLEFIELD, CT 06455

Sale Price $0
Certificate
Book & Page 0000/0000
Sale Date 01/01/1900
Instrument UNKQ

Ownership History

Ownership History					
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Instrument**	**Sale Date**
MIDDLEFIELD TOWN OF	$0		0000/0000	UNKQ	01/01/1900

Building Information

Building 1 : Section 1

Year Built: 1963
Living Area: 2,916
Replacement Cost: $462,082
Building Percent Good: 70
Replacement Cost Less Depreciation: $323,500

Building Attributes	
Field	**Description**
Style:	City/Town Hall

ATTACHMENT 5

Verizon/Middlefield South

UNITED STATES POSTAL SERVICE®

Certificate of Mailing — Firm

Name and Address of Sender	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here *Postmark with Date of Receipt.*
Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103	2	2	neopost* 08/17/2023 US POSTAGE $003.19⁰ ZIP 06103 041L12203937
	Postmaster, per *(name of receiving employee)*		

USPS® Tracking Number / Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Robert Yamartino, First Selectman Town of Middlefield 393 Jackson Hill Road Middlefield, CT 06455				
2.	Robin Newton, Consulting Town Planner Town of Middlefield 393 Jackson Hill Road Middlefield, CT 06455				
3.					
4.					
5.					
6.					

OLD STATE HOUSE POST OFFICE
AUG 17 2023
HARTFORD, CT 06103