Robinson+Cole

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Also admitted in Massachusetts and New York

September 11, 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**
208 Reed Road, Tolland, 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 Tolland ("Town") in June of 1998. Cellco's shared use of the tower was approved by the Siting Council ("Council") in August of 2010 (EM-VER-142-100802). A copy of the Town's tower approval and Cellco's shared use 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 Tolland's Chief Elected Official and Land Use Officer.

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:
Brian Foley, Town Manager
David Corcoran, Director of Planning and Development
Reed Road Realty, Property Owner
Alex Tyurin, Verizon Wireless

ATTACHMENT 1

4137

TOWN OF TOLLAND

NOTICE OF GRANTING A SPECIAL PERMIT

This is to certify that the Planning & Zoning Commission on June 22, 1998 granted a SPECIAL PERMIT.

Description of the Premises: 208 Reed Road.

Subdivision Name & Lot #, if applicable: N/A

Description in Tolland Land Records: Vol. 373 Page 95.

Section of Zoning Regulation(s) Involved: §170-93.

Nature of SPECIAL PERMIT: Allowed an existing telecommunications tower to be increased in height from 127 ½ feet to a maximum of 150 feet as measured to grade. Antennas, as indicated on the approved plans are to be installed at approximately 144 feet (measured from the vertical center of the antenna array) and may not to exceed 150 feet.

Owner(s) of Record: Nextel Communications.

Applicant (if other than owner): Omnipoint Communications, Inc.

Planning & Zoning Application number: #592.

PLANNING AND ZONING COMMISSION

By R. E. Blake

Ronald E. Blake, Town Planner
For the Planning & Zoning Commission
Endorsed: June 25, 1998

[illegible]

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@ct.gov
Internet: ct.gov/csc

Daniel F. Caruso
Chairman

August 23, 2010

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

RE: **EM-VER-142-100802** - Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 208 Reed Road, Tolland, Connecticut.

Dear Attorney Baldwin:

The Connecticut Siting Council (Council) hereby acknowledges 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 August 2, 2010, 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,

Melanie Bachman
Acting Executive Director

MB/CDM/laf

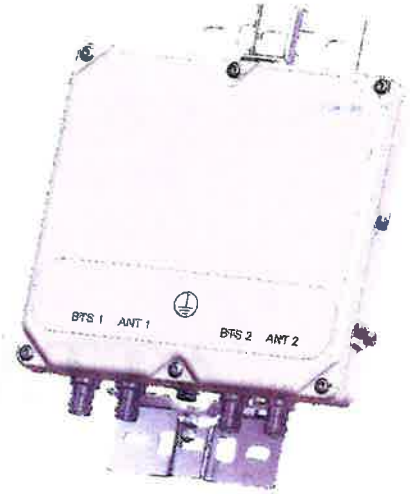
c: The Honorable Frederick M. Daniels, Chairman Town Council, Town of Tolland
Steven R. Werbner, Town Manager, Town of Tolland
Linda Farmer, Town Planner, Town of Tolland
Thomas J. Regan, Esq., Brown Rudnick LLP (o b/a TowerCo)

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 DOWNLINK 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

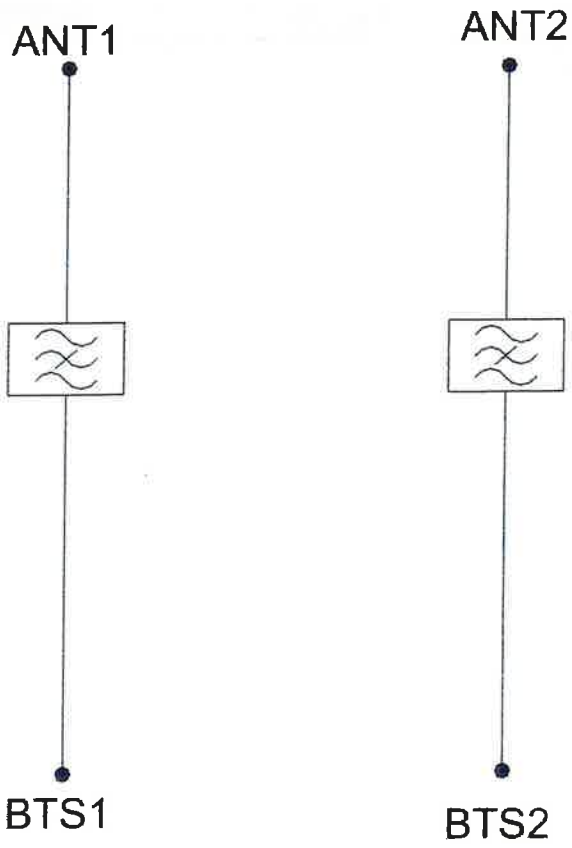
ENVIRONMENTAL	
For further details of environmental compliance, please contact Kaelus.	
Temperature range	-20°C to +60°C ¦ -4°F to +140°F
Ingress protection	IP67
Altitude	2600m ¦ 8530ft
Lightning protection	RF port: ±5kA maximum (8/20us), IEC 61000-4-5 – Unit must be terminated with some lightning protection 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.

ORDERING INFORMATION

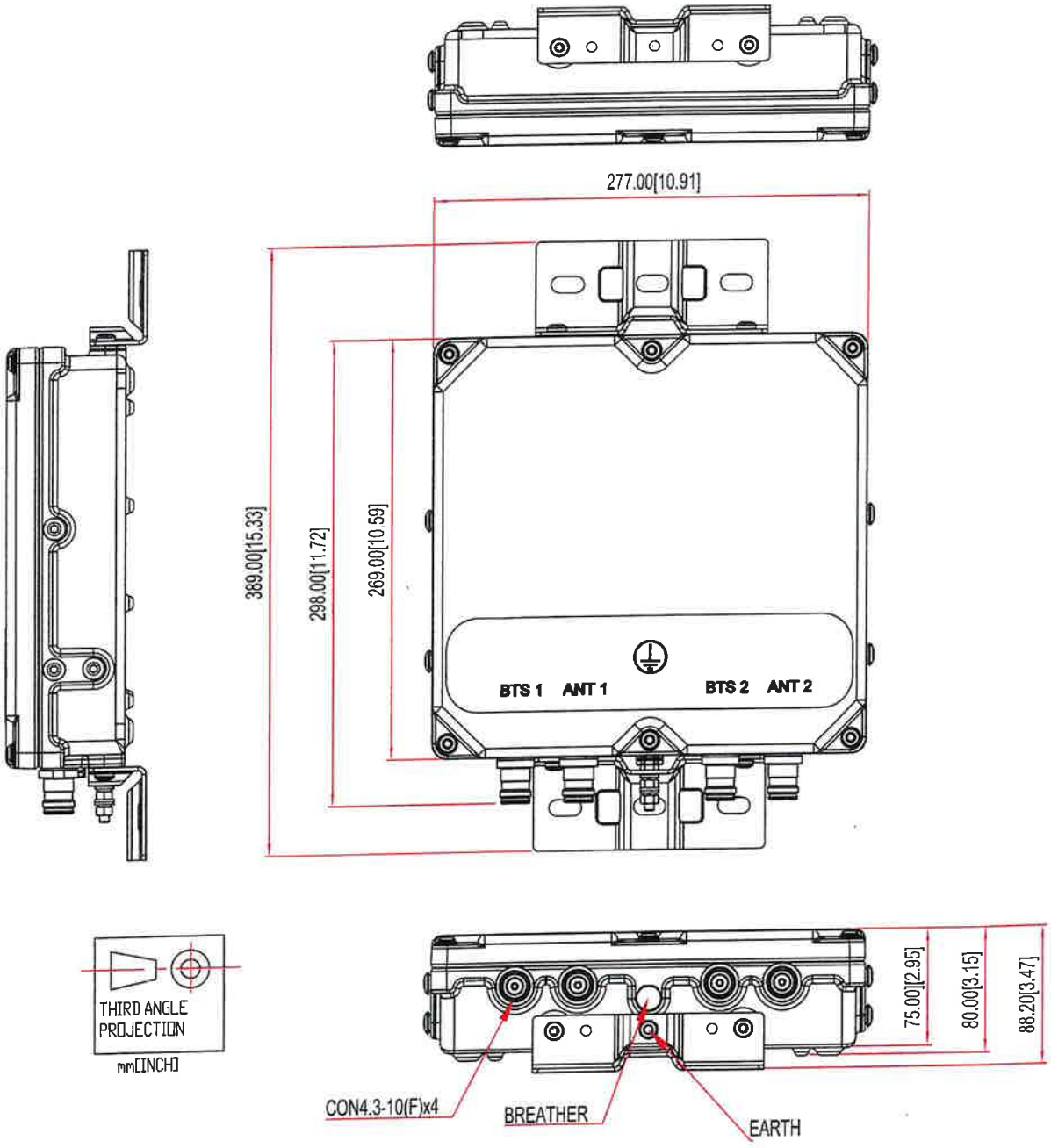
PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	CONNECTORS
BSF0020F3V1	TWIN, 2 in / 2 out	DC/AISG PASS NO BRACKET	4.3-10 (F)
BSF0020F3V1-1	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)
BSF0020F3V1-2	QUAD, 4 in / 4 out	DC/AISG PASS	4.3-10 (F)

ELECTRICAL BLOCK DIAGRAM



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

MECHANICAL BLOCK DIAGRAM



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: 5000248184 / Tolland 2 CT
Application #: 233793, v1

SBA Site ID / Name: CT46129-A / Tolland-reed Rd

150 ft Monopole

208 Reed Road
Tolland, Connecticut 06084
Lat: 41.853361, Long: -72.406139

Project number: CT46129-VZW-080123

Analysis Results

Tower	56.2%	Pass
Foundation	59.9%	Pass

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

Prepared by:

Aaron Corona
Structural Engineer I
561-322-7797
ACorona@sbasite.com

Reviewed by:

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

August 8, 2023

08/08/23

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Reviewed by:

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

August 8, 2023

Table of Contents

Introduction

The purpose of this report is to summarize the analysis results on the 150 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	EEI, Job # 4109 Rev. 1.2, dated 8/11/1998
Foundation drawings	EEI, Job # 3238, dated 12/17/1997
Geotechnical report	Applied Earth Technologies, File # HERBSTNE, dated 12/10/2007
Mount Analysis	Colliers Engineering & Design, Project # 23777157, dated 7/25/2023
Modification drawings	N/A
Latest SA	TES, Project # 127739, dated 4/18/2022

Analysis Criteria

Table 2 Code Related Data

Jurisdiction (State/County/City)	Connecticut/Tolland/Tolland
Governing Codes	ANSI/TIA/EIA 222-H, 2021 IBC, 2022 Connecticut State Building Code
Ultimate Wind Speed (3-Sec gust)	120.0 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	332.66 ft.
Seismic Parameter S_s	0.184
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	149.08	3	Scala AP11-880/090/XP – Panel	Low Profile Platform	(15) 1 1/4"	Abandoned
2		9	Andrew DB844H90E-XY - Panel			
3	138.0	3	RFS APXVAARR24_43-U-NA20 - Panel	Low Profile Platform w/ Handrail Kit + Reinforcement Kit [SitePro1 RMQP-4096-HK]	(9) 1 5/8" (1) 1 5/8" Fiber (2) 1.9" Fiber	T-Mobile
4		3	Ericsson AIR6419 B41 - Panel			
5		3	Ericsson KRY 112 489/2			
6		3	Ericsson KRY 112 144/1			
7		3	Ericsson 4449 B71 + B85			
8		3	Ericsson 4460 B25 + B66			
9		3	Kathrein 782 11056			
10	127.0	3	Samsung MT6407-77A - Panel	Platform w/ Handrail [(3) Commscope BSAMNT-SBS-1-2 (1) VZWSMART VZWSMART-PLK1 (1) VZWSMART VZWSMART-MSK10 (1) VZWSMART VZWSMART-MSK1]	(2) 1 5/8" Hybrid (11) 1 5/8"	Verizon
11		3	Commscope SBNHH-1D65B - Panel			
12		3	Commscope SBNHH-1D65A - Panel			
13		4	Antel LPA-80080/6CFx2 - Panel			
14		2	ANTEL LPA-80063/6CF-2 - Panel			
15		6	RFS FD9R6004/2C-3L Diplexer			
16		3	Samsung RF440D-13A RRU			
17		3	Samsung RF4439d-25A RRU			
18		1	RFS DB-T1-6Z-8AB-0Z			
19		1	Raycap DB-B1-6C-12AB-0Z			

Proposed Loading:

Information pertaining to proposed antennas and transmission lines were based upon the Application #: 233793, 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
1	127.0	3	Samsung MT6407-77A - Panel	Platform w/ Handrail [(3) Commscope BSAMNT-SBS-1-2 (1) VZWSMART VZWSMART-PLK1 (1) VZWSMART VZWSMART-MSK10 (1) VZWSMART VZWSMART-MSK1]	(2) 1 5/8" Hybrid (11) 1 5/8"	Verizon
2		3	Commscope SBNHH-1D65B - Panel			
3		3	Commscope SBNHH-1D65A - Panel			
4		4	Antel LPA-80080/6CFx2 - Panel			
5		2	ANTEL LPA-80063/6CF-2 - Panel			
6		6	RFS FD9R6004/2C-3L Diplexer			
7		3	Samsung RF440D-13A RRU			
8		3	Samsung RF4439d-25A RRU			
9		1	RFS DB-T1-6Z-8AB-0Z			
10		1	Raycap DB-B1-6C-12AB-0Z			
11		2	Kaelus KA-6030			

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:	56.2%	46.1%	49.8%
Pass/Fail	Pass	Pass	Pass

Foundation

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

Table 6 Reaction Comparison Summary

Structural Component	Max Usage (%)	Analysis Result
Foundation	59.9%	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

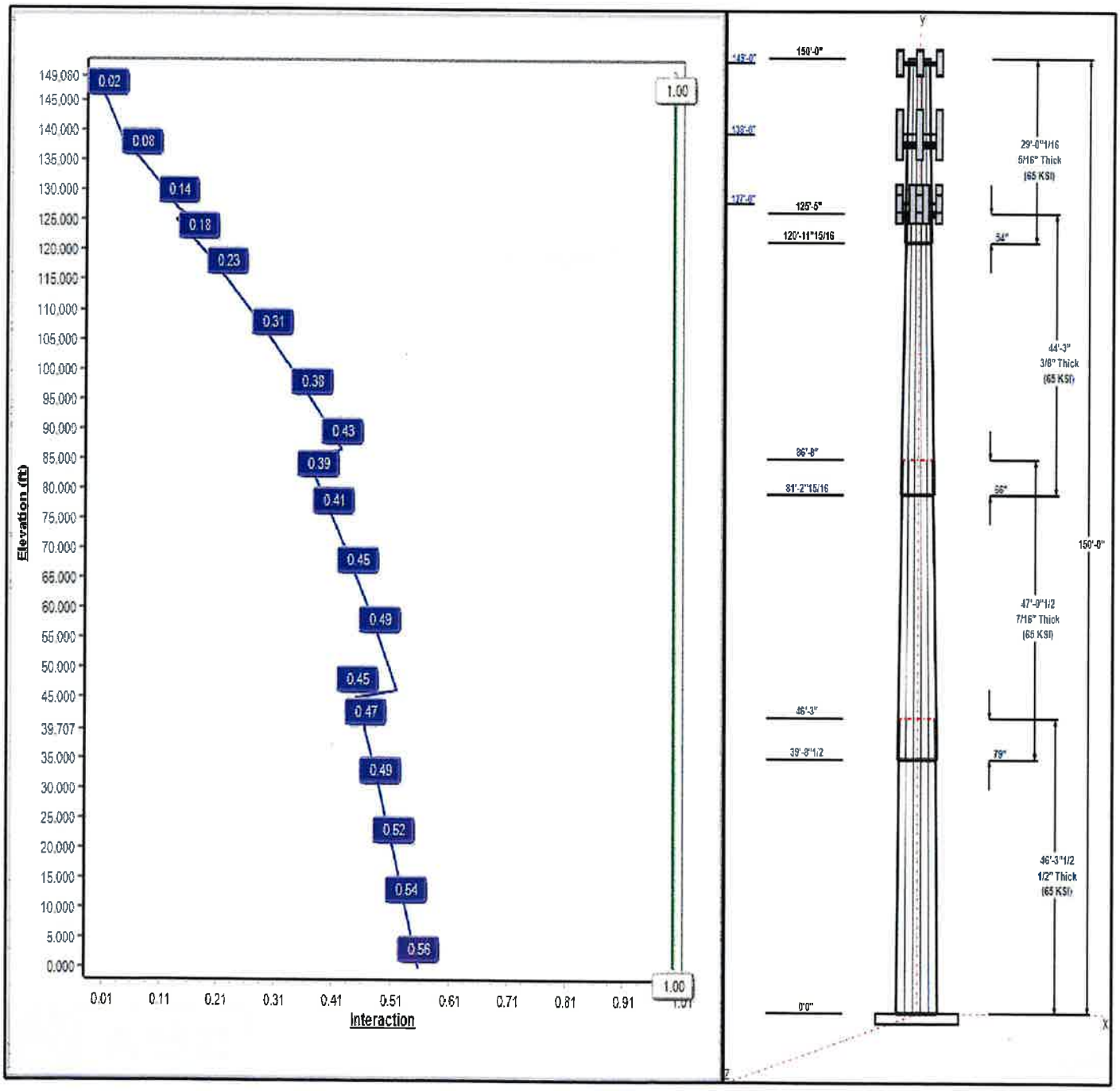
Usage Diagram - Max Ratio 56.16% at 0.0ft

Structure:	CT46129-A	**Code:**	EIA/TIA-222-H	8/8/2023
Site Name:	Tolland-reed Rd	**Exposure:**	C	
Height:	150.00 (ft)	**Gh:**	1.1	
Base Elev:	0.000 (ft)			Page: 1

SBA

Dead Load Factor:	1.20	**Iterations:**	22
Wind Load Factor:	1.00		

Load Case : 1.2D + 1.0W 120 mph Wind



Structure: CT46129-A

Type: Tapered
Site Name: Tolland-reed Rd
Height: 150.00 (ft)
Base Elev: 0.00 (ft)

Base Shape: 12 Sided
Taper: 0.21767

8/8/2023

Shaft Properties

Seq	Length (ft)	Top (in)	Bottom (in)	Thick (in)	Joint Type	Taper	Grade (ksi)
1	46.29	45.92	56.00	0.500		0.21767	65
2	47.04	37.99	48.23	0.438	Slip	0.21767	65
3	44.25	30.31	39.94	0.375	Slip	0.21767	65
4	29.00	25.60	31.91	0.313	Slip	0.21767	65

Discrete Appurtenances

Attach Elev (ft)	Force Elev (ft)	Qty	Description	Carrier
149.08	149.08	9	DB844H90E-XY	T-Mobile Sprint
149.08	149.08	3	AP11-880/090/XP	T-Mobile Sprint
149.08	149.08	1	Low Profile Platform	T-Mobile Sprint
149.08	149.08	12	Mount Pipes	T-Mobile Sprint
138.00	138.00	3	APXVAARR24_43-U-NA20	T-Mobile
138.00	138.00	1	RMQP-4096-HK Plat. +	T-Mobile
138.00	138.00	3	KRY 112 489/2	T-Mobile
138.00	138.00	3	KRY 112 144/1	T-Mobile
138.00	138.00	3	Kathrein 782 11056	T-Mobile
138.00	138.00	3	AIR6419 B41	T-Mobile
138.00	138.00	3	4449 B71 + B85	T-Mobile
138.00	138.00	3	4460 B25 + B66	T-Mobile
127.00	127.00	3	Samsung RF440D-13A	Verizon
127.00	127.00	2	Kaelus KA-6030	Verizon
127.00	127.00	1	Platform w/ Handrail	Verizon
127.00	127.00	15	Mount pipes	Verizon
127.00	127.00	3	Commscope	Verizon
127.00	127.00	3	Commscope	Verizon
127.00	127.00	3	Samsung MT6407-77A	Verizon
127.00	127.00	4	Antel LPA-80080/6CFx2	Verizon
127.00	127.00	2	ANTEL LPA-80063/6CF-2	Verizon
127.00	127.00	3	Samsung RF4439d-25A	Verizon
127.00	127.00	1	Raycap	Verizon
127.00	127.00	6	RFS FD9R6004/2C-3L	Verizon
127.00	127.00	1	RFS DB-T1-6Z-8AB-0Z	Verizon

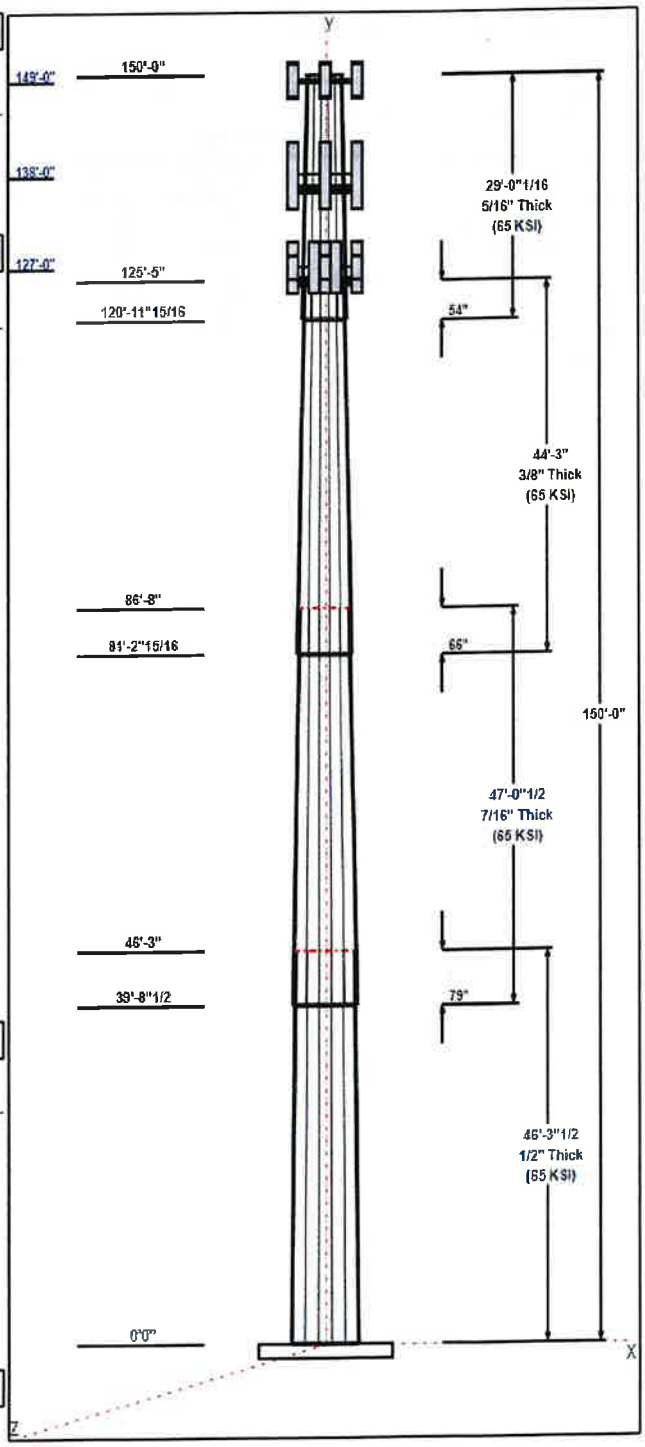
Linear Appurtenances

Elev From (ft)	Elev To (ft)	Placement	Description	Carrier
0.00	150.00	Outside	Safety Cable	
0.00	150.00	Outside	Step bolts (ladder)	
0.00	149.08	Inside	1 1/4" Coax	T-Mobile Sprint
0.00	138.00	Inside	1 5/8" Coax	T-Mobile
0.00	138.00	Outside	1 5/8" Coax	T-Mobile
0.00	138.00	Inside	1 5/8" Fiber	T-Mobile
0.00	138.00	Inside	1.9" Fiber	T-Mobile
0.00	127.00	Inside	1 5/8" Coax	Verizon
0.00	127.00	Inside	1 5/8" Hybrid	Verizon

Anchor Bolts

Qty	Specifications	Grade (ksi)	Arrangement
24	2.25" 18J	75.0	Radial

Base Plate



Thickness (in)	Specifications (in)	Grade (ksi)	Geometry
2.5000	71.0	60.0	Round

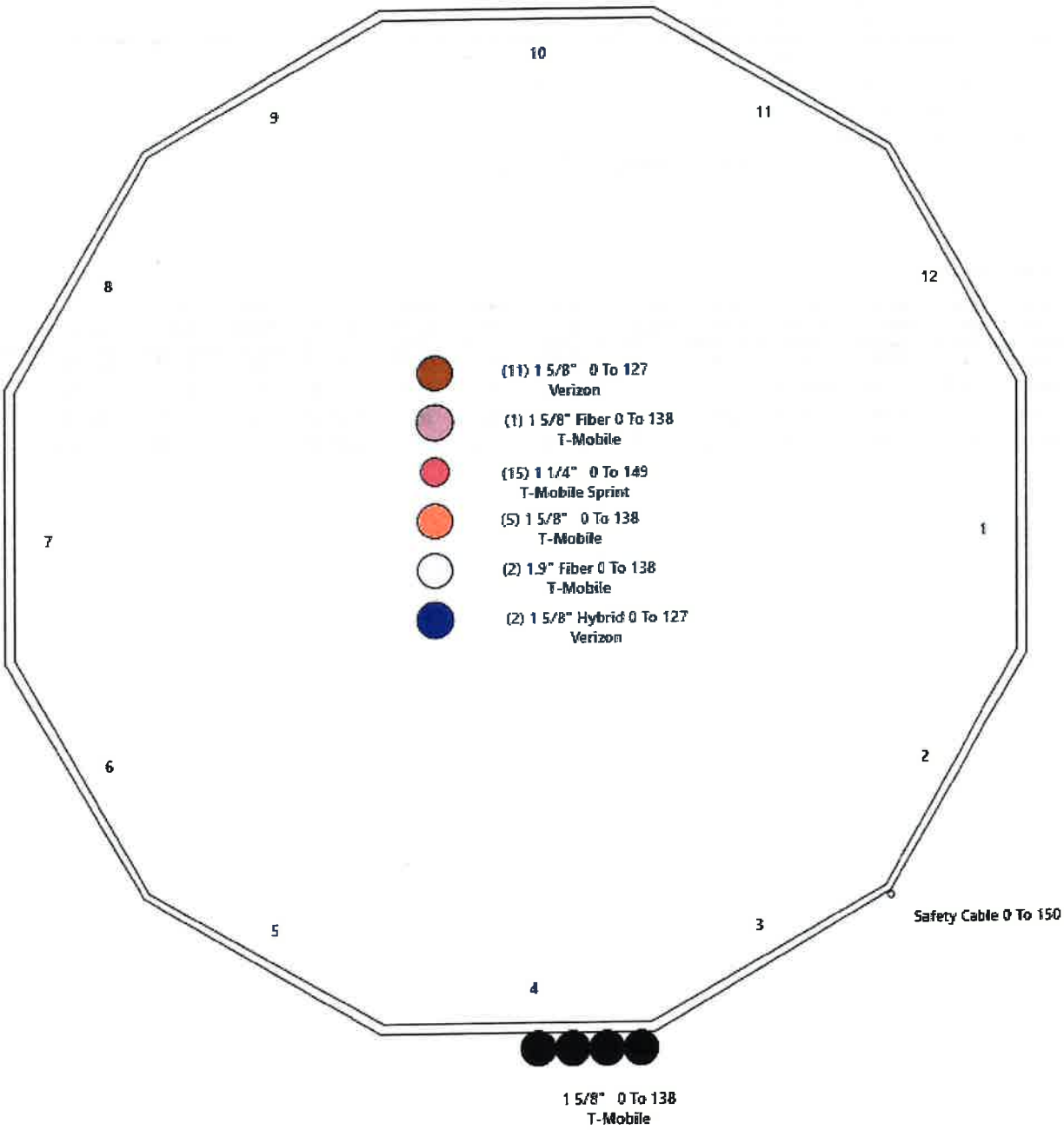
Reactions

Load Case	Moment (FT-Kips)	Shear (Kips)	Axial (Kips)
1.2D + 1.0W 120 mph Wind	3727.8	36.3	55.1
0.9D + 1.0W 120 mph Wind	3696.9	36.3	41.3
1.2D + 1.0Di + 1.0Wi 50 mph Wind	872.9	8.3	75.3
1.2D + 1.0Ev + 1.0Eh	126.5	1.0	57.0
0.9D + 1.0Ev + 1.0Eh	125.9	1.0	43.2
1.0D + 1.0W 60 mph Wind	829.7	8.1	46.0

Structure: CT46129-A - Coax Line Placement

Type: Monopole
Site Name: Tolland-reed Rd
Height: 150.00 (ft)

8/8/2023



Shaft Properties

Structure:	CT46129-A		**Code:**	TIA-222-H	8/8/2023
Site Name:	Tolland-reed Rd		**Exposure:**	C	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Default	
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	12	46.290	0.5000	65		0.00	12,797
2	12	47.040	0.4375	65	Slip	79.00	9,623
3	12	44.250	0.3750	65	Slip	66.00	6,318
4	12	29.003	0.3125	65	Slip	54.00	2,825
					Total Shaft Weight:		**31,563**

	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	56.00	0.00	89.36	35131.02	27.87	112.00	45.92	46.29	73.13	19260.7	22.47	91.85	0.217667
2	48.23	39.71	67.33	19631.73	27.40	110.24	37.99	86.75	52.91	9524.57	21.13	86.84	0.217667
3	39.94	81.25	47.78	9545.90	26.40	106.51	30.31	125.50	36.14	4133.79	19.51	80.82	0.217667
4	31.91	121.0	31.80	4053.00	25.22	102.12	25.60	150.00	25.45	2076.87	19.81	81.92	0.217667

Load Summary

Structure:	CT46129-A		**Code:**	TIA-222-H	8/8/2023
Site Name:	Tolland-reed Rd		**Exposure:**	C	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Default	
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	149.08	DB844H90E-XY	9	14.00	3.05	1.12	81.73	3.616	1.12	0.00	0.00
2	149.08	AP11-880/090/XP	3	17.60	4.83	0.72	90.83	5.456	0.72	0.00	0.00
3	149.08	Low Profile Platform	1	1200.00	18.04	1.00	2204.63	28.528	1.00	0.00	0.00
4	149.08	Mount Pipes	12	30.00	1.37	1.00	55.12	2.167	1.00	0.00	0.00
5	138.00	APXVAARR24_43-U-NA20	3	128.00	20.24	0.72	400.72	21.480	0.72	0.00	0.00
6	138.00	RMQP-4096-HK Plat. + HR/Kicker	1	2645.00	51.70	1.00	4476.11	76.993	1.00	0.00	0.00
7	138.00	KRY 112 489/2	3	15.40	0.65	0.82	27.05	1.055	0.82	0.00	0.00
8	138.00	KRY 112 144/1	3	11.00	0.41	0.70	18.13	0.724	0.70	0.00	0.00
9	138.00	Kathrein 782 11056	3	2.00	0.50	0.67	3.74	0.813	0.67	0.00	0.00
10	138.00	AIR6419 B41	3	83.30	4.00	0.76	163.46	4.554	0.76	0.00	0.00
11	138.00	4449 B71 + B85	3	75.00	1.97	0.67	114.11	2.346	0.67	0.00	0.00
12	138.00	4460 B25 + B66	3	104.00	2.85	0.67	149.36	3.296	0.67	0.00	0.00
13	127.00	Samsung RF440D-13A RRU	3	70.30	1.87	0.67	102.51	2.226	0.67	0.00	0.00
14	127.00	Kaelus KA-6030	2	17.60	0.96	0.82	32.85	1.221	0.84	0.00	0.00
15	127.00	Platform w/ Handrail	1	1569.19	24.20	1.00	2862.01	38.046	1.00	0.00	0.00
16	127.00	Mount pipes	15	30.00	1.03	1.00	54.72	1.619	1.00	0.00	0.00
17	127.00	Commscope SBNHH-1D65B	3	50.71	8.05	0.83	174.98	8.872	0.84	0.00	0.00
18	127.00	Commscope SBNHH-1D65A	3	33.50	5.88	0.83	128.70	6.564	0.84	0.00	0.00
19	127.00	Samsung MT6407-77A	3	87.10	4.71	0.70	160.77	5.303	0.71	0.00	0.00
20	127.00	Antel LPA-80080/6CFx2	4	21.00	8.63	0.75	147.38	9.467	0.77	0.00	0.00
21	127.00	ANTEL LPA-80063/6CF-2	2	27.00	9.57	0.95	199.27	10.437	0.95	0.00	0.00
22	127.00	Samsung RF4439d-25A RRU	3	74.70	1.87	0.67	107.83	2.226	0.67	0.00	0.00
23	127.00	Raycap DB-B1-6C-12AB-0Z	1	26.90	3.36	1.00	86.01	3.843	1.00	0.00	0.00
24	127.00	RFS FD9R6004/2C-3L Diplexer	6	3.00	0.31	0.62	8.18	0.467	0.68	0.00	0.00
25	127.00	RFS DB-T1-6Z-8AB-0Z	1	44.00	4.80	1.00	119.48	5.356	1.00	0.00	0.00
		Totals:	**94**	**8,870.12**			**17,995.43**				

Linear Appurtenances

Bottom Elev. (ft)	**Top Elev. (ft)**	**Description**	**Exposed Width**	**Exposed**
0.00	150.00	(1) Safety Cable	0.38	Outside
0.00	150.00	(1) Step bolts (ladder)	0.63	Outside
0.00	149.08	(15) 1 1/4" Coax	0.00	Inside
0.00	138.00	(5) 1 5/8" Coax	0.00	Inside
0.00	138.00	(4) 1 5/8" Coax	2.00	Outside
0.00	138.00	(1) 1 5/8" Fiber	0.00	Inside
0.00	138.00	(2) 1.9" Fiber	0.00	Inside
0.00	127.00	(11) 1 5/8" Coax	0.00	Inside
0.00	127.00	(2) 1 5/8" Hybrid	0.00	Inside

Shaft Section Properties

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 7	

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		0.5000	56.000	89.355	35131.0	27.87	112.00	74.3	1211.	0.0
5.00		0.5000	54.912	87.603	33104.6	27.28	109.82	75.0	1164.	1505.4
10.00		0.5000	53.823	85.851	31157.6	26.70	107.65	75.6	1118.	1475.6
15.00		0.5000	52.735	84.098	29288.5	26.12	105.47	76.2	1072.	1445.7
20.00		0.5000	51.647	82.346	27495.6	25.53	103.29	76.9	1028.	1415.9
25.00		0.5000	50.558	80.594	25777.5	24.95	101.12	77.5	985.0	1386.1
30.00		0.5000	49.470	78.842	24132.5	24.37	98.94	78.1	942.4	1356.3
35.00		0.5000	48.382	77.089	22559.0	23.78	96.76	78.8	900.8	1326.5
39.71	Bot - Section 2	0.5000	47.357	75.440	21141.7	23.24	94.71	79.4	862.4	1221.4
40.00		0.5000	47.293	75.337	21055.4	23.20	94.59	79.4	860.1	142.4
45.00		0.5000	46.205	73.585	19620.2	22.62	92.41	80.0	820.3	2397.9
46.29	Top - Section 1	0.4375	46.799	65.312	17918.4	26.52	106.97	0.0	0.0	609.6
50.00		0.4375	45.992	64.174	16998.2	26.02	105.12	76.3	714.0	817.3
55.00		0.4375	44.903	62.641	15808.8	25.36	102.64	77.1	680.1	1078.8
60.00		0.4375	43.815	61.108	14676.2	24.69	100.15	77.8	647.1	1052.7
65.00		0.4375	42.727	59.575	13599.0	24.02	97.66	78.5	614.9	1026.6
70.00		0.4375	41.638	58.042	12575.9	23.36	95.17	79.2	583.5	1000.6
75.00		0.4375	40.550	56.508	11605.4	22.69	92.69	80.0	552.9	974.5
80.00		0.4375	39.462	54.975	10686.1	22.02	90.20	80.7	523.1	948.4
81.25	Bot - Section 3	0.4375	39.190	54.593	10464.8	21.86	89.58	80.9	515.9	232.4
85.00		0.4375	38.373	53.442	9816.8	21.36	87.71	81.4	494.2	1293.8
86.75	Top - Section 2	0.3750	38.743	46.330	8705.3	25.54	103.32	0.0	0.0	592.8
90.00		0.3750	38.035	45.474	8232.2	25.03	101.43	77.4	418.1	508.2
95.00		0.3750	36.947	44.160	7538.9	24.26	98.52	78.3	394.2	762.5
100.00		0.3750	35.858	42.846	6885.7	23.48	95.62	79.1	371.0	740.2
105.00		0.3750	34.770	41.532	6271.3	22.70	92.72	80.0	348.4	717.8
110.00		0.3750	33.682	40.218	5694.6	21.92	89.82	80.8	326.6	695.4
115.00		0.3750	32.593	38.904	5154.4	21.15	86.92	81.7	305.5	673.1
120.00		0.3750	31.505	37.589	4649.5	20.37	84.01	81.9	285.1	650.7
121.00	Bot - Section 4	0.3750	31.288	37.328	4553.0	20.21	83.43	81.9	281.1	127.0
125.00		0.3750	30.417	36.275	4178.7	19.59	81.11	81.9	265.4	928.5
125.50	Top - Section 3	0.3125	30.934	30.812	3687.7	24.38	98.99	0.0	0.0	113.4
127.00		0.3125	30.606	30.483	3570.7	24.10	97.94	78.4	225.4	156.8
130.00		0.3125	29.953	29.826	3344.7	23.54	95.85	79.0	215.7	307.8
135.00		0.3125	28.865	28.731	2989.7	22.61	92.37	80.1	200.1	498.1
138.00		0.3125	28.212	28.074	2789.2	22.05	90.28	80.7	191.0	289.9
140.00		0.3125	27.777	27.636	2660.7	21.67	88.89	81.1	185.0	189.6
145.00		0.3125	26.688	26.541	2356.7	20.74	85.40	81.9	170.6	460.9
149.08		0.3125	25.800	25.647	2126.6	19.98	82.56	81.9	159.2	362.3
150.00		0.3125	25.600	25.446	2076.9	19.81	81.92	81.9	156.7	80.0
										31562.9

Wind Loading - Shaft

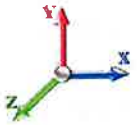
Structure: CT46129-A
Site Name: Tolland-reed Rd
Height: 150.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H
Exposure: C
Crest Height: 0.00
Site Class: D - Default
Struct Class: II

8/8/2023

Page: 8

Load Case: 1.2D + 1.0W 120 mph Wind
Dead Load Factor 1.20
Wind Load Factor 1.00



Iterations 22

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	29.411	32.35	531.30	0.950	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	29.411	32.35	520.97	0.950	0.000	5.00	23.922	22.73	735.2	0.0	1806.4
10.00		1.00	0.85	29.411	32.35	510.65	0.950	0.000	5.00	23.452	22.28	720.8	0.0	1770.7
15.00		1.00	0.85	29.411	32.35	500.32	0.950	0.000	5.00	22.983	21.83	706.4	0.0	1734.9
20.00		1.00	0.90	31.207	34.33	504.73	0.950	0.000	5.00	22.513	21.39	734.2	0.0	1699.1
25.00		1.00	0.95	32.708	35.98	505.84	0.950	0.000	5.00	22.044	20.94	753.4	0.0	1663.3
30.00		1.00	0.98	33.988	37.39	504.54	0.950	0.000	5.00	21.574	20.50	766.3	0.0	1627.6
35.00		1.00	1.01	35.109	38.62	501.51	0.950	0.000	5.00	21.105	20.05	774.3	0.0	1591.8
39.71	Bot - Section 2	1.00	1.04	36.054	39.66	497.46	0.950	0.000	4.71	19.438	18.47	732.3	0.0	1465.7
40.00		1.00	1.04	36.110	39.72	497.17	0.950	0.000	0.29	1.220	1.16	46.0	0.0	170.9
45.00		1.00	1.07	37.016	40.72	491.79	0.950	0.000	5.00	20.543	19.52	794.7	0.0	2877.4
46.29	Top - Section 1	1.00	1.08	37.237	40.96	490.26	0.950	0.000	1.29	5.224	4.96	203.3	0.0	731.5
50.00		1.00	1.09	37.846	41.63	494.98	0.950	0.000	3.71	14.850	14.11	587.3	0.0	980.8
55.00		1.00	1.12	38.613	42.47	488.14	0.950	0.000	5.00	19.604	18.62	791.1	0.0	1294.6
60.00		1.00	1.14	39.327	43.26	480.69	0.950	0.000	5.00	19.135	18.18	786.4	0.0	1263.3
65.00		1.00	1.16	39.996	44.00	472.71	0.950	0.000	5.00	18.666	17.73	780.1	0.0	1232.0
70.00		1.00	1.17	40.625	44.69	464.28	0.950	0.000	5.00	18.196	17.29	772.5	0.0	1200.7
75.00		1.00	1.19	41.219	45.34	455.44	0.950	0.000	5.00	17.727	16.84	763.6	0.0	1169.4
80.00		1.00	1.21	41.783	45.96	446.24	0.950	0.000	5.00	17.257	16.39	753.5	0.0	1138.1
81.25	Bot - Section 3	1.00	1.21	41.919	46.11	443.89	0.950	0.000	1.25	4.230	4.02	185.3	0.0	278.9
85.00		1.00	1.22	42.319	46.55	436.71	0.950	0.000	3.75	12.801	12.16	566.1	0.0	1552.5
86.75	Top - Section 2	1.00	1.23	42.501	46.75	433.31	0.950	0.000	1.75	5.867	5.57	260.6	0.0	711.3
90.00		1.00	1.24	42.832	47.11	435.47	0.950	0.000	3.25	10.775	10.24	482.3	0.0	609.8
95.00		1.00	1.25	43.322	47.65	425.43	0.950	0.000	5.00	16.172	15.36	732.1	0.0	915.0
100.00		1.00	1.27	43.792	48.17	415.13	0.950	0.000	5.00	15.703	14.92	718.6	0.0	888.2
105.00		1.00	1.28	44.245	48.67	404.60	0.950	0.000	5.00	15.233	14.47	704.3	0.0	861.4
110.00		1.00	1.29	44.680	49.15	393.86	0.950	0.000	5.00	14.764	14.03	689.3	0.0	834.5
115.00		1.00	1.30	45.100	49.61	382.92	0.950	0.000	5.00	14.294	13.58	673.7	0.0	807.7
120.00		1.00	1.32	45.506	50.06	371.80	0.950	0.000	5.00	13.825	13.13	657.4	0.0	780.9
121.00	Bot - Section 4	1.00	1.32	45.585	50.14	369.56	0.950	0.000	1.00	2.700	2.56	128.6	0.0	152.4
125.00		1.00	1.33	45.899	50.49	360.50	0.950	0.000	4.00	10.872	10.33	521.5	0.0	1114.2
125.50	Top - Section 3	1.00	1.33	45.937	50.53	359.37	0.950	0.000	0.50	1.328	1.26	63.7	0.0	136.0
127.00	Appurtenance(s)	1.00	1.33	46.052	50.66	363.35	0.950	0.000	1.50	3.991	3.79	192.1	0.0	188.1
130.00		1.00	1.34	46.279	50.91	356.48	0.950	0.000	3.00	7.837	7.45	379.0	0.0	369.4
135.00		1.00	1.35	46.649	51.31	344.89	0.950	0.000	5.00	12.686	12.05	618.4	0.0	597.8
138.00	Appurtenance(s)	1.00	1.35	46.865	51.55	337.87	0.955 *	0.000	3.00	7.386	7.06	363.8	0.0	347.9
140.00		1.00	1.36	47.007	51.71	333.16	0.950	0.000	2.00	4.830	4.59	237.3	0.0	227.5
145.00		1.00	1.37	47.356	52.09	321.29	0.950	0.000	5.00	11.747	11.16	581.3	0.0	553.1
149.08	Appurtenance(s)	1.00	1.38	47.633	52.40	311.51	0.950	0.000	4.08	9.238	8.78	459.8	0.0	434.7
150.00		1.00	1.38	47.695	52.46	309.29	0.950	0.000	0.92	2.040	1.94	101.7	0.0	96.0
								Totals:	**150.00**			**21,518.2**		**37,875.4**

* Cf Adjusted by Linear Load Ra Effect

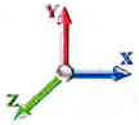
Discrete Appurtenance Forces

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 9	

Load Case: 1.2D + 1.0W 120 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 22

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	149.08	Low Profile Platform	1	47.633	52.396	1.00	1.00	18.04	1440.00	0.000	0.000	945.23	0.00	0.00
2	149.08	AP11-880/090/XP	3	47.633	52.396	0.65	0.90	9.39	63.36	0.000	0.000	491.98	0.00	0.00
3	149.08	DB844H90E-XY	9	47.633	52.396	1.01	0.90	27.67	151.20	0.000	0.000	1449.79	0.00	0.00
4	149.08	Mount Pipes	12	47.633	52.396	0.90	0.90	14.80	432.00	0.000	0.000	775.26	0.00	0.00
5	138.00	KRY 112 144/1	3	46.865	51.551	0.52	0.75	0.65	39.60	0.000	0.000	33.29	0.00	0.00
6	138.00	APXVAARR24_43-U-NA2	3	46.865	51.551	0.54	0.75	32.79	460.80	0.000	0.000	1690.31	0.00	0.00
7	138.00	RMQP-4096-HK Plat. +	1	46.865	51.551	1.00	1.00	51.70	3174.00	0.000	0.000	2665.21	0.00	0.00
8	138.00	KRY 112 489/2	3	46.865	51.551	0.61	0.75	1.20	55.44	0.000	0.000	61.82	0.00	0.00
9	138.00	4449 B71 + B85	3	46.865	51.551	0.50	0.75	2.97	270.00	0.000	0.000	153.10	0.00	0.00
10	138.00	Kathrein 782 11056	3	46.865	51.551	0.50	0.75	0.75	7.20	0.000	0.000	38.86	0.00	0.00
11	138.00	AIR6419 B41	3	46.865	51.551	0.57	0.75	6.84	299.88	0.000	0.000	352.61	0.00	0.00
12	138.00	4460 B25 + B66	3	46.865	51.551	0.50	0.75	4.30	374.40	0.000	0.000	221.48	0.00	0.00
13	127.00	Samsung RF440D-13A	3	46.052	50.658	0.50	0.75	2.82	253.08	0.000	0.000	142.81	0.00	0.00
14	127.00	RFS DB-T1-6Z-8AB-0Z	1	46.052	50.658	0.75	0.75	3.60	52.80	0.000	0.000	182.37	0.00	0.00
15	127.00	Commscope	3	46.052	50.658	0.62	0.75	10.98	120.60	0.000	0.000	556.27	0.00	0.00
16	127.00	Kaelus KA-6030	2	46.052	50.658	0.61	0.75	1.18	42.24	0.000	0.000	59.82	0.00	0.00
17	127.00	Platform w/ Handrail	1	46.052	50.658	1.00	1.00	24.20	1883.03	0.000	0.000	1225.92	0.00	0.00
18	127.00	Mount pipes	15	46.052	50.658	0.75	0.75	11.59	540.00	0.000	0.000	587.00	0.00	0.00
19	127.00	Commscope	3	46.052	50.658	0.62	0.75	15.03	182.56	0.000	0.000	761.56	0.00	0.00
20	127.00	RFS FD9R6004/2C-3L	6	46.052	50.658	0.46	0.75	0.86	21.60	0.000	0.000	43.81	0.00	0.00
21	127.00	Samsung MT6407-77A	3	46.052	50.658	0.52	0.75	7.42	313.56	0.000	0.000	375.79	0.00	0.00
22	127.00	Antel LPA-80080/6CFx2	4	46.052	50.658	0.56	0.75	19.42	100.80	0.000	0.000	983.65	0.00	0.00
23	127.00	ANTEL LPA-80063/6CF-2	2	46.052	50.658	0.71	0.75	13.64	64.80	0.000	0.000	690.83	0.00	0.00
24	127.00	Samsung RF4439d-25A	3	46.052	50.658	0.50	0.75	2.82	268.92	0.000	0.000	142.81	0.00	0.00
25	127.00	Raycap	1	46.052	50.658	0.75	0.75	2.52	32.28	0.000	0.000	127.66	0.00	0.00
							Totals:		**10,644.14**			**14,759.21**		

Total Applied Force Summary

Structure:	CT46129-A		**Code:**	TIA-222-H	8/8/2023
Site Name:	Tolland-reed Rd		**Exposure:**	C	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Default	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 10

Load Case: 1.2D + 1.0W 120 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 22

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		735.23	2048.08	0.00	0.00
10.00		720.80	2012.31	0.00	0.00
15.00		706.37	1976.53	0.00	0.00
20.00		734.18	1940.76	0.00	0.00
25.00		753.45	1904.98	0.00	0.00
30.00		766.26	1869.21	0.00	0.00
35.00		774.31	1833.44	0.00	0.00
39.71		732.34	1693.19	0.00	0.00
40.00		46.03	185.07	0.00	0.00
45.00		794.66	3119.07	0.00	0.00
46.29		203.28	793.83	0.00	0.00
50.00		587.31	1160.10	0.00	0.00
55.00		791.06	1536.21	0.00	0.00
60.00		786.39	1504.91	0.00	0.00
65.00		780.13	1473.61	0.00	0.00
70.00		772.47	1442.31	0.00	0.00
75.00		763.55	1411.00	0.00	0.00
80.00		753.50	1379.70	0.00	0.00
81.25		185.28	339.13	0.00	0.00
85.00		566.10	1733.92	0.00	0.00
86.75		260.57	795.73	0.00	0.00
90.00		482.27	767.01	0.00	0.00
95.00		732.14	1156.66	0.00	0.00
100.00		718.61	1129.83	0.00	0.00
105.00		704.32	1103.00	0.00	0.00
110.00		689.33	1076.17	0.00	0.00
115.00		673.69	1049.34	0.00	0.00
120.00		657.43	1022.51	0.00	0.00
121.00		128.60	200.61	0.00	0.00
125.00		521.45	1307.70	0.00	0.00
125.50		63.74	160.04	0.00	0.00
127.00	(47) attachments	6072.33	4137.05	0.00	0.00
130.00		379.01	465.27	0.00	0.00
135.00		618.42	757.57	0.00	0.00
138.00	(22) attachments	5580.45	5125.13	0.00	0.00
140.00		237.28	254.39	0.00	0.00
145.00		581.33	620.33	0.00	0.00
149.08	(25) attachments	4122.08	2576.18	0.00	0.00
150.00		101.67	97.42	0.00	0.00
	Totals:	**36,277.43**	**55,159.29**	**0.00**	**0.00**

Linear Appurtenance Segment Forces (Factored)

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 11	

Load Case: 1.2D + 1.0W 120 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 22

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	5.00	0.000	0.38	0.16	0.00	0.052	0.000	29.411	0.00	1.64
5.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.052	0.000	29.411	0.00	6.24
5.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.052	0.000	29.411	0.00	24.96
10.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.053	0.000	29.411	0.00	1.64
10.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.053	0.000	29.411	0.00	6.24
10.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.053	0.000	29.411	0.00	24.96
15.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.055	0.000	29.411	0.00	1.64
15.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.055	0.000	29.411	0.00	6.24
15.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.055	0.000	29.411	0.00	24.96
20.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.056	0.000	31.207	0.00	1.64
20.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.056	0.000	31.207	0.00	6.24
20.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.056	0.000	31.207	0.00	24.96
25.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.057	0.000	32.708	0.00	1.64
25.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.057	0.000	32.708	0.00	6.24
25.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.057	0.000	32.708	0.00	24.96
30.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.058	0.000	33.988	0.00	1.64
30.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.058	0.000	33.988	0.00	6.24
30.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.058	0.000	33.988	0.00	24.96
35.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.059	0.000	35.109	0.00	1.64
35.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.059	0.000	35.109	0.00	6.24
35.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.059	0.000	35.109	0.00	24.96
39.71	Safety Cable	Yes	4.71	0.000	0.38	0.15	0.00	0.061	0.000	36.054	0.00	1.54
39.71	Step bolts (ladder)	Yes	4.71	0.000	0.63	0.25	0.00	0.061	0.000	36.054	0.00	5.87
39.71	1 5/8" Coax	Yes	4.71	0.000	2.00	0.78	0.00	0.061	0.000	36.054	0.00	23.50
40.00	Safety Cable	Yes	0.29	0.000	0.38	0.01	0.00	0.061	0.000	36.110	0.00	0.10
40.00	Step bolts (ladder)	Yes	0.29	0.000	0.63	0.02	0.00	0.061	0.000	36.110	0.00	0.37
40.00	1 5/8" Coax	Yes	0.29	0.000	2.00	0.05	0.00	0.061	0.000	36.110	0.00	1.46
45.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.062	0.000	37.016	0.00	1.64
45.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.062	0.000	37.016	0.00	6.24
45.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.062	0.000	37.016	0.00	24.96
46.29	Safety Cable	Yes	1.29	0.000	0.38	0.04	0.00	0.063	0.000	37.237	0.00	0.42
46.29	Step bolts (ladder)	Yes	1.29	0.000	0.63	0.07	0.00	0.063	0.000	37.237	0.00	1.61
46.29	1 5/8" Coax	Yes	1.29	0.000	2.00	0.21	0.00	0.063	0.000	37.237	0.00	6.44
50.00	Safety Cable	Yes	3.71	0.000	0.38	0.12	0.00	0.063	0.000	37.846	0.00	1.22
50.00	Step bolts (ladder)	Yes	3.71	0.000	0.63	0.19	0.00	0.063	0.000	37.846	0.00	4.63
50.00	1 5/8" Coax	Yes	3.71	0.000	2.00	0.62	0.00	0.063	0.000	37.846	0.00	18.52
55.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.064	0.000	38.613	0.00	1.64
55.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.064	0.000	38.613	0.00	6.24
55.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.064	0.000	38.613	0.00	24.96
60.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.066	0.000	39.327	0.00	1.64
60.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.066	0.000	39.327	0.00	6.24
60.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.066	0.000	39.327	0.00	24.96
65.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.067	0.000	39.996	0.00	1.64
65.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.067	0.000	39.996	0.00	6.24
65.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.067	0.000	39.996	0.00	24.96
70.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.069	0.000	40.625	0.00	1.64
70.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.069	0.000	40.625	0.00	6.24

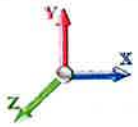
Linear Appurtenance Segment Forces (Factored)

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 12	

Load Case: 1.2D + 1.0W 120 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 22

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)
70.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.069	0.000	40.625	0.00	24.96
75.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.071	0.000	41.219	0.00	1.64
75.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.071	0.000	41.219	0.00	6.24
75.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.071	0.000	41.219	0.00	24.96
80.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.073	0.000	41.783	0.00	1.64
80.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.073	0.000	41.783	0.00	6.24
80.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.073	0.000	41.783	0.00	24.96
81.25	Safety Cable	Yes	1.25	0.000	0.38	0.04	0.00	0.074	0.000	41.919	0.00	0.41
81.25	Step bolts (ladder)	Yes	1.25	0.000	0.63	0.07	0.00	0.074	0.000	41.919	0.00	1.56
81.25	1 5/8" Coax	Yes	1.25	0.000	2.00	0.21	0.00	0.074	0.000	41.919	0.00	6.22
85.00	Safety Cable	Yes	3.75	0.000	0.38	0.12	0.00	0.075	0.000	42.319	0.00	1.23
85.00	Step bolts (ladder)	Yes	3.75	0.000	0.63	0.20	0.00	0.075	0.000	42.319	0.00	4.68
85.00	1 5/8" Coax	Yes	3.75	0.000	2.00	0.63	0.00	0.075	0.000	42.319	0.00	18.74
86.75	Safety Cable	Yes	1.75	0.000	0.38	0.06	0.00	0.076	0.000	42.501	0.00	0.57
86.75	Step bolts (ladder)	Yes	1.75	0.000	0.63	0.09	0.00	0.076	0.000	42.501	0.00	2.18
86.75	1 5/8" Coax	Yes	1.75	0.000	2.00	0.29	0.00	0.076	0.000	42.501	0.00	8.72
90.00	Safety Cable	Yes	3.25	0.000	0.38	0.10	0.00	0.076	0.000	42.832	0.00	1.07
90.00	Step bolts (ladder)	Yes	3.25	0.000	0.63	0.17	0.00	0.076	0.000	42.832	0.00	4.06
90.00	1 5/8" Coax	Yes	3.25	0.000	2.00	0.54	0.00	0.076	0.000	42.832	0.00	16.24
95.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.078	0.000	43.322	0.00	1.64
95.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.078	0.000	43.322	0.00	6.24
95.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.078	0.000	43.322	0.00	24.96
100.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.080	0.000	43.792	0.00	1.64
100.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.080	0.000	43.792	0.00	6.24
100.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.080	0.000	43.792	0.00	24.96
105.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.082	0.000	44.245	0.00	1.64
105.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.082	0.000	44.245	0.00	6.24
105.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.082	0.000	44.245	0.00	24.96
110.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.085	0.000	44.680	0.00	1.64
110.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.085	0.000	44.680	0.00	6.24
110.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.085	0.000	44.680	0.00	24.96
115.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.088	0.000	45.100	0.00	1.64
115.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.088	0.000	45.100	0.00	6.24
115.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.088	0.000	45.100	0.00	24.96
120.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.091	0.000	45.506	0.00	1.64
120.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.091	0.000	45.506	0.00	6.24
120.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.091	0.000	45.506	0.00	24.96
121.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.093	0.000	45.585	0.00	0.33
121.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.093	0.000	45.585	0.00	1.24
121.00	1 5/8" Coax	Yes	1.00	0.000	2.00	0.17	0.00	0.093	0.000	45.585	0.00	4.98
125.00	Safety Cable	Yes	4.00	0.000	0.38	0.13	0.00	0.094	0.000	45.899	0.00	1.31
125.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.21	0.00	0.094	0.000	45.899	0.00	5.00
125.00	1 5/8" Coax	Yes	4.00	0.000	2.00	0.67	0.00	0.094	0.000	45.899	0.00	19.98
125.50	Safety Cable	Yes	0.50	0.000	0.38	0.02	0.00	0.096	0.000	45.937	0.00	0.16
125.50	Step bolts (ladder)	Yes	0.50	0.000	0.63	0.03	0.00	0.096	0.000	45.937	0.00	0.62
125.50	1 5/8" Coax	Yes	0.50	0.000	2.00	0.08	0.00	0.096	0.000	45.937	0.00	2.48
127.00	Safety Cable	Yes	1.50	0.000	0.38	0.05	0.00	0.094	0.000	46.052	0.00	0.49

Linear Appurtenance Segment Forces (Factored)

Structure:	CT46129-A		**Code:**	TIA-222-H	8/8/2023
Site Name:	Tolland-reed Rd		**Exposure:**	C	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Default	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 13

Load Case: 1.2D + 1.0W 120 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 22

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)
127.00	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.08	0.00	0.094	0.000	46.052	0.00	1.88
127.00	1 5/8" Coax	Yes	1.50	0.000	2.00	0.25	0.00	0.094	0.000	46.052	0.00	7.50
130.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.096	0.000	46.279	0.00	0.98
130.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.096	0.000	46.279	0.00	3.74
130.00	1 5/8" Coax	Yes	3.00	0.000	2.00	0.50	0.00	0.096	0.000	46.279	0.00	14.98
135.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.099	0.000	46.649	0.00	1.64
135.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.099	0.000	46.649	0.00	6.24
135.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.099	0.000	46.649	0.00	24.96
138.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.102	1.006	46.865	0.00	0.98
138.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.102	1.006	46.865	0.00	3.74
138.00	1 5/8" Coax	Yes	3.00	0.000	2.00	0.50	0.00	0.102	1.006	46.865	0.00	14.98
140.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.035	0.000	47.007	0.00	0.66
140.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.035	0.000	47.007	0.00	2.50
145.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.036	0.000	47.356	0.00	1.64
145.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.036	0.000	47.356	0.00	6.24
149.08	Safety Cable	Yes	4.08	0.000	0.38	0.13	0.00	0.037	0.000	47.633	0.00	1.34
149.08	Step bolts (ladder)	Yes	4.08	0.000	0.63	0.21	0.00	0.037	0.000	47.633	0.00	5.09
150.00	Safety Cable	Yes	0.92	0.000	0.38	0.03	0.00	0.038	0.000	47.695	0.00	0.30
150.00	Step bolts (ladder)	Yes	0.92	0.000	0.63	0.05	0.00	0.038	0.000	47.695	0.00	1.15
										Totals:	**0.0**	**925.2**

Calculated Forces

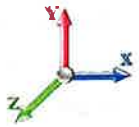
Structure: CT46129-A
Site Name: Tolland-reed Rd
Height: 150.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H
Exposure: C
Crest Height: 0.00
Site Class: D - Default
Struct Class: II

8/8/2023

SBA

Load Case: 1.2D + 1.0W 120 mph Wind
Dead Load Factor 1.20
Wind Load Factor 1.00



Iterations 22

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	-55.11	-36.35	0.00	-3727.8	0.00	3727.82	5976.93	1568.18	7252.83	6755.45	0.00	0.000	0.000	0.562
5.00	-52.97	-35.75	0.00	-3546.0	0.00	3546.07	5909.88	1537.43	6971.17	6547.51	0.08	-0.147	0.000	0.551
10.00	-50.87	-35.15	0.00	-3367.3	0.00	3367.34	5840.82	1506.68	6695.09	6340.39	0.31	-0.296	0.000	0.540
15.00	-48.81	-34.56	0.00	-3191.5	0.00	3191.58	5769.75	1475.93	6424.58	6134.23	0.70	-0.446	0.000	0.529
20.00	-46.79	-33.93	0.00	-3018.7	0.00	3018.78	5696.68	1445.17	6159.66	5929.15	1.25	-0.596	0.000	0.518
25.00	-44.80	-33.28	0.00	-2849.1	0.00	2849.11	5621.60	1414.42	5900.31	5725.31	1.96	-0.748	0.000	0.506
30.00	-42.86	-32.60	0.00	-2682.7	0.00	2682.74	5544.52	1383.67	5646.53	5522.82	2.82	-0.901	0.000	0.494
35.00	-40.95	-31.90	0.00	-2519.7	0.00	2519.75	5465.43	1352.92	5398.34	5321.82	3.85	-1.054	0.000	0.482
39.71	-39.23	-31.19	0.00	-2369.6	0.00	2369.62	5389.15	1323.97	5169.80	5134.11	4.96	-1.199	0.000	0.469
40.00	-39.00	-31.19	0.00	-2360.4	0.00	2360.47	5384.33	1322.17	5155.72	5122.46	5.04	-1.209	0.000	0.469
45.00	-35.85	-30.39	0.00	-2204.5	0.00	2204.51	5301.23	1291.42	4918.69	4924.86	6.39	-1.363	0.000	0.455
46.29	-35.02	-30.21	0.00	-2165.3	0.00	2165.31	4455.12	1146.23	4428.42	4204.54	6.76	-1.404	0.000	0.524
50.00	-33.80	-29.68	0.00	-2053.2	0.00	2053.22	4408.67	1126.26	4275.49	4087.55	7.90	-1.519	0.000	0.511
55.00	-32.21	-28.94	0.00	-1904.8	0.00	1904.82	4344.33	1099.35	4073.64	3930.75	9.58	-1.685	0.000	0.493
60.00	-30.65	-28.20	0.00	-1760.1	0.00	1760.12	4277.98	1072.45	3876.67	3775.06	11.43	-1.850	0.000	0.474
65.00	-29.12	-27.45	0.00	-1619.1	0.00	1619.15	4209.63	1045.54	3684.58	3620.61	13.46	-2.013	0.000	0.455
70.00	-27.63	-26.70	0.00	-1481.9	0.00	1481.91	4139.27	1018.63	3497.37	3467.53	15.65	-2.176	0.000	0.435
75.00	-26.18	-25.96	0.00	-1348.4	0.00	1348.40	4066.90	991.72	3315.04	3315.97	18.02	-2.336	0.000	0.414
80.00	-24.79	-25.19	0.00	-1218.6	0.00	1218.62	3992.52	964.82	3137.60	3166.05	20.55	-2.493	0.000	0.392
81.25	-24.43	-25.02	0.00	-1187.2	0.00	1187.22	3973.67	958.11	3094.11	3128.94	21.20	-2.533	0.000	0.386
85.00	-22.69	-24.41	0.00	-1093.3	0.00	1093.31	3916.15	937.91	2965.03	3017.91	23.24	-2.649	0.000	0.369
86.75	-21.87	-24.14	0.00	-1050.6	0.00	1050.67	3204.80	813.08	2599.71	2502.22	24.22	-2.704	0.000	0.428
90.00	-21.07	-23.67	0.00	-972.13	0.00	972.13	3168.24	798.08	2504.63	2427.58	26.10	-2.802	0.000	0.408
95.00	-19.89	-22.94	0.00	-853.77	0.00	853.77	3110.39	775.01	2361.96	2313.70	29.12	-2.960	0.000	0.376
100.00	-18.75	-22.21	0.00	-739.10	0.00	739.10	3050.53	751.95	2223.47	2200.96	32.30	-3.110	0.000	0.343
105.00	-17.64	-21.48	0.00	-628.07	0.00	628.07	2988.67	728.89	2089.17	2089.50	35.63	-3.251	0.000	0.307
110.00	-16.56	-20.77	0.00	-520.65	0.00	520.65	2924.80	705.82	1959.05	1979.44	39.11	-3.381	0.000	0.270
115.00	-15.51	-20.06	0.00	-416.81	0.00	416.81	2858.93	682.76	1833.11	1870.93	42.71	-3.499	0.000	0.229
120.00	-14.51	-19.36	0.00	-316.49	0.00	316.49	2770.72	659.70	1711.36	1751.26	46.43	-3.600	0.000	0.187
121.00	-14.30	-19.23	0.00	-297.20	0.00	297.20	2751.41	655.10	1687.59	1726.79	47.18	-3.618	0.000	0.178
125.00	-13.02	-18.63	0.00	-220.22	0.00	220.22	2673.85	636.63	1593.79	1630.24	50.25	-3.683	0.000	0.141
125.50	-12.86	-18.56	0.00	-210.97	0.00	210.97	2166.49	540.76	1379.88	1349.42	50.63	-3.690	0.000	0.163
127.00	-9.12	-12.24	0.00	-183.07	0.00	183.07	2151.74	534.98	1350.55	1325.76	51.79	-3.711	0.000	0.143
130.00	-8.67	-11.84	0.00	-146.35	0.00	146.35	2121.75	523.45	1292.95	1278.81	54.14	-3.750	0.000	0.119
135.00	-7.95	-11.18	0.00	-87.16	0.00	87.16	2070.16	504.23	1199.75	1201.43	58.09	-3.800	0.000	0.077
138.00	-3.20	-5.27	0.00	-53.63	0.00	53.63	2038.24	492.70	1145.50	1155.56	60.49	-3.820	0.000	0.048
140.00	-2.96	-5.01	0.00	-43.10	0.00	43.10	2016.57	485.01	1110.03	1125.24	62.09	-3.830	0.000	0.040
145.00	-2.38	-4.39	0.00	-18.03	0.00	18.03	1956.31	465.79	1023.80	1047.87	66.11	-3.846	0.000	0.019
149.08	-0.09	-0.11	0.00	-0.10	0.00	0.10	1890.44	450.11	956.02	978.10	69.39	-3.851	0.000	0.000
150.00	0.00	-0.10	0.00	0.00	0.00	0.00	1875.59	446.57	941.05	962.69	70.13	-3.851	0.000	0.000

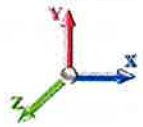
Wind Loading - Shaft

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 15	

Load Case: 0.9D + 1.0W 120 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 22

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	29.411	32.35	531.30	0.950	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	29.411	32.35	520.97	0.950	0.000	5.00	23.922	22.73	735.2	0.0	1354.8
10.00		1.00	0.85	29.411	32.35	510.65	0.950	0.000	5.00	23.452	22.28	720.8	0.0	1328.0
15.00		1.00	0.85	29.411	32.35	500.32	0.950	0.000	5.00	22.983	21.83	706.4	0.0	1301.2
20.00		1.00	0.90	31.207	34.33	504.73	0.950	0.000	5.00	22.513	21.39	734.2	0.0	1274.3
25.00		1.00	0.95	32.708	35.98	505.84	0.950	0.000	5.00	22.044	20.94	753.4	0.0	1247.5
30.00		1.00	0.98	33.988	37.39	504.54	0.950	0.000	5.00	21.574	20.50	766.3	0.0	1220.7
35.00		1.00	1.01	35.109	38.62	501.51	0.950	0.000	5.00	21.105	20.05	774.3	0.0	1193.8
39.71	Bot - Section 2	1.00	1.04	36.054	39.66	497.46	0.950	0.000	4.71	19.438	18.47	732.3	0.0	1099.3
40.00		1.00	1.04	36.110	39.72	497.17	0.950	0.000	0.29	1.220	1.16	46.0	0.0	128.2
45.00		1.00	1.07	37.016	40.72	491.79	0.950	0.000	5.00	20.543	19.52	794.7	0.0	2158.1
46.29	Top - Section 1	1.00	1.08	37.237	40.96	490.26	0.950	0.000	1.29	5.224	4.96	203.3	0.0	548.6
50.00		1.00	1.09	37.846	41.63	494.98	0.950	0.000	3.71	14.850	14.11	587.3	0.0	735.6
55.00		1.00	1.12	38.613	42.47	488.14	0.950	0.000	5.00	19.604	18.62	791.1	0.0	970.9
60.00		1.00	1.14	39.327	43.26	480.69	0.950	0.000	5.00	19.135	18.18	786.4	0.0	947.5
65.00		1.00	1.16	39.996	44.00	472.71	0.950	0.000	5.00	18.666	17.73	780.1	0.0	924.0
70.00		1.00	1.17	40.625	44.69	464.28	0.950	0.000	5.00	18.196	17.29	772.5	0.0	900.5
75.00		1.00	1.19	41.219	45.34	455.44	0.950	0.000	5.00	17.727	16.84	763.6	0.0	877.0
80.00		1.00	1.21	41.783	45.96	446.24	0.950	0.000	5.00	17.257	16.39	753.5	0.0	853.5
81.25	Bot - Section 3	1.00	1.21	41.919	46.11	443.89	0.950	0.000	1.25	4.230	4.02	185.3	0.0	209.2
85.00		1.00	1.22	42.319	46.55	436.71	0.950	0.000	3.75	12.801	12.16	566.1	0.0	1164.4
86.75	Top - Section 2	1.00	1.23	42.501	46.75	433.31	0.950	0.000	1.75	5.867	5.57	260.6	0.0	533.5
90.00		1.00	1.24	42.832	47.11	435.47	0.950	0.000	3.25	10.775	10.24	482.3	0.0	457.3
95.00		1.00	1.25	43.322	47.65	425.43	0.950	0.000	5.00	16.172	15.36	732.1	0.0	686.3
100.00		1.00	1.27	43.792	48.17	415.13	0.950	0.000	5.00	15.703	14.92	718.6	0.0	666.1
105.00		1.00	1.28	44.245	48.67	404.60	0.950	0.000	5.00	15.233	14.47	704.3	0.0	646.0
110.00		1.00	1.29	44.680	49.15	393.86	0.950	0.000	5.00	14.764	14.03	689.3	0.0	625.9
115.00		1.00	1.30	45.100	49.61	382.92	0.950	0.000	5.00	14.294	13.58	673.7	0.0	605.8
120.00		1.00	1.32	45.506	50.06	371.80	0.950	0.000	5.00	13.825	13.13	657.4	0.0	585.7
121.00	Bot - Section 4	1.00	1.32	45.585	50.14	369.56	0.950	0.000	1.00	2.700	2.56	128.6	0.0	114.3
125.00		1.00	1.33	45.899	50.49	360.50	0.950	0.000	4.00	10.872	10.33	521.5	0.0	835.7
125.50	Top - Section 3	1.00	1.33	45.937	50.53	359.37	0.950	0.000	0.50	1.328	1.26	63.7	0.0	102.0
127.00	Appurtenance(s)	1.00	1.33	46.052	50.66	363.35	0.950	0.000	1.50	3.991	3.79	192.1	0.0	141.1
130.00		1.00	1.34	46.279	50.91	356.48	0.950	0.000	3.00	7.837	7.45	379.0	0.0	277.0
135.00		1.00	1.35	46.649	51.31	344.89	0.950	0.000	5.00	12.686	12.05	618.4	0.0	448.3
138.00	Appurtenance(s)	1.00	1.35	46.865	51.55	337.87	0.955 *	0.000	3.00	7.386	7.06	363.8	0.0	260.9
140.00		1.00	1.36	47.007	51.71	333.16	0.950	0.000	2.00	4.830	4.59	237.3	0.0	170.6
145.00		1.00	1.37	47.356	52.09	321.29	0.950	0.000	5.00	11.747	11.16	581.3	0.0	414.8
149.08	Appurtenance(s)	1.00	1.38	47.633	52.40	311.51	0.950	0.000	4.08	9.238	8.78	459.8	0.0	326.0
150.00		1.00	1.38	47.695	52.46	309.29	0.950	0.000	0.92	2.040	1.94	101.7	0.0	72.0
								Totals:	**150.00**			**21,518.2**		**28,406.6**

* Cf Adjusted by Linear Load Ra Effect

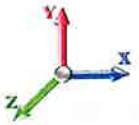
Discrete Appurtenance Forces

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 16	

Load Case: 0.9D + 1.0W 120 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 22

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	149.08	Low Profile Platform	1	47.633	52.396	1.00	1.00	18.04	1080.00	0.000	0.000	945.23	0.00	0.00
2	149.08	AP11-880/090/XP	3	47.633	52.396	0.65	0.90	9.39	47.52	0.000	0.000	491.98	0.00	0.00
3	149.08	DB844H90E-XY	9	47.633	52.396	1.01	0.90	27.67	113.40	0.000	0.000	1449.79	0.00	0.00
4	149.08	Mount Pipes	12	47.633	52.396	0.90	0.90	14.80	324.00	0.000	0.000	775.26	0.00	0.00
5	138.00	KRY 112 144/1	3	46.865	51.551	0.52	0.75	0.65	29.70	0.000	0.000	33.29	0.00	0.00
6	138.00	APXVAARR24_43-U-NA2	3	46.865	51.551	0.54	0.75	32.79	345.60	0.000	0.000	1690.31	0.00	0.00
7	138.00	RMQP-4096-HK Plat. +	1	46.865	51.551	1.00	1.00	51.70	2380.50	0.000	0.000	2665.21	0.00	0.00
8	138.00	KRY 112 489/2	3	46.865	51.551	0.61	0.75	1.20	41.58	0.000	0.000	61.82	0.00	0.00
9	138.00	4449 B71 + B85	3	46.865	51.551	0.50	0.75	2.97	202.50	0.000	0.000	153.10	0.00	0.00
10	138.00	Kathrein 782 11056	3	46.865	51.551	0.50	0.75	0.75	5.40	0.000	0.000	38.86	0.00	0.00
11	138.00	AIR6419 B41	3	46.865	51.551	0.57	0.75	6.84	224.91	0.000	0.000	352.61	0.00	0.00
12	138.00	4460 B25 + B66	3	46.865	51.551	0.50	0.75	4.30	280.80	0.000	0.000	221.48	0.00	0.00
13	127.00	Samsung RF440D-13A	3	46.052	50.658	0.50	0.75	2.82	189.81	0.000	0.000	142.81	0.00	0.00
14	127.00	RFS DB-T1-6Z-8AB-0Z	1	46.052	50.658	0.75	0.75	3.60	39.60	0.000	0.000	182.37	0.00	0.00
15	127.00	Commscope	3	46.052	50.658	0.62	0.75	10.98	90.45	0.000	0.000	556.27	0.00	0.00
16	127.00	Kaelus KA-6030	2	46.052	50.658	0.61	0.75	1.18	31.68	0.000	0.000	59.82	0.00	0.00
17	127.00	Platform w/ Handrail	1	46.052	50.658	1.00	1.00	24.20	1412.27	0.000	0.000	1225.92	0.00	0.00
18	127.00	Mount pipes	15	46.052	50.658	0.75	0.75	11.59	405.00	0.000	0.000	587.00	0.00	0.00
19	127.00	Commscope	3	46.052	50.658	0.62	0.75	15.03	136.92	0.000	0.000	761.56	0.00	0.00
20	127.00	RFS FD9R6004/2C-3L	6	46.052	50.658	0.46	0.75	0.86	16.20	0.000	0.000	43.81	0.00	0.00
21	127.00	Samsung MT6407-77A	3	46.052	50.658	0.52	0.75	7.42	235.17	0.000	0.000	375.79	0.00	0.00
22	127.00	Antel LPA-80080/6CFx2	4	46.052	50.658	0.56	0.75	19.42	75.60	0.000	0.000	983.65	0.00	0.00
23	127.00	ANTEL LPA-80063/6CF-2	2	46.052	50.658	0.71	0.75	13.64	48.60	0.000	0.000	690.83	0.00	0.00
24	127.00	Samsung RF4439d-25A	3	46.052	50.658	0.50	0.75	2.82	201.69	0.000	0.000	142.81	0.00	0.00
25	127.00	Raycap	1	46.052	50.658	0.75	0.75	2.52	24.21	0.000	0.000	127.66	0.00	0.00
							Totals:		**7,983.11**			**14,759.21**		

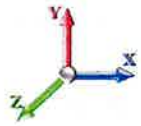
Total Applied Force Summary

Structure:	CT46129-A		**Code:**	TIA-222-H	8/8/2023
Site Name:	Tolland-reed Rd		**Exposure:**	C	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Default	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 17

Load Case: 0.9D + 1.0W 120 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 22

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		735.23	1536.06	0.00	0.00
10.00		720.80	1509.23	0.00	0.00
15.00		706.37	1482.40	0.00	0.00
20.00		734.18	1455.57	0.00	0.00
25.00		753.45	1428.74	0.00	0.00
30.00		766.26	1401.91	0.00	0.00
35.00		774.31	1375.08	0.00	0.00
39.71		732.34	1269.89	0.00	0.00
40.00		46.03	138.80	0.00	0.00
45.00		794.66	2339.30	0.00	0.00
46.29		203.28	595.38	0.00	0.00
50.00		587.31	870.08	0.00	0.00
55.00		791.06	1152.16	0.00	0.00
60.00		786.39	1128.68	0.00	0.00
65.00		780.13	1105.21	0.00	0.00
70.00		772.47	1081.73	0.00	0.00
75.00		763.55	1058.25	0.00	0.00
80.00		753.50	1034.78	0.00	0.00
81.25		185.28	254.35	0.00	0.00
85.00		566.10	1300.44	0.00	0.00
86.75		260.57	596.80	0.00	0.00
90.00		482.27	575.26	0.00	0.00
95.00		732.14	867.49	0.00	0.00
100.00		718.61	847.37	0.00	0.00
105.00		704.32	827.25	0.00	0.00
110.00		689.33	807.13	0.00	0.00
115.00		673.69	787.00	0.00	0.00
120.00		657.43	766.88	0.00	0.00
121.00		128.60	150.46	0.00	0.00
125.00		521.45	980.77	0.00	0.00
125.50		63.74	120.03	0.00	0.00
127.00	(47) attachments	6072.33	3102.79	0.00	0.00
130.00		379.01	348.95	0.00	0.00
135.00		618.42	568.18	0.00	0.00
138.00	(22) attachments	5580.45	3843.85	0.00	0.00
140.00		237.28	190.79	0.00	0.00
145.00		581.33	465.25	0.00	0.00
149.08	(25) attachments	4122.08	1932.14	0.00	0.00
150.00		101.67	73.06	0.00	0.00
	Totals:	**36,277.43**	**41,369.47**	**0.00**	**0.00**

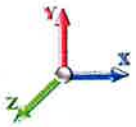
Linear Appurtenance Segment Forces (Factored)

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 18

Load Case: 0.9D + 1.0W 120 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 22

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	5.00	0.000	0.38	0.16	0.00	0.052	0.000	29.411	0.00	1.23
5.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.052	0.000	29.411	0.00	4.68
5.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.052	0.000	29.411	0.00	18.72
10.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.053	0.000	29.411	0.00	1.23
10.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.053	0.000	29.411	0.00	4.68
10.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.053	0.000	29.411	0.00	18.72
15.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.055	0.000	29.411	0.00	1.23
15.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.055	0.000	29.411	0.00	4.68
15.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.055	0.000	29.411	0.00	18.72
20.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.056	0.000	31.207	0.00	1.23
20.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.056	0.000	31.207	0.00	4.68
20.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.056	0.000	31.207	0.00	18.72
25.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.057	0.000	32.708	0.00	1.23
25.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.057	0.000	32.708	0.00	4.68
25.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.057	0.000	32.708	0.00	18.72
30.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.058	0.000	33.988	0.00	1.23
30.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.058	0.000	33.988	0.00	4.68
30.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.058	0.000	33.988	0.00	18.72
35.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.059	0.000	35.109	0.00	1.23
35.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.059	0.000	35.109	0.00	4.68
35.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.059	0.000	35.109	0.00	18.72
39.71	Safety Cable	Yes	4.71	0.000	0.38	0.15	0.00	0.061	0.000	36.054	0.00	1.16
39.71	Step bolts (ladder)	Yes	4.71	0.000	0.63	0.25	0.00	0.061	0.000	36.054	0.00	4.41
39.71	1 5/8" Coax	Yes	4.71	0.000	2.00	0.78	0.00	0.061	0.000	36.054	0.00	17.62
40.00	Safety Cable	Yes	0.29	0.000	0.38	0.01	0.00	0.061	0.000	36.110	0.00	0.07
40.00	Step bolts (ladder)	Yes	0.29	0.000	0.63	0.02	0.00	0.061	0.000	36.110	0.00	0.27
40.00	1 5/8" Coax	Yes	0.29	0.000	2.00	0.05	0.00	0.061	0.000	36.110	0.00	1.10
45.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.062	0.000	37.016	0.00	1.23
45.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.062	0.000	37.016	0.00	4.68
45.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.062	0.000	37.016	0.00	18.72
46.29	Safety Cable	Yes	1.29	0.000	0.38	0.04	0.00	0.063	0.000	37.237	0.00	0.32
46.29	Step bolts (ladder)	Yes	1.29	0.000	0.63	0.07	0.00	0.063	0.000	37.237	0.00	1.21
46.29	1 5/8" Coax	Yes	1.29	0.000	2.00	0.21	0.00	0.063	0.000	37.237	0.00	4.83
50.00	Safety Cable	Yes	3.71	0.000	0.38	0.12	0.00	0.063	0.000	37.846	0.00	0.91
50.00	Step bolts (ladder)	Yes	3.71	0.000	0.63	0.19	0.00	0.063	0.000	37.846	0.00	3.47
50.00	1 5/8" Coax	Yes	3.71	0.000	2.00	0.62	0.00	0.063	0.000	37.846	0.00	13.89
55.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.064	0.000	38.613	0.00	1.23
55.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.064	0.000	38.613	0.00	4.68
55.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.064	0.000	38.613	0.00	18.72
60.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.066	0.000	39.327	0.00	1.23
60.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.066	0.000	39.327	0.00	4.68
60.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.066	0.000	39.327	0.00	18.72
65.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.067	0.000	39.996	0.00	1.23
65.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.067	0.000	39.996	0.00	4.68
65.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.067	0.000	39.996	0.00	18.72
70.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.069	0.000	40.625	0.00	1.23
70.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.069	0.000	40.625	0.00	4.68

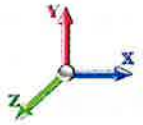
Linear Appurtenance Segment Forces (Factored)

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 19	

Load Case: 0.9D + 1.0W 120 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 22

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)
70.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.069	0.000	40.625	0.00	18.72
75.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.071	0.000	41.219	0.00	1.23
75.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.071	0.000	41.219	0.00	4.68
75.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.071	0.000	41.219	0.00	18.72
80.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.073	0.000	41.783	0.00	1.23
80.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.073	0.000	41.783	0.00	4.68
80.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.073	0.000	41.783	0.00	18.72
81.25	Safety Cable	Yes	1.25	0.000	0.38	0.04	0.00	0.074	0.000	41.919	0.00	0.31
81.25	Step bolts (ladder)	Yes	1.25	0.000	0.63	0.07	0.00	0.074	0.000	41.919	0.00	1.17
81.25	1 5/8" Coax	Yes	1.25	0.000	2.00	0.21	0.00	0.074	0.000	41.919	0.00	4.67
85.00	Safety Cable	Yes	3.75	0.000	0.38	0.12	0.00	0.075	0.000	42.319	0.00	0.92
85.00	Step bolts (ladder)	Yes	3.75	0.000	0.63	0.20	0.00	0.075	0.000	42.319	0.00	3.51
85.00	1 5/8" Coax	Yes	3.75	0.000	2.00	0.63	0.00	0.075	0.000	42.319	0.00	14.05
86.75	Safety Cable	Yes	1.75	0.000	0.38	0.06	0.00	0.076	0.000	42.501	0.00	0.43
86.75	Step bolts (ladder)	Yes	1.75	0.000	0.63	0.09	0.00	0.076	0.000	42.501	0.00	1.63
86.75	1 5/8" Coax	Yes	1.75	0.000	2.00	0.29	0.00	0.076	0.000	42.501	0.00	6.54
90.00	Safety Cable	Yes	3.25	0.000	0.38	0.10	0.00	0.076	0.000	42.832	0.00	0.80
90.00	Step bolts (ladder)	Yes	3.25	0.000	0.63	0.17	0.00	0.076	0.000	42.832	0.00	3.05
90.00	1 5/8" Coax	Yes	3.25	0.000	2.00	0.54	0.00	0.076	0.000	42.832	0.00	12.18
95.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.078	0.000	43.322	0.00	1.23
95.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.078	0.000	43.322	0.00	4.68
95.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.078	0.000	43.322	0.00	18.72
100.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.080	0.000	43.792	0.00	1.23
100.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.080	0.000	43.792	0.00	4.68
100.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.080	0.000	43.792	0.00	18.72
105.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.082	0.000	44.245	0.00	1.23
105.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.082	0.000	44.245	0.00	4.68
105.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.082	0.000	44.245	0.00	18.72
110.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.085	0.000	44.680	0.00	1.23
110.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.085	0.000	44.680	0.00	4.68
110.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.085	0.000	44.680	0.00	18.72
115.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.088	0.000	45.100	0.00	1.23
115.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.088	0.000	45.100	0.00	4.68
115.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.088	0.000	45.100	0.00	18.72
120.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.091	0.000	45.506	0.00	1.23
120.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.091	0.000	45.506	0.00	4.68
120.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.091	0.000	45.506	0.00	18.72
121.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.093	0.000	45.585	0.00	0.24
121.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.093	0.000	45.585	0.00	0.93
121.00	1 5/8" Coax	Yes	1.00	0.000	2.00	0.17	0.00	0.093	0.000	45.585	0.00	3.73
125.00	Safety Cable	Yes	4.00	0.000	0.38	0.13	0.00	0.094	0.000	45.899	0.00	0.98
125.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.21	0.00	0.094	0.000	45.899	0.00	3.75
125.00	1 5/8" Coax	Yes	4.00	0.000	2.00	0.67	0.00	0.094	0.000	45.899	0.00	14.99
125.50	Safety Cable	Yes	0.50	0.000	0.38	0.02	0.00	0.096	0.000	45.937	0.00	0.12
125.50	Step bolts (ladder)	Yes	0.50	0.000	0.63	0.03	0.00	0.096	0.000	45.937	0.00	0.46
125.50	1 5/8" Coax	Yes	0.50	0.000	2.00	0.08	0.00	0.096	0.000	45.937	0.00	1.86
127.00	Safety Cable	Yes	1.50	0.000	0.38	0.05	0.00	0.094	0.000	46.052	0.00	0.37

Linear Appurtenance Segment Forces (Factored)

Structure: CT46129-A
Site Name: Tolland-reed Rd
Height: 150.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H
Exposure: C
Crest Height: 0.00
Site Class: D - Default
Struct Class: II

8/8/2023

Load Case: 0.9D + 1.0W 120 mph Wind
Dead Load Factor 0.90
Wind Load Factor 1.00

Iterations 22

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)
127.00	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.08	0.00	0.094	0.000	46.052	0.00	1.41
127.00	1 5/8" Coax	Yes	1.50	0.000	2.00	0.25	0.00	0.094	0.000	46.052	0.00	5.63
130.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.096	0.000	46.279	0.00	0.74
130.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.096	0.000	46.279	0.00	2.81
130.00	1 5/8" Coax	Yes	3.00	0.000	2.00	0.50	0.00	0.096	0.000	46.279	0.00	11.23
135.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.099	0.000	46.649	0.00	1.23
135.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.099	0.000	46.649	0.00	4.68
135.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.099	0.000	46.649	0.00	18.72
138.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.102	1.006	46.865	0.00	0.74
138.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.102	1.006	46.865	0.00	2.81
138.00	1 5/8" Coax	Yes	3.00	0.000	2.00	0.50	0.00	0.102	1.006	46.865	0.00	11.23
140.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.035	0.000	47.007	0.00	0.49
140.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.035	0.000	47.007	0.00	1.87
145.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.036	0.000	47.356	0.00	1.23
145.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.036	0.000	47.356	0.00	4.68
149.08	Safety Cable	Yes	4.08	0.000	0.38	0.13	0.00	0.037	0.000	47.633	0.00	1.00
149.08	Step bolts (ladder)	Yes	4.08	0.000	0.63	0.21	0.00	0.037	0.000	47.633	0.00	3.82
150.00	Safety Cable	Yes	0.92	0.000	0.38	0.03	0.00	0.038	0.000	47.695	0.00	0.23
150.00	Step bolts (ladder)	Yes	0.92	0.000	0.63	0.05	0.00	0.038	0.000	47.695	0.00	0.86
										Totals:	**0.0**	**693.9**

Calculated Forces

Structure:	CT46129-A		**Code:**	TIA-222-H	8/8/2023
Site Name:	Tolland-reed Rd		**Exposure:**	C	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Default	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 21

Load Case: 0.9D + 1.0W 120 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00

Iterations 22

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	-41.32	-36.33	0.00	-3696.8	0.00	3696.89	5976.93	1568.18	7252.83	6755.45	0.00	0.000	0.000	0.555
5.00	-39.70	-35.70	0.00	-3515.2	0.00	3515.24	5909.88	1537.43	6971.17	6547.51	0.08	-0.146	0.000	0.544
10.00	-38.10	-35.07	0.00	-3336.7	0.00	3336.76	5840.82	1506.68	6695.09	6340.39	0.31	-0.293	0.000	0.533
15.00	-36.53	-34.45	0.00	-3161.4	0.00	3161.43	5769.75	1475.93	6424.58	6134.23	0.70	-0.442	0.000	0.522
20.00	-34.99	-33.79	0.00	-2989.2	0.00	2989.20	5696.68	1445.17	6159.66	5929.15	1.24	-0.591	0.000	0.511
25.00	-33.49	-33.11	0.00	-2820.2	0.00	2820.25	5621.60	1414.42	5900.31	5725.31	1.94	-0.741	0.000	0.499
30.00	-32.01	-32.41	0.00	-2654.7	0.00	2654.71	5544.52	1383.67	5646.53	5522.82	2.80	-0.892	0.000	0.487
35.00	-30.57	-31.69	0.00	-2492.6	0.00	2492.68	5465.43	1352.92	5398.34	5321.82	3.82	-1.044	0.000	0.475
39.71	-29.27	-30.97	0.00	-2343.5	0.00	2343.54	5389.15	1323.97	5169.80	5134.11	4.92	-1.188	0.000	0.462
40.00	-29.09	-30.96	0.00	-2334.4	0.00	2334.45	5384.33	1322.17	5155.72	5122.46	4.99	-1.197	0.000	0.462
45.00	-26.72	-30.16	0.00	-2179.6	0.00	2179.64	5301.23	1291.42	4918.69	4924.86	6.33	-1.349	0.000	0.448
46.29	-26.09	-29.98	0.00	-2140.7	0.00	2140.73	4455.12	1146.23	4428.42	4204.54	6.70	-1.390	0.000	0.516
50.00	-25.16	-29.43	0.00	-2029.5	0.00	2029.51	4408.67	1126.26	4275.49	4087.55	7.82	-1.504	0.000	0.503
55.00	-23.95	-28.68	0.00	-1882.3	0.00	1882.36	4344.33	1099.35	4073.64	3930.75	9.49	-1.668	0.000	0.485
60.00	-22.77	-27.92	0.00	-1738.9	0.00	1738.98	4277.98	1072.45	3876.67	3775.06	11.32	-1.831	0.000	0.467
65.00	-21.61	-27.17	0.00	-1599.3	0.00	1599.38	4209.63	1045.54	3684.58	3620.61	13.32	-1.992	0.000	0.448
70.00	-20.49	-26.41	0.00	-1463.5	0.00	1463.55	4139.27	1018.63	3497.37	3467.53	15.50	-2.153	0.000	0.428
75.00	-19.39	-25.66	0.00	-1331.5	0.00	1331.50	4066.90	991.72	3315.04	3315.97	17.84	-2.311	0.000	0.407
80.00	-18.34	-24.89	0.00	-1203.2	0.00	1203.20	3992.52	964.82	3137.60	3166.05	20.34	-2.466	0.000	0.385
81.25	-18.06	-24.72	0.00	-1172.1	0.00	1172.16	3973.67	958.11	3094.11	3128.94	20.99	-2.505	0.000	0.380
85.00	-16.75	-24.12	0.00	-1079.3	0.00	1079.37	3916.15	937.91	2965.03	3017.91	23.01	-2.620	0.000	0.363
86.75	-16.14	-23.86	0.00	-1037.2	0.00	1037.23	3204.80	813.08	2599.71	2502.22	23.97	-2.674	0.000	0.420
90.00	-15.54	-23.38	0.00	-959.62	0.00	959.62	3168.24	798.08	2504.63	2427.58	25.83	-2.771	0.000	0.401
95.00	-14.65	-22.65	0.00	-842.71	0.00	842.71	3110.39	775.01	2361.96	2313.70	28.82	-2.927	0.000	0.370
100.00	-13.78	-21.92	0.00	-729.47	0.00	729.47	3050.53	751.95	2223.47	2200.96	31.96	-3.075	0.000	0.337
105.00	-12.94	-21.20	0.00	-619.87	0.00	619.87	2988.67	728.89	2089.17	2089.50	35.26	-3.214	0.000	0.302
110.00	-12.13	-20.49	0.00	-513.86	0.00	513.86	2924.80	705.82	1959.05	1979.44	38.69	-3.343	0.000	0.265
115.00	-11.35	-19.80	0.00	-411.39	0.00	411.39	2858.93	682.76	1833.11	1870.93	42.25	-3.458	0.000	0.225
120.00	-10.61	-19.10	0.00	-312.41	0.00	312.41	2770.72	659.70	1711.36	1751.26	45.93	-3.558	0.000	0.183
121.00	-10.45	-18.97	0.00	-293.37	0.00	293.37	2751.41	655.10	1687.59	1726.79	46.68	-3.577	0.000	0.175
125.00	-9.49	-18.40	0.00	-217.42	0.00	217.42	2673.85	636.63	1593.79	1630.24	49.70	-3.641	0.000	0.138
125.50	-9.37	-18.33	0.00	-208.28	0.00	208.28	2166.49	540.76	1379.88	1349.42	50.08	-3.648	0.000	0.160
127.00	-6.66	-12.07	0.00	-180.73	0.00	180.73	2151.74	534.98	1350.55	1325.76	51.23	-3.668	0.000	0.140
130.00	-6.33	-11.68	0.00	-144.51	0.00	144.51	2121.75	523.45	1292.95	1278.81	53.55	-3.707	0.000	0.116
135.00	-5.79	-11.03	0.00	-86.12	0.00	86.12	2070.16	504.23	1199.75	1201.43	57.46	-3.756	0.000	0.075
138.00	-2.32	-5.21	0.00	-53.04	0.00	53.04	2038.24	492.70	1145.50	1155.56	59.82	-3.776	0.000	0.047
140.00	-2.15	-4.96	0.00	-42.62	0.00	42.62	2016.57	485.01	1110.03	1125.24	61.41	-3.786	0.000	0.039
145.00	-1.72	-4.35	0.00	-17.84	0.00	17.84	1956.31	465.79	1023.80	1047.87	65.38	-3.802	0.000	0.018
149.08	-0.07	-0.11	0.00	-0.10	0.00	0.10	1890.44	450.11	956.02	978.10	68.63	-3.806	0.000	0.000
150.00	0.00	-0.10	0.00	0.00	0.00	0.00	1875.59	446.57	941.05	962.69	69.36	-3.806	0.000	0.000

Wind Loading - Shaft

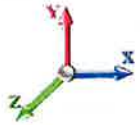
Structure: CT46129-A
Site Name: Tolland-reed Rd
Height: 150.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H
Exposure: C
Crest Height: 0.00
Site Class: D - Default
Struct Class: II

8/8/2023

SBA

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind
Dead Load Factor 1.20
Wind Load Factor 1.00



Iterations 21

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	5.106	5.62	0.00	1.200	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	5.106	5.62	0.00	1.200	0.828	5.00	24.612	29.53	165.9	299.0	2105.5
10.00		1.00	0.85	5.106	5.62	0.00	1.200	0.887	5.00	24.192	29.03	163.1	314.5	2085.2
15.00		1.00	0.85	5.106	5.62	0.00	1.200	0.924	5.00	23.753	28.50	160.1	321.3	2056.2
20.00		1.00	0.90	5.418	5.96	0.00	1.200	0.951	5.00	23.306	27.97	166.7	324.1	2023.2
25.00		1.00	0.95	5.678	6.25	0.00	1.200	0.973	5.00	22.854	27.43	171.3	324.7	1988.0
30.00		1.00	0.98	5.901	6.49	0.00	1.200	0.991	5.00	22.400	26.88	174.5	323.8	1951.3
35.00		1.00	1.01	6.095	6.70	0.00	1.200	1.006	5.00	21.943	26.33	176.5	321.8	1913.6
39.71	Bot - Section 2	1.00	1.04	6.259	6.89	0.00	1.200	1.019	4.71	20.237	24.28	167.2	300.5	1766.2
40.00		1.00	1.04	6.269	6.90	0.00	1.200	1.019	0.29	1.270	1.52	10.5	19.1	189.9
45.00		1.00	1.07	6.426	7.07	0.00	1.200	1.032	5.00	21.403	25.68	181.6	321.4	3198.9
46.29	Top - Section 1	1.00	1.08	6.465	7.11	0.00	1.200	1.034	1.29	5.446	6.54	46.5	82.7	814.2
50.00		1.00	1.09	6.571	7.23	0.00	1.200	1.042	3.71	15.494	18.59	134.4	235.6	1216.4
55.00		1.00	1.12	6.704	7.37	0.00	1.200	1.052	5.00	20.481	24.58	181.2	313.3	1607.8
60.00		1.00	1.14	6.828	7.51	0.00	1.200	1.062	5.00	20.020	24.02	180.4	308.6	1571.8
65.00		1.00	1.16	6.944	7.64	0.00	1.200	1.070	5.00	19.557	23.47	179.3	303.5	1535.5
70.00		1.00	1.17	7.053	7.76	0.00	1.200	1.078	5.00	19.094	22.91	177.8	298.3	1498.9
75.00		1.00	1.19	7.156	7.87	0.00	1.200	1.086	5.00	18.631	22.36	176.0	292.7	1462.1
80.00		1.00	1.21	7.254	7.98	0.00	1.200	1.093	5.00	18.168	21.80	174.0	286.9	1425.0
81.25	Bot - Section 3	1.00	1.21	7.278	8.01	0.00	1.200	1.094	1.25	4.457	5.35	42.8	71.2	350.1
85.00		1.00	1.22	7.347	8.08	0.00	1.200	1.099	3.75	13.488	16.19	130.8	214.9	1767.5
86.75	Top - Section 2	1.00	1.23	7.379	8.12	0.00	1.200	1.101	1.75	6.188	7.43	60.3	99.3	810.6
90.00		1.00	1.24	7.436	8.18	0.00	1.200	1.106	3.25	11.374	13.65	111.6	182.3	792.1
95.00		1.00	1.25	7.521	8.27	0.00	1.200	1.112	5.00	17.099	20.52	169.8	273.9	1189.0
100.00		1.00	1.27	7.603	8.36	0.00	1.200	1.117	5.00	16.634	19.96	166.9	267.5	1155.7
105.00		1.00	1.28	7.681	8.45	0.00	1.200	1.123	5.00	16.169	19.40	163.9	260.9	1122.3
110.00		1.00	1.29	7.757	8.53	0.00	1.200	1.128	5.00	15.704	18.84	160.8	254.2	1088.8
115.00		1.00	1.30	7.830	8.61	0.00	1.200	1.133	5.00	15.239	18.29	157.5	247.4	1055.1
120.00		1.00	1.32	7.900	8.69	0.00	1.200	1.138	5.00	14.773	17.73	154.1	240.5	1021.3
121.00	Bot - Section 4	1.00	1.32	7.914	8.71	0.00	1.200	1.139	1.00	2.889	3.47	30.2	47.7	200.1
125.00		1.00	1.33	7.969	8.77	0.00	1.200	1.142	4.00	11.634	13.96	122.4	190.6	1304.8
125.50	Top - Section 3	1.00	1.33	7.975	8.77	0.00	1.200	1.143	0.50	1.422	1.71	15.0	23.6	159.6
127.00	Appurtenance(s)	1.00	1.33	7.995	8.79	0.00	1.200	1.144	1.50	4.277	5.13	45.1	70.7	258.9
130.00		1.00	1.34	8.035	8.84	0.00	1.200	1.147	3.00	8.410	10.09	89.2	138.6	507.9
135.00		1.00	1.35	8.099	8.91	0.00	1.200	1.151	5.00	13.645	16.37	145.9	223.7	821.5
138.00	Appurtenance(s)	1.00	1.35	8.136	8.95	0.00	1.207 *	1.154	3.00	7.963	9.61	86.0	131.6	479.5
140.00		1.00	1.36	8.161	8.98	0.00	1.200	1.155	2.00	5.215	6.26	56.2	86.6	314.0
145.00		1.00	1.37	8.221	9.04	0.00	1.200	1.160	5.00	12.713	15.26	138.0	209.0	762.1
149.08	Appurtenance(s)	1.00	1.38	8.270	9.10	0.00	1.200	1.163	4.08	10.029	12.03	109.5	165.6	600.3
150.00		1.00	1.38	8.280	9.11	0.00	1.200	1.163	0.92	2.218	2.66	24.2	37.1	133.1
								Totals:	**150.00**			**4,966.9**		**46,304.0**

* Cf Adjusted by Linear Load Ra Effect

Discrete Appurtenance Forces

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
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 21

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	149.08	Low Profile Platform	1	8.270	9.097	1.00	1.00	28.53	2144.63	0.000	0.000	259.51	0.00	0.00
2	149.08	AP11-880/090/XP	3	8.270	9.097	0.65	0.90	10.61	283.06	0.000	0.000	96.48	0.00	0.00
3	149.08	DB844H90E-XY	9	8.270	9.097	1.01	0.90	32.80	760.80	0.000	0.000	298.41	0.00	0.00
4	149.08	Mount Pipes	12	8.270	9.097	0.90	0.90	23.40	1093.39	0.000	0.000	212.84	0.00	0.00
5	138.00	KRY 112 144/1	3	8.136	8.950	0.52	0.75	1.14	51.68	0.000	0.000	10.21	0.00	0.00
6	138.00	APXVAARR24_43-U-NA2	3	8.136	8.950	0.54	0.75	34.80	1278.97	0.000	0.000	311.44	0.00	0.00
7	138.00	RMQP-4096-HK Plat. +	1	8.136	8.950	1.00	1.00	76.99	4250.11	0.000	0.000	689.08	0.00	0.00
8	138.00	KRY 112 489/2	3	8.136	8.950	0.61	0.75	1.95	75.39	0.000	0.000	17.42	0.00	0.00
9	138.00	4449 B71 + B85	3	8.136	8.950	0.50	0.75	3.54	217.54	0.000	0.000	31.66	0.00	0.00
10	138.00	Kathrein 782 11056	3	8.136	8.950	0.50	0.75	1.23	-33.47	0.000	0.000	10.97	0.00	0.00
11	138.00	AIR6419 B41	3	8.136	8.950	0.57	0.75	7.79	523.85	0.000	0.000	69.69	0.00	0.00
12	138.00	4460 B25 + B66	3	8.136	8.950	0.50	0.75	4.97	444.48	0.000	0.000	44.47	0.00	0.00
13	127.00	Samsung RF440D-13A	3	7.995	8.795	0.50	0.75	3.36	314.91	0.000	0.000	29.51	0.00	0.00
14	127.00	RFS DB-T1-6Z-8AB-0Z	1	7.995	8.795	0.75	0.75	4.02	126.28	0.000	0.000	35.33	0.00	0.00
15	127.00	Commscope	3	7.995	8.795	0.63	0.75	12.41	300.31	0.000	0.000	109.10	0.00	0.00
16	127.00	Kaelus KA-6030	2	7.995	8.795	0.63	0.75	1.54	107.94	0.000	0.000	13.53	0.00	0.00
17	127.00	Platform w/ Handrail	1	7.995	8.795	1.00	1.00	38.05	4745.03	0.000	0.000	334.60	0.00	0.00
18	127.00	Mount pipes	15	7.995	8.795	0.75	0.75	18.22	1360.74	0.000	0.000	160.21	0.00	0.00
19	127.00	Commscope	3	7.995	8.795	0.63	0.75	16.77	446.49	0.000	0.000	147.47	0.00	0.00
20	127.00	RFS FD9R6004/2C-3L	6	7.995	8.795	0.51	0.75	1.43	38.30	0.000	0.000	12.57	0.00	0.00
21	127.00	Samsung MT6407-77A	3	7.995	8.795	0.53	0.75	8.47	481.48	0.000	0.000	74.50	0.00	0.00
22	127.00	Antel LPA-80080/6CFx2	4	7.995	8.795	0.58	0.75	21.87	690.31	0.000	0.000	192.34	0.00	0.00
23	127.00	ANTEL LPA-80063/6CF-2	2	7.995	8.795	0.71	0.75	14.87	463.34	0.000	0.000	130.81	0.00	0.00
24	127.00	Samsung RF4439d-25A	3	7.995	8.795	0.50	0.75	3.36	301.71	0.000	0.000	29.51	0.00	0.00
25	127.00	Raycap	1	7.995	8.795	0.75	0.75	2.88	67.19	0.000	0.000	25.35	0.00	0.00
							Totals:		**20,534.48**			**3,347.00**		

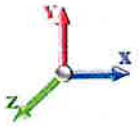
Total Applied Force Summary

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
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 21

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		165.89	2395.15	0.00	0.00
10.00		163.06	2378.84	0.00	0.00
15.00		160.10	2352.27	0.00	0.00
20.00		166.67	2321.18	0.00	0.00
25.00		171.31	2287.49	0.00	0.00
30.00		174.47	2252.08	0.00	0.00
35.00		176.55	2215.43	0.00	0.00
39.71		167.20	2051.19	0.00	0.00
40.00		10.51	207.71	0.00	0.00
45.00		181.56	3502.56	0.00	0.00
46.29		46.48	892.58	0.00	0.00
50.00		134.39	1442.36	0.00	0.00
55.00		181.24	1913.04	0.00	0.00
60.00		180.43	1877.72	0.00	0.00
65.00		179.26	1842.03	0.00	0.00
70.00		177.77	1806.03	0.00	0.00
75.00		175.99	1769.73	0.00	0.00
80.00		173.96	1733.19	0.00	0.00
81.25		42.82	426.93	0.00	0.00
85.00		130.81	1999.18	0.00	0.00
86.75		60.27	918.50	0.00	0.00
90.00		111.65	993.26	0.00	0.00
95.00		169.75	1498.56	0.00	0.00
100.00		166.93	1465.72	0.00	0.00
105.00		163.94	1432.73	0.00	0.00
110.00		160.79	1399.60	0.00	0.00
115.00		157.50	1366.33	0.00	0.00
120.00		154.06	1332.93	0.00	0.00
121.00		30.18	262.23	0.00	0.00
125.00		122.37	1554.59	0.00	0.00
125.50		14.97	190.60	0.00	0.00
127.00	(47) attachments	1339.97	9796.74	0.00	0.00
130.00		89.20	646.22	0.00	0.00
135.00		145.87	1052.27	0.00	0.00
138.00	(22) attachments	1270.94	7426.67	0.00	0.00
140.00		56.18	349.36	0.00	0.00
145.00		137.97	850.50	0.00	0.00
149.08	(25) attachments	976.71	4954.43	0.00	0.00
150.00		24.25	138.42	0.00	0.00
	Totals:	**8,313.94**	**75,296.37**	**0.00**	**0.00**

Linear Appurtenance Segment Forces (Factored)

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
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 21

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	5.00	0.000	0.38	0.85	0.00	0.052	0.000	5.106	0.00	7.09
5.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.95	0.00	0.052	0.000	5.106	0.00	12.60
5.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.52	0.00	0.052	0.000	5.106	0.00	61.20
10.00	Safety Cable	Yes	5.00	0.000	0.38	0.90	0.00	0.053	0.000	5.106	0.00	7.80
10.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.00	0.00	0.053	0.000	5.106	0.00	13.37
10.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.57	0.00	0.053	0.000	5.106	0.00	63.65
15.00	Safety Cable	Yes	5.00	0.000	0.38	0.93	0.00	0.055	0.000	5.106	0.00	8.26
15.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.03	0.00	0.055	0.000	5.106	0.00	13.87
15.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.60	0.00	0.055	0.000	5.106	0.00	65.19
20.00	Safety Cable	Yes	5.00	0.000	0.38	0.95	0.00	0.056	0.000	5.418	0.00	8.61
20.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.06	0.00	0.056	0.000	5.418	0.00	14.24
20.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.63	0.00	0.056	0.000	5.418	0.00	66.33
25.00	Safety Cable	Yes	5.00	0.000	0.38	0.97	0.00	0.057	0.000	5.678	0.00	8.89
25.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.07	0.00	0.057	0.000	5.678	0.00	14.55
25.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.64	0.00	0.057	0.000	5.678	0.00	67.24
30.00	Safety Cable	Yes	5.00	0.000	0.38	0.98	0.00	0.058	0.000	5.901	0.00	9.13
30.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.09	0.00	0.058	0.000	5.901	0.00	14.80
30.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.66	0.00	0.058	0.000	5.901	0.00	68.00
35.00	Safety Cable	Yes	5.00	0.000	0.38	1.00	0.00	0.059	0.000	6.095	0.00	9.34
35.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.10	0.00	0.059	0.000	6.095	0.00	15.03
35.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.67	0.00	0.059	0.000	6.095	0.00	68.67
39.71	Safety Cable	Yes	4.71	0.000	0.38	0.95	0.00	0.061	0.000	6.259	0.00	8.96
39.71	Step bolts (ladder)	Yes	4.71	0.000	0.63	1.05	0.00	0.061	0.000	6.259	0.00	14.33
39.71	1 5/8" Coax	Yes	4.71	0.000	2.00	1.58	0.00	0.061	0.000	6.259	0.00	65.16
40.00	Safety Cable	Yes	0.29	0.000	0.38	0.06	0.00	0.061	0.000	6.269	0.00	0.56
40.00	Step bolts (ladder)	Yes	0.29	0.000	0.63	0.07	0.00	0.061	0.000	6.269	0.00	0.89
40.00	1 5/8" Coax	Yes	0.29	0.000	2.00	0.10	0.00	0.061	0.000	6.269	0.00	4.06
45.00	Safety Cable	Yes	5.00	0.000	0.38	1.02	0.00	0.062	0.000	6.426	0.00	9.70
45.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.12	0.00	0.062	0.000	6.426	0.00	15.41
45.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.69	0.00	0.062	0.000	6.426	0.00	69.77
46.29	Safety Cable	Yes	1.29	0.000	0.38	0.26	0.00	0.063	0.000	6.465	0.00	2.51
46.29	Step bolts (ladder)	Yes	1.29	0.000	0.63	0.29	0.00	0.063	0.000	6.465	0.00	3.99
46.29	1 5/8" Coax	Yes	1.29	0.000	2.00	0.44	0.00	0.063	0.000	6.465	0.00	18.03
50.00	Safety Cable	Yes	3.71	0.000	0.38	0.76	0.00	0.063	0.000	6.571	0.00	7.31
50.00	Step bolts (ladder)	Yes	3.71	0.000	0.63	0.84	0.00	0.063	0.000	6.571	0.00	11.56
50.00	1 5/8" Coax	Yes	3.71	0.000	2.00	1.26	0.00	0.063	0.000	6.571	0.00	52.12
55.00	Safety Cable	Yes	5.00	0.000	0.38	1.04	0.00	0.064	0.000	6.704	0.00	10.00
55.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.14	0.00	0.064	0.000	6.704	0.00	15.73
55.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.71	0.00	0.064	0.000	6.704	0.00	70.68
60.00	Safety Cable	Yes	5.00	0.000	0.38	1.04	0.00	0.066	0.000	6.828	0.00	10.13
60.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.15	0.00	0.066	0.000	6.828	0.00	15.87
60.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.72	0.00	0.066	0.000	6.828	0.00	71.09
65.00	Safety Cable	Yes	5.00	0.000	0.38	1.05	0.00	0.067	0.000	6.944	0.00	10.25
65.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.15	0.00	0.067	0.000	6.944	0.00	16.00
65.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.73	0.00	0.067	0.000	6.944	0.00	71.46
70.00	Safety Cable	Yes	5.00	0.000	0.38	1.06	0.00	0.069	0.000	7.053	0.00	10.37
70.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.16	0.00	0.069	0.000	7.053	0.00	16.12

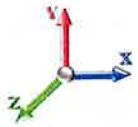
Linear Appurtenance Segment Forces (Factored)

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
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 21

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)
70.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.73	0.00	0.069	0.000	7.053	0.00	71.81
75.00	Safety Cable	Yes	5.00	0.000	0.38	1.06	0.00	0.071	0.000	7.156	0.00	10.48
75.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.17	0.00	0.071	0.000	7.156	0.00	16.24
75.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.74	0.00	0.071	0.000	7.156	0.00	72.14
80.00	Safety Cable	Yes	5.00	0.000	0.38	1.07	0.00	0.073	0.000	7.254	0.00	10.58
80.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.17	0.00	0.073	0.000	7.254	0.00	16.35
80.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.74	0.00	0.073	0.000	7.254	0.00	72.45
81.25	Safety Cable	Yes	1.25	0.000	0.38	0.27	0.00	0.074	0.000	7.278	0.00	2.64
81.25	Step bolts (ladder)	Yes	1.25	0.000	0.63	0.29	0.00	0.074	0.000	7.278	0.00	4.08
81.25	1 5/8" Coax	Yes	1.25	0.000	2.00	0.44	0.00	0.074	0.000	7.278	0.00	18.08
85.00	Safety Cable	Yes	3.75	0.000	0.38	0.81	0.00	0.075	0.000	7.347	0.00	8.02
85.00	Step bolts (ladder)	Yes	3.75	0.000	0.63	0.88	0.00	0.075	0.000	7.347	0.00	12.35
85.00	1 5/8" Coax	Yes	3.75	0.000	2.00	1.31	0.00	0.075	0.000	7.347	0.00	54.60
86.75	Safety Cable	Yes	1.75	0.000	0.38	0.38	0.00	0.076	0.000	7.379	0.00	3.74
86.75	Step bolts (ladder)	Yes	1.75	0.000	0.63	0.41	0.00	0.076	0.000	7.379	0.00	5.76
86.75	1 5/8" Coax	Yes	1.75	0.000	2.00	0.61	0.00	0.076	0.000	7.379	0.00	25.45
90.00	Safety Cable	Yes	3.25	0.000	0.38	0.70	0.00	0.076	0.000	7.436	0.00	7.01
90.00	Step bolts (ladder)	Yes	3.25	0.000	0.63	0.77	0.00	0.076	0.000	7.436	0.00	10.77
90.00	1 5/8" Coax	Yes	3.25	0.000	2.00	1.14	0.00	0.076	0.000	7.436	0.00	47.51
95.00	Safety Cable	Yes	5.00	0.000	0.38	1.08	0.00	0.078	0.000	7.521	0.00	10.86
95.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.19	0.00	0.078	0.000	7.521	0.00	16.65
95.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.76	0.00	0.078	0.000	7.521	0.00	73.29
100.00	Safety Cable	Yes	5.00	0.000	0.38	1.09	0.00	0.080	0.000	7.603	0.00	10.95
100.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.19	0.00	0.080	0.000	7.603	0.00	16.74
100.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.76	0.00	0.080	0.000	7.603	0.00	73.54
105.00	Safety Cable	Yes	5.00	0.000	0.38	1.09	0.00	0.082	0.000	7.681	0.00	11.03
105.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.20	0.00	0.082	0.000	7.681	0.00	16.83
105.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.77	0.00	0.082	0.000	7.681	0.00	73.78
110.00	Safety Cable	Yes	5.00	0.000	0.38	1.10	0.00	0.085	0.000	7.757	0.00	11.11
110.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.20	0.00	0.085	0.000	7.757	0.00	16.92
110.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.77	0.00	0.085	0.000	7.757	0.00	74.02
115.00	Safety Cable	Yes	5.00	0.000	0.38	1.10	0.00	0.088	0.000	7.830	0.00	11.19
115.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.21	0.00	0.088	0.000	7.830	0.00	17.00
115.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.78	0.00	0.088	0.000	7.830	0.00	74.24
120.00	Safety Cable	Yes	5.00	0.000	0.38	1.11	0.00	0.091	0.000	7.900	0.00	11.26
120.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.21	0.00	0.091	0.000	7.900	0.00	17.08
120.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.78	0.00	0.091	0.000	7.900	0.00	74.46
121.00	Safety Cable	Yes	1.00	0.000	0.38	0.22	0.00	0.093	0.000	7.914	0.00	2.25
121.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.24	0.00	0.093	0.000	7.914	0.00	3.41
121.00	1 5/8" Coax	Yes	1.00	0.000	2.00	0.36	0.00	0.093	0.000	7.914	0.00	14.85
125.00	Safety Cable	Yes	4.00	0.000	0.38	0.89	0.00	0.094	0.000	7.969	0.00	9.08
125.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.97	0.00	0.094	0.000	7.969	0.00	13.73
125.00	1 5/8" Coax	Yes	4.00	0.000	2.00	1.43	0.00	0.094	0.000	7.969	0.00	59.78
125.50	Safety Cable	Yes	0.50	0.000	0.38	0.11	0.00	0.096	0.000	7.975	0.00	1.13
125.50	Step bolts (ladder)	Yes	0.50	0.000	0.63	0.12	0.00	0.096	0.000	7.975	0.00	1.70
125.50	1 5/8" Coax	Yes	0.50	0.000	2.00	0.18	0.00	0.096	0.000	7.975	0.00	7.42
127.00	Safety Cable	Yes	1.50	0.000	0.38	0.33	0.00	0.094	0.000	7.995	0.00	3.42

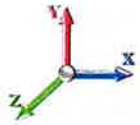
Linear Appurtenance Segment Forces (Factored)

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 27	

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

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 21

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)
127.00	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.37	0.00	0.094	0.000	7.995	0.00	5.17
127.00	1 5/8" Coax	Yes	1.50	0.000	2.00	0.54	0.00	0.094	0.000	7.995	0.00	22.47
130.00	Safety Cable	Yes	3.00	0.000	0.38	0.67	0.00	0.096	0.000	8.035	0.00	6.84
130.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.73	0.00	0.096	0.000	8.035	0.00	10.34
130.00	1 5/8" Coax	Yes	3.00	0.000	2.00	1.07	0.00	0.096	0.000	8.035	0.00	44.92
135.00	Safety Cable	Yes	5.00	0.000	0.38	1.12	0.00	0.099	0.000	8.099	0.00	11.47
135.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.22	0.00	0.099	0.000	8.099	0.00	17.30
135.00	1 5/8" Coax	Yes	5.00	0.000	2.00	1.79	0.00	0.099	0.000	8.099	0.00	75.06
138.00	Safety Cable	Yes	3.00	0.000	0.38	0.67	0.00	0.102	1.006	8.136	0.00	6.91
138.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.73	0.00	0.102	1.006	8.136	0.00	10.40
138.00	1 5/8" Coax	Yes	3.00	0.000	2.00	1.08	0.00	0.102	1.006	8.136	0.00	45.10
140.00	Safety Cable	Yes	2.00	0.000	0.38	0.45	0.00	0.035	0.000	8.161	0.00	4.62
140.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.49	0.00	0.035	0.000	8.161	0.00	6.95
145.00	Safety Cable	Yes	5.00	0.000	0.38	1.12	0.00	0.036	0.000	8.221	0.00	11.60
145.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.23	0.00	0.036	0.000	8.221	0.00	17.43
149.08	Safety Cable	Yes	4.08	0.000	0.38	0.92	0.00	0.037	0.000	8.270	0.00	9.51
149.08	Step bolts (ladder)	Yes	4.08	0.000	0.63	1.00	0.00	0.037	0.000	8.270	0.00	14.27
150.00	Safety Cable	Yes	0.92	0.000	0.38	0.21	0.00	0.038	0.000	8.280	0.00	2.15
150.00	Step bolts (ladder)	Yes	0.92	0.000	0.63	0.23	0.00	0.038	0.000	8.280	0.00	3.22
										Totals:	**0.0**	**2,743.5**

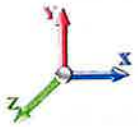
Calculated Forces

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 28	

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

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 21

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	-75.29	-8.34	0.00	-872.92	0.00	872.92	5976.93	1568.18	7252.83	6755.45	0.00	0.000	0.000	0.142
5.00	-72.89	-8.21	0.00	-831.24	0.00	831.24	5909.88	1537.43	6971.17	6547.51	0.02	-0.035	0.000	0.139
10.00	-70.51	-8.09	0.00	-790.18	0.00	790.18	5840.82	1506.68	6695.09	6340.39	0.07	-0.069	0.000	0.137
15.00	-68.15	-7.97	0.00	-749.72	0.00	749.72	5769.75	1475.93	6424.58	6134.23	0.17	-0.104	0.000	0.134
20.00	-65.83	-7.84	0.00	-709.87	0.00	709.87	5696.68	1445.17	6159.66	5929.15	0.29	-0.140	0.000	0.131
25.00	-63.54	-7.70	0.00	-670.68	0.00	670.68	5621.60	1414.42	5900.31	5725.31	0.46	-0.176	0.000	0.128
30.00	-61.28	-7.56	0.00	-632.17	0.00	632.17	5544.52	1383.67	5646.53	5522.82	0.66	-0.212	0.000	0.126
35.00	-59.06	-7.41	0.00	-594.38	0.00	594.38	5465.43	1352.92	5398.34	5321.82	0.90	-0.248	0.000	0.123
39.71	-57.01	-7.25	0.00	-559.52	0.00	559.52	5389.15	1323.97	5169.80	5134.11	1.17	-0.282	0.000	0.120
40.00	-56.80	-7.26	0.00	-557.39	0.00	557.39	5384.33	1322.17	5155.72	5122.46	1.18	-0.284	0.000	0.119
45.00	-53.29	-7.08	0.00	-521.10	0.00	521.10	5301.23	1291.42	4918.69	4924.86	1.50	-0.321	0.000	0.116
46.29	-52.40	-7.04	0.00	-511.97	0.00	511.97	4455.12	1146.23	4428.42	4204.54	1.59	-0.330	0.000	0.134
50.00	-50.95	-6.93	0.00	-485.84	0.00	485.84	4408.67	1126.26	4275.49	4087.55	1.86	-0.358	0.000	0.130
55.00	-49.04	-6.77	0.00	-451.18	0.00	451.18	4344.33	1099.35	4073.64	3930.75	2.25	-0.397	0.000	0.126
60.00	-47.16	-6.61	0.00	-417.33	0.00	417.33	4277.98	1072.45	3876.67	3775.06	2.69	-0.436	0.000	0.122
65.00	-45.31	-6.45	0.00	-384.29	0.00	384.29	4209.63	1045.54	3684.58	3620.61	3.17	-0.475	0.000	0.117
70.00	-43.50	-6.28	0.00	-352.06	0.00	352.06	4139.27	1018.63	3497.37	3467.53	3.68	-0.513	0.000	0.112
75.00	-41.73	-6.12	0.00	-320.66	0.00	320.66	4066.90	991.72	3315.04	3315.97	4.24	-0.551	0.000	0.107
80.00	-40.00	-5.94	0.00	-290.08	0.00	290.08	3992.52	964.82	3137.60	3166.05	4.84	-0.589	0.000	0.102
81.25	-39.57	-5.91	0.00	-282.67	0.00	282.67	3973.67	958.11	3094.11	3128.94	4.99	-0.598	0.000	0.100
85.00	-37.57	-5.77	0.00	-260.50	0.00	260.50	3916.15	937.91	2965.03	3017.91	5.48	-0.626	0.000	0.096
86.75	-36.65	-5.71	0.00	-250.43	0.00	250.43	3204.80	813.08	2599.71	2502.22	5.71	-0.639	0.000	0.112
90.00	-35.65	-5.61	0.00	-231.85	0.00	231.85	3168.24	798.08	2504.63	2427.58	6.15	-0.662	0.000	0.107
95.00	-34.15	-5.44	0.00	-203.83	0.00	203.83	3110.39	775.01	2361.96	2313.70	6.87	-0.700	0.000	0.099
100.00	-32.69	-5.27	0.00	-176.63	0.00	176.63	3050.53	751.95	2223.47	2200.96	7.62	-0.736	0.000	0.091
105.00	-31.25	-5.11	0.00	-150.26	0.00	150.26	2988.67	728.89	2089.17	2089.50	8.41	-0.770	0.000	0.082
110.00	-29.85	-4.95	0.00	-124.71	0.00	124.71	2924.80	705.82	1959.05	1979.44	9.23	-0.801	0.000	0.073
115.00	-28.49	-4.78	0.00	-99.99	0.00	99.99	2858.93	682.76	1833.11	1870.93	10.09	-0.829	0.000	0.063
120.00	-27.16	-4.61	0.00	-76.08	0.00	76.08	2770.72	659.70	1711.36	1751.26	10.97	-0.853	0.000	0.053
121.00	-26.89	-4.59	0.00	-71.48	0.00	71.48	2751.41	655.10	1687.59	1726.79	11.15	-0.858	0.000	0.051
125.00	-25.34	-4.44	0.00	-53.13	0.00	53.13	2673.85	636.63	1593.79	1630.24	11.87	-0.873	0.000	0.042
125.50	-25.15	-4.43	0.00	-50.92	0.00	50.92	2166.49	540.76	1379.88	1349.42	11.96	-0.875	0.000	0.049
127.00	-15.37	-2.94	0.00	-44.27	0.00	44.27	2151.74	534.98	1350.55	1325.76	12.24	-0.880	0.000	0.041
130.00	-14.73	-2.84	0.00	-35.45	0.00	35.45	2121.75	523.45	1292.95	1278.81	12.80	-0.889	0.000	0.035
135.00	-13.68	-2.68	0.00	-21.24	0.00	21.24	2070.16	504.23	1199.75	1201.43	13.73	-0.902	0.000	0.024
138.00	-6.27	-1.29	0.00	-13.19	0.00	13.19	2038.24	492.70	1145.50	1155.56	14.30	-0.906	0.000	0.015
140.00	-5.92	-1.23	0.00	-10.60	0.00	10.60	2016.57	485.01	1110.03	1125.24	14.68	-0.909	0.000	0.012
145.00	-5.08	-1.08	0.00	-4.44	0.00	4.44	1956.31	465.79	1023.80	1047.87	15.64	-0.913	0.000	0.007
149.08	-0.14	-0.03	0.00	-0.02	0.00	0.02	1890.44	450.11	956.02	978.10	16.42	-0.914	0.000	0.000
150.00	0.00	-0.02	0.00	0.00	0.00	0.00	1875.59	446.57	941.05	962.69	16.59	-0.914	0.000	0.000

Seismic Segment Forces (Factored)

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 29	

SBA

Load Case: 1.2D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20			**Iterations**	20
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.09			**Ss**	0.18
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.41	**SA**	0.04			**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		1747.0	2.50	68.58	0.03	
10.00		1717.2	7.50	67.41	0.21	
15.00		1687.3	12.50	66.24	0.56	
20.00		1657.5	17.50	65.07	1.05	
25.00		1627.7	22.50	63.90	1.67	
30.00		1597.9	27.50	62.72	2.40	
35.00		1568.1	32.50	61.55	3.21	
39.71	Bot - Section 2	1448.9	37.35	56.87	3.62	
40.00		156.59	39.85	6.15	0.05	
45.00		2639.5	42.50	103.61	15.27	
46.29	Top - Section 1	671.92	45.64	26.38	1.18	
50.00		996.63	48.14	39.12	2.85	
55.00		1320.4	52.50	51.83	5.90	
60.00		1294.3	57.50	50.81	6.79	
65.00		1268.2	62.50	49.78	7.69	
70.00		1242.2	67.50	48.76	8.59	
75.00		1216.1	72.50	47.74	9.49	
80.00		1190.0	77.50	46.71	10.37	
81.25	Bot - Section 3	292.65	80.62	11.49	0.70	
85.00		1475.1	83.12	57.91	18.20	
86.75	Top - Section 2	677.18	85.87	26.58	4.17	
90.00		665.38	88.37	26.12	4.26	
95.00		1004.1	92.50	39.42	10.52	
100.00		981.80	97.50	38.54	11.16	
105.00		959.44	102.50	37.66	11.77	
110.00		937.08	107.50	36.78	12.34	
115.00		914.72	112.50	35.91	12.88	
120.00		892.36	117.50	35.03	13.36	
121.00	Bot - Section 4	175.20	120.50	6.88	0.56	
125.00		1121.9	123.00	44.04	22.99	
125.50	Top - Section 3	137.37	125.25	5.39	0.38	
127.00	Appurtenance(s)	3459.6	126.25	135.80	224.05	
130.00		403.71	128.50	15.85	3.33	
135.00		657.94	132.50	25.83	9.28	
138.00	Appurtenance(s)	4286.9	136.50	168.28	399.33	
140.00		216.48	139.00	8.50	1.13	
145.00		528.15	142.50	20.73	6.94	
149.08	Appurtenance(s)	2155.9	147.04	84.63	118.94	
150.00		81.42	149.54	3.20	0.19	
	Totals:	**47,072.7**		**1,847.8**	**967.4**	**Total Wind:** 36,277.4

Calculated Forces

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 30	

Load Case: 1.2D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20			**Ss**	0.18
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.09			**S1**	0.06
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.41	**SA**	0.04	**Seismic Importance Factor**			1.00

Iterations	20

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	-57.01	-0.97	0.00	-126.48	0.00	126.48	5976.93	1568.18	7252.83	6755.45		0.00	0.00	0.028
5.00	-54.89	-0.97	0.00	-121.63	0.00	121.63	5909.88	1537.43	6971.17	6547.51		0.00	-0.01	0.028
10.00	-52.81	-0.98	0.00	-116.76	0.00	116.76	5840.82	1506.68	6695.09	6340.39		0.01	-0.01	0.027
15.00	-50.77	-0.98	0.00	-111.87	0.00	111.87	5769.75	1475.93	6424.58	6134.23		0.02	-0.02	0.027
20.00	-48.76	-0.98	0.00	-106.96	0.00	106.96	5696.68	1445.17	6159.66	5929.15		0.04	-0.02	0.027
25.00	-46.79	-0.99	0.00	-102.03	0.00	102.03	5621.60	1414.42	5900.31	5725.31		0.07	-0.03	0.026
30.00	-44.86	-0.99	0.00	-97.10	0.00	97.10	5544.52	1383.67	5646.53	5522.82		0.10	-0.03	0.026
35.00	-42.97	-0.99	0.00	-92.16	0.00	92.16	5465.43	1352.92	5398.34	5321.82		0.13	-0.04	0.025
39.71	-41.22	-0.98	0.00	-87.51	0.00	87.51	5389.15	1323.97	5169.80	5134.11		0.17	-0.04	0.025
40.00	-41.02	-0.99	0.00	-87.22	0.00	87.22	5384.33	1322.17	5155.72	5122.46		0.18	-0.04	0.025
45.00	-37.80	-0.97	0.00	-82.29	0.00	82.29	5301.23	1291.42	4918.69	4924.86		0.22	-0.05	0.024
46.29	-36.98	-0.97	0.00	-81.03	0.00	81.03	4455.12	1146.23	4428.42	4204.54		0.24	-0.05	0.028
50.00	-35.78	-0.97	0.00	-77.43	0.00	77.43	4408.67	1126.26	4275.49	4087.55		0.28	-0.05	0.027
55.00	-34.19	-0.97	0.00	-72.58	0.00	72.58	4344.33	1099.35	4073.64	3930.75		0.34	-0.06	0.026
60.00	-32.64	-0.96	0.00	-67.74	0.00	67.74	4277.98	1072.45	3876.67	3775.06		0.41	-0.07	0.026
65.00	-31.11	-0.96	0.00	-62.93	0.00	62.93	4209.63	1045.54	3684.58	3620.61		0.48	-0.07	0.025
70.00	-29.62	-0.95	0.00	-58.15	0.00	58.15	4139.27	1018.63	3497.37	3467.53		0.56	-0.08	0.024
75.00	-28.16	-0.94	0.00	-53.41	0.00	53.41	4066.90	991.72	3315.04	3315.97		0.65	-0.09	0.023
80.00	-26.74	-0.93	0.00	-48.71	0.00	48.71	3992.52	964.82	3137.60	3166.05		0.74	-0.09	0.022
81.25	-26.39	-0.93	0.00	-47.55	0.00	47.55	3973.67	958.11	3094.11	3128.94		0.76	-0.09	0.022
85.00	-24.60	-0.91	0.00	-44.06	0.00	44.06	3916.15	937.91	2965.03	3017.91		0.84	-0.10	0.021
86.75	-23.77	-0.91	0.00	-42.47	0.00	42.47	3204.80	813.08	2599.71	2502.22		0.88	-0.10	0.024
90.00	-22.98	-0.90	0.00	-39.52	0.00	39.52	3168.24	798.08	2504.63	2427.58		0.95	-0.10	0.024
95.00	-21.78	-0.89	0.00	-35.01	0.00	35.01	3110.39	775.01	2361.96	2313.70		1.06	-0.11	0.022
100.00	-20.62	-0.88	0.00	-30.55	0.00	30.55	3050.53	751.95	2223.47	2200.96		1.18	-0.12	0.021
105.00	-19.47	-0.87	0.00	-26.15	0.00	26.15	2988.67	728.89	2089.17	2089.50		1.30	-0.12	0.019
110.00	-18.36	-0.86	0.00	-21.81	0.00	21.81	2924.80	705.82	1959.05	1979.44		1.44	-0.13	0.017
115.00	-17.28	-0.84	0.00	-17.54	0.00	17.54	2858.93	682.76	1833.11	1870.93		1.57	-0.13	0.015
120.00	-16.22	-0.83	0.00	-13.33	0.00	13.33	2770.72	659.70	1711.36	1751.26		1.72	-0.14	0.013
121.00	-16.01	-0.83	0.00	-12.51	0.00	12.51	2751.41	655.10	1687.59	1726.79		1.75	-0.14	0.013
125.00	-14.66	-0.80	0.00	-9.20	0.00	9.20	2673.85	636.63	1593.79	1630.24		1.86	-0.14	0.011
125.50	-14.49	-0.80	0.00	-8.81	0.00	8.81	2166.49	540.76	1379.88	1349.42		1.88	-0.14	0.013
127.00	-10.22	-0.56	0.00	-7.60	0.00	7.60	2151.74	534.98	1350.55	1325.76		1.92	-0.14	0.010
130.00	-9.74	-0.56	0.00	-5.91	0.00	5.91	2121.75	523.45	1292.95	1278.81		2.01	-0.14	0.009
135.00	-8.96	-0.55	0.00	-3.11	0.00	3.11	2070.16	504.23	1199.75	1201.43		2.16	-0.15	0.007
138.00	-3.67	-0.14	0.00	-1.46	0.00	1.46	2038.24	492.70	1145.50	1155.56		2.26	-0.15	0.003
140.00	-3.40	-0.13	0.00	-1.19	0.00	1.19	2016.57	485.01	1110.03	1125.24		2.32	-0.15	0.003
145.00	-2.76	-0.13	0.00	-0.52	0.00	0.52	1956.31	465.79	1023.80	1047.87		2.47	-0.15	0.002
149.08	-0.10	0.00	0.00	0.00	0.00	0.00	1890.44	450.11	956.02	978.10		2.60	-0.15	0.000
150.00	0.00	0.00	0.00	0.00	0.00	0.00	1875.59	446.57	941.05	962.69		2.63	-0.15	0.000

Seismic Segment Forces (Factored)

Structure:	CT46129-A		**Code:**	TIA-222-H	8/8/2023
Site Name:	Tolland-reed Rd		**Exposure:**	C	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Default	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 31

SBA

Load Case: 0.9D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20	**Iterations**	20
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.09	**Ss**	0.18
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.41	**SA**	0.04	**S1**	0.06
						Seismic Importance Factor	1.00

R: 1.50

Top Elev (ft)	Description	Wz (lb)	Hz (lb)	Vertical Ev (lb)	Lateral Fs (lb)
0.00		0.00	0.00	0.00	0.00
5.00		1686.6	2.50	66.20	0.02
10.00		1656.7	7.50	65.03	0.20
15.00		1626.9	12.50	63.86	0.54
20.00		1597.1	17.50	62.69	1.01
25.00		1567.3	22.50	61.52	1.60
30.00		1537.5	27.50	60.35	2.29
35.00		1507.7	32.50	59.18	3.06
39.71	Bot - Section 2	1392.0	37.35	54.64	3.45
40.00		153.04	39.85	6.01	0.05
45.00		2579.0	42.50	101.24	15.04
46.29	Top - Section 1	656.33	45.64	25.76	1.16
50.00		951.81	48.14	37.36	2.68
55.00		1260.0	52.50	49.46	5.55
60.00		1233.9	57.50	48.44	6.37
65.00		1207.8	62.50	47.41	7.20
70.00		1181.7	67.50	46.39	8.03
75.00		1155.7	72.50	45.37	8.85
80.00		1129.6	77.50	44.34	9.65
81.25	Bot - Section 3	277.59	80.62	10.90	0.65
85.00		1429.8	83.12	56.12	17.65
86.75	Top - Section 2	656.08	85.87	25.75	4.04
90.00		626.07	88.37	24.58	3.90
95.00		943.75	92.50	37.05	9.59
100.00		921.39	97.50	36.17	10.15
105.00		899.03	102.50	35.29	10.68
110.00		876.67	107.50	34.41	11.16
115.00		854.31	112.50	33.53	11.60
120.00		831.95	117.50	32.66	12.00
121.00	Bot - Section 4	163.16	120.50	6.40	0.50
125.00		1073.6	123.00	42.14	21.74
125.50	Top - Section 3	131.37	125.25	5.16	0.35
127.00	Appurtenance(s)	3441.4	126.25	135.09	228.68
130.00		379.74	128.50	14.91	3.04
135.00		617.99	132.50	24.26	8.45
138.00	Appurtenance(s)	4262.9	136.50	167.34	407.31
140.00		209.75	139.00	8.23	1.10
145.00		511.33	142.50	20.07	6.71
149.08	Appurtenance(s)	2142.2	147.04	84.09	121.13
150.00		81.06	149.54	3.18	0.19
	Totals:	**45,412.8**		**1,782.6**	**967.4**

Total Wind: **36,277.4**

Calculated Forces

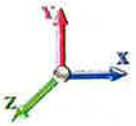
Structure: CT46129-A
Site Name: Tolland-reed Rd
Height: 150.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H
Exposure: C
Crest Height: 0.00
Site Class: D - Default
Struct Class: II

8/8/2023

SBA

Load Case: 0.9D + 1.0Ev + 1.0Eh
Gust Response Factor 1.10
Dead Load Factor 0.90
Wind Load Factor 0.00
Seismic Load Factor 1.00
Structure Frequency (f1) 0.41
Sds 0.20
Sd1 0.09
SA 0.04



Iterations 20
Ss 0.18
S1 0.06
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	-43.15	-0.97	0.00	-125.92	0.00	125.92	5976.93	1568.18	7252.83	6755.45		0.00	0.00	0.026
5.00	-41.55	-0.97	0.00	-121.08	0.00	121.08	5909.88	1537.43	6971.17	6547.51		0.00	-0.01	0.026
10.00	-39.98	-0.98	0.00	-116.22	0.00	116.22	5840.82	1506.68	6695.09	6340.39		0.01	-0.01	0.025
15.00	-38.43	-0.98	0.00	-111.34	0.00	111.34	5769.75	1475.93	6424.58	6134.23		0.02	-0.02	0.025
20.00	-36.91	-0.98	0.00	-106.45	0.00	106.45	5696.68	1445.17	6159.66	5929.15		0.04	-0.02	0.024
25.00	-35.42	-0.98	0.00	-101.55	0.00	101.55	5621.60	1414.42	5900.31	5725.31		0.07	-0.03	0.024
30.00	-33.96	-0.98	0.00	-96.64	0.00	96.64	5544.52	1383.67	5646.53	5522.82		0.10	-0.03	0.024
35.00	-32.52	-0.98	0.00	-91.73	0.00	91.73	5465.43	1352.92	5398.34	5321.82		0.13	-0.04	0.023
39.71	-31.20	-0.98	0.00	-87.12	0.00	87.12	5389.15	1323.97	5169.80	5134.11		0.17	-0.04	0.023
40.00	-31.05	-0.98	0.00	-86.83	0.00	86.83	5384.33	1322.17	5155.72	5122.46		0.18	-0.04	0.023
45.00	-28.61	-0.96	0.00	-81.93	0.00	81.93	5301.23	1291.42	4918.69	4924.86		0.22	-0.05	0.022
46.29	-27.99	-0.96	0.00	-80.69	0.00	80.69	4455.12	1146.23	4428.42	4204.54		0.24	-0.05	0.025
50.00	-27.08	-0.96	0.00	-77.11	0.00	77.11	4408.67	1126.26	4275.49	4087.55		0.28	-0.05	0.025
55.00	-25.88	-0.96	0.00	-72.30	0.00	72.30	4344.33	1099.35	4073.64	3930.75		0.34	-0.06	0.024
60.00	-24.71	-0.95	0.00	-67.50	0.00	67.50	4277.98	1072.45	3876.67	3775.06		0.40	-0.07	0.024
65.00	-23.55	-0.95	0.00	-62.73	0.00	62.73	4209.63	1045.54	3684.58	3620.61		0.48	-0.07	0.023
70.00	-22.42	-0.94	0.00	-57.99	0.00	57.99	4139.27	1018.63	3497.37	3467.53		0.56	-0.08	0.022
75.00	-21.32	-0.93	0.00	-53.29	0.00	53.29	4066.90	991.72	3315.04	3315.97		0.64	-0.09	0.021
80.00	-20.24	-0.92	0.00	-48.62	0.00	48.62	3992.52	964.82	3137.60	3166.05		0.74	-0.09	0.020
81.25	-19.98	-0.92	0.00	-47.47	0.00	47.47	3973.67	958.11	3094.11	3128.94		0.76	-0.09	0.020
85.00	-18.62	-0.90	0.00	-44.01	0.00	44.01	3916.15	937.91	2965.03	3017.91		0.84	-0.10	0.019
86.75	-18.00	-0.90	0.00	-42.43	0.00	42.43	3204.80	813.08	2599.71	2502.22		0.87	-0.10	0.023
90.00	-17.40	-0.90	0.00	-39.50	0.00	39.50	3168.24	798.08	2504.63	2427.58		0.94	-0.10	0.022
95.00	-16.49	-0.89	0.00	-35.02	0.00	35.02	3110.39	775.01	2361.96	2313.70		1.05	-0.11	0.020
100.00	-15.61	-0.88	0.00	-30.58	0.00	30.58	3050.53	751.95	2223.47	2200.96		1.17	-0.12	0.019
105.00	-14.75	-0.87	0.00	-26.20	0.00	26.20	2988.67	728.89	2089.17	2089.50		1.30	-0.12	0.017
110.00	-13.91	-0.85	0.00	-21.87	0.00	21.87	2924.80	705.82	1959.05	1979.44		1.43	-0.13	0.016
115.00	-13.08	-0.84	0.00	-17.60	0.00	17.60	2858.93	682.76	1833.11	1870.93		1.57	-0.13	0.014
120.00	-12.29	-0.83	0.00	-13.39	0.00	13.39	2770.72	659.70	1711.36	1751.26		1.71	-0.14	0.012
121.00	-12.13	-0.83	0.00	-12.56	0.00	12.56	2751.41	655.10	1687.59	1726.79		1.74	-0.14	0.012
125.00	-11.11	-0.80	0.00	-9.25	0.00	9.25	2673.85	636.63	1593.79	1630.24		1.86	-0.14	0.010
125.50	-10.98	-0.80	0.00	-8.85	0.00	8.85	2166.49	540.76	1379.88	1349.42		1.87	-0.14	0.012
127.00	-7.74	-0.57	0.00	-7.64	0.00	7.64	2151.74	534.98	1350.55	1325.76		1.92	-0.14	0.009
130.00	-7.38	-0.56	0.00	-5.94	0.00	5.94	2121.75	523.45	1292.95	1278.81		2.01	-0.14	0.008
135.00	-6.79	-0.55	0.00	-3.12	0.00	3.12	2070.16	504.23	1199.75	1201.43		2.16	-0.15	0.006
138.00	-2.78	-0.14	0.00	-1.46	0.00	1.46	2038.24	492.70	1145.50	1155.56		2.25	-0.15	0.003
140.00	-2.58	-0.13	0.00	-1.19	0.00	1.19	2016.57	485.01	1110.03	1125.24		2.31	-0.15	0.002
145.00	-2.09	-0.13	0.00	-0.52	0.00	0.52	1956.31	465.79	1023.80	1047.87		2.46	-0.15	0.002
149.08	-0.08	0.00	0.00	0.00	0.00	0.00	1890.44	450.11	956.02	978.10		2.59	-0.15	0.000
150.00	0.00	0.00	0.00	0.00	0.00	0.00	1875.59	446.57	941.05	962.69		2.62	-0.15	0.000

Wind Loading - Shaft

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
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 21

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	6.579	7.24	265.65	0.950	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	6.579	7.24	260.49	0.950	0.000	5.00	23.922	22.73	164.5	0.0	1505.4
10.00		1.00	0.85	6.579	7.24	255.32	0.950	0.000	5.00	23.452	22.28	161.2	0.0	1475.6
15.00		1.00	0.85	6.579	7.24	250.16	0.950	0.000	5.00	22.983	21.83	158.0	0.0	1445.7
20.00		1.00	0.90	6.980	7.68	252.37	0.950	0.000	5.00	22.513	21.39	164.2	0.0	1415.9
25.00		1.00	0.95	7.316	8.05	252.92	0.950	0.000	5.00	22.044	20.94	168.5	0.0	1386.1
30.00		1.00	0.98	7.602	8.36	252.27	0.950	0.000	5.00	21.574	20.50	171.4	0.0	1356.3
35.00		1.00	1.01	7.853	8.64	250.76	0.950	0.000	5.00	21.105	20.05	173.2	0.0	1326.5
39.71	Bot - Section 2	1.00	1.04	8.065	8.87	248.73	0.950	0.000	4.71	19.438	18.47	163.8	0.0	1221.4
40.00		1.00	1.04	8.077	8.88	248.58	0.950	0.000	0.29	1.220	1.16	10.3	0.0	142.4
45.00		1.00	1.07	8.280	9.11	245.89	0.950	0.000	5.00	20.543	19.52	177.8	0.0	2397.9
46.29	Top - Section 1	1.00	1.08	8.329	9.16	245.13	0.950	0.000	1.29	5.224	4.96	45.5	0.0	609.6
50.00		1.00	1.09	8.466	9.31	247.49	0.950	0.000	3.71	14.850	14.11	131.4	0.0	817.3
55.00		1.00	1.12	8.637	9.50	244.07	0.950	0.000	5.00	19.604	18.62	176.9	0.0	1078.8
60.00		1.00	1.14	8.797	9.68	240.34	0.950	0.000	5.00	19.135	18.18	175.9	0.0	1052.7
65.00		1.00	1.16	8.946	9.84	236.36	0.950	0.000	5.00	18.666	17.73	174.5	0.0	1026.6
70.00		1.00	1.17	9.087	10.00	232.14	0.950	0.000	5.00	18.196	17.29	172.8	0.0	1000.6
75.00		1.00	1.19	9.220	10.14	227.72	0.950	0.000	5.00	17.727	16.84	170.8	0.0	974.5
80.00		1.00	1.21	9.346	10.28	223.12	0.950	0.000	5.00	17.257	16.39	168.5	0.0	948.4
81.25	Bot - Section 3	1.00	1.21	9.377	10.31	221.95	0.950	0.000	1.25	4.230	4.02	41.4	0.0	232.4
85.00		1.00	1.22	9.466	10.41	218.35	0.950	0.000	3.75	12.801	12.16	126.6	0.0	1293.8
86.75	Top - Section 2	1.00	1.23	9.507	10.46	216.65	0.950	0.000	1.75	5.867	5.57	58.3	0.0	592.8
90.00		1.00	1.24	9.581	10.54	217.74	0.950	0.000	3.25	10.775	10.24	107.9	0.0	508.2
95.00		1.00	1.25	9.690	10.66	212.71	0.950	0.000	5.00	16.172	15.36	163.8	0.0	762.5
100.00		1.00	1.27	9.796	10.78	207.56	0.950	0.000	5.00	15.703	14.92	160.7	0.0	740.2
105.00		1.00	1.28	9.897	10.89	202.30	0.950	0.000	5.00	15.233	14.47	157.5	0.0	717.8
110.00		1.00	1.29	9.994	10.99	196.93	0.950	0.000	5.00	14.764	14.03	154.2	0.0	695.4
115.00		1.00	1.30	10.088	11.10	191.46	0.950	0.000	5.00	14.294	13.58	150.7	0.0	673.1
120.00		1.00	1.32	10.179	11.20	185.90	0.950	0.000	5.00	13.825	13.13	147.1	0.0	650.7
121.00	Bot - Section 4	1.00	1.32	10.197	11.22	184.78	0.950	0.000	1.00	2.700	2.56	28.8	0.0	127.0
125.00		1.00	1.33	10.267	11.29	180.25	0.950	0.000	4.00	10.872	10.33	116.6	0.0	928.5
125.50	Top - Section 3	1.00	1.33	10.275	11.30	179.68	0.950	0.000	0.50	1.328	1.26	14.3	0.0	113.4
127.00	Appurtenance(s)	1.00	1.33	10.301	11.33	181.68	0.950	0.000	1.50	3.991	3.79	43.0	0.0	156.8
130.00		1.00	1.34	10.352	11.39	178.24	0.950	0.000	3.00	7.837	7.45	84.8	0.0	307.8
135.00		1.00	1.35	10.435	11.48	172.45	0.950	0.000	5.00	12.686	12.05	138.3	0.0	498.1
138.00	Appurtenance(s)	1.00	1.35	10.483	11.53	168.94	0.955 *	0.000	3.00	7.386	7.06	81.4	0.0	289.9
140.00		1.00	1.36	10.515	11.57	166.58	0.950	0.000	2.00	4.830	4.59	53.1	0.0	189.6
145.00		1.00	1.37	10.593	11.65	160.65	0.950	0.000	5.00	11.747	11.16	130.0	0.0	460.9
149.08	Appurtenance(s)	1.00	1.38	10.655	11.72	155.75	0.950	0.000	4.08	9.238	8.78	102.9	0.0	362.3
150.00		1.00	1.38	10.669	11.74	154.65	0.950	0.000	0.92	2.040	1.94	22.7	0.0	80.0
								Totals:	**150.00**			**4,813.3**		**31,562.9**

* Cf Adjusted by Linear Load Ra Effect

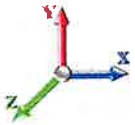
Discrete Appurtenance Forces

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
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 21

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	149.08	Low Profile Platform	1	10.655	11.720	1.00	1.00	18.04	1200.00	0.000	0.000	211.43	0.00	0.00
2	149.08	AP11-880/090/XP	3	10.655	11.720	0.65	0.90	9.39	52.80	0.000	0.000	110.05	0.00	0.00
3	149.08	DB844H90E-XY	9	10.655	11.720	1.01	0.90	27.67	126.00	0.000	0.000	324.29	0.00	0.00
4	149.08	Mount Pipes	12	10.655	11.720	0.90	0.90	14.80	360.00	0.000	0.000	173.41	0.00	0.00
5	138.00	KRY 112 144/1	3	10.483	11.531	0.52	0.75	0.65	33.00	0.000	0.000	7.45	0.00	0.00
6	138.00	APXVAARR24_43-U-NA2	3	10.483	11.531	0.54	0.75	32.79	384.00	0.000	0.000	378.10	0.00	0.00
7	138.00	RMQP-4096-HK Plat. +	1	10.483	11.531	1.00	1.00	51.70	2645.00	0.000	0.000	596.16	0.00	0.00
8	138.00	KRY 112 489/2	3	10.483	11.531	0.61	0.75	1.20	46.20	0.000	0.000	13.83	0.00	0.00
9	138.00	4449 B71 + B85	3	10.483	11.531	0.50	0.75	2.97	225.00	0.000	0.000	34.25	0.00	0.00
10	138.00	Kathrein 782 11056	3	10.483	11.531	0.50	0.75	0.75	6.00	0.000	0.000	8.69	0.00	0.00
11	138.00	AIR6419 B41	3	10.483	11.531	0.57	0.75	6.84	249.90	0.000	0.000	78.87	0.00	0.00
12	138.00	4460 B25 + B66	3	10.483	11.531	0.50	0.75	4.30	312.00	0.000	0.000	49.54	0.00	0.00
13	127.00	Samsung RF440D-13A	3	10.301	11.331	0.50	0.75	2.82	210.90	0.000	0.000	31.94	0.00	0.00
14	127.00	RFS DB-T1-6Z-8AB-0Z	1	10.301	11.331	0.75	0.75	3.60	44.00	0.000	0.000	40.79	0.00	0.00
15	127.00	Commscope	3	10.301	11.331	0.62	0.75	10.98	100.50	0.000	0.000	124.43	0.00	0.00
16	127.00	Kaelus KA-6030	2	10.301	11.331	0.61	0.75	1.18	35.20	0.000	0.000	13.38	0.00	0.00
17	127.00	Platform w/ Handrail	1	10.301	11.331	1.00	1.00	24.20	1569.19	0.000	0.000	274.22	0.00	0.00
18	127.00	Mount pipes	15	10.301	11.331	0.75	0.75	11.59	450.00	0.000	0.000	131.30	0.00	0.00
19	127.00	Commscope	3	10.301	11.331	0.62	0.75	15.03	152.13	0.000	0.000	170.35	0.00	0.00
20	127.00	RFS FD9R6004/2C-3L	6	10.301	11.331	0.46	0.75	0.86	18.00	0.000	0.000	9.80	0.00	0.00
21	127.00	Samsung MT6407-77A	3	10.301	11.331	0.52	0.75	7.42	261.30	0.000	0.000	84.06	0.00	0.00
22	127.00	Antel LPA-80080/6CFx2	4	10.301	11.331	0.56	0.75	19.42	84.00	0.000	0.000	220.03	0.00	0.00
23	127.00	ANTEL LPA-80063/6CF-2	2	10.301	11.331	0.71	0.75	13.64	54.00	0.000	0.000	154.53	0.00	0.00
24	127.00	Samsung RF4439d-25A	3	10.301	11.331	0.50	0.75	2.82	224.10	0.000	0.000	31.94	0.00	0.00
25	127.00	Raycap	1	10.301	11.331	0.75	0.75	2.52	26.90	0.000	0.000	28.55	0.00	0.00
							Totals:		**8,870.12**			**3,301.40**		

Total Applied Force Summary

Structure:	CT46129-A		**Code:**	TIA-222-H	8/8/2023
Site Name:	Tolland-reed Rd		**Exposure:**	C	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Default	
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 21

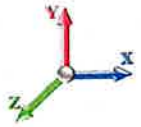
Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		164.46	1706.74	0.00	0.00
10.00		161.23	1676.92	0.00	0.00
15.00		158.00	1647.11	0.00	0.00
20.00		164.22	1617.30	0.00	0.00
25.00		168.53	1587.49	0.00	0.00
30.00		171.40	1557.67	0.00	0.00
35.00		173.20	1527.86	0.00	0.00
39.71		163.81	1410.99	0.00	0.00
40.00		10.30	154.22	0.00	0.00
45.00		177.75	2599.22	0.00	0.00
46.29		45.47	661.53	0.00	0.00
50.00		131.37	966.75	0.00	0.00
55.00		176.95	1280.18	0.00	0.00
60.00		175.90	1254.09	0.00	0.00
65.00		174.50	1228.01	0.00	0.00
70.00		172.79	1201.92	0.00	0.00
75.00		170.79	1175.84	0.00	0.00
80.00		168.55	1149.75	0.00	0.00
81.25		41.44	282.61	0.00	0.00
85.00		126.63	1444.93	0.00	0.00
86.75		58.29	663.11	0.00	0.00
90.00		107.88	639.17	0.00	0.00
95.00		163.77	963.88	0.00	0.00
100.00		160.74	941.52	0.00	0.00
105.00		157.55	919.16	0.00	0.00
110.00		154.19	896.81	0.00	0.00
115.00		150.69	874.45	0.00	0.00
120.00		147.06	852.09	0.00	0.00
121.00		28.77	167.18	0.00	0.00
125.00		116.64	1089.75	0.00	0.00
125.50		14.26	133.37	0.00	0.00
127.00	(47) attachments	1358.28	3447.54	0.00	0.00
130.00		84.78	387.73	0.00	0.00
135.00		138.33	631.31	0.00	0.00
138.00	(22) attachments	1248.26	4270.94	0.00	0.00
140.00		53.08	211.99	0.00	0.00
145.00		130.03	516.94	0.00	0.00
149.08	(25) attachments	922.04	2146.82	0.00	0.00
150.00		22.74	81.18	0.00	0.00
	Totals:	**8,114.69**	**45,966.08**	**0.00**	**0.00**

Linear Appurtenance Segment Forces (Factored)

Structure: CT46129-A
Site Name: Tolland-reed Rd
Height: 150.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 8/8/2023
Exposure: C
Crest Height: 0.00
Site Class: D - Default
Struct Class: II

Load Case: 1.0D + 1.0W 60 mph Wind
Dead Load Factor 1.00
Wind Load Factor 1.00



Iterations 21

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	5.00	0.000	0.38	0.16	0.00	0.052	0.000	6.579	0.00	1.37
5.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.052	0.000	6.579	0.00	5.20
5.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.052	0.000	6.579	0.00	20.80
10.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.053	0.000	6.579	0.00	1.37
10.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.053	0.000	6.579	0.00	5.20
10.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.053	0.000	6.579	0.00	20.80
15.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.055	0.000	6.579	0.00	1.37
15.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.055	0.000	6.579	0.00	5.20
15.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.055	0.000	6.579	0.00	20.80
20.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.056	0.000	6.980	0.00	1.37
20.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.056	0.000	6.980	0.00	5.20
20.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.056	0.000	6.980	0.00	20.80
25.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.057	0.000	7.316	0.00	1.37
25.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.057	0.000	7.316	0.00	5.20
25.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.057	0.000	7.316	0.00	20.80
30.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.058	0.000	7.602	0.00	1.37
30.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.058	0.000	7.602	0.00	5.20
30.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.058	0.000	7.602	0.00	20.80
35.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.059	0.000	7.853	0.00	1.37
35.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.059	0.000	7.853	0.00	5.20
35.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.059	0.000	7.853	0.00	20.80
39.71	Safety Cable	Yes	4.71	0.000	0.38	0.15	0.00	0.061	0.000	8.065	0.00	1.28
39.71	Step bolts (ladder)	Yes	4.71	0.000	0.63	0.25	0.00	0.061	0.000	8.065	0.00	4.89
39.71	1 5/8" Coax	Yes	4.71	0.000	2.00	0.78	0.00	0.061	0.000	8.065	0.00	19.58
40.00	Safety Cable	Yes	0.29	0.000	0.38	0.01	0.00	0.061	0.000	8.077	0.00	0.08
40.00	Step bolts (ladder)	Yes	0.29	0.000	0.63	0.02	0.00	0.061	0.000	8.077	0.00	0.31
40.00	1 5/8" Coax	Yes	0.29	0.000	2.00	0.05	0.00	0.061	0.000	8.077	0.00	1.22
45.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.062	0.000	8.280	0.00	1.37
45.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.062	0.000	8.280	0.00	5.20
45.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.062	0.000	8.280	0.00	20.80
46.29	Safety Cable	Yes	1.29	0.000	0.38	0.04	0.00	0.063	0.000	8.329	0.00	0.35
46.29	Step bolts (ladder)	Yes	1.29	0.000	0.63	0.07	0.00	0.063	0.000	8.329	0.00	1.34
46.29	1 5/8" Coax	Yes	1.29	0.000	2.00	0.21	0.00	0.063	0.000	8.329	0.00	5.37
50.00	Safety Cable	Yes	3.71	0.000	0.38	0.12	0.00	0.063	0.000	8.466	0.00	1.01
50.00	Step bolts (ladder)	Yes	3.71	0.000	0.63	0.19	0.00	0.063	0.000	8.466	0.00	3.86
50.00	1 5/8" Coax	Yes	3.71	0.000	2.00	0.62	0.00	0.063	0.000	8.466	0.00	15.43
55.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.064	0.000	8.637	0.00	1.37
55.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.064	0.000	8.637	0.00	5.20
55.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.064	0.000	8.637	0.00	20.80
60.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.066	0.000	8.797	0.00	1.37
60.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.066	0.000	8.797	0.00	5.20
60.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.066	0.000	8.797	0.00	20.80
65.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.067	0.000	8.946	0.00	1.37
65.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.067	0.000	8.946	0.00	5.20
65.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.067	0.000	8.946	0.00	20.80
70.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.069	0.000	9.087	0.00	1.37
70.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.069	0.000	9.087	0.00	5.20

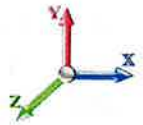
Linear Appurtenance Segment Forces (Factored)

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 37	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 21

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)
70.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.069	0.000	9.087	0.00	20.80
75.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.071	0.000	9.220	0.00	1.37
75.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.071	0.000	9.220	0.00	5.20
75.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.071	0.000	9.220	0.00	20.80
80.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.073	0.000	9.346	0.00	1.37
80.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.073	0.000	9.346	0.00	5.20
80.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.073	0.000	9.346	0.00	20.80
81.25	Safety Cable	Yes	1.25	0.000	0.38	0.04	0.00	0.074	0.000	9.377	0.00	0.34
81.25	Step bolts (ladder)	Yes	1.25	0.000	0.63	0.07	0.00	0.074	0.000	9.377	0.00	1.30
81.25	1 5/8" Coax	Yes	1.25	0.000	2.00	0.21	0.00	0.074	0.000	9.377	0.00	5.19
85.00	Safety Cable	Yes	3.75	0.000	0.38	0.12	0.00	0.075	0.000	9.466	0.00	1.02
85.00	Step bolts (ladder)	Yes	3.75	0.000	0.63	0.20	0.00	0.075	0.000	9.466	0.00	3.90
85.00	1 5/8" Coax	Yes	3.75	0.000	2.00	0.63	0.00	0.075	0.000	9.466	0.00	15.61
86.75	Safety Cable	Yes	1.75	0.000	0.38	0.06	0.00	0.076	0.000	9.507	0.00	0.48
86.75	Step bolts (ladder)	Yes	1.75	0.000	0.63	0.09	0.00	0.076	0.000	9.507	0.00	1.82
86.75	1 5/8" Coax	Yes	1.75	0.000	2.00	0.29	0.00	0.076	0.000	9.507	0.00	7.27
90.00	Safety Cable	Yes	3.25	0.000	0.38	0.10	0.00	0.076	0.000	9.581	0.00	0.89
90.00	Step bolts (ladder)	Yes	3.25	0.000	0.63	0.17	0.00	0.076	0.000	9.581	0.00	3.38
90.00	1 5/8" Coax	Yes	3.25	0.000	2.00	0.54	0.00	0.076	0.000	9.581	0.00	13.53
95.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.078	0.000	9.690	0.00	1.37
95.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.078	0.000	9.690	0.00	5.20
95.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.078	0.000	9.690	0.00	20.80
100.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.080	0.000	9.796	0.00	1.37
100.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.080	0.000	9.796	0.00	5.20
100.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.080	0.000	9.796	0.00	20.80
105.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.082	0.000	9.897	0.00	1.37
105.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.082	0.000	9.897	0.00	5.20
105.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.082	0.000	9.897	0.00	20.80
110.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.085	0.000	9.994	0.00	1.37
110.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.085	0.000	9.994	0.00	5.20
110.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.085	0.000	9.994	0.00	20.80
115.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.088	0.000	10.088	0.00	1.37
115.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.088	0.000	10.088	0.00	5.20
115.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.088	0.000	10.088	0.00	20.80
120.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.091	0.000	10.179	0.00	1.37
120.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.091	0.000	10.179	0.00	5.20
120.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.091	0.000	10.179	0.00	20.80
121.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.093	0.000	10.197	0.00	0.27
121.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.093	0.000	10.197	0.00	1.04
121.00	1 5/8" Coax	Yes	1.00	0.000	2.00	0.17	0.00	0.093	0.000	10.197	0.00	4.15
125.00	Safety Cable	Yes	4.00	0.000	0.38	0.13	0.00	0.094	0.000	10.267	0.00	1.09
125.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.21	0.00	0.094	0.000	10.267	0.00	4.16
125.00	1 5/8" Coax	Yes	4.00	0.000	2.00	0.67	0.00	0.094	0.000	10.267	0.00	16.65
125.50	Safety Cable	Yes	0.50	0.000	0.38	0.02	0.00	0.096	0.000	10.275	0.00	0.14
125.50	Step bolts (ladder)	Yes	0.50	0.000	0.63	0.03	0.00	0.096	0.000	10.275	0.00	0.52
125.50	1 5/8" Coax	Yes	0.50	0.000	2.00	0.08	0.00	0.096	0.000	10.275	0.00	2.07
127.00	Safety Cable	Yes	1.50	0.000	0.38	0.05	0.00	0.094	0.000	10.301	0.00	0.41

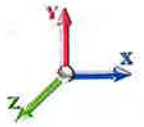
Linear Appurtenance Segment Forces (Factored)

Structure:	CT46129-A	**Code:**	TIA-222-H	8/8/2023	
Site Name:	Tolland-reed Rd	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Default		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 38	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 21

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)
127.00	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.08	0.00	0.094	0.000	10.301	0.00	1.56
127.00	1 5/8" Coax	Yes	1.50	0.000	2.00	0.25	0.00	0.094	0.000	10.301	0.00	6.25
130.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.096	0.000	10.352	0.00	0.82
130.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.096	0.000	10.352	0.00	3.12
130.00	1 5/8" Coax	Yes	3.00	0.000	2.00	0.50	0.00	0.096	0.000	10.352	0.00	12.48
135.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.099	0.000	10.435	0.00	1.37
135.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.099	0.000	10.435	0.00	5.20
135.00	1 5/8" Coax	Yes	5.00	0.000	2.00	0.83	0.00	0.099	0.000	10.435	0.00	20.80
138.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.102	1.006	10.483	0.00	0.82
138.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.102	1.006	10.483	0.00	3.12
138.00	1 5/8" Coax	Yes	3.00	0.000	2.00	0.50	0.00	0.102	1.006	10.483	0.00	12.48
140.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.035	0.000	10.515	0.00	0.55
140.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.035	0.000	10.515	0.00	2.08
145.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.036	0.000	10.593	0.00	1.37
145.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.036	0.000	10.593	0.00	5.20
149.08	Safety Cable	Yes	4.08	0.000	0.38	0.13	0.00	0.037	0.000	10.655	0.00	1.11
149.08	Step bolts (ladder)	Yes	4.08	0.000	0.63	0.21	0.00	0.037	0.000	10.655	0.00	4.24
150.00	Safety Cable	Yes	0.92	0.000	0.38	0.03	0.00	0.038	0.000	10.669	0.00	0.25
150.00	Step bolts (ladder)	Yes	0.92	0.000	0.63	0.05	0.00	0.038	0.000	10.669	0.00	0.96
										Totals:	**0.0**	**771.0**

Calculated Forces

Structure:	CT46129-A		**Code:**	TIA-222-H	8/8/2023
Site Name:	Tolland-reed Rd		**Exposure:**	C	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Default	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 39

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00

Iterations 21

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	-45.96	-8.13	0.00	-829.72	0.00	829.72	5976.93	1568.18	7252.83	6755.45	0.00	0.000	0.000	0.131
5.00	-44.25	-7.99	0.00	-789.08	0.00	789.08	5909.88	1537.43	6971.17	6547.51	0.02	-0.033	0.000	0.128
10.00	-42.57	-7.85	0.00	-749.14	0.00	749.14	5840.82	1506.68	6695.09	6340.39	0.07	-0.066	0.000	0.125
15.00	-40.92	-7.71	0.00	-709.89	0.00	709.89	5769.75	1475.93	6424.58	6134.23	0.16	-0.099	0.000	0.123
20.00	-39.30	-7.57	0.00	-671.33	0.00	671.33	5696.68	1445.17	6159.66	5929.15	0.28	-0.133	0.000	0.120
25.00	-37.71	-7.42	0.00	-633.48	0.00	633.48	5621.60	1414.42	5900.31	5725.31	0.44	-0.166	0.000	0.117
30.00	-36.15	-7.26	0.00	-596.39	0.00	596.39	5544.52	1383.67	5646.53	5522.82	0.63	-0.200	0.000	0.115
35.00	-34.61	-7.10	0.00	-560.07	0.00	560.07	5465.43	1352.92	5398.34	5321.82	0.86	-0.234	0.000	0.112
39.71	-33.20	-6.94	0.00	-526.64	0.00	526.64	5389.15	1323.97	5169.80	5134.11	1.10	-0.267	0.000	0.109
40.00	-33.05	-6.94	0.00	-524.60	0.00	524.60	5384.33	1322.17	5155.72	5122.46	1.12	-0.269	0.000	0.109
45.00	-30.44	-6.76	0.00	-489.88	0.00	489.88	5301.23	1291.42	4918.69	4924.86	1.42	-0.303	0.000	0.105
46.29	-29.78	-6.72	0.00	-481.15	0.00	481.15	4455.12	1146.23	4428.42	4204.54	1.50	-0.312	0.000	0.121
50.00	-28.81	-6.60	0.00	-456.21	0.00	456.21	4408.67	1126.26	4275.49	4087.55	1.76	-0.338	0.000	0.118
55.00	-27.53	-6.44	0.00	-423.19	0.00	423.19	4344.33	1099.35	4073.64	3930.75	2.13	-0.375	0.000	0.114
60.00	-26.27	-6.27	0.00	-391.01	0.00	391.01	4277.98	1072.45	3876.67	3775.06	2.54	-0.411	0.000	0.110
65.00	-25.04	-6.10	0.00	-359.66	0.00	359.66	4209.63	1045.54	3684.58	3620.61	2.99	-0.448	0.000	0.105
70.00	-23.84	-5.93	0.00	-329.16	0.00	329.16	4139.27	1018.63	3497.37	3467.53	3.48	-0.484	0.000	0.101
75.00	-22.66	-5.77	0.00	-299.49	0.00	299.49	4066.90	991.72	3315.04	3315.97	4.01	-0.519	0.000	0.096
80.00	-21.51	-5.59	0.00	-270.66	0.00	270.66	3992.52	964.82	3137.60	3166.05	4.57	-0.554	0.000	0.091
81.25	-21.23	-5.56	0.00	-263.69	0.00	263.69	3973.67	958.11	3094.11	3128.94	4.72	-0.563	0.000	0.090
85.00	-19.78	-5.42	0.00	-242.83	0.00	242.83	3916.15	937.91	2965.03	3017.91	5.17	-0.589	0.000	0.086
86.75	-19.12	-5.36	0.00	-233.36	0.00	233.36	3204.80	813.08	2599.71	2502.22	5.39	-0.601	0.000	0.099
90.00	-18.47	-5.26	0.00	-215.91	0.00	215.91	3168.24	798.08	2504.63	2427.58	5.80	-0.623	0.000	0.095
95.00	-17.51	-5.09	0.00	-189.63	0.00	189.63	3110.39	775.01	2361.96	2313.70	6.48	-0.658	0.000	0.088
100.00	-16.57	-4.93	0.00	-164.16	0.00	164.16	3050.53	751.95	2223.47	2200.96	7.18	-0.691	0.000	0.080
105.00	-15.65	-4.77	0.00	-139.50	0.00	139.50	2988.67	728.89	2089.17	2089.50	7.92	-0.723	0.000	0.072
110.00	-14.75	-4.61	0.00	-115.65	0.00	115.65	2924.80	705.82	1959.05	1979.44	8.70	-0.751	0.000	0.064
115.00	-13.88	-4.46	0.00	-92.59	0.00	92.59	2858.93	682.76	1833.11	1870.93	9.50	-0.777	0.000	0.054
120.00	-13.03	-4.30	0.00	-70.32	0.00	70.32	2770.72	659.70	1711.36	1751.26	10.32	-0.800	0.000	0.045
121.00	-12.86	-4.27	0.00	-66.03	0.00	66.03	2751.41	655.10	1687.59	1726.79	10.49	-0.804	0.000	0.043
125.00	-11.77	-4.14	0.00	-48.94	0.00	48.94	2673.85	636.63	1593.79	1630.24	11.17	-0.818	0.000	0.034
125.50	-11.64	-4.12	0.00	-46.88	0.00	46.88	2166.49	540.76	1379.88	1349.42	11.26	-0.820	0.000	0.040
127.00	-8.21	-2.72	0.00	-40.68	0.00	40.68	2151.74	534.98	1350.55	1325.76	11.52	-0.825	0.000	0.035
130.00	-7.82	-2.63	0.00	-32.52	0.00	32.52	2121.75	523.45	1292.95	1278.81	12.04	-0.833	0.000	0.029
135.00	-7.19	-2.48	0.00	-19.38	0.00	19.38	2070.16	504.23	1199.75	1201.43	12.92	-0.844	0.000	0.020
138.00	-2.94	-1.17	0.00	-11.93	0.00	11.93	2038.24	492.70	1145.50	1155.56	13.45	-0.849	0.000	0.012
140.00	-2.73	-1.12	0.00	-9.59	0.00	9.59	2016.57	485.01	1110.03	1125.24	13.81	-0.851	0.000	0.010
145.00	-2.21	-0.98	0.00	-4.01	0.00	4.01	1956.31	465.79	1023.80	1047.87	14.70	-0.855	0.000	0.005
149.08	-0.08	-0.02	0.00	-0.02	0.00	0.02	1890.44	450.11	956.02	978.10	15.43	-0.856	0.000	0.000
150.00	0.00	-0.02	0.00	0.00	0.00	0.00	1875.59	446.57	941.05	962.69	15.60	-0.856	0.000	0.000

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 120 mph Wind	36.3	0.00	55.11	0.00	0.00	3727.82
0.9D + 1.0W 120 mph Wind	36.3	0.00	41.32	0.00	0.00	3696.89
1.2D + 1.0Di + 1.0Wi 50 mph Wind	8.3	0.00	75.29	0.00	0.00	872.92
1.2D + 1.0Ev + 1.0Eh	1.0	0.00	57.01	0.00	0.00	126.48
0.9D + 1.0Ev + 1.0Eh	1.0	0.00	43.15	0.00	0.00	125.92
1.0D + 1.0W 60 mph Wind	8.1	0.00	45.96	0.00	0.00	829.72

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 120 mph Wind	-55.11	-36.35	0.00	-3727.8	0.00	-3727.8	5976.93	1568.1	7252.83	6755.45	0.00	0.562
0.9D + 1.0W 120 mph Wind	-41.32	-36.33	0.00	-3696.8	0.00	-3696.8	5976.93	1568.1	7252.83	6755.45	0.00	0.555
1.2D + 1.0Di + 1.0Wi 50 mph Wind	-75.29	-8.34	0.00	-872.92	0.00	-872.92	5976.93	1568.1	7252.83	6755.45	0.00	0.142
1.2D + 1.0Ev + 1.0Eh	-57.01	-0.97	0.00	-126.48	0.00	-126.48	5976.93	1568.1	7252.83	6755.45	0.00	0.028
0.9D + 1.0Ev + 1.0Eh	-43.15	-0.97	0.00	-125.92	0.00	-125.92	5976.93	1568.1	7252.83	6755.45	0.00	0.026
1.0D + 1.0W 60 mph Wind	-45.96	-8.13	0.00	-829.72	0.00	-829.72	5976.93	1568.1	7252.83	6755.45	0.00	0.131

Base Plate Summary

Structure:	CT46129-A		**Code:**	TIA-222-H	8/8/2023
Site Name:	Tolland-reed Rd		**Exposure:**	C	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Default	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 41

SBA

Reactions		Base Plate		Anchor Bolts	
Original Design		**Yield (ksi):**	60.00	**Bolt Circle:**	65.00
Moment (kip-ft):	4611.00	**Width (in):**	71.00	**Number Bolts:**	24.00
Axial (kip):	39.00	**Style:**	Round	**Bolt Type:**	2.25" 18J
Shear (kip):	39.00	**Polygon Sides:**	0.00	**Bolt Diameter (in):**	2.25
Analysis (1.2D + 1.0W)		**Clip Length (in):**	0.00	**Yield (ksi):**	75.00
Moment (kip-ft):	3727.82	**Effective Len (in):**	12.53	**Ultimate (ksi):**	100.00
Axial (kip):	55.11	**Moment (kip-in):**	526.49	**Arrangement:**	Radial
Shear (kip):	36.35	**Allow Stress (ksi):**	81.00	**Cluster Dist (in):**	0.00
		Applied Stress (ksi):	40.50	**Start Angle (deg):**	0.00
		Stress Ratio:	0.50	Compression	
				Force (kip):	117.00
				Allowable (kip):	268.39
				Ratio:	0.44
				Tension	
				Force (kip):	112.41
				Allowable (kip):	243.75
				Ratio:	0.46

Monopole Base Reaction Comparison Table

Site ID:	CT46129-A	
Design TIA:	TIA-222-F	
Current TIA:	TIA-222-H	*Select*
Component:	Monopole Base	*Select*

TIA-222-F Compared To TIA-222-H				
MONOPOLE BASE FOUNDATION REACTION COMPARISON				
REACTIONS	ORIGINAL DESIGN REACTIONS	*MODIFIED DESIGN REACTIONS	ANALYSIS REACTIONS	% RATING
MOMENT (kip-ft)	4610.7	6224.4	3727.8	59.9%
SHEAR (kips)	38.9	52.5	36.3	69.1%

Although the shear capacity is at 69.1%, the moment reaction is the governing criteria for a monopole drilled pier foundation. Therefore, the overall capacity for this foundation is 59.9%.

*Original Design Reactions were multiplied by 1.35 for comparison as allowed by TIA-222-H, Section 15.4.3.

Colliers Engineering & Design CT, PC
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Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207137
Colliers Engineering & Design CT, PC Project #:23777157

July 25, 2023

Site Information	*Site ID:*	*5000248184-VZW / TOLLAND 2 CT*
	Site Name:	*TOLLAND 2 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*208 Reed Rd* *Tolland, Connecticut 06084* *Tolland County*
	Latitude:	*41.853361°*
	Longitude:	*-72.406139°*
Structure Information	*Tower Type:*	*200-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 17123900

Analysis Results

Platform: **47.1% 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: Jared Adkins

STATE OF CONNECTICUT
DEJIAN XU
No. 33733
LICENSED PROFESSIONAL ENGINEER
07/25/2023

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: 736607, dated September 10, 2021*
Mount Mapping Report	*Eliet ICT, Site ID: CT46123, dated April 23, 2021*
Previous Mount Analysis	*Maser Consulting Connecticut Project #: 21777787A Dated September 17, 2021*
Post Modification Inspection	*Colliers Engineering & Design, Project #: 21777787, Dated June 27, 2023*
Final Loading Configuration	*Filter Add Scope Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.972
Seismic Parameters:	S_S:	0.182 g
	S_1:	0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
126.50	127.00	3	Samsung	MT6407-77A	Retained
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		1	Raycap	DB-B1-6C-12AB-0Z*	
		6	Andrew	SBNHH-1D65B	
		2	Antel	LPA-80063/6CF	
		4	Antel	LPA-80080/6CF	
		1	Raycap	RRFDC-3315-PF-48	
		2	KAelus	KA-6030	Added

* Equipment to be flush mounted directly to the Monopole. They are not mounted on the platform mount and are not included in this mount analysis.

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

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

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	*17.9 %*	*Pass*
Platform Crossmember	*24.1 %*	*Pass*
Corner Plate	*12.7 %*	*Pass*
Cross Arm Plate	*28.3 %*	*Pass*
Mount Pipe	*36.9 %*	*Pass*
Standoff Horizontal	*42.9 %*	*Pass*
Grating Support	*14.1 %*	*Pass*
Support Rail	*28.9 %*	*Pass*
Mount Connection	*47.1 %*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**47.1%**

BASELINE mount weight per SBA agreement: 1,330.00 lbs

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

The weights listed above include 3 sectors.

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	24.2	24.2	42.5	42.5
0.5	31.5	31.5	57.4	57.4
1	38.1	38.1	71.7	71.7

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

Requirements:

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

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

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

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MDG #: 5000248184 SMART Project #: 10207137 Fuze Project ID: 17123900

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

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

Base Requirements:

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

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

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

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

OR

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

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

Issue:

Response:

Special Instruction Confirmation:

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

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

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

OR

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

Comments:

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

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

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

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

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

Structure: 5000248184-VZW - TOLLAND 2 CT

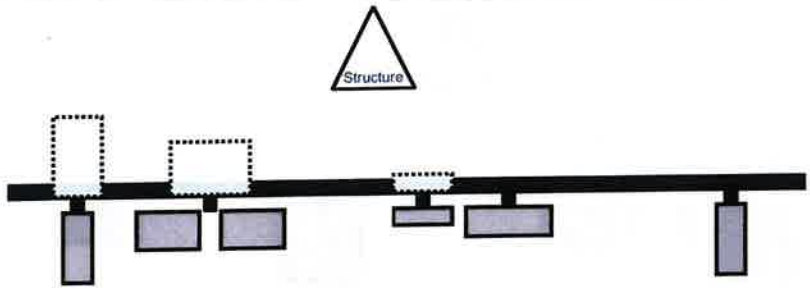
Sector: A
Structure Type: Monopole
Mount Elev: 126.50

10207137

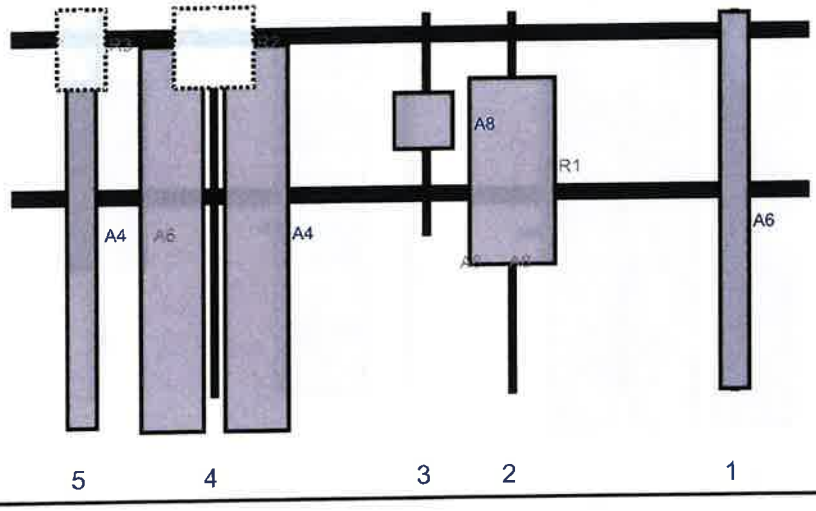
7/20/2023

Colliers Engineering & Design

Plan View



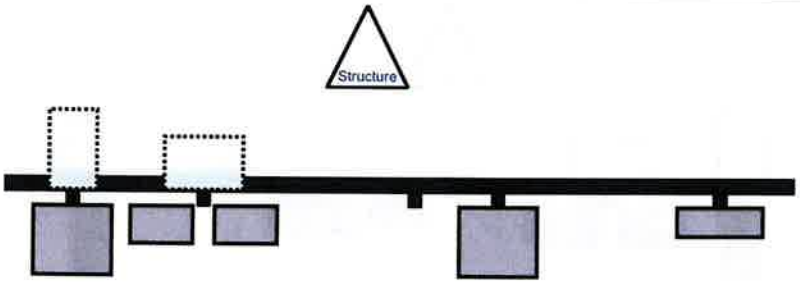
Front View - Looking at Structure



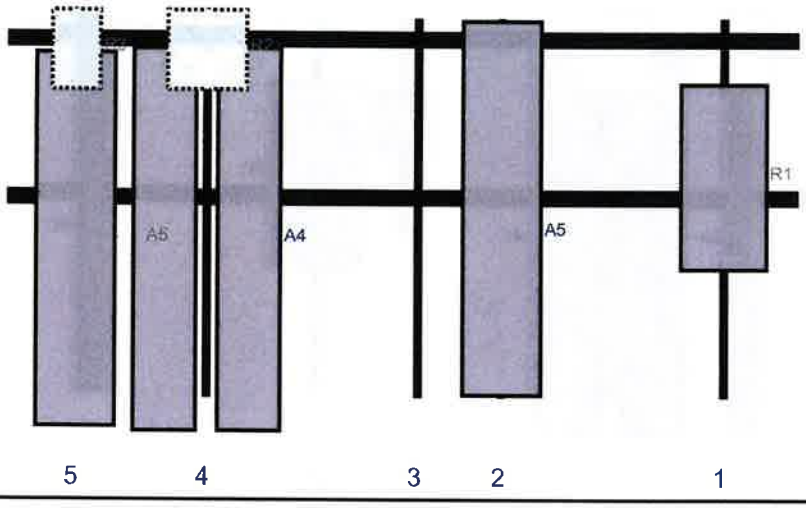
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	LPA-80080/6CF ___	70.9	5.5	136	1	a	Front	36	0	Retained	03/30/2023
R1	MT6407-77A	35.1	16.1	94	2	a	Front	30	0	Retained	03/30/2023
A8	KA-6030	10.6	10.9	78	3	a	Behind	48	0	Added	
A8	KA-6030	10.6	10.9	78	3	b	Front	48	0	Added	
A4	SBNHH-1D65B	72.6	11.9	38	4	a	Front	42	8	Retained	03/30/2023
A4	SBNHH-1D65B	72.6	11.9	38	4	b	Front	42	-8	Retained	03/30/2023
R2	RF4439d-25A	15	15	38	4	a	Behind	6	0	Retained	03/30/2023
A6	LPA-80080/6CF ___	70.9	5.5	13	5	a	Front	42	0	Retained	03/30/2023
R3	RF4440d-13A	15	9.1	13	5	a	Behind	6	0	Retained	03/30/2023
M134	RRFDC-3315-PF-48	29.5	16.5		Member					Retained	03/30/2023

Colliers Engineering & Design

Plan View

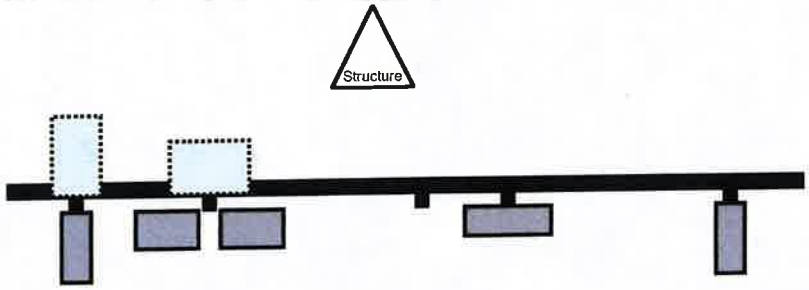


Front View - Looking at Structure

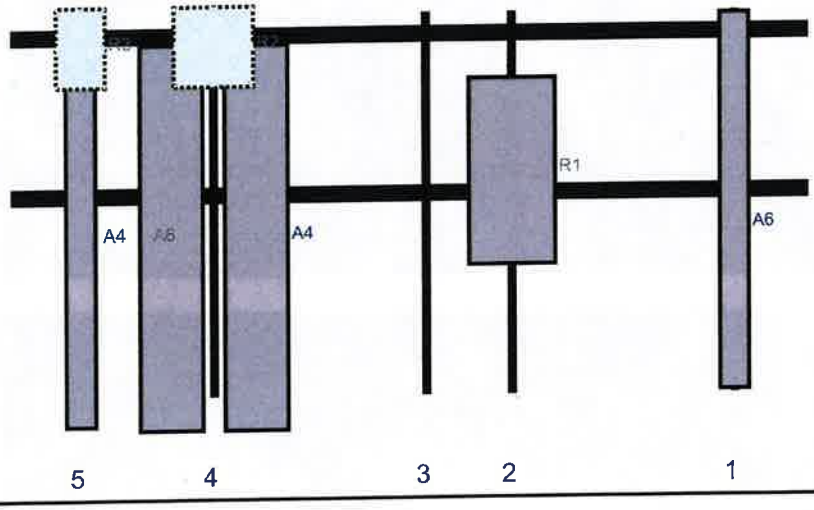


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R1	MT6407-77A	35.1	16.1	136	1	a	Front	30	0	Retained	03/30/2023
A5	LPA-80063/6CF	70.9	15	94	2	a	Front	36	0	Retained	03/30/2023
A4	SBNHH-1D65B	72.6	11.9	38	4	a	Front	42	8	Retained	03/30/2023
A4	SBNHH-1D65B	72.6	11.9	38	4	b	Front	42	-8	Retained	03/30/2023
R2	RF4439d-25A	15	15	38	4	a	Behind	6	0	Retained	03/30/2023
A5	LPA-80063/6CF	70.9	15	13	5	a	Front	42	0	Retained	03/30/2023
R3	RF4440d-13A	15	9.1	13	5	a	Behind	6	0	Retained	03/30/2023

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
A6	LPA-80080/6CF ___	70.9	5.5	136	1	a	Front	36	0	Retained	03/30/2023
R1	MT6407-77A	35.1	16.1	94	2	a	Front	30	0	Retained	03/30/2023
A4	SBNHH-1D65B	72.6	11.9	38	4	a	Front	42	8	Retained	03/30/2023
A4	SBNHH-1D65B	72.6	11.9	38	4	b	Front	42	-8	Retained	03/30/2023
R2	RF4439d-25A	15	15	38	4	a	Behind	6	0	Retained	03/30/2023
A6	LPA-80080/6CF ___	70.9	5.5	13	5	a	Front	42	0	Retained	03/30/2023
R3	RF4440d-13A	15	9.1	13	5	a	Behind	6	0	Retained	03/30/2023


March 30, 2023 at 2:13 PM
Tolland

V4.0 Updated on 3-31-2021

Antenna Mount Mapping Form (PATENT PENDING)

FCC # N/A

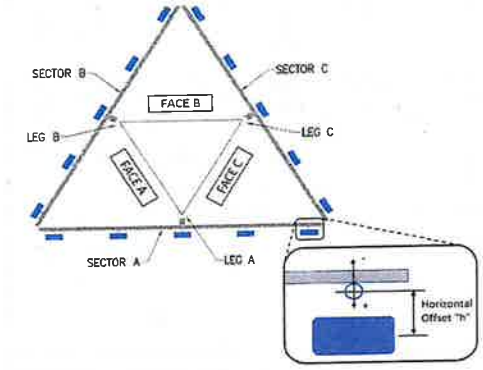
Tower Owner:	CROWN CASTLE	Mapping Date:	4/23/2021
Site Name:	TOLLAND 2	Tower Type:	Monopole
Site Number or ID:	CT46129	Tower Height (Ft.):	200
Mapping Contractor:	ELITE ICT	Mount Elevation (Ft.):	131.09

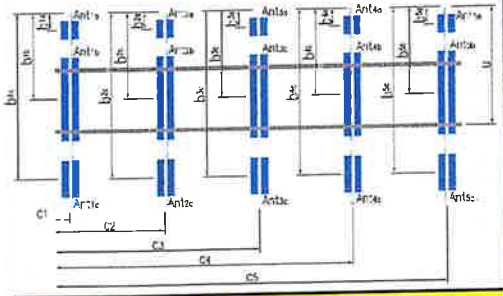
Please insert the sketches of the antenna mount from the "Sketches" tab with dimensions and members here.

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	72.00 X 2.38 STD P	34.00	14.00	C1	72.00 X 2.38 STD P	34.00	14.00
A2	72.00 X 2.38 STD P	34.00	42.00	C2	72.00 X 2.38 STD P	34.00	42.00
A3	96.00 X 2.38 STD P	48.00	78.00	C3	96.00 X 2.38 STD P	48.00	78.00
A4	72.00 X 2.38 STD P	34.00	112.00	C4	72.00 X 2.38 STD P	34.00	112.00
A5	72.00 X 2.38 STD P	34.00	137.00	C5	72.00 X 2.38 STD P	34.00	137.00
A6				C6			
B1	72.00 X 2.38 STD P	34.00	14.00	D1			
B2	72.00 X 2.38 STD P	34.00	42.00	D2			
B3	96.00 X 2.38 STD P	48.00	78.00	D3			
B4	72.00 X 2.38 STD P	34.00	112.00	D4			
B5	72.00 X 2.38 STD P	34.00	137.00	D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	0.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	0
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	0
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.): 30.25
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.	8-Mar





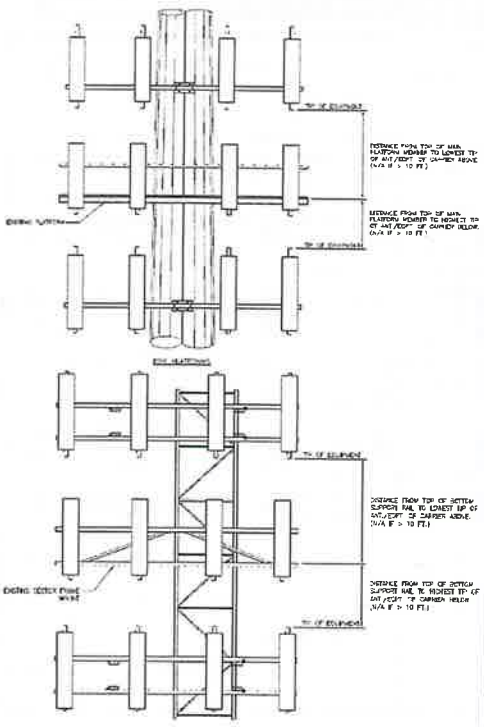
Antenna Layout (Looking Out From Tower)

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
Sector A										
Ant_{1a}	UNKNOWN	11.00	5.00	70.00		131.34	31.00	10.00	30.00	60
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	UNKNOWN	15.00	12.00	71.00		131.923	24.00	12.00	10.00	28
Ant_{2b}	RRU	12.00	7.00	20.00		132.757	14.00	8.00		30
Ant_{2c}										
Ant_{3a}	UNKNOWN	15.00	12.00	71.00		133.09	24.00	12.00	0.00	32
Ant_{3b}	B13-RRH	10.00	6.00	36.00		132.423	32.00	7.00		34
Ant_{3c}										
Ant_{4a}	UNKNOWN	11.00	7.50	72.00		130.923	36.00	9.00	30.00	59
Ant_{4b}	B25-RRH	12.00	7.00	21.00		132.84	13.00	8.00		59
Ant_{4c}										
Ant_{5a}	UNKNOWN	15.00	12.00	71.00		131.923	24.00	12.00	90.00	60
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

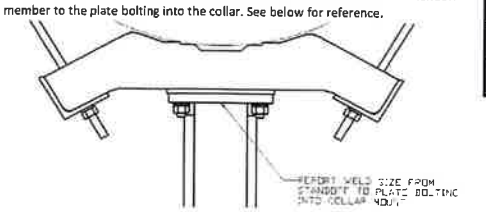
Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	50.00	Deg	Leg A:		Deg
Sector B:	120.00	Deg	Leg B:		Deg
Sector C:	300.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	50.00	Deg	Other
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.

Please insert a photo of the mount centerline measurement here.



For T-Arms/Platforms on monopoles, record the weld size from the main standoff member to the plate bolting into the collar. See below for reference.



Sector B										
Ant_{1a}	UNKNOWN	11.00	5.00	72.00		131.34	31.00	10.00	140.00	207
Ant_{1b}	RRU	12.00	7.00	20.00		132.757	14.00	-8.00		140
Ant_{1c}										
Ant_{2a}	UNKNOWN	15.00	12.00	71.00		131.923	24.00	12.00	160.00	205
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	UNKNOWN	15.00	12.00	71.00		133.09	24.00	12.00	300.00	204
Ant_{3b}	B13-RRH	10.00	6.00	36.00		132.423	32.00	-7.00		140
Ant_{3c}										
Ant_{4a}	UNKNOWN	11.00	7.50	72.00		130.923	36.00	9.00	110.00	202
Ant_{4b}	B25-RRH	12.00	7.00	21.00		132.84	13.00	-8.00		104
Ant_{4c}										
Ant_{5a}	UNKNOWN	15.00	12.00	71.00		131.923	24.00	12.00	90.00	200
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower	RAYCAP	14.00	9.00	18.00						15
Ant on Tower										
Sector C										
Ant_{1a}	UNKNOWN	11.00	5.00	70.00		131.34	31.00	10.00	280.00	26
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	UNKNOWN	15.00	12.00	71.00		131.923	24.00	12.00	280.00	25
Ant_{2b}	RRU	12.00	7.00	20.00		132.757	14.00	-8.00		5
Ant_{2c}										
Ant_{3a}	UNKNOWN	15.00	12.00	71.00		133.09	24.00	12.00	240.00	20
Ant_{3b}	B13-RRH	10.00	6.00	36.00		132.423	32.00	-7.00		8
Ant_{3c}										
Ant_{4a}	UNKNOWN	11.00	7.50	72.00		130.923	36.00	9.00	300.00	11
Ant_{4b}	B25-RRH	12.00	7.00	21.00		132.84	13.00	-8.00		11
Ant_{4c}										
Ant_{5a}	UNKNOWN	15.00	12.00	71.00		131.923	24.00	12.00	300.00	23
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff	RAYCAP	14.00	9.00	18.00						35
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		

Observed Obstructions to Tower Lighting System					
If the tower lighting system is being obstructed by the carrier's equipment (for example: a light nested by the antennas), please provide photos and fill in the information below.					Photo #
Description of Obstruction:					
Type of Light:		Photo #		Additional Comments:	
Lighting Technology:		Photo #			
Elevation (AGL) at base of light (Ft.):		Photo #			
Is a service loop available?		Photo #			
Is beacon installed on an extension?		Photo #			

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.

V4.0 Updated on 3-31-2021

MASER CONSULTING P.A.

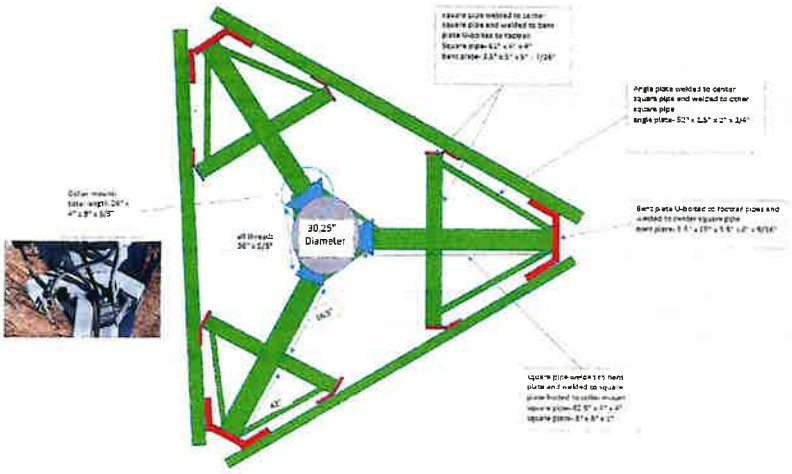
Antenna Mount Mapping Form (PATENT PENDING)

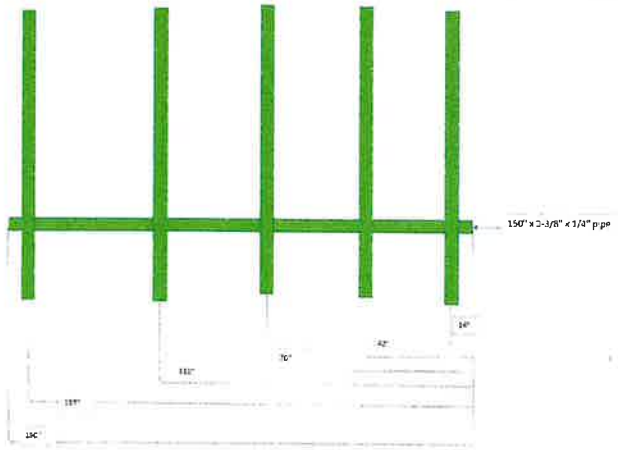
FCC #: N/A

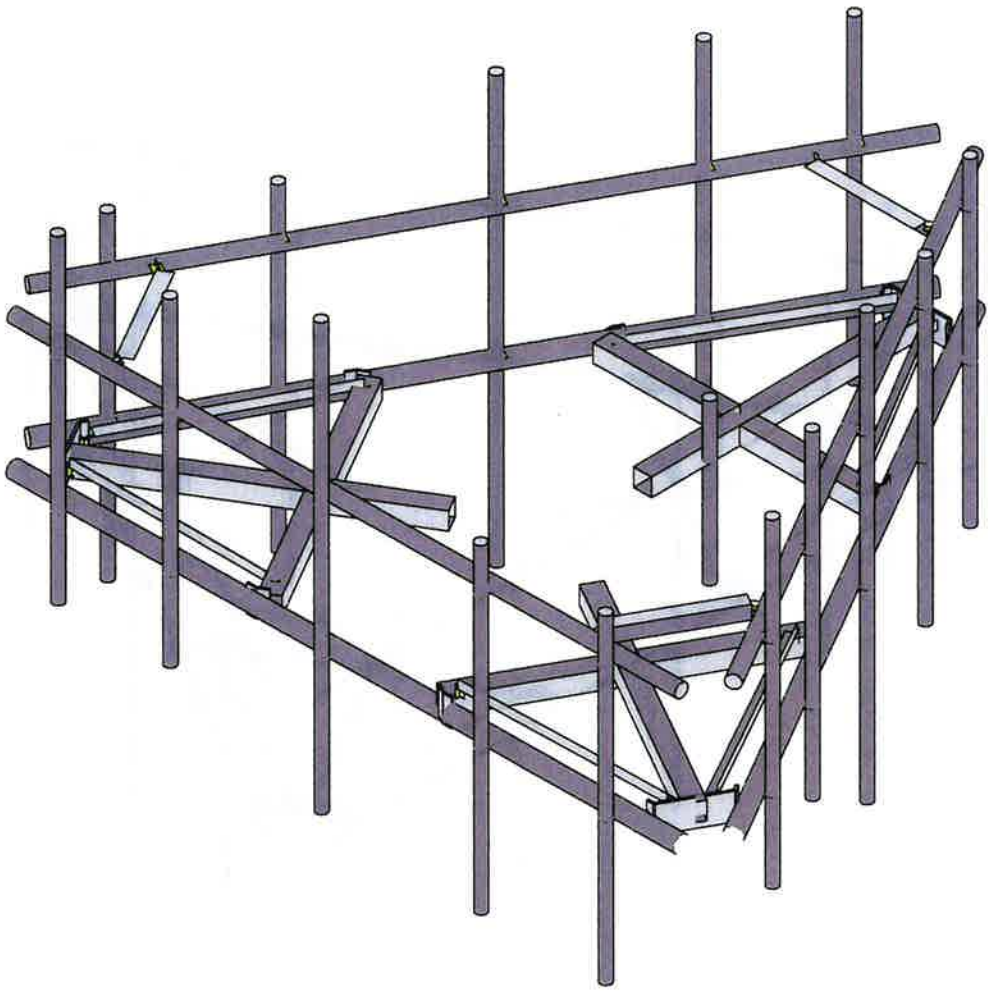
Tower Owner:	CROWN CASTLE	Mapping Date:	4/23/2021
Site Name:	TOLLAND 2	Tower Type:	Monopole
Site Number or ID:	CT46129	Tower Height (Ft.):	200
Mapping Contractor:	ELITE ICT	Mount Elevation (Ft.):	131.09

Please Insert Sketches of the Antenna Mount

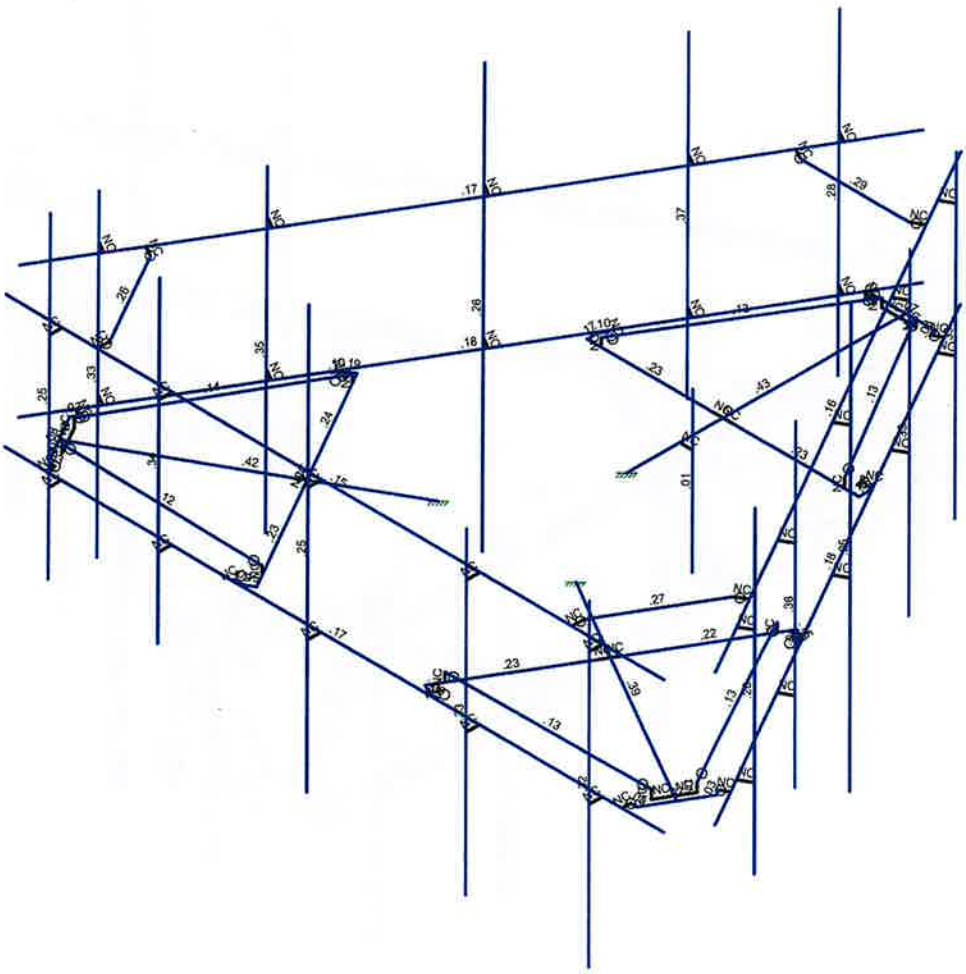
Footrail Top View





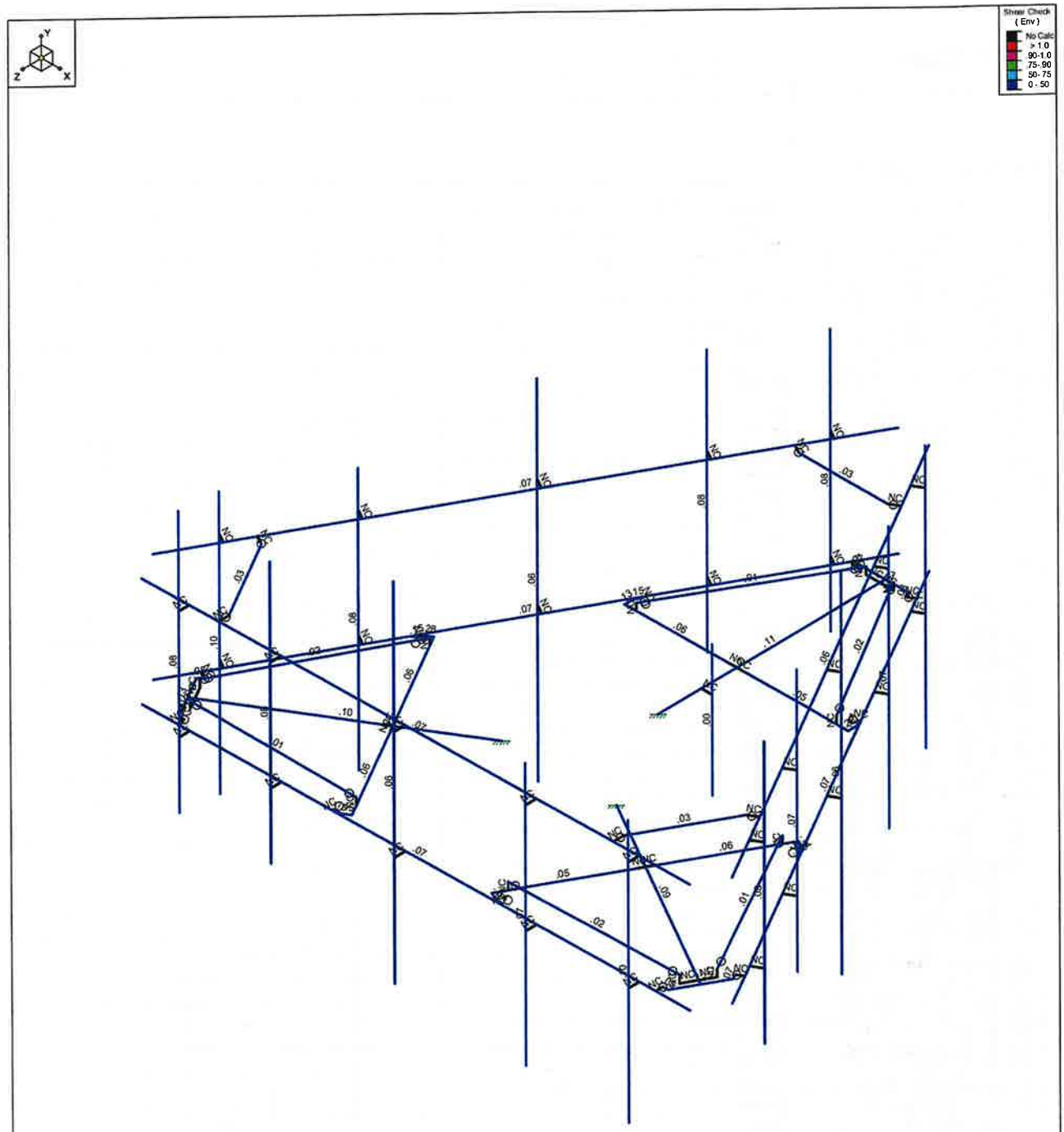


Colliers Engineering & De...	5000248184-VZW_MT_LO_H	SK - 1
DAB		July 20, 2023 at 11:32 AM
Project No. 10207137		5000248184-VZW_MT_LO_H.r3d



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

Colliers Engineering & De...	5000248184-VZW_MT_LO_H	SK - 2
DAB		July 20, 2023 at 11:32 AM
Project No. 10207137		5000248184-VZW_MT_LO_H.r3d



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

Colliers Engineering & De...	5000248184-VZW_MT_LO_H	SK - 3
DAB		July 20, 2023 at 11:32 AM
Project No. 10207137		5000248184-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					117			
2	Antenna Di	None					117			
3	Antenna Wo (0 Deg)	None					117			
4	Antenna Wo (30 Deg)	None					117			
5	Antenna Wo (60 Deg)	None					117			
6	Antenna Wo (90 Deg)	None					117			
7	Antenna Wo (120 Deg)	None					117			
8	Antenna Wo (150 Deg)	None					117			
9	Antenna Wo (180 Deg)	None					117			
10	Antenna Wo (210 Deg)	None					117			
11	Antenna Wo (240 Deg)	None					117			
12	Antenna Wo (270 Deg)	None					117			
13	Antenna Wo (300 Deg)	None					117			
14	Antenna Wo (330 Deg)	None					117			
15	Antenna Wi (0 Deg)	None					117			
16	Antenna Wi (30 Deg)	None					117			
17	Antenna Wi (60 Deg)	None					117			
18	Antenna Wi (90 Deg)	None					117			
19	Antenna Wi (120 Deg)	None					117			
20	Antenna Wi (150 Deg)	None					117			
21	Antenna Wi (180 Deg)	None					117			
22	Antenna Wi (210 Deg)	None					117			
23	Antenna Wi (240 Deg)	None					117			
24	Antenna Wi (270 Deg)	None					117			
25	Antenna Wi (300 Deg)	None					117			
26	Antenna Wi (330 Deg)	None					117			
27	Antenna Wm (0 Deg)	None					117			
28	Antenna Wm (30 Deg)	None					117			
29	Antenna Wm (60 Deg)	None					117			
30	Antenna Wm (90 Deg)	None					117			
31	Antenna Wm (120 De...	None					117			
32	Antenna Wm (150 De...	None					117			
33	Antenna Wm (180 De...	None					117			
34	Antenna Wm (210 De...	None					117			
35	Antenna Wm (240 De...	None					117			
36	Antenna Wm (270 De...	None					117			
37	Antenna Wm (300 De...	None					117			
38	Antenna Wm (330 De...	None					117			
39	Structure D	None		-1					3	
40	Structure Di	None						61	3	
41	Structure Wo (0 Deg)	None						122		
42	Structure Wo (30 Deg)	None						122		
43	Structure Wo (60 Deg)	None						122		
44	Structure Wo (90 Deg)	None						122		
45	Structure Wo (120 D...	None						122		
46	Structure Wo (150 D...	None						122		
47	Structure Wo (180 D...	None						122		
48	Structure Wo (210 D...	None						122		
49	Structure Wo (240 D...	None						122		
50	Structure Wo (270 D...	None						122		
51	Structure Wo (300 D...	None						122		
52	Structure Wo (330 D...	None						122		
53	Structure Wi (0 Deg)	None						122		
54	Structure Wi (30 Deg)	None						122		
55	Structure Wi (60 Deg)	None						122		
56	Structure Wi (90 Deg)	None						122		
57	Structure Wi (120 De...	None						122		
58	Structure Wi (150 De...	None						122		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
59	Structure Wi (180 De..	None						122		
60	Structure Wi (210 De..	None						122		
61	Structure Wi (240 De..	None						122		
62	Structure Wi (270 De..	None						122		
63	Structure Wi (300 De..	None						122		
64	Structure Wi (330 De..	None						122		
65	Structure Wm (0 Deg)	None						122		
66	Structure Wm (30 De..	None						122		
67	Structure Wm (60 De..	None						122		
68	Structure Wm (90 De..	None						122		
69	Structure Wm (120 D..	None						122		
70	Structure Wm (150 D..	None						122		
71	Structure Wm (180 D..	None						122		
72	Structure Wm (210 D..	None						122		
73	Structure Wm (240 D..	None						122		
74	Structure Wm (270 D..	None						122		
75	Structure Wm (300 D..	None						122		
76	Structure Wm (330 D..	None						122		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					117			
82	Antenna Eh (0 Deg)	None					78			
83	Antenna Eh (90 Deg)	None					78			
84	Structure Ev	ELY		-.039					3	
85	Structure Eh (0 Deg)	ELZ			-.097				3	
86	Structure Eh (90 Deg)	ELX	.097						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	So..	P...	S...	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..
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 D...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (150 D...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (180 D...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (210 D...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (240 D...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (270 D...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (300 D...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (330 D...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								

Load Combinations (Continued)

	Description	So..	P...	S...	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..
22	1.2D + 1.0Di + 1.0W..	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0W..	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0W..	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0..	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0..	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0..	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0..	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0..	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0..	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0..	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0..	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0..	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0..	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0..	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0..	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0..	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0..	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0..	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0..	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0..	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0..	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0..	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0..	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0..	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0..	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0..	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0..	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 + 1.0E..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		ELZ	1	ELX					
53	1.2D + 1.0Ev + 1.0E..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	ELZ	.866	ELX	.5				
54	1.2D + 1.0Ev + 1.0E..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	ELZ	.5	ELX	.866				
55	1.2D + 1.0Ev + 1.0E..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	ELZ		ELX	1				
56	1.2D + 1.0Ev + 1.0E..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	ELZ	-.5	ELX	.866				
57	1.2D + 1.0Ev + 1.0E..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
58	1.2D + 1.0Ev + 1.0E..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		ELZ	-1	ELX					
59	1.2D + 1.0Ev + 1.0E..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				
60	1.2D + 1.0Ev + 1.0E..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
61	1.2D + 1.0Ev + 1.0E..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	ELZ		ELX	-1				
62	1.2D + 1.0Ev + 1.0E..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.866	ELZ	.5	ELX	-.866				
63	1.2D + 1.0Ev + 1.0E..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	ELZ	.866	ELX	-.5				
64	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		ELZ	1	ELX					
65	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	ELZ	.866	ELX	.5				
66	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	ELZ	.5	ELX	.866				
67	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	ELZ		ELX	1				
68	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	ELZ	-.5	ELX	.866				
69	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
70	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		ELZ	-1	ELX					
71	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				
72	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
73	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	ELZ		ELX	-1				
74	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.866	ELZ	.5	ELX	-.866				
75	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-.5	ELZ	.866	ELX	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	-2.881552	-.5	1.663665	0	
2	N2	-5.856107	-.5	3.381025	0	
3	N3	-6.249996	-.5	4.018166	0	
4	N4	6.249996	-.5	4.018165	0	
5	N5	-1.595101	-.5	3.89187	0	
6	N6	-4.031241	-0.333333	-0.327648	0	
7	N7	-1.731871	-0.333333	3.654978	0	
8	N8	-4.031241	-.5	-0.327648	0	
9	N9	-1.731871	-.5	3.654978	0	
10	N14	-4.168011	-.5	-0.56454	0	
11	N15	-2.798223	-.5	1.808003	0	
12	N16	-2.96489	-.5	1.519328	0	
13	N17	-6.129545	-.5	2.907416	0	
14	N18	-5.58267	-.5	3.854631	0	
15	N19	-1.757481	-.5	3.98562	0	
16	N20	-4.330391	-.5	-0.47079	0	
17	N21	-1.924148	-.5	3.98562	0	
18	N22	-1.924148	-.5	4.018165	0	
19	N23	-5.45767	-.5	3.854631	0	
20	N24	-5.45767	-.5	4.018165	0	
21	N25	-4.413724	-.5	-0.326452	0	
22	N26	-4.441906	-.5	-0.342723	0	
23	N27	-6.067045	-.5	2.799162	0	
24	N28	-6.208667	-.5	2.717397	0	
25	N29	2.881553	-.5	1.663665	0	
26	N30	5.856107	-.5	3.381025	0	
27	N31	4.168009	-.5	-0.564536	0	
28	N32	1.73187	-0.333333	3.654981	0	
29	N33	4.031239	-0.333333	-0.327644	0	
30	N34	1.73187	-.5	3.654981	0	
31	N35	4.031239	-.5	-0.327644	0	
32	N40	1.5951	-.5	3.891873	0	
33	N41	2.964888	-.5	1.519331	0	
34	N42	2.798221	-.5	1.808006	0	
35	N43	5.582668	-.5	3.854634	0	
36	N44	6.129543	-.5	2.907419	0	
37	N45	4.330389	-.5	-0.470786	0	
38	N46	1.75748	-.5	3.985623	0	
39	N47	4.413722	-.5	-0.326449	0	
40	N48	4.441907	-.5	-0.342722	0	
41	N49	6.067043	-.5	2.799166	0	
42	N50	6.208669	-.5	2.717398	0	
43	N51	1.924146	-.5	3.985623	0	
44	N52	1.924146	-.5	4.018165	0	
45	N53	5.457668	-.5	3.854634	0	
46	N54	5.457668	-.5	4.018165	0	
47	N55	5.083329	-.5	4.018165	0	
48	N56	-3.083329	-.5	4.018165	0	
49	N57	-5.166662	-.5	4.018165	0	
50	N58	5.083329	-.5	4.268165	0	
51	N59	-3.083329	-.5	4.268165	0	
52	N60	-5.166662	-.5	4.268165	0	
53	N61	5.083329	2.833333	4.268165	0	
54	N62	-3.083329	4.000333	4.268165	0	
55	N63	-5.166662	4.000333	4.268165	0	
56	N64	5.083329	-3.166667	4.268165	0	
57	N65	-3.083329	-1.999667	4.268165	0	
58	N66	-5.166662	-1.999667	4.268165	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
59	CP	0	-.5	0	0	
60	N68	1.309399	-.5	0.755982	0	
61	N69	6.604831	-.5	3.403573	0	
62	N70	0.354835	-.5	-7.421738	0	
63	N71	-0.354835	-.5	-7.421738	0	
64	N72	-6.604831	-.5	3.403573	0	
65	N73	0.	-.5	-3.327333	0	
66	N74	0.	-.5	-6.76205	0	
67	N75	-2.572907	-.5	-3.327333	0	
68	N76	2.299372	-0.333333	-3.327333	0	
69	N77	-2.299368	-0.333333	-3.327333	0	
70	N78	2.299372	-.5	-3.327333	0	
71	N79	-2.299368	-.5	-3.327333	0	
72	N84	2.572912	-.5	-3.327333	0	
73	N85	-0.166665	-.5	-3.327333	0	
74	N86	0.166669	-.5	-3.327333	0	
75	N87	0.546877	-.5	-6.76205	0	
76	N88	-0.546873	-.5	-6.76205	0	
77	N89	-2.572907	-.5	-3.514833	0	
78	N90	2.572912	-.5	-3.514833	0	
79	N91	-2.489574	-.5	-3.659171	0	
80	N92	-2.517759	-.5	-3.675444	0	
81	N93	-0.609373	-.5	-6.653796	0	
82	N94	-0.750998	-.5	-6.735564	0	
83	N95	2.489578	-.5	-3.659171	0	
84	N96	2.51776	-.5	-3.675442	0	
85	N97	0.609377	-.5	-6.653796	0	
86	N98	0.750999	-.5	-6.735562	0	
87	N99	0.	-.5	-1.511963	0	
88	N100	-1.309399	-.5	0.755982	0	
89	N126	0.083335	-.5	-3.327333	0	
90	N134	2.749996	-.5	4.018165	0	
91	N135	2.749996	-.5	4.268165	0	
92	N136	2.749996	2.833333	4.268165	0	
93	N137	2.749996	-3.166667	4.268165	0	
94	N127A	2.563169	-.5	-3.596793	0	
95	N144	-4.396498	-.5	-0.421373	0	
96	N146A	-0.250004	-.5	4.018165	0	
97	N147A	-0.250004	-.5	4.268165	0	
98	N148	-0.250004	5.	4.268165	0	
99	N149	-0.250004	-3.	4.268165	0	
100	N120	0.938169	-.5	-6.411375	0	
101	N121	5.021498	-.5	0.661158	0	
102	N122	6.063164	-.5	2.465378	0	
103	N123	1.154675	-.5	-6.536375	0	
104	N124	5.238004	-.5	0.536158	0	
105	N125A	6.279671	-.5	2.340378	0	
106	N126A	1.154675	2.833333	-6.536375	0	
107	N127B	5.238004	4.000333	0.536158	0	
108	N128A	6.279671	4.000333	2.340378	0	
109	N129A	1.154675	-3.166667	-6.536375	0	
110	N130A	5.238004	-1.999667	0.536158	0	
111	N131A	6.279671	-1.999667	2.340378	0	
112	N133A	2.104835	-.5	-4.390649	0	
113	N134A	2.321342	-.5	-4.515649	0	
114	N135A	2.321342	2.833333	-4.515649	0	
115	N136A	2.321342	-3.166667	-4.515649	0	
116	N137A	3.604835	-.5	-1.792573	0	
117	N138	3.821342	-.5	-1.917573	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
118	N139	3.821342	4.	-1.917573	0	
119	N140	3.821342	-4.	-1.917573	0	
120	N141	-6.021498	-.5	2.39321	0	
121	N142	-1.938169	-.5	-4.679324	0	
122	N143	-0.896502	-.5	-6.483543	0	
123	N144A	-6.238004	-.5	2.26821	0	
124	N145	-2.154675	-.5	-4.804324	0	
125	N146	-1.113009	-.5	-6.608543	0	
126	N147	-6.238004	2.833333	2.26821	0	
127	N148A	-2.154675	4.000333	-4.804324	0	
128	N149A	-1.113009	4.000333	-6.608543	0	
129	N150	-6.238004	-3.166667	2.26821	0	
130	N151	-2.154675	-1.999667	-4.804324	0	
131	N152	-1.113009	-1.999667	-6.608543	0	
132	N154	-4.854831	-.5	0.372484	0	
133	N155	-5.071338	-.5	0.247484	0	
134	N156	-5.071338	2.833333	0.247484	0	
135	N157	-5.071338	-3.166667	0.247484	0	
136	N158	-3.354831	-.5	-2.225592	0	
137	N159	-3.571338	-.5	-2.350592	0	
138	N160	-3.571338	4.	-2.350592	0	
139	N161	-3.571338	-4.	-2.350592	0	
140	N160A	0.316678	-0.333333	-6.636454	0	
141	N161A	-0.315987	-0.333333	-6.637644	0	
142	N164	0.317021	-.5	-6.63705	0	
143	N165	-0.31633	-.5	-6.63705	0	
144	N160B	0.000346	-.5	-6.63705	0	
145	N156A	-5.905677	-0.333333	3.043976	0	
146	N157A	-5.590375	-0.333333	3.592474	0	
147	N158A	-5.906364	-.5	3.043976	0	
148	N159A	-5.589689	-.5	3.592474	0	
149	N160C	-5.748026	-.5	3.318225	0	
150	N164A	5.588999	-0.333333	3.592478	0	
151	N165A	5.906361	-0.333333	3.045169	0	
152	N166	5.589343	-.5	3.593073	0	
153	N167	5.906018	-.5	3.044575	0	
154	N168	5.747681	-.5	3.318824	0	
155	N163	-6.249996	2	4.018166	0	
156	N164B	6.249996	2	4.018165	0	
157	N165B	5.083329	2	4.018165	0	
158	N166A	-3.083329	2	4.018165	0	
159	N167A	-5.166662	2	4.018165	0	
160	N168A	5.083329	2	4.268165	0	
161	N169	-3.083329	2	4.268165	0	
162	N170	-5.166662	2	4.268165	0	
163	N171	6.604831	2	3.403573	0	
164	N172	0.354835	2	-7.421738	0	
165	N173	-0.354835	2	-7.421738	0	
166	N174	-6.604831	2	3.403573	0	
167	N175	2.749996	2	4.018165	0	
168	N176	2.749996	2	4.268165	0	
169	N177	-0.250004	2	4.018165	0	
170	N178	-0.250004	2	4.268165	0	
171	N179	0.938169	2	-6.411375	0	
172	N180	5.021498	2	0.661158	0	
173	N181	6.063164	2	2.465378	0	
174	N182	1.154675	2	-6.536375	0	
175	N183	5.238004	2	0.536158	0	
176	N184	6.279671	2	2.340378	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
177	N185	2.104835	2	-4.390649	0	
178	N186	2.321342	2	-4.515649	0	
179	N187	3.604835	2	-1.792573	0	
180	N188	3.821342	2	-1.917573	0	
181	N189	-6.021498	2	2.39321	0	
182	N190	-1.938169	2	-4.679324	0	
183	N191	-0.896502	2	-6.483543	0	
184	N192	-6.238004	2	2.26821	0	
185	N193	-2.154675	2	-4.804324	0	
186	N194	-1.113009	2	-6.608543	0	
187	N195	-4.854831	2	0.372484	0	
188	N196	-5.071338	2	0.247484	0	
189	N197	-3.354831	2	-2.225592	0	
190	N198	-3.571338	2	-2.350592	0	
191	N199	-4.499996	2	4.018166	0	
192	N200	-4.499996	2	3.788675	0	
193	N193A	4.499996	2	4.018166	0	
194	N194A	4.499996	2	3.788675	0	
195	N195A	5.729831	2	1.888028	0	
196	N196A	5.531087	2	2.002773	0	
197	N197A	1.229835	2	-5.906194	0	
198	N198A	1.031091	2	-5.791448	0	
199	N199A	-1.229835	2	-5.906194	0	
200	N200A	-1.031091	2	-5.791448	0	
201	N201	-5.729831	2	1.888028	0	
202	N202	-5.531087	2	2.002773	0	
203	N203	0.	-.5	-2.511963	0	
204	N204	0.25	-.5	-2.511963	0	
205	N205	0.25	.5	-2.511963	0	
206	N206	0.25	-2.5	-2.511963	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rules	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizo...	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Hor...	HSS4X4X4	Beam	SquareTube	A500 Gr.B R...	Typical	3.37	7.8	7.8	12.8
3	Support Rail	PIPE 2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
4	Corner Plate	PL1/2X6	Beam	RECT	A36 Gr.36	Typical	3	.063	9	.237
5	Platform Cro...	HSS4X4X4	Beam	SquareTube	A500 Gr.B R...	Typical	3.37	7.8	7.8	12.8
6	Grating Sup...	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
7	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
8	Cross Arm P...	PL3/8X6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
9	Support Rail...	L3X3X4	Column	RECT	A36 Gr.36	Typical	1.44	1.23	1.23	.031
10	OVP Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M20	N3	N4			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M41A	N14	N16			Platform Cross...	Beam	SquareTube	A500 Gr.B..	Typical
3	M42_1	N15	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B..	Typical
4	M43A_1	N18	N17			Corner Plate	Beam	RECT	A36 Gr.36	Typical
5	M44_1	N7	N9			RIGID	None	None	RIGID	Typical
6	M45_1	N6	N8			RIGID	None	None	RIGID	Typical
7	M50_1	N15	N1			RIGID	None	None	RIGID	Typical
8	M51_1	N1	N16			RIGID	None	None	RIGID	Typical
9	M64	N5	N19			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
10	M65	N19	N21			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
11	M68	N21	N22			RIGID	None	None	RIGID	Typical
12	M71	N18	N23			Corner Plate	Beam	RECT	A36 Gr.36	Typical
13	M72	N23	N24			RIGID	None	None	RIGID	Typical
14	M86	N14	N20			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
15	M87	N20	N25			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
16	M89	N25	N26			RIGID	None	None	RIGID	Typical
17	M90	N17	N27			Corner Plate	Beam	RECT	A36 Gr.36	Typical
18	M93	N27	N28			RIGID	None	None	RIGID	Typical
19	M51A	N40	N42			Platform Cross...	Beam	SquareTube	A500 Gr.B..	Typical
20	M52	N41	N31			Platform Cross...	Beam	SquareTube	A500 Gr.B..	Typical
21	M53A	N44	N43			Corner Plate	Beam	RECT	A36 Gr.36	Typical
22	M54	N33	N35			RIGID	None	None	RIGID	Typical
23	M55	N32	N34			RIGID	None	None	RIGID	Typical
24	M60	N41	N29			RIGID	None	None	RIGID	Typical
25	M61	N29	N42			RIGID	None	None	RIGID	Typical
26	M62	N31	N45			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
27	M63	N45	N47			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
28	M64A	N47	N48			RIGID	None	None	RIGID	Typical
29	M65A	N44	N49			Corner Plate	Beam	RECT	A36 Gr.36	Typical
30	M66	N49	N50			RIGID	None	None	RIGID	Typical
31	M67	N40	N46			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
32	M68A	N46	N51			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
33	M69	N51	N52			RIGID	None	None	RIGID	Typical
34	M70	N43	N53			Corner Plate	Beam	RECT	A36 Gr.36	Typical
35	M71A	N53	N54			RIGID	None	None	RIGID	Typical
36	M77A	N55	N58			RIGID	None	None	RIGID	Typical
37	M78A	N56	N59			RIGID	None	None	RIGID	Typical
38	M80A	N57	N60			RIGID	None	None	RIGID	Typical
39	MP5A	N63	N66			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
40	MP4A	N62	N65			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
41	MP1A	N61	N64			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
42	M109A	N68	N30			Standoff Horiz...	Beam	SquareTube	A500 Gr.B..	Typical
43	M53	N70	N69			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
44	M54A	N72	N71			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
45	M55A	N84	N86			Platform Cross...	Beam	SquareTube	A500 Gr.B..	Typical
46	M56A	N85	N75			Platform Cross...	Beam	SquareTube	A500 Gr.B..	Typical
47	M57A	N88	N87			Corner Plate	Beam	RECT	A36 Gr.36	Typical
48	M58A	N77	N79			RIGID	None	None	RIGID	Typical
49	M59A	N76	N78			RIGID	None	None	RIGID	Typical
50	M60A	N160A	N76			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
51	M61A	N77	N161A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
52	M64B	N85	N73			RIGID	None	None	RIGID	Typical
53	M65B	N73	N86			RIGID	None	None	RIGID	Typical
54	M66A	N75	N89			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
55	M67A	N89	N91			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
56	M68B	N91	N92			RIGID	None	None	RIGID	Typical
57	M69A	N88	N93			Corner Plate	Beam	RECT	A36 Gr.36	Typical
58	M70A	N93	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
59	M71B	N84	N90			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
60	M72A	N90	N95			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
61	M73	N95	N96			RIGID	None	None	RIGID	Typical
62	M74	N87	N97			Corner Plate	Beam	RECT	A36 Gr.36	Typical
63	M75	N97	N98			RIGID	None	None	RIGID	Typical
64	M76	N99	N74			Standoff Horiz...	Beam	SquareTube	A500 Gr.B..	Typical
65	M77	N100	N2			Standoff Horiz...	Beam	SquareTube	A500 Gr.B..	Typical
66	M90A	N134	N135			RIGID	None	None	RIGID	Typical
67	MP2A	N136	N137			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
68	M94	N146A	N147A			RIGID	None	None	RIGID	Typical
69	MP3A	N148	N149			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
70	M82	N120	N123			RIGID	None	None	RIGID	Typical
71	M83	N121	N124			RIGID	None	None	RIGID	Typical
72	M84	N122	N125A			RIGID	None	None	RIGID	Typical
73	MP5C	N128A	N131A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
74	MP4C	N127B	N130A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
75	MP1C	N126A	N129A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
76	M88	N133A	N134A			RIGID	None	None	RIGID	Typical
77	MP2C	N135A	N136A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
78	M90C	N137A	N138			RIGID	None	None	RIGID	Typical
79	MP3C	N139	N140			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
80	M92	N141	N144A			RIGID	None	None	RIGID	Typical
81	M93A	N142	N145			RIGID	None	None	RIGID	Typical
82	M94A	N143	N146			RIGID	None	None	RIGID	Typical
83	MP5B	N149A	N152			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
84	MP4B	N148A	N151			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
85	MP1B	N147	N150			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
86	M98	N154	N155			RIGID	None	None	RIGID	Typical
87	MP2B	N156	N157			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	M100	N158	N159			RIGID	None	None	RIGID	Typical
89	MP3B	N160	N161			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	M100A	N165	N160B			RIGID	None	None	RIGID	Typical
91	M101	N161A	N165			RIGID	None	None	RIGID	Typical
92	M102	N160A	N164			RIGID	None	None	RIGID	Typical
93	M101A	N160B	N164			RIGID	None	None	RIGID	Typical
94	M94B	N156A	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
95	M95	N7	N157A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
96	M96	N159A	N160C			RIGID	None	None	RIGID	Typical
97	M97	N157A	N159A			RIGID	None	None	RIGID	Typical
98	M98A	N156A	N158A			RIGID	None	None	RIGID	Typical
99	M99	N160C	N158A			RIGID	None	None	RIGID	Typical
100	M100B	N164A	N32			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
101	M101B	N33	N165A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
102	M102A	N167	N168			RIGID	None	None	RIGID	Typical
103	M103	N165A	N167			RIGID	None	None	RIGID	Typical
104	M104	N164A	N166			RIGID	None	None	RIGID	Typical
105	M105	N168	N166			RIGID	None	None	RIGID	Typical
106	M106	N163	N164B			Support Rail	Beam	Pipe	A53 Gr.B	Typical
107	M107	N165B	N168A			RIGID	None	None	RIGID	Typical
108	M108	N166A	N169			RIGID	None	None	RIGID	Typical
109	M109	N167A	N170			RIGID	None	None	RIGID	Typical
110	M110	N172	N171			Support Rail	Beam	Pipe	A53 Gr.B	Typical
111	M111	N174	N173			Support Rail	Beam	Pipe	A53 Gr.B	Typical
112	M112	N175	N176			RIGID	None	None	RIGID	Typical
113	M113	N177	N178			RIGID	None	None	RIGID	Typical
114	M114	N179	N182			RIGID	None	None	RIGID	Typical
115	M115	N180	N183			RIGID	None	None	RIGID	Typical
116	M116	N181	N184			RIGID	None	None	RIGID	Typical
117	M117	N185	N186			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
118	M118	N187	N188			RIGID	None	None	RIGID	Typical
119	M119	N189	N192			RIGID	None	None	RIGID	Typical
120	M120	N190	N193			RIGID	None	None	RIGID	Typical
121	M121	N191	N194			RIGID	None	None	RIGID	Typical
122	M122	N195	N196			RIGID	None	None	RIGID	Typical
123	M123	N197	N198			RIGID	None	None	RIGID	Typical
124	M124	N199	N200			RIGID	None	None	RIGID	Typical
125	M125	N193A	N194A			RIGID	None	None	RIGID	Typical
126	M126	N195A	N196A			RIGID	None	None	RIGID	Typical
127	M127	N197A	N198A			RIGID	None	None	RIGID	Typical
128	M128	N199A	N200A			RIGID	None	None	RIGID	Typical
129	M129	N201	N202			RIGID	None	None	RIGID	Typical
130	M130	N200	N202		90	Support Rail C..	Column	RECT	A36 Gr.36	Typical
131	M131	N200A	N198A		90	Support Rail C..	Column	RECT	A36 Gr.36	Typical
132	M132	N196A	N194A		90	Support Rail C..	Column	RECT	A36 Gr.36	Typical
133	M133	N203	N204			RIGID	None	None	RIGID	Typical
134	M134	N205	N206			OVP Pipe	Column	Pipe	A53 Gr.B	Typical

Hot Rolled Steel Design Parameters

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
1	M20	Face Horizo..	12.5			Lbyy						Lateral
2	M41A	Platform Cr...	2.406			Lbyy						Lateral
3	M42_1	Platform Cr...	2.406			Lbyy						Lateral
4	M43A_1	Corner Plate	1.094			Lbyy						Lateral
5	M64	Cross Arm ...	.187									Lateral
6	M65	Cross Arm ...	.167									Lateral
7	M71	Corner Plate	.125			Lbyy						Lateral
8	M86	Cross Arm ...	.187									Lateral
9	M87	Cross Arm ...	.167									Lateral
10	M90	Corner Plate	.125			Lbyy						Lateral
11	M51A	Platform Cr...	2.406			Lbyy						Lateral
12	M52	Platform Cr...	2.406			Lbyy						Lateral
13	M53A	Corner Plate	1.094			Lbyy						Lateral
14	M62	Cross Arm ...	.187									Lateral
15	M63	Cross Arm ...	.167									Lateral
16	M65A	Corner Plate	.125			Lbyy						Lateral
17	M67	Cross Arm ...	.187									Lateral
18	M68A	Cross Arm ...	.167									Lateral
19	M70	Corner Plate	.125			Lbyy						Lateral
20	MP5A	Mount Pipe	6									Lateral
21	MP4A	Mount Pipe	6									Lateral
22	MP1A	Mount Pipe	6									Lateral
23	M109A	Standoff Ho..	5.25			Lbyy						Lateral
24	M53	Face Horizo..	12.5			Lbyy						Lateral
25	M54A	Face Horizo..	12.5			Lbyy						Lateral
26	M55A	Platform Cr...	2.406			Lbyy						Lateral
27	M56A	Platform Cr...	2.406			Lbyy						Lateral
28	M57A	Corner Plate	1.094			Lbyy						Lateral
29	M60A	Grating Sup..	3.858			Lbyy						Lateral
30	M61A	Grating Sup..	3.859			Lbyy						Lateral
31	M66A	Cross Arm ...	.187									Lateral
32	M67A	Cross Arm ...	.167									Lateral
33	M69A	Corner Plate	.125			Lbyy						Lateral
34	M71B	Cross Arm ...	.187									Lateral
35	M72A	Cross Arm ...	.167									Lateral
36	M74	Corner Plate	.125			Lbyy						Lateral
37	M76	Standoff Ho..	5.25			Lbyy						Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
38	M77	Standoff Ho..	5.25			Lbyy						Lateral
39	MP2A	Mount Pipe	6									Lateral
40	MP3A	Mount Pipe	8									Lateral
41	MP5C	Mount Pipe	6									Lateral
42	MP4C	Mount Pipe	6									Lateral
43	MP1C	Mount Pipe	6									Lateral
44	MP2C	Mount Pipe	6									Lateral
45	MP3C	Mount Pipe	8									Lateral
46	MP5B	Mount Pipe	6									Lateral
47	MP4B	Mount Pipe	6									Lateral
48	MP1B	Mount Pipe	6									Lateral
49	MP2B	Mount Pipe	6									Lateral
50	MP3B	Mount Pipe	8									Lateral
51	M94B	Grating Sup..	3.858			Lbyy						Lateral
52	M95	Grating Sup..	3.859			Lbyy						Lateral
53	M100B	Grating Sup..	3.858			Lbyy						Lateral
54	M101B	Grating Sup..	3.859			Lbyy						Lateral
55	M106	Support Rail	12.5			Lbyy						Lateral
56	M110	Support Rail	12.5			Lbyy						Lateral
57	M111	Support Rail	12.5			Lbyy						Lateral
58	M130	Support Rai..	2.062									Lateral
59	M131	Support Rai..	2.062									Lateral
60	M132	Support Rai..	2.062									Lateral
61	M134	OVP Pipe	3									Lateral

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	Y	-43.55	1
2	MP1B	My	.007	1
3	MP1B	Mz	-.02	1
4	MP1B	Y	-43.55	4
5	MP1B	My	.007	4
6	MP1B	Mz	-.02	4
7	MP2A	Y	-43.55	1
8	MP2A	My	-.022	1
9	MP2A	Mz	0	1
10	MP2A	Y	-43.55	4
11	MP2A	My	-.022	4
12	MP2A	Mz	0	4
13	MP2C	Y	-43.55	1
14	MP2C	My	.014	1
15	MP2C	Mz	.017	1
16	MP2C	Y	-43.55	4
17	MP2C	My	.014	4
18	MP2C	Mz	.017	4
19	MP4A	Y	-74.7	.5
20	MP4A	My	.037	.5
21	MP4A	Mz	0	.5
22	MP4B	Y	-74.7	.5
23	MP4B	My	-.013	.5
24	MP4B	Mz	.035	.5
25	MP4C	Y	-74.7	.5
26	MP4C	My	-.024	.5
27	MP4C	Mz	-.029	.5
28	MP5A	Y	-70.3	.5
29	MP5A	My	.035	.5
30	MP5A	Mz	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP5B	Y	-70.3	.5
32	MP5B	My	-.012	.5
33	MP5B	Mz	.033	.5
34	MP5C	Y	-70.3	.5
35	MP5C	My	-.023	.5
36	MP5C	Mz	-.027	.5
37	MP4A	Y	-20	2
38	MP4A	My	-.01	2
39	MP4A	Mz	.013	2
40	MP4A	Y	-20	5
41	MP4A	My	-.01	5
42	MP4A	Mz	.013	5
43	MP4B	Y	-20	2
44	MP4B	My	-.009	2
45	MP4B	Mz	-.014	2
46	MP4B	Y	-20	5
47	MP4B	My	-.009	5
48	MP4B	Mz	-.014	5
49	MP4C	Y	-20	2
50	MP4C	My	.017	2
51	MP4C	Mz	-.00091	2
52	MP4C	Y	-20	5
53	MP4C	My	.017	5
54	MP4C	Mz	-.00091	5
55	MP4A	Y	-20	2
56	MP4A	My	-.01	2
57	MP4A	Mz	-.013	2
58	MP4A	Y	-20	5
59	MP4A	My	-.01	5
60	MP4A	Mz	-.013	5
61	MP4B	Y	-20	2
62	MP4B	My	.016	2
63	MP4B	Mz	-.005	2
64	MP4B	Y	-20	5
65	MP4B	My	.016	5
66	MP4B	Mz	-.005	5
67	MP4C	Y	-20	2
68	MP4C	My	-.004	2
69	MP4C	Mz	.016	2
70	MP4C	Y	-20	5
71	MP4C	My	-.004	5
72	MP4C	Mz	.016	5
73	MP2B	Y	-13.5	1
74	MP2B	My	.003	1
75	MP2B	Mz	-.006	1
76	MP2B	Y	-13.5	5
77	MP2B	My	.003	5
78	MP2B	Mz	-.006	5
79	MP5B	Y	-13.5	2
80	MP5B	My	.003	2
81	MP5B	Mz	-.006	2
82	MP5B	Y	-13.5	5
83	MP5B	My	.003	5
84	MP5B	Mz	-.006	5
85	MP1A	Y	-10.5	1
86	MP1A	My	-.005	1
87	MP1A	Mz	0	1
88	MP1A	Y	-10.5	5
89	MP1A	My	-.005	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP1A	Mz	0	5
91	MP1C	Y	-10.5	1
92	MP1C	My	.003	1
93	MP1C	Mz	.004	1
94	MP1C	Y	-10.5	5
95	MP1C	My	.003	5
96	MP1C	Mz	.004	5
97	MP5A	Y	-10.5	2
98	MP5A	My	-.005	2
99	MP5A	Mz	0	2
100	MP5A	Y	-10.5	5
101	MP5A	My	-.005	5
102	MP5A	Mz	0	5
103	MP5C	Y	-10.5	2
104	MP5C	My	.003	2
105	MP5C	Mz	.004	2
106	MP5C	Y	-10.5	5
107	MP5C	My	.003	5
108	MP5C	Mz	.004	5
109	M134	Y	-32	1
110	M134	My	0	1
111	M134	Mz	0	1
112	MP3A	Y	-17.6	4
113	MP3A	My	.004	4
114	MP3A	Mz	0	4
115	MP3A	Y	-17.6	4
116	MP3A	My	-.004	4
117	MP3A	Mz	0	4

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	Y	-55.918	1
2	MP1B	My	.01	1
3	MP1B	Mz	-.026	1
4	MP1B	Y	-55.918	4
5	MP1B	My	.01	4
6	MP1B	Mz	-.026	4
7	MP2A	Y	-55.918	1
8	MP2A	My	-.028	1
9	MP2A	Mz	0	1
10	MP2A	Y	-55.918	4
11	MP2A	My	-.028	4
12	MP2A	Mz	0	4
13	MP2C	Y	-55.918	1
14	MP2C	My	.018	1
15	MP2C	Mz	.021	1
16	MP2C	Y	-55.918	4
17	MP2C	My	.018	4
18	MP2C	Mz	.021	4
19	MP4A	Y	-71.056	.5
20	MP4A	My	.036	.5
21	MP4A	Mz	0	.5
22	MP4B	Y	-71.056	.5
23	MP4B	My	-.012	.5
24	MP4B	Mz	.033	.5
25	MP4C	Y	-71.056	.5
26	MP4C	My	-.023	.5
27	MP4C	Mz	-.027	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP5A	Y	-67.784	.5
29	MP5A	My	.034	.5
30	MP5A	Mz	0	.5
31	MP5B	Y	-67.784	.5
32	MP5B	My	-.012	.5
33	MP5B	Mz	.032	.5
34	MP5C	Y	-67.784	.5
35	MP5C	My	-.022	.5
36	MP5C	Mz	-.026	.5
37	MP4A	Y	-95.465	2
38	MP4A	My	-.048	2
39	MP4A	Mz	.064	2
40	MP4A	Y	-95.465	5
41	MP4A	My	-.048	5
42	MP4A	Mz	.064	5
43	MP4B	Y	-95.465	2
44	MP4B	My	-.043	2
45	MP4B	Mz	-.067	2
46	MP4B	Y	-95.465	5
47	MP4B	My	-.043	5
48	MP4B	Mz	-.067	5
49	MP4C	Y	-95.465	2
50	MP4C	My	.079	2
51	MP4C	Mz	-.004	2
52	MP4C	Y	-95.465	5
53	MP4C	My	.079	5
54	MP4C	Mz	-.004	5
55	MP4A	Y	-95.465	2
56	MP4A	My	-.048	2
57	MP4A	Mz	-.064	2
58	MP4A	Y	-95.465	5
59	MP4A	My	-.048	5
60	MP4A	Mz	-.064	5
61	MP4B	Y	-95.465	2
62	MP4B	My	.076	2
63	MP4B	Mz	-.023	2
64	MP4B	Y	-95.465	5
65	MP4B	My	.076	5
66	MP4B	Mz	-.023	5
67	MP4C	Y	-95.465	2
68	MP4C	My	-.018	2
69	MP4C	Mz	.077	2
70	MP4C	Y	-95.465	5
71	MP4C	My	-.018	5
72	MP4C	Mz	.077	5
73	MP2B	Y	-136.88	1
74	MP2B	My	.034	1
75	MP2B	Mz	-.059	1
76	MP2B	Y	-136.88	5
77	MP2B	My	.034	5
78	MP2B	Mz	-.059	5
79	MP5B	Y	-136.88	2
80	MP5B	My	.034	2
81	MP5B	Mz	-.059	2
82	MP5B	Y	-136.88	5
83	MP5B	My	.034	5
84	MP5B	Mz	-.059	5
85	MP1A	Y	-91.526	1
86	MP1A	My	-.046	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP1A	Mz	0	1
88	MP1A	Y	-91.526	5
89	MP1A	My	-.046	5
90	MP1A	Mz	0	5
91	MP1C	Y	-91.526	1
92	MP1C	My	.029	1
93	MP1C	Mz	.035	1
94	MP1C	Y	-91.526	5
95	MP1C	My	.029	5
96	MP1C	Mz	.035	5
97	MP5A	Y	-91.526	2
98	MP5A	My	-.046	2
99	MP5A	Mz	0	2
100	MP5A	Y	-91.526	5
101	MP5A	My	-.046	5
102	MP5A	Mz	0	5
103	MP5C	Y	-91.526	2
104	MP5C	My	.029	2
105	MP5C	Mz	.035	2
106	MP5C	Y	-91.526	5
107	MP5C	My	.029	5
108	MP5C	Mz	.035	5
109	M134	Y	-136.831	1
110	M134	My	0	1
111	M134	Mz	0	1
112	MP3A	Y	-28.588	4
113	MP3A	My	.007	4
114	MP3A	Mz	0	4
115	MP3A	Y	-28.588	4
116	MP3A	My	-.007	4
117	MP3A	Mz	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	0	1
2	MP1B	Z	-26.727	1
3	MP1B	Mx	.013	1
4	MP1B	X	0	4
5	MP1B	Z	-26.727	4
6	MP1B	Mx	.013	4
7	MP2A	X	0	1
8	MP2A	Z	-63.473	1
9	MP2A	Mx	0	1
10	MP2A	X	0	4
11	MP2A	Z	-63.473	4
12	MP2A	Mx	0	4
13	MP2C	X	0	1
14	MP2C	Z	-39.053	1
15	MP2C	Mx	-.015	1
16	MP2C	X	0	4
17	MP2C	Z	-39.053	4
18	MP2C	Mx	-.015	4
19	MP4A	X	0	.5
20	MP4A	Z	-50.195	.5
21	MP4A	Mx	0	.5
22	MP4B	X	0	.5
23	MP4B	Z	-35.612	.5
24	MP4B	Mx	-.017	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP4C	X	0	.5
26	MP4C	Z	-40.504	.5
27	MP4C	Mx	.016	.5
28	MP5A	X	0	.5
29	MP5A	Z	-50.195	.5
30	MP5A	Mx	0	.5
31	MP5B	X	0	.5
32	MP5B	Z	-32.752	.5
33	MP5B	Mx	-.015	.5
34	MP5C	X	0	.5
35	MP5C	Z	-38.603	.5
36	MP5C	Mx	.015	.5
37	MP4A	X	0	2
38	MP4A	Z	-89.218	2
39	MP4A	Mx	-.059	2
40	MP4A	X	0	5
41	MP4A	Z	-89.218	5
42	MP4A	Mx	-.059	5
43	MP4B	X	0	2
44	MP4B	Z	-44.323	2
45	MP4B	Mx	.031	2
46	MP4B	X	0	5
47	MP4B	Z	-44.323	5
48	MP4B	Mx	.031	5
49	MP4C	X	0	2
50	MP4C	Z	-59.382	2
51	MP4C	Mx	.003	2
52	MP4C	X	0	5
53	MP4C	Z	-59.382	5
54	MP4C	Mx	.003	5
55	MP4A	X	0	2
56	MP4A	Z	-89.218	2
57	MP4A	Mx	.059	2
58	MP4A	X	0	5
59	MP4A	Z	-89.218	5
60	MP4A	Mx	.059	5
61	MP4B	X	0	2
62	MP4B	Z	-44.323	2
63	MP4B	Mx	.011	2
64	MP4B	X	0	5
65	MP4B	Z	-44.323	5
66	MP4B	Mx	.011	5
67	MP4C	X	0	2
68	MP4C	Z	-59.382	2
69	MP4C	Mx	-.048	2
70	MP4C	X	0	5
71	MP4C	Z	-59.382	5
72	MP4C	Mx	-.048	5
73	MP2B	X	0	1
74	MP2B	Z	-142.993	1
75	MP2B	Mx	.062	1
76	MP2B	X	0	5
77	MP2B	Z	-142.993	5
78	MP2B	Mx	.062	5
79	MP5B	X	0	2
80	MP5B	Z	-142.993	2
81	MP5B	Mx	.062	2
82	MP5B	X	0	5
83	MP5B	Z	-142.993	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP5B	Mx	.062	5
85	MP1A	X	0	1
86	MP1A	Z	-70.112	1
87	MP1A	Mx	0	1
88	MP1A	X	0	5
89	MP1A	Z	-70.112	5
90	MP1A	Mx	0	5
91	MP1C	X	0	1
92	MP1C	Z	-110.954	1
93	MP1C	Mx	-.042	1
94	MP1C	X	0	5
95	MP1C	Z	-110.954	5
96	MP1C	Mx	-.042	5
97	MP5A	X	0	2
98	MP5A	Z	-70.112	2
99	MP5A	Mx	0	2
100	MP5A	X	0	5
101	MP5A	Z	-70.112	5
102	MP5A	Mx	0	5
103	MP5C	X	0	2
104	MP5C	Z	-110.954	2
105	MP5C	Mx	-.042	2
106	MP5C	X	0	5
107	MP5C	Z	-110.954	5
108	MP5C	Mx	-.042	5
109	M134	X	0	1
110	M134	Z	-102.658	1
111	M134	Mx	0	1
112	MP3A	X	0	4
113	MP3A	Z	-31.089	4
114	MP3A	Mx	0	4
115	MP3A	X	0	4
116	MP3A	Z	-31.089	4
117	MP3A	Mx	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	11.557	1
2	MP1B	Z	-20.017	1
3	MP1B	Mx	.011	1
4	MP1B	X	11.557	4
5	MP1B	Z	-20.017	4
6	MP1B	Mx	.011	4
7	MP2A	X	26.535	1
8	MP2A	Z	-45.96	1
9	MP2A	Mx	-.013	1
10	MP2A	X	26.535	4
11	MP2A	Z	-45.96	4
12	MP2A	Mx	-.013	4
13	MP2C	X	29.303	1
14	MP2C	Z	-50.754	1
15	MP2C	Mx	-.01	1
16	MP2C	X	29.303	4
17	MP2C	Z	-50.754	4
18	MP2C	Mx	-.01	4
19	MP4A	X	23.033	.5
20	MP4A	Z	-39.895	.5
21	MP4A	Mx	.012	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP4B	X	17.089	.5
23	MP4B	Z	-29.599	.5
24	MP4B	Mx	-.017	.5
25	MP4C	X	24.132	.5
26	MP4C	Z	-41.797	.5
27	MP4C	Mx	.008	.5
28	MP5A	X	22.628	.5
29	MP5A	Z	-39.194	.5
30	MP5A	Mx	.011	.5
31	MP5B	X	15.518	.5
32	MP5B	Z	-26.879	.5
33	MP5B	Mx	-.015	.5
34	MP5C	X	23.942	.5
35	MP5C	Z	-41.469	.5
36	MP5C	Mx	.008	.5
37	MP4A	X	38.254	2
38	MP4A	Z	-66.258	2
39	MP4A	Mx	-.063	2
40	MP4A	X	38.254	5
41	MP4A	Z	-66.258	5
42	MP4A	Mx	-.063	5
43	MP4B	X	19.954	2
44	MP4B	Z	-34.562	2
45	MP4B	Mx	.015	2
46	MP4B	X	19.954	5
47	MP4B	Z	-34.562	5
48	MP4B	Mx	.015	5
49	MP4C	X	41.635	2
50	MP4C	Z	-72.115	2
51	MP4C	Mx	.038	2
52	MP4C	X	41.635	5
53	MP4C	Z	-72.115	5
54	MP4C	Mx	.038	5
55	MP4A	X	38.254	2
56	MP4A	Z	-66.258	2
57	MP4A	Mx	.025	2
58	MP4A	X	38.254	5
59	MP4A	Z	-66.258	5
60	MP4A	Mx	.025	5
61	MP4B	X	19.954	2
62	MP4B	Z	-34.562	2
63	MP4B	Mx	.024	2
64	MP4B	X	19.954	5
65	MP4B	Z	-34.562	5
66	MP4B	Mx	.024	5
67	MP4C	X	41.635	2
68	MP4C	Z	-72.115	2
69	MP4C	Mx	-.066	2
70	MP4C	X	41.635	5
71	MP4C	Z	-72.115	5
72	MP4C	Mx	-.066	5
73	MP2B	X	69.421	1
74	MP2B	Z	-120.242	1
75	MP2B	Mx	.069	1
76	MP2B	X	69.421	5
77	MP2B	Z	-120.242	5
78	MP2B	Mx	.069	5
79	MP5B	X	69.421	2
80	MP5B	Z	-120.242	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP5B	Mx	.069	2
82	MP5B	X	69.421	5
83	MP5B	Z	-120.242	5
84	MP5B	Mx	.069	5
85	MP1A	X	43.756	1
86	MP1A	Z	-75.787	1
87	MP1A	Mx	-.022	1
88	MP1A	X	43.756	5
89	MP1A	Z	-75.787	5
90	MP1A	Mx	-.022	5
91	MP1C	X	39.127	1
92	MP1C	Z	-67.769	1
93	MP1C	Mx	-.013	1
94	MP1C	X	39.127	5
95	MP1C	Z	-67.769	5
96	MP1C	Mx	-.013	5
97	MP5A	X	43.756	2
98	MP5A	Z	-75.787	2
99	MP5A	Mx	-.022	2
100	MP5A	X	43.756	5
101	MP5A	Z	-75.787	5
102	MP5A	Mx	-.022	5
103	MP5C	X	39.127	2
104	MP5C	Z	-67.769	2
105	MP5C	Mx	-.013	2
106	MP5C	X	39.127	5
107	MP5C	Z	-67.769	5
108	MP5C	Mx	-.013	5
109	M134	X	48.252	1
110	M134	Z	-83.576	1
111	M134	Mx	0	1
112	MP3A	X	12.837	4
113	MP3A	Z	-22.234	4
114	MP3A	Mx	.003	4
115	MP3A	X	12.837	4
116	MP3A	Z	-22.234	4
117	MP3A	Mx	-.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	33.821	1
2	MP1B	Z	-19.527	1
3	MP1B	Mx	.015	1
4	MP1B	X	33.821	4
5	MP1B	Z	-19.527	4
6	MP1B	Mx	.015	4
7	MP2A	X	27.94	1
8	MP2A	Z	-16.131	1
9	MP2A	Mx	-.014	1
10	MP2A	X	27.94	4
11	MP2A	Z	-16.131	4
12	MP2A	Mx	-.014	4
13	MP2C	X	53.883	1
14	MP2C	Z	-31.109	1
15	MP2C	Mx	.005	1
16	MP2C	X	53.883	4
17	MP2C	Z	-31.109	4
18	MP2C	Mx	.005	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP4A	X	32.743	.5
20	MP4A	Z	-18.904	.5
21	MP4A	Mx	.016	.5
22	MP4B	X	35.077	.5
23	MP4B	Z	-20.252	.5
24	MP4B	Mx	-.016	.5
25	MP4C	X	43.039	.5
26	MP4C	Z	-24.849	.5
27	MP4C	Mx	-.004	.5
28	MP5A	X	30.64	.5
29	MP5A	Z	-17.69	.5
30	MP5A	Mx	.015	.5
31	MP5B	X	33.431	.5
32	MP5B	Z	-19.302	.5
33	MP5B	Mx	-.015	.5
34	MP5C	X	42.955	.5
35	MP5C	Z	-24.8	.5
36	MP5C	Mx	-.004	.5
37	MP4A	X	44.242	2
38	MP4A	Z	-25.543	2
39	MP4A	Mx	-.039	2
40	MP4A	X	44.242	5
41	MP4A	Z	-25.543	5
42	MP4A	Mx	-.039	5
43	MP4B	X	51.427	2
44	MP4B	Z	-29.691	2
45	MP4B	Mx	-.003	2
46	MP4B	X	51.427	5
47	MP4B	Z	-29.691	5
48	MP4B	Mx	-.003	5
49	MP4C	X	75.938	2
50	MP4C	Z	-43.843	2
51	MP4C	Mx	.065	2
52	MP4C	X	75.938	5
53	MP4C	Z	-43.843	5
54	MP4C	Mx	.065	5
55	MP4A	X	44.242	2
56	MP4A	Z	-25.543	2
57	MP4A	Mx	-.005	2
58	MP4A	X	44.242	5
59	MP4A	Z	-25.543	5
60	MP4A	Mx	-.005	5
61	MP4B	X	51.427	2
62	MP4B	Z	-29.691	2
63	MP4B	Mx	.048	2
64	MP4B	X	51.427	5
65	MP4B	Z	-29.691	5
66	MP4B	Mx	.048	5
67	MP4C	X	75.938	2
68	MP4C	Z	-43.843	2
69	MP4C	Mx	-.05	2
70	MP4C	X	75.938	5
71	MP4C	Z	-43.843	5
72	MP4C	Mx	-.05	5
73	MP2B	X	123.836	1
74	MP2B	Z	-71.497	1
75	MP2B	Mx	.062	1
76	MP2B	X	123.836	5
77	MP2B	Z	-71.497	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP2B	Mx	.062	5
79	MP5B	X	123.836	2
80	MP5B	Z	-71.497	2
81	MP5B	Mx	.062	2
82	MP5B	X	123.836	5
83	MP5B	Z	-71.497	5
84	MP5B	Mx	.062	5
85	MP1A	X	105.925	1
86	MP1A	Z	-61.156	1
87	MP1A	Mx	-.053	1
88	MP1A	X	105.925	5
89	MP1A	Z	-61.156	5
90	MP1A	Mx	-.053	5
91	MP1C	X	62.536	1
92	MP1C	Z	-36.105	1
93	MP1C	Mx	.006	1
94	MP1C	X	62.536	5
95	MP1C	Z	-36.105	5
96	MP1C	Mx	.006	5
97	MP5A	X	105.925	2
98	MP5A	Z	-61.156	2
99	MP5A	Mx	-.053	2
100	MP5A	X	105.925	5
101	MP5A	Z	-61.156	5
102	MP5A	Mx	-.053	5
103	MP5C	X	62.536	2
104	MP5C	Z	-36.105	2
105	MP5C	Mx	.006	2
106	MP5C	X	62.536	5
107	MP5C	Z	-36.105	5
108	MP5C	Mx	.006	5
109	M134	X	72.918	1
110	M134	Z	-42.099	1
111	M134	Mx	0	1
112	MP3A	X	12.855	4
113	MP3A	Z	-7.422	4
114	MP3A	Mx	.003	4
115	MP3A	X	12.855	4
116	MP3A	Z	-7.422	4
117	MP3A	Mx	-.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	58.605	1
2	MP1B	Z	0	1
3	MP1B	Mx	.01	1
4	MP1B	X	58.605	4
5	MP1B	Z	0	4
6	MP1B	Mx	.01	4
7	MP2A	X	21.859	1
8	MP2A	Z	0	1
9	MP2A	Mx	-.011	1
10	MP2A	X	21.859	4
11	MP2A	Z	0	4
12	MP2A	Mx	-.011	4
13	MP2C	X	46.279	1
14	MP2C	Z	0	1
15	MP2C	Mx	.015	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP2C	X	46.279	4
17	MP2C	Z	0	4
18	MP2C	Mx	.015	4
19	MP4A	X	33.68	.5
20	MP4A	Z	0	.5
21	MP4A	Mx	.017	.5
22	MP4B	X	48.263	.5
23	MP4B	Z	0	.5
24	MP4B	Mx	-.008	.5
25	MP4C	X	43.371	.5
26	MP4C	Z	0	.5
27	MP4C	Mx	-.014	.5
28	MP5A	X	30.441	.5
29	MP5A	Z	0	.5
30	MP5A	Mx	.015	.5
31	MP5B	X	47.885	.5
32	MP5B	Z	0	.5
33	MP5B	Mx	-.008	.5
34	MP5C	X	42.033	.5
35	MP5C	Z	0	.5
36	MP5C	Mx	-.014	.5
37	MP4A	X	38.375	2
38	MP4A	Z	0	2
39	MP4A	Mx	-.019	2
40	MP4A	X	38.375	5
41	MP4A	Z	0	5
42	MP4A	Mx	-.019	5
43	MP4B	X	83.271	2
44	MP4B	Z	0	2
45	MP4B	Mx	-.038	2
46	MP4B	X	83.271	5
47	MP4B	Z	0	5
48	MP4B	Mx	-.038	5
49	MP4C	X	68.211	2
50	MP4C	Z	0	2
51	MP4C	Mx	.057	2
52	MP4C	X	68.211	5
53	MP4C	Z	0	5
54	MP4C	Mx	.057	5
55	MP4A	X	38.375	2
56	MP4A	Z	0	2
57	MP4A	Mx	-.019	2
58	MP4A	X	38.375	5
59	MP4A	Z	0	5
60	MP4A	Mx	-.019	5
61	MP4B	X	83.271	2
62	MP4B	Z	0	2
63	MP4B	Mx	.066	2
64	MP4B	X	83.271	5
65	MP4B	Z	0	5
66	MP4B	Mx	.066	5
67	MP4C	X	68.211	2
68	MP4C	Z	0	2
69	MP4C	Mx	-.013	2
70	MP4C	X	68.211	5
71	MP4C	Z	0	5
72	MP4C	Mx	-.013	5
73	MP2B	X	151.294	1
74	MP2B	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2B	Mx	.038	1
76	MP2B	X	151.294	5
77	MP2B	Z	0	5
78	MP2B	Mx	.038	5
79	MP5B	X	151.294	2
80	MP5B	Z	0	2
81	MP5B	Mx	.038	2
82	MP5B	X	151.294	5
83	MP5B	Z	0	5
84	MP5B	Mx	.038	5
85	MP1A	X	139.711	1
86	MP1A	Z	0	1
87	MP1A	Mx	-.07	1
88	MP1A	X	139.711	5
89	MP1A	Z	0	5
90	MP1A	Mx	-.07	5
91	MP1C	X	98.869	1
92	MP1C	Z	0	1
93	MP1C	Mx	.032	1
94	MP1C	X	98.869	5
95	MP1C	Z	0	5
96	MP1C	Mx	.032	5
97	MP5A	X	139.711	2
98	MP5A	Z	0	2
99	MP5A	Mx	-.07	2
100	MP5A	X	139.711	5
101	MP5A	Z	0	5
102	MP5A	Mx	-.07	5
103	MP5C	X	98.869	2
104	MP5C	Z	0	2
105	MP5C	Mx	.032	2
106	MP5C	X	98.869	5
107	MP5C	Z	0	5
108	MP5C	Mx	.032	5
109	M134	X	78.046	1
110	M134	Z	0	1
111	M134	Mx	0	1
112	MP3A	X	9.429	4
113	MP3A	Z	0	4
114	MP3A	Mx	.002	4
115	MP3A	X	9.429	4
116	MP3A	Z	0	4
117	MP3A	Mx	-.002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	53.883	1
2	MP1B	Z	31.109	1
3	MP1B	Mx	-.005	1
4	MP1B	X	53.883	4
5	MP1B	Z	31.109	4
6	MP1B	Mx	-.005	4
7	MP2A	X	27.94	1
8	MP2A	Z	16.131	1
9	MP2A	Mx	-.014	1
10	MP2A	X	27.94	4
11	MP2A	Z	16.131	4
12	MP2A	Mx	-.014	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2C	X	23.146	1
14	MP2C	Z	13.364	1
15	MP2C	Mx	.013	1
16	MP2C	X	23.146	4
17	MP2C	Z	13.364	4
18	MP2C	Mx	.013	4
19	MP4A	X	32.743	.5
20	MP4A	Z	18.904	.5
21	MP4A	Mx	.016	.5
22	MP4B	X	43.039	.5
23	MP4B	Z	24.849	.5
24	MP4B	Mx	.004	.5
25	MP4C	X	30.84	.5
26	MP4C	Z	17.806	.5
27	MP4C	Mx	-.017	.5
28	MP5A	X	30.64	.5
29	MP5A	Z	17.69	.5
30	MP5A	Mx	.015	.5
31	MP5B	X	42.955	.5
32	MP5B	Z	24.8	.5
33	MP5B	Mx	.004	.5
34	MP5C	X	28.364	.5
35	MP5C	Z	16.376	.5
36	MP5C	Mx	-.015	.5
37	MP4A	X	44.242	2
38	MP4A	Z	25.543	2
39	MP4A	Mx	-.005	2
40	MP4A	X	44.242	5
41	MP4A	Z	25.543	5
42	MP4A	Mx	-.005	5
43	MP4B	X	75.938	2
44	MP4B	Z	43.843	2
45	MP4B	Mx	-.065	2
46	MP4B	X	75.938	5
47	MP4B	Z	43.843	5
48	MP4B	Mx	-.065	5
49	MP4C	X	38.385	2
50	MP4C	Z	22.161	2
51	MP4C	Mx	.031	2
52	MP4C	X	38.385	5
53	MP4C	Z	22.161	5
54	MP4C	Mx	.031	5
55	MP4A	X	44.242	2
56	MP4A	Z	25.543	2
57	MP4A	Mx	-.039	2
58	MP4A	X	44.242	5
59	MP4A	Z	25.543	5
60	MP4A	Mx	-.039	5
61	MP4B	X	75.938	2
62	MP4B	Z	43.843	2
63	MP4B	Mx	.05	2
64	MP4B	X	75.938	5
65	MP4B	Z	43.843	5
66	MP4B	Mx	.05	5
67	MP4C	X	38.385	2
68	MP4C	Z	22.161	2
69	MP4C	Mx	.011	2
70	MP4C	X	38.385	5
71	MP4C	Z	22.161	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP4C	Mx	.011	5
73	MP2B	X	134.618	1
74	MP2B	Z	77.722	1
75	MP2B	Mx	0	1
76	MP2B	X	134.618	5
77	MP2B	Z	77.722	5
78	MP2B	Mx	0	5
79	MP5B	X	134.618	2
80	MP5B	Z	77.722	2
81	MP5B	Mx	0	2
82	MP5B	X	134.618	5
83	MP5B	Z	77.722	5
84	MP5B	Mx	0	5
85	MP1A	X	105.925	1
86	MP1A	Z	61.156	1
87	MP1A	Mx	-.053	1
88	MP1A	X	105.925	5
89	MP1A	Z	61.156	5
90	MP1A	Mx	-.053	5
91	MP1C	X	113.943	1
92	MP1C	Z	65.785	1
93	MP1C	Mx	.062	1
94	MP1C	X	113.943	5
95	MP1C	Z	65.785	5
96	MP1C	Mx	.062	5
97	MP5A	X	105.925	2
98	MP5A	Z	61.156	2
99	MP5A	Mx	-.053	2
100	MP5A	X	105.925	5
101	MP5A	Z	61.156	5
102	MP5A	Mx	-.053	5
103	MP5C	X	113.943	2
104	MP5C	Z	65.785	2
105	MP5C	Mx	.062	2
106	MP5C	X	113.943	5
107	MP5C	Z	65.785	5
108	MP5C	Mx	.062	5
109	M134	X	72.918	1
110	M134	Z	42.099	1
111	M134	Mx	0	1
112	MP3A	X	12.855	4
113	MP3A	Z	7.422	4
114	MP3A	Mx	.003	4
115	MP3A	X	12.855	4
116	MP3A	Z	7.422	4
117	MP3A	Mx	-.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	23.14	1
2	MP1B	Z	40.079	1
3	MP1B	Mx	-.015	1
4	MP1B	X	23.14	4
5	MP1B	Z	40.079	4
6	MP1B	Mx	-.015	4
7	MP2A	X	26.535	1
8	MP2A	Z	45.96	1
9	MP2A	Mx	-.013	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP2A	X	26.535	4
11	MP2A	Z	45.96	4
12	MP2A	Mx	-.013	4
13	MP2C	X	11.557	1
14	MP2C	Z	20.017	1
15	MP2C	Mx	.011	1
16	MP2C	X	11.557	4
17	MP2C	Z	20.017	4
18	MP2C	Mx	.011	4
19	MP4A	X	23.033	.5
20	MP4A	Z	39.895	.5
21	MP4A	Mx	.012	.5
22	MP4B	X	21.686	.5
23	MP4B	Z	37.561	.5
24	MP4B	Mx	.014	.5
25	MP4C	X	17.089	.5
26	MP4C	Z	29.599	.5
27	MP4C	Mx	-.017	.5
28	MP5A	X	22.628	.5
29	MP5A	Z	39.194	.5
30	MP5A	Mx	.011	.5
31	MP5B	X	21.017	.5
32	MP5B	Z	36.402	.5
33	MP5B	Mx	.014	.5
34	MP5C	X	15.518	.5
35	MP5C	Z	26.879	.5
36	MP5C	Mx	-.015	.5
37	MP4A	X	38.254	2
38	MP4A	Z	66.258	2
39	MP4A	Mx	.025	2
40	MP4A	X	38.254	5
41	MP4A	Z	66.258	5
42	MP4A	Mx	.025	5
43	MP4B	X	34.106	2
44	MP4B	Z	59.073	2
45	MP4B	Mx	-.057	2
46	MP4B	X	34.106	5
47	MP4B	Z	59.073	5
48	MP4B	Mx	-.057	5
49	MP4C	X	19.954	2
50	MP4C	Z	34.562	2
51	MP4C	Mx	.015	2
52	MP4C	X	19.954	5
53	MP4C	Z	34.562	5
54	MP4C	Mx	.015	5
55	MP4A	X	38.254	2
56	MP4A	Z	66.258	2
57	MP4A	Mx	-.063	2
58	MP4A	X	38.254	5
59	MP4A	Z	66.258	5
60	MP4A	Mx	-.063	5
61	MP4B	X	34.106	2
62	MP4B	Z	59.073	2
63	MP4B	Mx	.013	2
64	MP4B	X	34.106	5
65	MP4B	Z	59.073	5
66	MP4B	Mx	.013	5
67	MP4C	X	19.954	2
68	MP4C	Z	34.562	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP4C	Mx	.024	2
70	MP4C	X	19.954	5
71	MP4C	Z	34.562	5
72	MP4C	Mx	.024	5
73	MP2B	X	75.647	1
74	MP2B	Z	131.024	1
75	MP2B	Mx	-.038	1
76	MP2B	X	75.647	5
77	MP2B	Z	131.024	5
78	MP2B	Mx	-.038	5
79	MP5B	X	75.647	2
80	MP5B	Z	131.024	2
81	MP5B	Mx	-.038	2
82	MP5B	X	75.647	5
83	MP5B	Z	131.024	5
84	MP5B	Mx	-.038	5
85	MP1A	X	43.756	1
86	MP1A	Z	75.787	1
87	MP1A	Mx	-.022	1
88	MP1A	X	43.756	5
89	MP1A	Z	75.787	5
90	MP1A	Mx	-.022	5
91	MP1C	X	68.806	1
92	MP1C	Z	119.176	1
93	MP1C	Mx	.068	1
94	MP1C	X	68.806	5
95	MP1C	Z	119.176	5
96	MP1C	Mx	.068	5
97	MP5A	X	43.756	2
98	MP5A	Z	75.787	2
99	MP5A	Mx	-.022	2
100	MP5A	X	43.756	5
101	MP5A	Z	75.787	5
102	MP5A	Mx	-.022	5
103	MP5C	X	68.806	2
104	MP5C	Z	119.176	2
105	MP5C	Mx	.068	2
106	MP5C	X	68.806	5
107	MP5C	Z	119.176	5
108	MP5C	Mx	.068	5
109	M134	X	48.252	1
110	M134	Z	83.576	1
111	M134	Mx	0	1
112	MP3A	X	12.837	4
113	MP3A	Z	22.234	4
114	MP3A	Mx	.003	4
115	MP3A	X	12.837	4
116	MP3A	Z	22.234	4
117	MP3A	Mx	-.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	0	1
2	MP1B	Z	26.727	1
3	MP1B	Mx	-.013	1
4	MP1B	X	0	4
5	MP1B	Z	26.727	4
6	MP1B	Mx	-.013	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP2A	X	0	1
8	MP2A	Z	63.473	1
9	MP2A	Mx	0	1
10	MP2A	X	0	4
11	MP2A	Z	63.473	4
12	MP2A	Mx	0	4
13	MP2C	X	0	1
14	MP2C	Z	39.053	1
15	MP2C	Mx	.015	1
16	MP2C	X	0	4
17	MP2C	Z	39.053	4
18	MP2C	Mx	.015	4
19	MP4A	X	0	.5
20	MP4A	Z	50.195	.5
21	MP4A	Mx	0	.5
22	MP4B	X	0	.5
23	MP4B	Z	35.612	.5
24	MP4B	Mx	.017	.5
25	MP4C	X	0	.5
26	MP4C	Z	40.504	.5
27	MP4C	Mx	-.016	.5
28	MP5A	X	0	.5
29	MP5A	Z	50.195	.5
30	MP5A	Mx	0	.5
31	MP5B	X	0	.5
32	MP5B	Z	32.752	.5
33	MP5B	Mx	.015	.5
34	MP5C	X	0	.5
35	MP5C	Z	38.603	.5
36	MP5C	Mx	-.015	.5
37	MP4A	X	0	2
38	MP4A	Z	89.218	2
39	MP4A	Mx	.059	2
40	MP4A	X	0	5
41	MP4A	Z	89.218	5
42	MP4A	Mx	.059	5
43	MP4B	X	0	2
44	MP4B	Z	44.323	2
45	MP4B	Mx	-.031	2
46	MP4B	X	0	5
47	MP4B	Z	44.323	5
48	MP4B	Mx	-.031	5
49	MP4C	X	0	2
50	MP4C	Z	59.382	2
51	MP4C	Mx	-.003	2
52	MP4C	X	0	5
53	MP4C	Z	59.382	5
54	MP4C	Mx	-.003	5
55	MP4A	X	0	2
56	MP4A	Z	89.218	2
57	MP4A	Mx	-.059	2
58	MP4A	X	0	5
59	MP4A	Z	89.218	5
60	MP4A	Mx	-.059	5
61	MP4B	X	0	2
62	MP4B	Z	44.323	2
63	MP4B	Mx	-.011	2
64	MP4B	X	0	5
65	MP4B	Z	44.323	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP4B	Mx	-.011	5
67	MP4C	X	0	2
68	MP4C	Z	59.382	2
69	MP4C	Mx	.048	2
70	MP4C	X	0	5
71	MP4C	Z	59.382	5
72	MP4C	Mx	.048	5
73	MP2B	X	0	1
74	MP2B	Z	142.993	1
75	MP2B	Mx	-.062	1
76	MP2B	X	0	5
77	MP2B	Z	142.993	5
78	MP2B	Mx	-.062	5
79	MP5B	X	0	2
80	MP5B	Z	142.993	2
81	MP5B	Mx	-.062	2
82	MP5B	X	0	5
83	MP5B	Z	142.993	5
84	MP5B	Mx	-.062	5
85	MP1A	X	0	1
86	MP1A	Z	70.112	1
87	MP1A	Mx	0	1
88	MP1A	X	0	5
89	MP1A	Z	70.112	5
90	MP1A	Mx	0	5
91	MP1C	X	0	1
92	MP1C	Z	110.954	1
93	MP1C	Mx	.042	1
94	MP1C	X	0	5
95	MP1C	Z	110.954	5
96	MP1C	Mx	.042	5
97	MP5A	X	0	2
98	MP5A	Z	70.112	2
99	MP5A	Mx	0	2
100	MP5A	X	0	5
101	MP5A	Z	70.112	5
102	MP5A	Mx	0	5
103	MP5C	X	0	2
104	MP5C	Z	110.954	2
105	MP5C	Mx	.042	2
106	MP5C	X	0	5
107	MP5C	Z	110.954	5
108	MP5C	Mx	.042	5
109	M134	X	0	1
110	M134	Z	102.658	1
111	M134	Mx	0	1
112	MP3A	X	0	4
113	MP3A	Z	31.089	4
114	MP3A	Mx	0	4
115	MP3A	X	0	4
116	MP3A	Z	31.089	4
117	MP3A	Mx	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-11.557	1
2	MP1B	Z	20.017	1
3	MP1B	Mx	-.011	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP1B	X	-11.557	4
5	MP1B	Z	20.017	4
6	MP1B	Mx	-.011	4
7	MP2A	X	-26.535	1
8	MP2A	Z	45.96	1
9	MP2A	Mx	.013	1
10	MP2A	X	-26.535	4
11	MP2A	Z	45.96	4
12	MP2A	Mx	.013	4
13	MP2C	X	-29.303	1
14	MP2C	Z	50.754	1
15	MP2C	Mx	.01	1
16	MP2C	X	-29.303	4
17	MP2C	Z	50.754	4
18	MP2C	Mx	.01	4
19	MP4A	X	-23.033	.5
20	MP4A	Z	39.895	.5
21	MP4A	Mx	-.012	.5
22	MP4B	X	-17.089	.5
23	MP4B	Z	29.599	.5
24	MP4B	Mx	.017	.5
25	MP4C	X	-24.132	.5
26	MP4C	Z	41.797	.5
27	MP4C	Mx	-.008	.5
28	MP5A	X	-22.628	.5
29	MP5A	Z	39.194	.5
30	MP5A	Mx	-.011	.5
31	MP5B	X	-15.518	.5
32	MP5B	Z	26.879	.5
33	MP5B	Mx	.015	.5
34	MP5C	X	-23.942	.5
35	MP5C	Z	41.469	.5
36	MP5C	Mx	-.008	.5
37	MP4A	X	-38.254	2
38	MP4A	Z	66.258	2
39	MP4A	Mx	.063	2
40	MP4A	X	-38.254	5
41	MP4A	Z	66.258	5
42	MP4A	Mx	.063	5
43	MP4B	X	-19.954	2
44	MP4B	Z	34.562	2
45	MP4B	Mx	-.015	2
46	MP4B	X	-19.954	5
47	MP4B	Z	34.562	5
48	MP4B	Mx	-.015	5
49	MP4C	X	-41.635	2
50	MP4C	Z	72.115	2
51	MP4C	Mx	-.038	2
52	MP4C	X	-41.635	5
53	MP4C	Z	72.115	5
54	MP4C	Mx	-.038	5
55	MP4A	X	-38.254	2
56	MP4A	Z	66.258	2
57	MP4A	Mx	-.025	2
58	MP4A	X	-38.254	5
59	MP4A	Z	66.258	5
60	MP4A	Mx	-.025	5
61	MP4B	X	-19.954	2
62	MP4B	Z	34.562	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP4B	Mx	-.024	2
64	MP4B	X	-19.954	5
65	MP4B	Z	34.562	5
66	MP4B	Mx	-.024	5
67	MP4C	X	-41.635	2
68	MP4C	Z	72.115	2
69	MP4C	Mx	.066	2
70	MP4C	X	-41.635	5
71	MP4C	Z	72.115	5
72	MP4C	Mx	.066	5
73	MP2B	X	-69.421	1
74	MP2B	Z	120.242	1
75	MP2B	Mx	-.069	1
76	MP2B	X	-69.421	5
77	MP2B	Z	120.242	5
78	MP2B	Mx	-.069	5
79	MP5B	X	-69.421	2
80	MP5B	Z	120.242	2
81	MP5B	Mx	-.069	2
82	MP5B	X	-69.421	5
83	MP5B	Z	120.242	5
84	MP5B	Mx	-.069	5
85	MP1A	X	-43.756	1
86	MP1A	Z	75.787	1
87	MP1A	Mx	.022	1
88	MP1A	X	-43.756	5
89	MP1A	Z	75.787	5
90	MP1A	Mx	.022	5
91	MP1C	X	-39.127	1
92	MP1C	Z	67.769	1
93	MP1C	Mx	.013	1
94	MP1C	X	-39.127	5
95	MP1C	Z	67.769	5
96	MP1C	Mx	.013	5
97	MP5A	X	-43.756	2
98	MP5A	Z	75.787	2
99	MP5A	Mx	.022	2
100	MP5A	X	-43.756	5
101	MP5A	Z	75.787	5
102	MP5A	Mx	.022	5
103	MP5C	X	-39.127	2
104	MP5C	Z	67.769	2
105	MP5C	Mx	.013	2
106	MP5C	X	-39.127	5
107	MP5C	Z	67.769	5
108	MP5C	Mx	.013	5
109	M134	X	-48.252	1
110	M134	Z	83.576	1
111	M134	Mx	0	1
112	MP3A	X	-12.837	4
113	MP3A	Z	22.234	4
114	MP3A	Mx	-.003	4
115	MP3A	X	-12.837	4
116	MP3A	Z	22.234	4
117	MP3A	Mx	.003	4

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-33.821	1
2	MP1B	Z	19.527	1
3	MP1B	Mx	-.015	1
4	MP1B	X	-33.821	4
5	MP1B	Z	19.527	4
6	MP1B	Mx	-.015	4
7	MP2A	X	-27.94	1
8	MP2A	Z	16.131	1
9	MP2A	Mx	.014	1
10	MP2A	X	-27.94	4
11	MP2A	Z	16.131	4
12	MP2A	Mx	.014	4
13	MP2C	X	-53.883	1
14	MP2C	Z	31.109	1
15	MP2C	Mx	-.005	1
16	MP2C	X	-53.883	4
17	MP2C	Z	31.109	4
18	MP2C	Mx	-.005	4
19	MP4A	X	-32.743	.5
20	MP4A	Z	18.904	.5
21	MP4A	Mx	-.016	.5
22	MP4B	X	-35.077	.5
23	MP4B	Z	20.252	.5
24	MP4B	Mx	.016	.5
25	MP4C	X	-43.039	.5
26	MP4C	Z	24.849	.5
27	MP4C	Mx	.004	.5
28	MP5A	X	-30.64	.5
29	MP5A	Z	17.69	.5
30	MP5A	Mx	-.015	.5
31	MP5B	X	-33.431	.5
32	MP5B	Z	19.302	.5
33	MP5B	Mx	.015	.5
34	MP5C	X	-42.955	.5
35	MP5C	Z	24.8	.5
36	MP5C	Mx	.004	.5
37	MP4A	X	-44.242	2
38	MP4A	Z	25.543	2
39	MP4A	Mx	.039	2
40	MP4A	X	-44.242	5
41	MP4A	Z	25.543	5
42	MP4A	Mx	.039	5
43	MP4B	X	-51.427	2
44	MP4B	Z	29.691	2
45	MP4B	Mx	.003	2
46	MP4B	X	-51.427	5
47	MP4B	Z	29.691	5
48	MP4B	Mx	.003	5
49	MP4C	X	-75.938	2
50	MP4C	Z	43.843	2
51	MP4C	Mx	-.065	2
52	MP4C	X	-75.938	5
53	MP4C	Z	43.843	5
54	MP4C	Mx	-.065	5
55	MP4A	X	-44.242	2
56	MP4A	Z	25.543	2
57	MP4A	Mx	.005	2
58	MP4A	X	-44.242	5
59	MP4A	Z	25.543	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	.005	5
61	MP4B	X	-51.427	2
62	MP4B	Z	29.691	2
63	MP4B	Mx	-.048	2
64	MP4B	X	-51.427	5
65	MP4B	Z	29.691	5
66	MP4B	Mx	-.048	5
67	MP4C	X	-75.938	2
68	MP4C	Z	43.843	2
69	MP4C	Mx	.05	2
70	MP4C	X	-75.938	5
71	MP4C	Z	43.843	5
72	MP4C	Mx	.05	5
73	MP2B	X	-123.836	1
74	MP2B	Z	71.497	1
75	MP2B	Mx	-.062	1
76	MP2B	X	-123.836	5
77	MP2B	Z	71.497	5
78	MP2B	Mx	-.062	5
79	MP5B	X	-123.836	2
80	MP5B	Z	71.497	2
81	MP5B	Mx	-.062	2
82	MP5B	X	-123.836	5
83	MP5B	Z	71.497	5
84	MP5B	Mx	-.062	5
85	MP1A	X	-105.925	1
86	MP1A	Z	61.156	1
87	MP1A	Mx	.053	1
88	MP1A	X	-105.925	5
89	MP1A	Z	61.156	5
90	MP1A	Mx	.053	5
91	MP1C	X	-62.536	1
92	MP1C	Z	36.105	1
93	MP1C	Mx	-.006	1
94	MP1C	X	-62.536	5
95	MP1C	Z	36.105	5
96	MP1C	Mx	-.006	5
97	MP5A	X	-105.925	2
98	MP5A	Z	61.156	2
99	MP5A	Mx	.053	2
100	MP5A	X	-105.925	5
101	MP5A	Z	61.156	5
102	MP5A	Mx	.053	5
103	MP5C	X	-62.536	2
104	MP5C	Z	36.105	2
105	MP5C	Mx	-.006	2
106	MP5C	X	-62.536	5
107	MP5C	Z	36.105	5
108	MP5C	Mx	-.006	5
109	M134	X	-72.918	1
110	M134	Z	42.099	1
111	M134	Mx	0	1
112	MP3A	X	-12.855	4
113	MP3A	Z	7.422	4
114	MP3A	Mx	-.003	4
115	MP3A	X	-12.855	4
116	MP3A	Z	7.422	4
117	MP3A	Mx	.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-58.605	1
2	MP1B	Z	0	1
3	MP1B	Mx	-.01	1
4	MP1B	X	-58.605	4
5	MP1B	Z	0	4
6	MP1B	Mx	-.01	4
7	MP2A	X	-21.859	1
8	MP2A	Z	0	1
9	MP2A	Mx	.011	1
10	MP2A	X	-21.859	4
11	MP2A	Z	0	4
12	MP2A	Mx	.011	4
13	MP2C	X	-46.279	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.015	1
16	MP2C	X	-46.279	4
17	MP2C	Z	0	4
18	MP2C	Mx	-.015	4
19	MP4A	X	-33.68	.5
20	MP4A	Z	0	.5
21	MP4A	Mx	-.017	.5
22	MP4B	X	-48.263	.5
23	MP4B	Z	0	.5
24	MP4B	Mx	.008	.5
25	MP4C	X	-43.371	.5
26	MP4C	Z	0	.5
27	MP4C	Mx	.014	.5
28	MP5A	X	-30.441	.5
29	MP5A	Z	0	.5
30	MP5A	Mx	-.015	.5
31	MP5B	X	-47.885	.5
32	MP5B	Z	0	.5
33	MP5B	Mx	.008	.5
34	MP5C	X	-42.033	.5
35	MP5C	Z	0	.5
36	MP5C	Mx	.014	.5
37	MP4A	X	-38.375	2
38	MP4A	Z	0	2
39	MP4A	Mx	.019	2
40	MP4A	X	-38.375	5
41	MP4A	Z	0	5
42	MP4A	Mx	.019	5
43	MP4B	X	-83.271	2
44	MP4B	Z	0	2
45	MP4B	Mx	.038	2
46	MP4B	X	-83.271	5
47	MP4B	Z	0	5
48	MP4B	Mx	.038	5
49	MP4C	X	-68.211	2
50	MP4C	Z	0	2
51	MP4C	Mx	-.057	2
52	MP4C	X	-68.211	5
53	MP4C	Z	0	5
54	MP4C	Mx	-.057	5
55	MP4A	X	-38.375	2
56	MP4A	Z	0	2
57	MP4A	Mx	.019	2
58	MP4A	X	-38.375	5
59	MP4A	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	.019	5
61	MP4B	X	-83.271	2
62	MP4B	Z	0	2
63	MP4B	Mx	-.066	2
64	MP4B	X	-83.271	5
65	MP4B	Z	0	5
66	MP4B	Mx	-.066	5
67	MP4C	X	-68.211	2
68	MP4C	Z	0	2
69	MP4C	Mx	.013	2
70	MP4C	X	-68.211	5
71	MP4C	Z	0	5
72	MP4C	Mx	.013	5
73	MP2B	X	-151.294	1
74	MP2B	Z	0	1
75	MP2B	Mx	-.038	1
76	MP2B	X	-151.294	5
77	MP2B	Z	0	5
78	MP2B	Mx	-.038	5
79	MP5B	X	-151.294	2
80	MP5B	Z	0	2
81	MP5B	Mx	-.038	2
82	MP5B	X	-151.294	5
83	MP5B	Z	0	5
84	MP5B	Mx	-.038	5
85	MP1A	X	-139.711	1
86	MP1A	Z	0	1
87	MP1A	Mx	.07	1
88	MP1A	X	-139.711	5
89	MP1A	Z	0	5
90	MP1A	Mx	.07	5
91	MP1C	X	-98.869	1
92	MP1C	Z	0	1
93	MP1C	Mx	-.032	1
94	MP1C	X	-98.869	5
95	MP1C	Z	0	5
96	MP1C	Mx	-.032	5
97	MP5A	X	-139.711	2
98	MP5A	Z	0	2
99	MP5A	Mx	.07	2
100	MP5A	X	-139.711	5
101	MP5A	Z	0	5
102	MP5A	Mx	.07	5
103	MP5C	X	-98.869	2
104	MP5C	Z	0	2
105	MP5C	Mx	-.032	2
106	MP5C	X	-98.869	5
107	MP5C	Z	0	5
108	MP5C	Mx	-.032	5
109	M134	X	-78.046	1
110	M134	Z	0	1
111	M134	Mx	0	1
112	MP3A	X	-9.429	4
113	MP3A	Z	0	4
114	MP3A	Mx	-.002	4
115	MP3A	X	-9.429	4
116	MP3A	Z	0	4
117	MP3A	Mx	.002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-53.883	1
2	MP1B	Z	-31.109	1
3	MP1B	Mx	.005	1
4	MP1B	X	-53.883	4
5	MP1B	Z	-31.109	4
6	MP1B	Mx	.005	4
7	MP2A	X	-27.94	1
8	MP2A	Z	-16.131	1
9	MP2A	Mx	.014	1
10	MP2A	X	-27.94	4
11	MP2A	Z	-16.131	4
12	MP2A	Mx	.014	4
13	MP2C	X	-23.146	1
14	MP2C	Z	-13.364	1
15	MP2C	Mx	-.013	1
16	MP2C	X	-23.146	4
17	MP2C	Z	-13.364	4
18	MP2C	Mx	-.013	4
19	MP4A	X	-32.743	.5
20	MP4A	Z	-18.904	.5
21	MP4A	Mx	-.016	.5
22	MP4B	X	-43.039	.5
23	MP4B	Z	-24.849	.5
24	MP4B	Mx	-.004	.5
25	MP4C	X	-30.84	.5
26	MP4C	Z	-17.806	.5
27	MP4C	Mx	.017	.5
28	MP5A	X	-30.64	.5
29	MP5A	Z	-17.69	.5
30	MP5A	Mx	-.015	.5
31	MP5B	X	-42.955	.5
32	MP5B	Z	-24.8	.5
33	MP5B	Mx	-.004	.5
34	MP5C	X	-28.364	.5
35	MP5C	Z	-16.376	.5
36	MP5C	Mx	.015	.5
37	MP4A	X	-44.242	2
38	MP4A	Z	-25.543	2
39	MP4A	Mx	.005	2
40	MP4A	X	-44.242	5
41	MP4A	Z	-25.543	5
42	MP4A	Mx	.005	5
43	MP4B	X	-75.938	2
44	MP4B	Z	-43.843	2
45	MP4B	Mx	.065	2
46	MP4B	X	-75.938	5
47	MP4B	Z	-43.843	5
48	MP4B	Mx	.065	5
49	MP4C	X	-38.385	2
50	MP4C	Z	-22.161	2
51	MP4C	Mx	-.031	2
52	MP4C	X	-38.385	5
53	MP4C	Z	-22.161	5
54	MP4C	Mx	-.031	5
55	MP4A	X	-44.242	2
56	MP4A	Z	-25.543	2
57	MP4A	Mx	.039	2
58	MP4A	X	-44.242	5
59	MP4A	Z	-25.543	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	.039	5
61	MP4B	X	-75.938	2
62	MP4B	Z	-43.843	2
63	MP4B	Mx	-.05	2
64	MP4B	X	-75.938	5
65	MP4B	Z	-43.843	5
66	MP4B	Mx	-.05	5
67	MP4C	X	-38.385	2
68	MP4C	Z	-22.161	2
69	MP4C	Mx	-.011	2
70	MP4C	X	-38.385	5
71	MP4C	Z	-22.161	5
72	MP4C	Mx	-.011	5
73	MP2B	X	-134.618	1
74	MP2B	Z	-77.722	1
75	MP2B	Mx	0	1
76	MP2B	X	-134.618	5
77	MP2B	Z	-77.722	5
78	MP2B	Mx	0	5
79	MP5B	X	-134.618	2
80	MP5B	Z	-77.722	2
81	MP5B	Mx	0	2
82	MP5B	X	-134.618	5
83	MP5B	Z	-77.722	5
84	MP5B	Mx	0	5
85	MP1A	X	-105.925	1
86	MP1A	Z	-61.156	1
87	MP1A	Mx	.053	1
88	MP1A	X	-105.925	5
89	MP1A	Z	-61.156	5
90	MP1A	Mx	.053	5
91	MP1C	X	-113.943	1
92	MP1C	Z	-65.785	1
93	MP1C	Mx	-.062	1
94	MP1C	X	-113.943	5
95	MP1C	Z	-65.785	5
96	MP1C	Mx	-.062	5
97	MP5A	X	-105.925	2
98	MP5A	Z	-61.156	2
99	MP5A	Mx	.053	2
100	MP5A	X	-105.925	5
101	MP5A	Z	-61.156	5
102	MP5A	Mx	.053	5
103	MP5C	X	-113.943	2
104	MP5C	Z	-65.785	2
105	MP5C	Mx	-.062	2
106	MP5C	X	-113.943	5
107	MP5C	Z	-65.785	5
108	MP5C	Mx	-.062	5
109	M134	X	-72.918	1
110	M134	Z	-42.099	1
111	M134	Mx	0	1
112	MP3A	X	-12.855	4
113	MP3A	Z	-7.422	4
114	MP3A	Mx	-.003	4
115	MP3A	X	-12.855	4
116	MP3A	Z	-7.422	4
117	MP3A	Mx	.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-23.14	1
2	MP1B	Z	-40.079	1
3	MP1B	Mx	.015	1
4	MP1B	X	-23.14	4
5	MP1B	Z	-40.079	4
6	MP1B	Mx	.015	4
7	MP2A	X	-26.535	1
8	MP2A	Z	-45.96	1
9	MP2A	Mx	.013	1
10	MP2A	X	-26.535	4
11	MP2A	Z	-45.96	4
12	MP2A	Mx	.013	4
13	MP2C	X	-11.557	1
14	MP2C	Z	-20.017	1
15	MP2C	Mx	-.011	1
16	MP2C	X	-11.557	4
17	MP2C	Z	-20.017	4
18	MP2C	Mx	-.011	4
19	MP4A	X	-23.033	.5
20	MP4A	Z	-39.895	.5
21	MP4A	Mx	-.012	.5
22	MP4B	X	-21.686	.5
23	MP4B	Z	-37.561	.5
24	MP4B	Mx	-.014	.5
25	MP4C	X	-17.089	.5
26	MP4C	Z	-29.599	.5
27	MP4C	Mx	.017	.5
28	MP5A	X	-22.628	.5
29	MP5A	Z	-39.194	.5
30	MP5A	Mx	-.011	.5
31	MP5B	X	-21.017	.5
32	MP5B	Z	-36.402	.5
33	MP5B	Mx	-.014	.5
34	MP5C	X	-15.518	.5
35	MP5C	Z	-26.879	.5
36	MP5C	Mx	.015	.5
37	MP4A	X	-38.254	2
38	MP4A	Z	-66.258	2
39	MP4A	Mx	-.025	2
40	MP4A	X	-38.254	5
41	MP4A	Z	-66.258	5
42	MP4A	Mx	-.025	5
43	MP4B	X	-34.106	2
44	MP4B	Z	-59.073	2
45	MP4B	Mx	.057	2
46	MP4B	X	-34.106	5
47	MP4B	Z	-59.073	5
48	MP4B	Mx	.057	5
49	MP4C	X	-19.954	2
50	MP4C	Z	-34.562	2
51	MP4C	Mx	-.015	2
52	MP4C	X	-19.954	5
53	MP4C	Z	-34.562	5
54	MP4C	Mx	-.015	5
55	MP4A	X	-38.254	2
56	MP4A	Z	-66.258	2
57	MP4A	Mx	.063	2
58	MP4A	X	-38.254	5
59	MP4A	Z	-66.258	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	.063	5
61	MP4B	X	-34.106	2
62	MP4B	Z	-59.073	2
63	MP4B	Mx	-.013	2
64	MP4B	X	-34.106	5
65	MP4B	Z	-59.073	5
66	MP4B	Mx	-.013	5
67	MP4C	X	-19.954	2
68	MP4C	Z	-34.562	2
69	MP4C	Mx	-.024	2
70	MP4C	X	-19.954	5
71	MP4C	Z	-34.562	5
72	MP4C	Mx	-.024	5
73	MP2B	X	-75.647	1
74	MP2B	Z	-131.024	1
75	MP2B	Mx	.038	1
76	MP2B	X	-75.647	5
77	MP2B	Z	-131.024	5
78	MP2B	Mx	.038	5
79	MP5B	X	-75.647	2
80	MP5B	Z	-131.024	2
81	MP5B	Mx	.038	2
82	MP5B	X	-75.647	5
83	MP5B	Z	-131.024	5
84	MP5B	Mx	.038	5
85	MP1A	X	-43.756	1
86	MP1A	Z	-75.787	1
87	MP1A	Mx	.022	1
88	MP1A	X	-43.756	5
89	MP1A	Z	-75.787	5
90	MP1A	Mx	.022	5
91	MP1C	X	-68.806	1
92	MP1C	Z	-119.176	1
93	MP1C	Mx	-.068	1
94	MP1C	X	-68.806	5
95	MP1C	Z	-119.176	5
96	MP1C	Mx	-.068	5
97	MP5A	X	-43.756	2
98	MP5A	Z	-75.787	2
99	MP5A	Mx	.022	2
100	MP5A	X	-43.756	5
101	MP5A	Z	-75.787	5
102	MP5A	Mx	.022	5
103	MP5C	X	-68.806	2
104	MP5C	Z	-119.176	2
105	MP5C	Mx	-.068	2
106	MP5C	X	-68.806	5
107	MP5C	Z	-119.176	5
108	MP5C	Mx	-.068	5
109	M134	X	-48.252	1
110	M134	Z	-83.576	1
111	M134	Mx	0	1
112	MP3A	X	-12.837	4
113	MP3A	Z	-22.234	4
114	MP3A	Mx	-.003	4
115	MP3A	X	-12.837	4
116	MP3A	Z	-22.234	4
117	MP3A	Mx	.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	0	1
2	MP1B	Z	-8.038	1
3	MP1B	Mx	.004	1
4	MP1B	X	0	4
5	MP1B	Z	-8.038	4
6	MP1B	Mx	.004	4
7	MP2A	X	0	1
8	MP2A	Z	-15.8	1
9	MP2A	Mx	0	1
10	MP2A	X	0	4
11	MP2A	Z	-15.8	4
12	MP2A	Mx	0	4
13	MP2C	X	0	1
14	MP2C	Z	-10.642	1
15	MP2C	Mx	-.004	1
16	MP2C	X	0	4
17	MP2C	Z	-10.642	4
18	MP2C	Mx	-.004	4
19	MP4A	X	0	.5
20	MP4A	Z	-13.677	.5
21	MP4A	Mx	0	.5
22	MP4B	X	0	.5
23	MP4B	Z	-10.16	.5
24	MP4B	Mx	-.005	.5
25	MP4C	X	0	.5
26	MP4C	Z	-11.34	.5
27	MP4C	Mx	.004	.5
28	MP5A	X	0	.5
29	MP5A	Z	-8.977	.5
30	MP5A	Mx	0	.5
31	MP5B	X	0	.5
32	MP5B	Z	-13.127	.5
33	MP5B	Mx	-.006	.5
34	MP5C	X	0	.5
35	MP5C	Z	-11.735	.5
36	MP5C	Mx	.004	.5
37	MP4A	X	0	2
38	MP4A	Z	-26.527	2
39	MP4A	Mx	-.018	2
40	MP4A	X	0	5
41	MP4A	Z	-26.527	5
42	MP4A	Mx	-.018	5
43	MP4B	X	0	2
44	MP4B	Z	-19.566	2
45	MP4B	Mx	.014	2
46	MP4B	X	0	5
47	MP4B	Z	-19.566	5
48	MP4B	Mx	.014	5
49	MP4C	X	0	2
50	MP4C	Z	-21.901	2
51	MP4C	Mx	.000997	2
52	MP4C	X	0	5
53	MP4C	Z	-21.901	5
54	MP4C	Mx	.000997	5
55	MP4A	X	0	2
56	MP4A	Z	-26.527	2
57	MP4A	Mx	.018	2
58	MP4A	X	0	5
59	MP4A	Z	-26.527	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	.018	5
61	MP4B	X	0	2
62	MP4B	Z	-19.566	2
63	MP4B	Mx	.005	2
64	MP4B	X	0	5
65	MP4B	Z	-19.566	5
66	MP4B	Mx	.005	5
67	MP4C	X	0	2
68	MP4C	Z	-21.901	2
69	MP4C	Mx	-.018	2
70	MP4C	X	0	5
71	MP4C	Z	-21.901	5
72	MP4C	Mx	-.018	5
73	MP2B	X	0	1
74	MP2B	Z	-28.475	1
75	MP2B	Mx	.012	1
76	MP2B	X	0	5
77	MP2B	Z	-28.475	5
78	MP2B	Mx	.012	5
79	MP5B	X	0	2
80	MP5B	Z	-28.475	2
81	MP5B	Mx	.012	2
82	MP5B	X	0	5
83	MP5B	Z	-28.475	5
84	MP5B	Mx	.012	5
85	MP1A	X	0	1
86	MP1A	Z	-15.428	1
87	MP1A	Mx	0	1
88	MP1A	X	0	5
89	MP1A	Z	-15.428	5
90	MP1A	Mx	0	5
91	MP1C	X	0	1
92	MP1C	Z	-22.738	1
93	MP1C	Mx	-.009	1
94	MP1C	X	0	5
95	MP1C	Z	-22.738	5
96	MP1C	Mx	-.009	5
97	MP5A	X	0	2
98	MP5A	Z	-15.428	2
99	MP5A	Mx	0	2
100	MP5A	X	0	5
101	MP5A	Z	-15.428	5
102	MP5A	Mx	0	5
103	MP5C	X	0	2
104	MP5C	Z	-22.738	2
105	MP5C	Mx	-.009	2
106	MP5C	X	0	5
107	MP5C	Z	-22.738	5
108	MP5C	Mx	-.009	5
109	M134	X	0	1
110	M134	Z	-27.441	1
111	M134	Mx	0	1
112	MP3A	X	0	4
113	MP3A	Z	-7.751	4
114	MP3A	Mx	0	4
115	MP3A	X	0	4
116	MP3A	Z	-7.751	4
117	MP3A	Mx	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	3.637	1
2	MP1B	Z	-6.3	1
3	MP1B	Mx	.004	1
4	MP1B	X	3.637	4
5	MP1B	Z	-6.3	4
6	MP1B	Mx	.004	4
7	MP2A	X	6.801	1
8	MP2A	Z	-11.78	1
9	MP2A	Mx	-.003	1
10	MP2A	X	6.801	4
11	MP2A	Z	-11.78	4
12	MP2A	Mx	-.003	4
13	MP2C	X	7.386	1
14	MP2C	Z	-12.793	1
15	MP2C	Mx	-.003	1
16	MP2C	X	7.386	4
17	MP2C	Z	-12.793	4
18	MP2C	Mx	-.003	4
19	MP4A	X	6.341	.5
20	MP4A	Z	-10.982	.5
21	MP4A	Mx	.003	.5
22	MP4B	X	4.907	.5
23	MP4B	Z	-8.499	.5
24	MP4B	Mx	-.005	.5
25	MP4C	X	6.606	.5
26	MP4C	Z	-11.441	.5
27	MP4C	Mx	.002	.5
28	MP5A	X	5.076	.5
29	MP5A	Z	-8.792	.5
30	MP5A	Mx	.003	.5
31	MP5B	X	6.768	.5
32	MP5B	Z	-11.722	.5
33	MP5B	Mx	-.007	.5
34	MP5C	X	4.764	.5
35	MP5C	Z	-8.251	.5
36	MP5C	Mx	.002	.5
37	MP4A	X	12.278	2
38	MP4A	Z	-21.266	2
39	MP4A	Mx	-.02	2
40	MP4A	X	12.278	5
41	MP4A	Z	-21.266	5
42	MP4A	Mx	-.02	5
43	MP4B	X	9.441	2
44	MP4B	Z	-16.352	2
45	MP4B	Mx	.007	2
46	MP4B	X	9.441	5
47	MP4B	Z	-16.352	5
48	MP4B	Mx	.007	5
49	MP4C	X	12.802	2
50	MP4C	Z	-22.175	2
51	MP4C	Mx	.012	2
52	MP4C	X	12.802	5
53	MP4C	Z	-22.175	5
54	MP4C	Mx	.012	5
55	MP4A	X	12.278	2
56	MP4A	Z	-21.266	2
57	MP4A	Mx	.008	2
58	MP4A	X	12.278	5
59	MP4A	Z	-21.266	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	.008	5
61	MP4B	X	9.441	2
62	MP4B	Z	-16.352	2
63	MP4B	Mx	.011	2
64	MP4B	X	9.441	5
65	MP4B	Z	-16.352	5
66	MP4B	Mx	.011	5
67	MP4C	X	12.802	2
68	MP4C	Z	-22.175	2
69	MP4C	Mx	-.02	2
70	MP4C	X	12.802	5
71	MP4C	Z	-22.175	5
72	MP4C	Mx	-.02	5
73	MP2B	X	13.863	1
74	MP2B	Z	-24.012	1
75	MP2B	Mx	.014	1
76	MP2B	X	13.863	5
77	MP2B	Z	-24.012	5
78	MP2B	Mx	.014	5
79	MP5B	X	13.863	2
80	MP5B	Z	-24.012	2
81	MP5B	Mx	.014	2
82	MP5B	X	13.863	5
83	MP5B	Z	-24.012	5
84	MP5B	Mx	.014	5
85	MP1A	X	9.271	1
86	MP1A	Z	-16.058	1
87	MP1A	Mx	-.005	1
88	MP1A	X	9.271	5
89	MP1A	Z	-16.058	5
90	MP1A	Mx	-.005	5
91	MP1C	X	8.443	1
92	MP1C	Z	-14.623	1
93	MP1C	Mx	-.003	1
94	MP1C	X	8.443	5
95	MP1C	Z	-14.623	5
96	MP1C	Mx	-.003	5
97	MP5A	X	9.271	2
98	MP5A	Z	-16.058	2
99	MP5A	Mx	-.005	2
100	MP5A	X	9.271	5
101	MP5A	Z	-16.058	5
102	MP5A	Mx	-.005	5
103	MP5C	X	8.443	2
104	MP5C	Z	-14.623	2
105	MP5C	Mx	-.003	2
106	MP5C	X	8.443	5
107	MP5C	Z	-14.623	5
108	MP5C	Mx	-.003	5
109	M134	X	13.001	1
110	M134	Z	-22.518	1
111	M134	Mx	0	1
112	MP3A	X	3.307	4
113	MP3A	Z	-5.729	4
114	MP3A	Mx	.000827	4
115	MP3A	X	3.307	4
116	MP3A	Z	-5.729	4
117	MP3A	Mx	-.000827	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	9.216	1
2	MP1B	Z	-5.321	1
3	MP1B	Mx	.004	1
4	MP1B	X	9.216	4
5	MP1B	Z	-5.321	4
6	MP1B	Mx	.004	4
7	MP2A	X	7.974	1
8	MP2A	Z	-4.604	1
9	MP2A	Mx	-.004	1
10	MP2A	X	7.974	4
11	MP2A	Z	-4.604	4
12	MP2A	Mx	-.004	4
13	MP2C	X	13.454	1
14	MP2C	Z	-7.767	1
15	MP2C	Mx	.001	1
16	MP2C	X	13.454	4
17	MP2C	Z	-7.767	4
18	MP2C	Mx	.001	4
19	MP4A	X	9.258	.5
20	MP4A	Z	-5.345	.5
21	MP4A	Mx	.005	.5
22	MP4B	X	9.821	.5
23	MP4B	Z	-5.67	.5
24	MP4B	Mx	-.004	.5
25	MP4C	X	11.741	.5
26	MP4C	Z	-6.778	.5
27	MP4C	Mx	-.001	.5
28	MP5A	X	10.827	.5
29	MP5A	Z	-6.251	.5
30	MP5A	Mx	.005	.5
31	MP5B	X	10.163	.5
32	MP5B	Z	-5.868	.5
33	MP5B	Mx	-.004	.5
34	MP5C	X	7.897	.5
35	MP5C	Z	-4.56	.5
36	MP5C	Mx	-.000791	.5
37	MP4A	X	17.853	2
38	MP4A	Z	-10.307	2
39	MP4A	Mx	-.016	2
40	MP4A	X	17.853	5
41	MP4A	Z	-10.307	5
42	MP4A	Mx	-.016	5
43	MP4B	X	18.967	2
44	MP4B	Z	-10.95	2
45	MP4B	Mx	-.000997	2
46	MP4B	X	18.967	5
47	MP4B	Z	-10.95	5
48	MP4B	Mx	-.000997	5
49	MP4C	X	22.767	2
50	MP4C	Z	-13.145	2
51	MP4C	Mx	.02	2
52	MP4C	X	22.767	5
53	MP4C	Z	-13.145	5
54	MP4C	Mx	.02	5
55	MP4A	X	17.853	2
56	MP4A	Z	-10.307	2
57	MP4A	Mx	-.002	2
58	MP4A	X	17.853	5
59	MP4A	Z	-10.307	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	-.002	5
61	MP4B	X	18.967	2
62	MP4B	Z	-10.95	2
63	MP4B	Mx	.018	2
64	MP4B	X	18.967	5
65	MP4B	Z	-10.95	5
66	MP4B	Mx	.018	5
67	MP4C	X	22.767	2
68	MP4C	Z	-13.145	2
69	MP4C	Mx	-.015	2
70	MP4C	X	22.767	5
71	MP4C	Z	-13.145	5
72	MP4C	Mx	-.015	5
73	MP2B	X	24.66	1
74	MP2B	Z	-14.237	1
75	MP2B	Mx	.012	1
76	MP2B	X	24.66	5
77	MP2B	Z	-14.237	5
78	MP2B	Mx	.012	5
79	MP5B	X	24.66	2
80	MP5B	Z	-14.237	2
81	MP5B	Mx	.012	2
82	MP5B	X	24.66	5
83	MP5B	Z	-14.237	5
84	MP5B	Mx	.012	5
85	MP1A	X	21.452	1
86	MP1A	Z	-12.385	1
87	MP1A	Mx	-.011	1
88	MP1A	X	21.452	5
89	MP1A	Z	-12.385	5
90	MP1A	Mx	-.011	5
91	MP1C	X	13.687	1
92	MP1C	Z	-7.902	1
93	MP1C	Mx	.001	1
94	MP1C	X	13.687	5
95	MP1C	Z	-7.902	5
96	MP1C	Mx	.001	5
97	MP5A	X	21.452	2
98	MP5A	Z	-12.385	2
99	MP5A	Mx	-.011	2
100	MP5A	X	21.452	5
101	MP5A	Z	-12.385	5
102	MP5A	Mx	-.011	5
103	MP5C	X	13.687	2
104	MP5C	Z	-7.902	2
105	MP5C	Mx	.001	2
106	MP5C	X	13.687	5
107	MP5C	Z	-7.902	5
108	MP5C	Mx	.001	5
109	M134	X	20.026	1
110	M134	Z	-11.562	1
111	M134	Mx	0	1
112	MP3A	X	3.76	4
113	MP3A	Z	-2.171	4
114	MP3A	Mx	.00094	4
115	MP3A	X	3.76	4
116	MP3A	Z	-2.171	4
117	MP3A	Mx	-.00094	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	14.772	1
2	MP1B	Z	0	1
3	MP1B	Mx	.003	1
4	MP1B	X	14.772	4
5	MP1B	Z	0	4
6	MP1B	Mx	.003	4
7	MP2A	X	7.01	1
8	MP2A	Z	0	1
9	MP2A	Mx	-.004	1
10	MP2A	X	7.01	4
11	MP2A	Z	0	4
12	MP2A	Mx	-.004	4
13	MP2C	X	12.168	1
14	MP2C	Z	0	1
15	MP2C	Mx	.004	1
16	MP2C	X	12.168	4
17	MP2C	Z	0	4
18	MP2C	Mx	.004	4
19	MP4A	X	9.694	.5
20	MP4A	Z	0	.5
21	MP4A	Mx	.005	.5
22	MP4B	X	13.211	.5
23	MP4B	Z	0	.5
24	MP4B	Mx	-.002	.5
25	MP4C	X	12.031	.5
26	MP4C	Z	0	.5
27	MP4C	Mx	-.004	.5
28	MP5A	X	13.677	.5
29	MP5A	Z	0	.5
30	MP5A	Mx	.007	.5
31	MP5B	X	9.527	.5
32	MP5B	Z	0	.5
33	MP5B	Mx	-.002	.5
34	MP5C	X	10.919	.5
35	MP5C	Z	0	.5
36	MP5C	Mx	-.004	.5
37	MP4A	X	18.644	2
38	MP4A	Z	0	2
39	MP4A	Mx	-.009	2
40	MP4A	X	18.644	5
41	MP4A	Z	0	5
42	MP4A	Mx	-.009	5
43	MP4B	X	25.605	2
44	MP4B	Z	0	2
45	MP4B	Mx	-.012	2
46	MP4B	X	25.605	5
47	MP4B	Z	0	5
48	MP4B	Mx	-.012	5
49	MP4C	X	23.27	2
50	MP4C	Z	0	2
51	MP4C	Mx	.019	2
52	MP4C	X	23.27	5
53	MP4C	Z	0	5
54	MP4C	Mx	.019	5
55	MP4A	X	18.644	2
56	MP4A	Z	0	2
57	MP4A	Mx	-.009	2
58	MP4A	X	18.644	5
59	MP4A	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	-.009	5
61	MP4B	X	25.605	2
62	MP4B	Z	0	2
63	MP4B	Mx	.02	2
64	MP4B	X	25.605	5
65	MP4B	Z	0	5
66	MP4B	Mx	.02	5
67	MP4C	X	23.27	2
68	MP4C	Z	0	2
69	MP4C	Mx	-.004	2
70	MP4C	X	23.27	5
71	MP4C	Z	0	5
72	MP4C	Mx	-.004	5
73	MP2B	X	29.972	1
74	MP2B	Z	0	1
75	MP2B	Mx	.007	1
76	MP2B	X	29.972	5
77	MP2B	Z	0	5
78	MP2B	Mx	.007	5
79	MP5B	X	29.972	2
80	MP5B	Z	0	2
81	MP5B	Mx	.007	2
82	MP5B	X	29.972	5
83	MP5B	Z	0	5
84	MP5B	Mx	.007	5
85	MP1A	X	27.884	1
86	MP1A	Z	0	1
87	MP1A	Mx	-.014	1
88	MP1A	X	27.884	5
89	MP1A	Z	0	5
90	MP1A	Mx	-.014	5
91	MP1C	X	20.575	1
92	MP1C	Z	0	1
93	MP1C	Mx	.007	1
94	MP1C	X	20.575	5
95	MP1C	Z	0	5
96	MP1C	Mx	.007	5
97	MP5A	X	27.884	2
98	MP5A	Z	0	2
99	MP5A	Mx	-.014	2
100	MP5A	X	27.884	5
101	MP5A	Z	0	5
102	MP5A	Mx	-.014	5
103	MP5C	X	20.575	2
104	MP5C	Z	0	2
105	MP5C	Mx	.007	2
106	MP5C	X	20.575	5
107	MP5C	Z	0	5
108	MP5C	Mx	.007	5
109	M134	X	21.685	1
110	M134	Z	0	1
111	M134	Mx	0	1
112	MP3A	X	3.205	4
113	MP3A	Z	0	4
114	MP3A	Mx	.000801	4
115	MP3A	X	3.205	4
116	MP3A	Z	0	4
117	MP3A	Mx	-.000801	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	13.454	1
2	MP1B	Z	7.767	1
3	MP1B	Mx	-.001	1
4	MP1B	X	13.454	4
5	MP1B	Z	7.767	4
6	MP1B	Mx	-.001	4
7	MP2A	X	7.974	1
8	MP2A	Z	4.604	1
9	MP2A	Mx	-.004	1
10	MP2A	X	7.974	4
11	MP2A	Z	4.604	4
12	MP2A	Mx	-.004	4
13	MP2C	X	6.961	1
14	MP2C	Z	4.019	1
15	MP2C	Mx	.004	1
16	MP2C	X	6.961	4
17	MP2C	Z	4.019	4
18	MP2C	Mx	.004	4
19	MP4A	X	9.258	.5
20	MP4A	Z	5.345	.5
21	MP4A	Mx	.005	.5
22	MP4B	X	11.741	.5
23	MP4B	Z	6.778	.5
24	MP4B	Mx	.001	.5
25	MP4C	X	8.799	.5
26	MP4C	Z	5.08	.5
27	MP4C	Mx	-.005	.5
28	MP5A	X	10.827	.5
29	MP5A	Z	6.251	.5
30	MP5A	Mx	.005	.5
31	MP5B	X	7.897	.5
32	MP5B	Z	4.56	.5
33	MP5B	Mx	.000792	.5
34	MP5C	X	11.369	.5
35	MP5C	Z	6.564	.5
36	MP5C	Mx	-.006	.5
37	MP4A	X	17.853	2
38	MP4A	Z	10.307	2
39	MP4A	Mx	-.002	2
40	MP4A	X	17.853	5
41	MP4A	Z	10.307	5
42	MP4A	Mx	-.002	5
43	MP4B	X	22.767	2
44	MP4B	Z	13.145	2
45	MP4B	Mx	-.02	2
46	MP4B	X	22.767	5
47	MP4B	Z	13.145	5
48	MP4B	Mx	-.02	5
49	MP4C	X	16.944	2
50	MP4C	Z	9.783	2
51	MP4C	Mx	.014	2
52	MP4C	X	16.944	5
53	MP4C	Z	9.783	5
54	MP4C	Mx	.014	5
55	MP4A	X	17.853	2
56	MP4A	Z	10.307	2
57	MP4A	Mx	-.016	2
58	MP4A	X	17.853	5
59	MP4A	Z	10.307	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	-.016	5
61	MP4B	X	22.767	2
62	MP4B	Z	13.145	2
63	MP4B	Mx	.015	2
64	MP4B	X	22.767	5
65	MP4B	Z	13.145	5
66	MP4B	Mx	.015	5
67	MP4C	X	16.944	2
68	MP4C	Z	9.783	2
69	MP4C	Mx	.005	2
70	MP4C	X	16.944	5
71	MP4C	Z	9.783	5
72	MP4C	Mx	.005	5
73	MP2B	X	26.605	1
74	MP2B	Z	15.36	1
75	MP2B	Mx	0	1
76	MP2B	X	26.605	5
77	MP2B	Z	15.36	5
78	MP2B	Mx	0	5
79	MP5B	X	26.605	2
80	MP5B	Z	15.36	2
81	MP5B	Mx	0	2
82	MP5B	X	26.605	5
83	MP5B	Z	15.36	5
84	MP5B	Mx	0	5
85	MP1A	X	21.452	1
86	MP1A	Z	12.385	1
87	MP1A	Mx	-.011	1
88	MP1A	X	21.452	5
89	MP1A	Z	12.385	5
90	MP1A	Mx	-.011	5
91	MP1C	X	22.887	1
92	MP1C	Z	13.214	1
93	MP1C	Mx	.012	1
94	MP1C	X	22.887	5
95	MP1C	Z	13.214	5
96	MP1C	Mx	.012	5
97	MP5A	X	21.452	2
98	MP5A	Z	12.385	2
99	MP5A	Mx	-.011	2
100	MP5A	X	21.452	5
101	MP5A	Z	12.385	5
102	MP5A	Mx	-.011	5
103	MP5C	X	22.887	2
104	MP5C	Z	13.214	2
105	MP5C	Mx	.012	2
106	MP5C	X	22.887	5
107	MP5C	Z	13.214	5
108	MP5C	Mx	.012	5
109	M134	X	20.026	1
110	M134	Z	11.562	1
111	M134	Mx	0	1
112	MP3A	X	3.76	4
113	MP3A	Z	2.171	4
114	MP3A	Mx	.00094	4
115	MP3A	X	3.76	4
116	MP3A	Z	2.171	4
117	MP3A	Mx	-.00094	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	6.084	1
2	MP1B	Z	10.538	1
3	MP1B	Mx	-.004	1
4	MP1B	X	6.084	4
5	MP1B	Z	10.538	4
6	MP1B	Mx	-.004	4
7	MP2A	X	6.801	1
8	MP2A	Z	11.78	1
9	MP2A	Mx	-.003	1
10	MP2A	X	6.801	4
11	MP2A	Z	11.78	4
12	MP2A	Mx	-.003	4
13	MP2C	X	3.637	1
14	MP2C	Z	6.3	1
15	MP2C	Mx	.004	1
16	MP2C	X	3.637	4
17	MP2C	Z	6.3	4
18	MP2C	Mx	.004	4
19	MP4A	X	6.341	.5
20	MP4A	Z	10.982	.5
21	MP4A	Mx	.003	.5
22	MP4B	X	6.016	.5
23	MP4B	Z	10.42	.5
24	MP4B	Mx	.004	.5
25	MP4C	X	4.907	.5
26	MP4C	Z	8.499	.5
27	MP4C	Mx	-.005	.5
28	MP5A	X	5.076	.5
29	MP5A	Z	8.792	.5
30	MP5A	Mx	.003	.5
31	MP5B	X	5.46	.5
32	MP5B	Z	9.456	.5
33	MP5B	Mx	.004	.5
34	MP5C	X	6.768	.5
35	MP5C	Z	11.722	.5
36	MP5C	Mx	-.007	.5
37	MP4A	X	12.278	2
38	MP4A	Z	21.266	2
39	MP4A	Mx	.008	2
40	MP4A	X	12.278	5
41	MP4A	Z	21.266	5
42	MP4A	Mx	.008	5
43	MP4B	X	11.635	2
44	MP4B	Z	20.152	2
45	MP4B	Mx	-.019	2
46	MP4B	X	11.635	5
47	MP4B	Z	20.152	5
48	MP4B	Mx	-.019	5
49	MP4C	X	9.441	2
50	MP4C	Z	16.352	2
51	MP4C	Mx	.007	2
52	MP4C	X	9.441	5
53	MP4C	Z	16.352	5
54	MP4C	Mx	.007	5
55	MP4A	X	12.278	2
56	MP4A	Z	21.266	2
57	MP4A	Mx	-.02	2
58	MP4A	X	12.278	5
59	MP4A	Z	21.266	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	-.02	5
61	MP4B	X	11.635	2
62	MP4B	Z	20.152	2
63	MP4B	Mx	.004	2
64	MP4B	X	11.635	5
65	MP4B	Z	20.152	5
66	MP4B	Mx	.004	5
67	MP4C	X	9.441	2
68	MP4C	Z	16.352	2
69	MP4C	Mx	.011	2
70	MP4C	X	9.441	5
71	MP4C	Z	16.352	5
72	MP4C	Mx	.011	5
73	MP2B	X	14.986	1
74	MP2B	Z	25.957	1
75	MP2B	Mx	-.007	1
76	MP2B	X	14.986	5
77	MP2B	Z	25.957	5
78	MP2B	Mx	-.007	5
79	MP5B	X	14.986	2
80	MP5B	Z	25.957	2
81	MP5B	Mx	-.007	2
82	MP5B	X	14.986	5
83	MP5B	Z	25.957	5
84	MP5B	Mx	-.007	5
85	MP1A	X	9.271	1
86	MP1A	Z	16.058	1
87	MP1A	Mx	-.005	1
88	MP1A	X	9.271	5
89	MP1A	Z	16.058	5
90	MP1A	Mx	-.005	5
91	MP1C	X	13.754	1
92	MP1C	Z	23.823	1
93	MP1C	Mx	.014	1
94	MP1C	X	13.754	5
95	MP1C	Z	23.823	5
96	MP1C	Mx	.014	5
97	MP5A	X	9.271	2
98	MP5A	Z	16.058	2
99	MP5A	Mx	-.005	2
100	MP5A	X	9.271	5
101	MP5A	Z	16.058	5
102	MP5A	Mx	-.005	5
103	MP5C	X	13.754	2
104	MP5C	Z	23.823	2
105	MP5C	Mx	.014	2
106	MP5C	X	13.754	5
107	MP5C	Z	23.823	5
108	MP5C	Mx	.014	5
109	M134	X	13.001	1
110	M134	Z	22.518	1
111	M134	Mx	0	1
112	MP3A	X	3.307	4
113	MP3A	Z	5.729	4
114	MP3A	Mx	.000827	4
115	MP3A	X	3.307	4
116	MP3A	Z	5.729	4
117	MP3A	Mx	-.000827	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	0	1
2	MP1B	Z	8.038	1
3	MP1B	Mx	-.004	1
4	MP1B	X	0	4
5	MP1B	Z	8.038	4
6	MP1B	Mx	-.004	4
7	MP2A	X	0	1
8	MP2A	Z	15.8	1
9	MP2A	Mx	0	1
10	MP2A	X	0	4
11	MP2A	Z	15.8	4
12	MP2A	Mx	0	4
13	MP2C	X	0	1
14	MP2C	Z	10.642	1
15	MP2C	Mx	.004	1
16	MP2C	X	0	4
17	MP2C	Z	10.642	4
18	MP2C	Mx	.004	4
19	MP4A	X	0	.5
20	MP4A	Z	13.677	.5
21	MP4A	Mx	0	.5
22	MP4B	X	0	.5
23	MP4B	Z	10.16	.5
24	MP4B	Mx	.005	.5
25	MP4C	X	0	.5
26	MP4C	Z	11.34	.5
27	MP4C	Mx	-.004	.5
28	MP5A	X	0	.5
29	MP5A	Z	8.977	.5
30	MP5A	Mx	0	.5
31	MP5B	X	0	.5
32	MP5B	Z	13.127	.5
33	MP5B	Mx	.006	.5
34	MP5C	X	0	.5
35	MP5C	Z	11.735	.5
36	MP5C	Mx	-.004	.5
37	MP4A	X	0	2
38	MP4A	Z	26.527	2
39	MP4A	Mx	.018	2
40	MP4A	X	0	5
41	MP4A	Z	26.527	5
42	MP4A	Mx	.018	5
43	MP4B	X	0	2
44	MP4B	Z	19.566	2
45	MP4B	Mx	-.014	2
46	MP4B	X	0	5
47	MP4B	Z	19.566	5
48	MP4B	Mx	-.014	5
49	MP4C	X	0	2
50	MP4C	Z	21.901	2
51	MP4C	Mx	-.000997	2
52	MP4C	X	0	5
53	MP4C	Z	21.901	5
54	MP4C	Mx	-.000997	5
55	MP4A	X	0	2
56	MP4A	Z	26.527	2
57	MP4A	Mx	-.018	2
58	MP4A	X	0	5
59	MP4A	Z	26.527	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	-.018	5
61	MP4B	X	0	2
62	MP4B	Z	19.566	2
63	MP4B	Mx	-.005	2
64	MP4B	X	0	5
65	MP4B	Z	19.566	5
66	MP4B	Mx	-.005	5
67	MP4C	X	0	2
68	MP4C	Z	21.901	2
69	MP4C	Mx	.018	2
70	MP4C	X	0	5
71	MP4C	Z	21.901	5
72	MP4C	Mx	.018	5
73	MP2B	X	0	1
74	MP2B	Z	28.475	1
75	MP2B	Mx	-.012	1
76	MP2B	X	0	5
77	MP2B	Z	28.475	5
78	MP2B	Mx	-.012	5
79	MP5B	X	0	2
80	MP5B	Z	28.475	2
81	MP5B	Mx	-.012	2
82	MP5B	X	0	5
83	MP5B	Z	28.475	5
84	MP5B	Mx	-.012	5
85	MP1A	X	0	1
86	MP1A	Z	15.428	1
87	MP1A	Mx	0	1
88	MP1A	X	0	5
89	MP1A	Z	15.428	5
90	MP1A	Mx	0	5
91	MP1C	X	0	1
92	MP1C	Z	22.738	1
93	MP1C	Mx	.009	1
94	MP1C	X	0	5
95	MP1C	Z	22.738	5
96	MP1C	Mx	.009	5
97	MP5A	X	0	2
98	MP5A	Z	15.428	2
99	MP5A	Mx	0	2
100	MP5A	X	0	5
101	MP5A	Z	15.428	5
102	MP5A	Mx	0	5
103	MP5C	X	0	2
104	MP5C	Z	22.738	2
105	MP5C	Mx	.009	2
106	MP5C	X	0	5
107	MP5C	Z	22.738	5
108	MP5C	Mx	.009	5
109	M134	X	0	1
110	M134	Z	27.441	1
111	M134	Mx	0	1
112	MP3A	X	0	4
113	MP3A	Z	7.751	4
114	MP3A	Mx	0	4
115	MP3A	X	0	4
116	MP3A	Z	7.751	4
117	MP3A	Mx	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-3.637	1
2	MP1B	Z	6.3	1
3	MP1B	Mx	-.004	1
4	MP1B	X	-3.637	4
5	MP1B	Z	6.3	4
6	MP1B	Mx	-.004	4
7	MP2A	X	-6.801	1
8	MP2A	Z	11.78	1
9	MP2A	Mx	.003	1
10	MP2A	X	-6.801	4
11	MP2A	Z	11.78	4
12	MP2A	Mx	.003	4
13	MP2C	X	-7.386	1
14	MP2C	Z	12.793	1
15	MP2C	Mx	.003	1
16	MP2C	X	-7.386	4
17	MP2C	Z	12.793	4
18	MP2C	Mx	.003	4
19	MP4A	X	-6.341	.5
20	MP4A	Z	10.982	.5
21	MP4A	Mx	-.003	.5
22	MP4B	X	-4.907	.5
23	MP4B	Z	8.499	.5
24	MP4B	Mx	.005	.5
25	MP4C	X	-6.606	.5
26	MP4C	Z	11.441	.5
27	MP4C	Mx	-.002	.5
28	MP5A	X	-5.076	.5
29	MP5A	Z	8.792	.5
30	MP5A	Mx	-.003	.5
31	MP5B	X	-6.768	.5
32	MP5B	Z	11.722	.5
33	MP5B	Mx	.007	.5
34	MP5C	X	-4.764	.5
35	MP5C	Z	8.251	.5
36	MP5C	Mx	-.002	.5
37	MP4A	X	-12.278	2
38	MP4A	Z	21.266	2
39	MP4A	Mx	.02	2
40	MP4A	X	-12.278	5
41	MP4A	Z	21.266	5
42	MP4A	Mx	.02	5
43	MP4B	X	-9.441	2
44	MP4B	Z	16.352	2
45	MP4B	Mx	-.007	2
46	MP4B	X	-9.441	5
47	MP4B	Z	16.352	5
48	MP4B	Mx	-.007	5
49	MP4C	X	-12.802	2
50	MP4C	Z	22.175	2
51	MP4C	Mx	-.012	2
52	MP4C	X	-12.802	5
53	MP4C	Z	22.175	5
54	MP4C	Mx	-.012	5
55	MP4A	X	-12.278	2
56	MP4A	Z	21.266	2
57	MP4A	Mx	-.008	2
58	MP4A	X	-12.278	5
59	MP4A	Z	21.266	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	-.008	5
61	MP4B	X	-9.441	2
62	MP4B	Z	16.352	2
63	MP4B	Mx	-.011	2
64	MP4B	X	-9.441	5
65	MP4B	Z	16.352	5
66	MP4B	Mx	-.011	5
67	MP4C	X	-12.802	2
68	MP4C	Z	22.175	2
69	MP4C	Mx	.02	2
70	MP4C	X	-12.802	5
71	MP4C	Z	22.175	5
72	MP4C	Mx	.02	5
73	MP2B	X	-13.863	1
74	MP2B	Z	24.012	1
75	MP2B	Mx	-.014	1
76	MP2B	X	-13.863	5
77	MP2B	Z	24.012	5
78	MP2B	Mx	-.014	5
79	MP5B	X	-13.863	2
80	MP5B	Z	24.012	2
81	MP5B	Mx	-.014	2
82	MP5B	X	-13.863	5
83	MP5B	Z	24.012	5
84	MP5B	Mx	-.014	5
85	MP1A	X	-9.271	1
86	MP1A	Z	16.058	1
87	MP1A	Mx	.005	1
88	MP1A	X	-9.271	5
89	MP1A	Z	16.058	5
90	MP1A	Mx	.005	5
91	MP1C	X	-8.443	1
92	MP1C	Z	14.623	1
93	MP1C	Mx	.003	1
94	MP1C	X	-8.443	5
95	MP1C	Z	14.623	5
96	MP1C	Mx	.003	5
97	MP5A	X	-9.271	2
98	MP5A	Z	16.058	2
99	MP5A	Mx	.005	2
100	MP5A	X	-9.271	5
101	MP5A	Z	16.058	5
102	MP5A	Mx	.005	5
103	MP5C	X	-8.443	2
104	MP5C	Z	14.623	2
105	MP5C	Mx	.003	2
106	MP5C	X	-8.443	5
107	MP5C	Z	14.623	5
108	MP5C	Mx	.003	5
109	M134	X	-13.001	1
110	M134	Z	22.518	1
111	M134	Mx	0	1
112	MP3A	X	-3.307	4
113	MP3A	Z	5.729	4
114	MP3A	Mx	-.000827	4
115	MP3A	X	-3.307	4
116	MP3A	Z	5.729	4
117	MP3A	Mx	.000827	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-9.216	1
2	MP1B	Z	5.321	1
3	MP1B	Mx	-.004	1
4	MP1B	X	-9.216	4
5	MP1B	Z	5.321	4
6	MP1B	Mx	-.004	4
7	MP2A	X	-7.974	1
8	MP2A	Z	4.604	1
9	MP2A	Mx	.004	1
10	MP2A	X	-7.974	4
11	MP2A	Z	4.604	4
12	MP2A	Mx	.004	4
13	MP2C	X	-13.454	1
14	MP2C	Z	7.767	1
15	MP2C	Mx	-.001	1
16	MP2C	X	-13.454	4
17	MP2C	Z	7.767	4
18	MP2C	Mx	-.001	4
19	MP4A	X	-9.258	.5
20	MP4A	Z	5.345	.5
21	MP4A	Mx	-.005	.5
22	MP4B	X	-9.821	.5
23	MP4B	Z	5.67	.5
24	MP4B	Mx	.004	.5
25	MP4C	X	-11.741	.5
26	MP4C	Z	6.778	.5
27	MP4C	Mx	.001	.5
28	MP5A	X	-10.827	.5
29	MP5A	Z	6.251	.5
30	MP5A	Mx	-.005	.5
31	MP5B	X	-10.163	.5
32	MP5B	Z	5.868	.5
33	MP5B	Mx	.004	.5
34	MP5C	X	-7.897	.5
35	MP5C	Z	4.56	.5
36	MP5C	Mx	.000791	.5
37	MP4A	X	-17.853	2
38	MP4A	Z	10.307	2
39	MP4A	Mx	.016	2
40	MP4A	X	-17.853	5
41	MP4A	Z	10.307	5
42	MP4A	Mx	.016	5
43	MP4B	X	-18.967	2
44	MP4B	Z	10.95	2
45	MP4B	Mx	.000997	2
46	MP4B	X	-18.967	5
47	MP4B	Z	10.95	5
48	MP4B	Mx	.000997	5
49	MP4C	X	-22.767	2
50	MP4C	Z	13.145	2
51	MP4C	Mx	-.02	2
52	MP4C	X	-22.767	5
53	MP4C	Z	13.145	5
54	MP4C	Mx	-.02	5
55	MP4A	X	-17.853	2
56	MP4A	Z	10.307	2
57	MP4A	Mx	.002	2
58	MP4A	X	-17.853	5
59	MP4A	Z	10.307	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	.002	5
61	MP4B	X	-18.967	2
62	MP4B	Z	10.95	2
63	MP4B	Mx	-.018	2
64	MP4B	X	-18.967	5
65	MP4B	Z	10.95	5
66	MP4B	Mx	-.018	5
67	MP4C	X	-22.767	2
68	MP4C	Z	13.145	2
69	MP4C	Mx	.015	2
70	MP4C	X	-22.767	5
71	MP4C	Z	13.145	5
72	MP4C	Mx	.015	5
73	MP2B	X	-24.66	1
74	MP2B	Z	14.237	1
75	MP2B	Mx	-.012	1
76	MP2B	X	-24.66	5
77	MP2B	Z	14.237	5
78	MP2B	Mx	-.012	5
79	MP5B	X	-24.66	2
80	MP5B	Z	14.237	2
81	MP5B	Mx	-.012	2
82	MP5B	X	-24.66	5
83	MP5B	Z	14.237	5
84	MP5B	Mx	-.012	5
85	MP1A	X	-21.452	1
86	MP1A	Z	12.385	1
87	MP1A	Mx	.011	1
88	MP1A	X	-21.452	5
89	MP1A	Z	12.385	5
90	MP1A	Mx	.011	5
91	MP1C	X	-13.687	1
92	MP1C	Z	7.902	1
93	MP1C	Mx	-.001	1
94	MP1C	X	-13.687	5
95	MP1C	Z	7.902	5
96	MP1C	Mx	-.001	5
97	MP5A	X	-21.452	2
98	MP5A	Z	12.385	2
99	MP5A	Mx	.011	2
100	MP5A	X	-21.452	5
101	MP5A	Z	12.385	5
102	MP5A	Mx	.011	5
103	MP5C	X	-13.687	2
104	MP5C	Z	7.902	2
105	MP5C	Mx	-.001	2
106	MP5C	X	-13.687	5
107	MP5C	Z	7.902	5
108	MP5C	Mx	-.001	5
109	M134	X	-20.026	1
110	M134	Z	11.562	1
111	M134	Mx	0	1
112	MP3A	X	-3.76	4
113	MP3A	Z	2.171	4
114	MP3A	Mx	-.00094	4
115	MP3A	X	-3.76	4
116	MP3A	Z	2.171	4
117	MP3A	Mx	.00094	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-14.772	1
2	MP1B	Z	0	1
3	MP1B	Mx	-.003	1
4	MP1B	X	-14.772	4
5	MP1B	Z	0	4
6	MP1B	Mx	-.003	4
7	MP2A	X	-7.01	1
8	MP2A	Z	0	1
9	MP2A	Mx	.004	1
10	MP2A	X	-7.01	4
11	MP2A	Z	0	4
12	MP2A	Mx	.004	4
13	MP2C	X	-12.168	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.004	1
16	MP2C	X	-12.168	4
17	MP2C	Z	0	4
18	MP2C	Mx	-.004	4
19	MP4A	X	-9.694	.5
20	MP4A	Z	0	.5
21	MP4A	Mx	-.005	.5
22	MP4B	X	-13.211	.5
23	MP4B	Z	0	.5
24	MP4B	Mx	.002	.5
25	MP4C	X	-12.031	.5
26	MP4C	Z	0	.5
27	MP4C	Mx	.004	.5
28	MP5A	X	-13.677	.5
29	MP5A	Z	0	.5
30	MP5A	Mx	-.007	.5
31	MP5B	X	-9.527	.5
32	MP5B	Z	0	.5
33	MP5B	Mx	.002	.5
34	MP5C	X	-10.919	.5
35	MP5C	Z	0	.5
36	MP5C	Mx	.004	.5
37	MP4A	X	-18.644	2
38	MP4A	Z	0	2
39	MP4A	Mx	.009	2
40	MP4A	X	-18.644	5
41	MP4A	Z	0	5
42	MP4A	Mx	.009	5
43	MP4B	X	-25.605	2
44	MP4B	Z	0	2
45	MP4B	Mx	.012	2
46	MP4B	X	-25.605	5
47	MP4B	Z	0	5
48	MP4B	Mx	.012	5
49	MP4C	X	-23.27	2
50	MP4C	Z	0	2
51	MP4C	Mx	-.019	2
52	MP4C	X	-23.27	5
53	MP4C	Z	0	5
54	MP4C	Mx	-.019	5
55	MP4A	X	-18.644	2
56	MP4A	Z	0	2
57	MP4A	Mx	.009	2
58	MP4A	X	-18.644	5
59	MP4A	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	.009	5
61	MP4B	X	-25.605	2
62	MP4B	Z	0	2
63	MP4B	Mx	-.02	2
64	MP4B	X	-25.605	5
65	MP4B	Z	0	5
66	MP4B	Mx	-.02	5
67	MP4C	X	-23.27	2
68	MP4C	Z	0	2
69	MP4C	Mx	.004	2
70	MP4C	X	-23.27	5
71	MP4C	Z	0	5
72	MP4C	Mx	.004	5
73	MP2B	X	-29.972	1
74	MP2B	Z	0	1
75	MP2B	Mx	-.007	1
76	MP2B	X	-29.972	5
77	MP2B	Z	0	5
78	MP2B	Mx	-.007	5
79	MP5B	X	-29.972	2
80	MP5B	Z	0	2
81	MP5B	Mx	-.007	2
82	MP5B	X	-29.972	5
83	MP5B	Z	0	5
84	MP5B	Mx	-.007	5
85	MP1A	X	-27.884	1
86	MP1A	Z	0	1
87	MP1A	Mx	.014	1
88	MP1A	X	-27.884	5
89	MP1A	Z	0	5
90	MP1A	Mx	.014	5
91	MP1C	X	-20.575	1
92	MP1C	Z	0	1
93	MP1C	Mx	-.007	1
94	MP1C	X	-20.575	5
95	MP1C	Z	0	5
96	MP1C	Mx	-.007	5
97	MP5A	X	-27.884	2
98	MP5A	Z	0	2
99	MP5A	Mx	.014	2
100	MP5A	X	-27.884	5
101	MP5A	Z	0	5
102	MP5A	Mx	.014	5
103	MP5C	X	-20.575	2
104	MP5C	Z	0	2
105	MP5C	Mx	-.007	2
106	MP5C	X	-20.575	5
107	MP5C	Z	0	5
108	MP5C	Mx	-.007	5
109	M134	X	-21.685	1
110	M134	Z	0	1
111	M134	Mx	0	1
112	MP3A	X	-3.205	4
113	MP3A	Z	0	4
114	MP3A	Mx	-.000801	4
115	MP3A	X	-3.205	4
116	MP3A	Z	0	4
117	MP3A	Mx	.000801	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-13.454	1
2	MP1B	Z	-7.767	1
3	MP1B	Mx	.001	1
4	MP1B	X	-13.454	4
5	MP1B	Z	-7.767	4
6	MP1B	Mx	.001	4
7	MP2A	X	-7.974	1
8	MP2A	Z	-4.604	1
9	MP2A	Mx	.004	1
10	MP2A	X	-7.974	4
11	MP2A	Z	-4.604	4
12	MP2A	Mx	.004	4
13	MP2C	X	-6.961	1
14	MP2C	Z	-4.019	1
15	MP2C	Mx	-.004	1
16	MP2C	X	-6.961	4
17	MP2C	Z	-4.019	4
18	MP2C	Mx	-.004	4
19	MP4A	X	-9.258	.5
20	MP4A	Z	-5.345	.5
21	MP4A	Mx	-.005	.5
22	MP4B	X	-11.741	.5
23	MP4B	Z	-6.778	.5
24	MP4B	Mx	-.001	.5
25	MP4C	X	-8.799	.5
26	MP4C	Z	-5.08	.5
27	MP4C	Mx	.005	.5
28	MP5A	X	-10.827	.5
29	MP5A	Z	-6.251	.5
30	MP5A	Mx	-.005	.5
31	MP5B	X	-7.897	.5
32	MP5B	Z	-4.56	.5
33	MP5B	Mx	-.000792	.5
34	MP5C	X	-11.369	.5
35	MP5C	Z	-6.564	.5
36	MP5C	Mx	.006	.5
37	MP4A	X	-17.853	2
38	MP4A	Z	-10.307	2
39	MP4A	Mx	.002	2
40	MP4A	X	-17.853	5
41	MP4A	Z	-10.307	5
42	MP4A	Mx	.002	5
43	MP4B	X	-22.767	2
44	MP4B	Z	-13.145	2
45	MP4B	Mx	.02	2
46	MP4B	X	-22.767	5
47	MP4B	Z	-13.145	5
48	MP4B	Mx	.02	5
49	MP4C	X	-16.944	2
50	MP4C	Z	-9.783	2
51	MP4C	Mx	-.014	2
52	MP4C	X	-16.944	5
53	MP4C	Z	-9.783	5
54	MP4C	Mx	-.014	5
55	MP4A	X	-17.853	2
56	MP4A	Z	-10.307	2
57	MP4A	Mx	.016	2
58	MP4A	X	-17.853	5
59	MP4A	Z	-10.307	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	.016	5
61	MP4B	X	-22.767	2
62	MP4B	Z	-13.145	2
63	MP4B	Mx	-.015	2
64	MP4B	X	-22.767	5
65	MP4B	Z	-13.145	5
66	MP4B	Mx	-.015	5
67	MP4C	X	-16.944	2
68	MP4C	Z	-9.783	2
69	MP4C	Mx	-.005	2
70	MP4C	X	-16.944	5
71	MP4C	Z	-9.783	5
72	MP4C	Mx	-.005	5
73	MP2B	X	-26.605	1
74	MP2B	Z	-15.36	1
75	MP2B	Mx	0	1
76	MP2B	X	-26.605	5
77	MP2B	Z	-15.36	5
78	MP2B	Mx	0	5
79	MP5B	X	-26.605	2
80	MP5B	Z	-15.36	2
81	MP5B	Mx	0	2
82	MP5B	X	-26.605	5
83	MP5B	Z	-15.36	5
84	MP5B	Mx	0	5
85	MP1A	X	-21.452	1
86	MP1A	Z	-12.385	1
87	MP1A	Mx	.011	1
88	MP1A	X	-21.452	5
89	MP1A	Z	-12.385	5
90	MP1A	Mx	.011	5
91	MP1C	X	-22.887	1
92	MP1C	Z	-13.214	1
93	MP1C	Mx	-.012	1
94	MP1C	X	-22.887	5
95	MP1C	Z	-13.214	5
96	MP1C	Mx	-.012	5
97	MP5A	X	-21.452	2
98	MP5A	Z	-12.385	2
99	MP5A	Mx	.011	2
100	MP5A	X	-21.452	5
101	MP5A	Z	-12.385	5
102	MP5A	Mx	.011	5
103	MP5C	X	-22.887	2
104	MP5C	Z	-13.214	2
105	MP5C	Mx	-.012	2
106	MP5C	X	-22.887	5
107	MP5C	Z	-13.214	5
108	MP5C	Mx	-.012	5
109	M134	X	-20.026	1
110	M134	Z	-11.562	1
111	M134	Mx	0	1
112	MP3A	X	-3.76	4
113	MP3A	Z	-2.171	4
114	MP3A	Mx	-.00094	4
115	MP3A	X	-3.76	4
116	MP3A	Z	-2.171	4
117	MP3A	Mx	.00094	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-6.084	1
2	MP1B	Z	-10.538	1
3	MP1B	Mx	.004	1
4	MP1B	X	-6.084	4
5	MP1B	Z	-10.538	4
6	MP1B	Mx	.004	4
7	MP2A	X	-6.801	1
8	MP2A	Z	-11.78	1
9	MP2A	Mx	.003	1
10	MP2A	X	-6.801	4
11	MP2A	Z	-11.78	4
12	MP2A	Mx	.003	4
13	MP2C	X	-3.637	1
14	MP2C	Z	-6.3	1
15	MP2C	Mx	-.004	1
16	MP2C	X	-3.637	4
17	MP2C	Z	-6.3	4
18	MP2C	Mx	-.004	4
19	MP4A	X	-6.341	.5
20	MP4A	Z	-10.982	.5
21	MP4A	Mx	-.003	.5
22	MP4B	X	-6.016	.5
23	MP4B	Z	-10.42	.5
24	MP4B	Mx	-.004	.5
25	MP4C	X	-4.907	.5
26	MP4C	Z	-8.499	.5
27	MP4C	Mx	.005	.5
28	MP5A	X	-5.076	.5
29	MP5A	Z	-8.792	.5
30	MP5A	Mx	-.003	.5
31	MP5B	X	-5.46	.5
32	MP5B	Z	-9.456	.5
33	MP5B	Mx	-.004	.5
34	MP5C	X	-6.768	.5
35	MP5C	Z	-11.722	.5
36	MP5C	Mx	.007	.5
37	MP4A	X	-12.278	2
38	MP4A	Z	-21.266	2
39	MP4A	Mx	-.008	2
40	MP4A	X	-12.278	5
41	MP4A	Z	-21.266	5
42	MP4A	Mx	-.008	5
43	MP4B	X	-11.635	2
44	MP4B	Z	-20.152	2
45	MP4B	Mx	.019	2
46	MP4B	X	-11.635	5
47	MP4B	Z	-20.152	5
48	MP4B	Mx	.019	5
49	MP4C	X	-9.441	2
50	MP4C	Z	-16.352	2
51	MP4C	Mx	-.007	2
52	MP4C	X	-9.441	5
53	MP4C	Z	-16.352	5
54	MP4C	Mx	-.007	5
55	MP4A	X	-12.278	2
56	MP4A	Z	-21.266	2
57	MP4A	Mx	.02	2
58	MP4A	X	-12.278	5
59	MP4A	Z	-21.266	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	.02	5
61	MP4B	X	-11.635	2
62	MP4B	Z	-20.152	2
63	MP4B	Mx	-.004	2
64	MP4B	X	-11.635	5
65	MP4B	Z	-20.152	5
66	MP4B	Mx	-.004	5
67	MP4C	X	-9.441	2
68	MP4C	Z	-16.352	2
69	MP4C	Mx	-.011	2
70	MP4C	X	-9.441	5
71	MP4C	Z	-16.352	5
72	MP4C	Mx	-.011	5
73	MP2B	X	-14.986	1
74	MP2B	Z	-25.957	1
75	MP2B	Mx	.007	1
76	MP2B	X	-14.986	5
77	MP2B	Z	-25.957	5
78	MP2B	Mx	.007	5
79	MP5B	X	-14.986	2
80	MP5B	Z	-25.957	2
81	MP5B	Mx	.007	2
82	MP5B	X	-14.986	5
83	MP5B	Z	-25.957	5
84	MP5B	Mx	.007	5
85	MP1A	X	-9.271	1
86	MP1A	Z	-16.058	1
87	MP1A	Mx	.005	1
88	MP1A	X	-9.271	5
89	MP1A	Z	-16.058	5
90	MP1A	Mx	.005	5
91	MP1C	X	-13.754	1
92	MP1C	Z	-23.823	1
93	MP1C	Mx	-.014	1
94	MP1C	X	-13.754	5
95	MP1C	Z	-23.823	5
96	MP1C	Mx	-.014	5
97	MP5A	X	-9.271	2
98	MP5A	Z	-16.058	2
99	MP5A	Mx	.005	2
100	MP5A	X	-9.271	5
101	MP5A	Z	-16.058	5
102	MP5A	Mx	.005	5
103	MP5C	X	-13.754	2
104	MP5C	Z	-23.823	2
105	MP5C	Mx	-.014	2
106	MP5C	X	-13.754	5
107	MP5C	Z	-23.823	5
108	MP5C	Mx	-.014	5
109	M134	X	-13.001	1
110	M134	Z	-22.518	1
111	M134	Mx	0	1
112	MP3A	X	-3.307	4
113	MP3A	Z	-5.729	4
114	MP3A	Mx	-.000827	4
115	MP3A	X	-3.307	4
116	MP3A	Z	-5.729	4
117	MP3A	Mx	.000827	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	0	1
2	MP1B	Z	-1.67	1
3	MP1B	Mx	.000785	1
4	MP1B	X	0	4
5	MP1B	Z	-1.67	4
6	MP1B	Mx	.000785	4
7	MP2A	X	0	1
8	MP2A	Z	-3.967	1
9	MP2A	Mx	0	1
10	MP2A	X	0	4
11	MP2A	Z	-3.967	4
12	MP2A	Mx	0	4
13	MP2C	X	0	1
14	MP2C	Z	-2.441	1
15	MP2C	Mx	-.000935	1
16	MP2C	X	0	4
17	MP2C	Z	-2.441	4
18	MP2C	Mx	-.000935	4
19	MP4A	X	0	.5
20	MP4A	Z	-3.137	.5
21	MP4A	Mx	0	.5
22	MP4B	X	0	.5
23	MP4B	Z	-2.226	.5
24	MP4B	Mx	-.001	.5
25	MP4C	X	0	.5
26	MP4C	Z	-2.531	.5
27	MP4C	Mx	.000969	.5
28	MP5A	X	0	.5
29	MP5A	Z	-3.137	.5
30	MP5A	Mx	0	.5
31	MP5B	X	0	.5
32	MP5B	Z	-2.047	.5
33	MP5B	Mx	-.000962	.5
34	MP5C	X	0	.5
35	MP5C	Z	-2.413	.5
36	MP5C	Mx	.000924	.5
37	MP4A	X	0	2
38	MP4A	Z	-5.576	2
39	MP4A	Mx	-.004	2
40	MP4A	X	0	5
41	MP4A	Z	-5.576	5
42	MP4A	Mx	-.004	5
43	MP4B	X	0	2
44	MP4B	Z	-2.77	2
45	MP4B	Mx	.002	2
46	MP4B	X	0	5
47	MP4B	Z	-2.77	5
48	MP4B	Mx	.002	5
49	MP4C	X	0	2
50	MP4C	Z	-3.711	2
51	MP4C	Mx	.000169	2
52	MP4C	X	0	5
53	MP4C	Z	-3.711	5
54	MP4C	Mx	.000169	5
55	MP4A	X	0	2
56	MP4A	Z	-5.576	2
57	MP4A	Mx	.004	2
58	MP4A	X	0	5
59	MP4A	Z	-5.576	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	.004	5
61	MP4B	X	0	2
62	MP4B	Z	-2.77	2
63	MP4B	Mx	.00067	2
64	MP4B	X	0	5
65	MP4B	Z	-2.77	5
66	MP4B	Mx	.00067	5
67	MP4C	X	0	2
68	MP4C	Z	-3.711	2
69	MP4C	Mx	-.003	2
70	MP4C	X	0	5
71	MP4C	Z	-3.711	5
72	MP4C	Mx	-.003	5
73	MP2B	X	0	1
74	MP2B	Z	-8.937	1
75	MP2B	Mx	.004	1
76	MP2B	X	0	5
77	MP2B	Z	-8.937	5
78	MP2B	Mx	.004	5
79	MP5B	X	0	2
80	MP5B	Z	-8.937	2
81	MP5B	Mx	.004	2
82	MP5B	X	0	5
83	MP5B	Z	-8.937	5
84	MP5B	Mx	.004	5
85	MP1A	X	0	1
86	MP1A	Z	-4.382	1
87	MP1A	Mx	0	1
88	MP1A	X	0	5
89	MP1A	Z	-4.382	5
90	MP1A	Mx	0	5
91	MP1C	X	0	1
92	MP1C	Z	-6.935	1
93	MP1C	Mx	-.003	1
94	MP1C	X	0	5
95	MP1C	Z	-6.935	5
96	MP1C	Mx	-.003	5
97	MP5A	X	0	2
98	MP5A	Z	-4.382	2
99	MP5A	Mx	0	2
100	MP5A	X	0	5
101	MP5A	Z	-4.382	5
102	MP5A	Mx	0	5
103	MP5C	X	0	2
104	MP5C	Z	-6.935	2
105	MP5C	Mx	-.003	2
106	MP5C	X	0	5
107	MP5C	Z	-6.935	5
108	MP5C	Mx	-.003	5
109	M134	X	0	1
110	M134	Z	-6.416	1
111	M134	Mx	0	1
112	MP3A	X	0	4
113	MP3A	Z	-1.943	4
114	MP3A	Mx	0	4
115	MP3A	X	0	4
116	MP3A	Z	-1.943	4
117	MP3A	Mx	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	.722	1
2	MP1B	Z	-1.251	1
3	MP1B	Mx	.000711	1
4	MP1B	X	.722	4
5	MP1B	Z	-1.251	4
6	MP1B	Mx	.000711	4
7	MP2A	X	1.658	1
8	MP2A	Z	-2.872	1
9	MP2A	Mx	-.000829	1
10	MP2A	X	1.658	4
11	MP2A	Z	-2.872	4
12	MP2A	Mx	-.000829	4
13	MP2C	X	1.831	1
14	MP2C	Z	-3.172	1
15	MP2C	Mx	-.000626	1
16	MP2C	X	1.831	4
17	MP2C	Z	-3.172	4
18	MP2C	Mx	-.000626	4
19	MP4A	X	1.44	.5
20	MP4A	Z	-2.493	.5
21	MP4A	Mx	.00072	.5
22	MP4B	X	1.068	.5
23	MP4B	Z	-1.85	.5
24	MP4B	Mx	-.001	.5
25	MP4C	X	1.508	.5
26	MP4C	Z	-2.612	.5
27	MP4C	Mx	.000516	.5
28	MP5A	X	1.414	.5
29	MP5A	Z	-2.45	.5
30	MP5A	Mx	.000707	.5
31	MP5B	X	.97	.5
32	MP5B	Z	-1.68	.5
33	MP5B	Mx	-.000955	.5
34	MP5C	X	1.496	.5
35	MP5C	Z	-2.592	.5
36	MP5C	Mx	.000512	.5
37	MP4A	X	2.391	2
38	MP4A	Z	-4.141	2
39	MP4A	Mx	-.004	2
40	MP4A	X	2.391	5
41	MP4A	Z	-4.141	5
42	MP4A	Mx	-.004	5
43	MP4B	X	1.247	2
44	MP4B	Z	-2.16	2
45	MP4B	Mx	.000939	2
46	MP4B	X	1.247	5
47	MP4B	Z	-2.16	5
48	MP4B	Mx	.000939	5
49	MP4C	X	2.602	2
50	MP4C	Z	-4.507	2
51	MP4C	Mx	.002	2
52	MP4C	X	2.602	5
53	MP4C	Z	-4.507	5
54	MP4C	Mx	.002	5
55	MP4A	X	2.391	2
56	MP4A	Z	-4.141	2
57	MP4A	Mx	.002	2
58	MP4A	X	2.391	5
59	MP4A	Z	-4.141	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	.002	5
61	MP4B	X	1.247	2
62	MP4B	Z	-2.16	2
63	MP4B	Mx	.002	2
64	MP4B	X	1.247	5
65	MP4B	Z	-2.16	5
66	MP4B	Mx	.002	5
67	MP4C	X	2.602	2
68	MP4C	Z	-4.507	2
69	MP4C	Mx	-.004	2
70	MP4C	X	2.602	5
71	MP4C	Z	-4.507	5
72	MP4C	Mx	-.004	5
73	MP2B	X	4.339	1
74	MP2B	Z	-7.515	1
75	MP2B	Mx	.004	1
76	MP2B	X	4.339	5
77	MP2B	Z	-7.515	5
78	MP2B	Mx	.004	5
79	MP5B	X	4.339	2
80	MP5B	Z	-7.515	2
81	MP5B	Mx	.004	2
82	MP5B	X	4.339	5
83	MP5B	Z	-7.515	5
84	MP5B	Mx	.004	5
85	MP1A	X	2.735	1
86	MP1A	Z	-4.737	1
87	MP1A	Mx	-.001	1
88	MP1A	X	2.735	5
89	MP1A	Z	-4.737	5
90	MP1A	Mx	-.001	5
91	MP1C	X	2.445	1
92	MP1C	Z	-4.236	1
93	MP1C	Mx	-.000837	1
94	MP1C	X	2.445	5
95	MP1C	Z	-4.236	5
96	MP1C	Mx	-.000837	5
97	MP5A	X	2.735	2
98	MP5A	Z	-4.737	2
99	MP5A	Mx	-.001	2
100	MP5A	X	2.735	5
101	MP5A	Z	-4.737	5
102	MP5A	Mx	-.001	5
103	MP5C	X	2.445	2
104	MP5C	Z	-4.236	2
105	MP5C	Mx	-.000837	2
106	MP5C	X	2.445	5
107	MP5C	Z	-4.236	5
108	MP5C	Mx	-.000837	5
109	M134	X	3.016	1
110	M134	Z	-5.223	1
111	M134	Mx	0	1
112	MP3A	X	.802	4
113	MP3A	Z	-1.39	4
114	MP3A	Mx	.000201	4
115	MP3A	X	.802	4
116	MP3A	Z	-1.39	4
117	MP3A	Mx	-.000201	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	2.114	1
2	MP1B	Z	-1.22	1
3	MP1B	Mx	.000935	1
4	MP1B	X	2.114	4
5	MP1B	Z	-1.22	4
6	MP1B	Mx	.000935	4
7	MP2A	X	1.746	1
8	MP2A	Z	-1.008	1
9	MP2A	Mx	-.000873	1
10	MP2A	X	1.746	4
11	MP2A	Z	-1.008	4
12	MP2A	Mx	-.000873	4
13	MP2C	X	3.368	1
14	MP2C	Z	-1.944	1
15	MP2C	Mx	.000338	1
16	MP2C	X	3.368	4
17	MP2C	Z	-1.944	4
18	MP2C	Mx	.000338	4
19	MP4A	X	2.046	.5
20	MP4A	Z	-1.182	.5
21	MP4A	Mx	.001	.5
22	MP4B	X	2.192	.5
23	MP4B	Z	-1.266	.5
24	MP4B	Mx	-.00097	.5
25	MP4C	X	2.69	.5
26	MP4C	Z	-1.553	.5
27	MP4C	Mx	-.00027	.5
28	MP5A	X	1.915	.5
29	MP5A	Z	-1.106	.5
30	MP5A	Mx	.000958	.5
31	MP5B	X	2.089	.5
32	MP5B	Z	-1.206	.5
33	MP5B	Mx	-.000924	.5
34	MP5C	X	2.685	.5
35	MP5C	Z	-1.55	.5
36	MP5C	Mx	-.000269	.5
37	MP4A	X	2.765	2
38	MP4A	Z	-1.596	2
39	MP4A	Mx	-.002	2
40	MP4A	X	2.765	5
41	MP4A	Z	-1.596	5
42	MP4A	Mx	-.002	5
43	MP4B	X	3.214	2
44	MP4B	Z	-1.856	2
45	MP4B	Mx	-.000169	2
46	MP4B	X	3.214	5
47	MP4B	Z	-1.856	5
48	MP4B	Mx	-.000169	5
49	MP4C	X	4.746	2
50	MP4C	Z	-2.74	2
51	MP4C	Mx	.004	2
52	MP4C	X	4.746	5
53	MP4C	Z	-2.74	5
54	MP4C	Mx	.004	5
55	MP4A	X	2.765	2
56	MP4A	Z	-1.596	2
57	MP4A	Mx	-.000318	2
58	MP4A	X	2.765	5
59	MP4A	Z	-1.596	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	-.000318	5
61	MP4B	X	3.214	2
62	MP4B	Z	-1.856	2
63	MP4B	Mx	.003	2
64	MP4B	X	3.214	5
65	MP4B	Z	-1.856	5
66	MP4B	Mx	.003	5
67	MP4C	X	4.746	2
68	MP4C	Z	-2.74	2
69	MP4C	Mx	-.003	2
70	MP4C	X	4.746	5
71	MP4C	Z	-2.74	5
72	MP4C	Mx	-.003	5
73	MP2B	X	7.74	1
74	MP2B	Z	-4.469	1
75	MP2B	Mx	.004	1
76	MP2B	X	7.74	5
77	MP2B	Z	-4.469	5
78	MP2B	Mx	.004	5
79	MP5B	X	7.74	2
80	MP5B	Z	-4.469	2
81	MP5B	Mx	.004	2
82	MP5B	X	7.74	5
83	MP5B	Z	-4.469	5
84	MP5B	Mx	.004	5
85	MP1A	X	6.62	1
86	MP1A	Z	-3.822	1
87	MP1A	Mx	-.003	1
88	MP1A	X	6.62	5
89	MP1A	Z	-3.822	5
90	MP1A	Mx	-.003	5
91	MP1C	X	3.909	1
92	MP1C	Z	-2.257	1
93	MP1C	Mx	.000392	1
94	MP1C	X	3.909	5
95	MP1C	Z	-2.257	5
96	MP1C	Mx	.000392	5
97	MP5A	X	6.62	2
98	MP5A	Z	-3.822	2
99	MP5A	Mx	-.003	2
100	MP5A	X	6.62	5
101	MP5A	Z	-3.822	5
102	MP5A	Mx	-.003	5
103	MP5C	X	3.909	2
104	MP5C	Z	-2.257	2
105	MP5C	Mx	.000392	2
106	MP5C	X	3.909	5
107	MP5C	Z	-2.257	5
108	MP5C	Mx	.000392	5
109	M134	X	4.557	1
110	M134	Z	-2.631	1
111	M134	Mx	0	1
112	MP3A	X	.803	4
113	MP3A	Z	-.464	4
114	MP3A	Mx	.000201	4
115	MP3A	X	.803	4
116	MP3A	Z	-.464	4
117	MP3A	Mx	-.000201	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	3.663	1
2	MP1B	Z	0	1
3	MP1B	Mx	.000626	1
4	MP1B	X	3.663	4
5	MP1B	Z	0	4
6	MP1B	Mx	.000626	4
7	MP2A	X	1.366	1
8	MP2A	Z	0	1
9	MP2A	Mx	-.000683	1
10	MP2A	X	1.366	4
11	MP2A	Z	0	4
12	MP2A	Mx	-.000683	4
13	MP2C	X	2.892	1
14	MP2C	Z	0	1
15	MP2C	Mx	.000929	1
16	MP2C	X	2.892	4
17	MP2C	Z	0	4
18	MP2C	Mx	.000929	4
19	MP4A	X	2.105	.5
20	MP4A	Z	0	.5
21	MP4A	Mx	.001	.5
22	MP4B	X	3.016	.5
23	MP4B	Z	0	.5
24	MP4B	Mx	-.000516	.5
25	MP4C	X	2.711	.5
26	MP4C	Z	0	.5
27	MP4C	Mx	-.000871	.5
28	MP5A	X	1.903	.5
29	MP5A	Z	0	.5
30	MP5A	Mx	.000952	.5
31	MP5B	X	2.993	.5
32	MP5B	Z	0	.5
33	MP5B	Mx	-.000512	.5
34	MP5C	X	2.627	.5
35	MP5C	Z	0	.5
36	MP5C	Mx	-.000844	.5
37	MP4A	X	2.398	2
38	MP4A	Z	0	2
39	MP4A	Mx	-.001	2
40	MP4A	X	2.398	5
41	MP4A	Z	0	5
42	MP4A	Mx	-.001	5
43	MP4B	X	5.204	2
44	MP4B	Z	0	2
45	MP4B	Mx	-.002	2
46	MP4B	X	5.204	5
47	MP4B	Z	0	5
48	MP4B	Mx	-.002	5
49	MP4C	X	4.263	2
50	MP4C	Z	0	2
51	MP4C	Mx	.004	2
52	MP4C	X	4.263	5
53	MP4C	Z	0	5
54	MP4C	Mx	.004	5
55	MP4A	X	2.398	2
56	MP4A	Z	0	2
57	MP4A	Mx	-.001	2
58	MP4A	X	2.398	5
59	MP4A	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	-.001	5
61	MP4B	X	5.204	2
62	MP4B	Z	0	2
63	MP4B	Mx	.004	2
64	MP4B	X	5.204	5
65	MP4B	Z	0	5
66	MP4B	Mx	.004	5
67	MP4C	X	4.263	2
68	MP4C	Z	0	2
69	MP4C	Mx	-.000807	2
70	MP4C	X	4.263	5
71	MP4C	Z	0	5
72	MP4C	Mx	-.000807	5
73	MP2B	X	9.456	1
74	MP2B	Z	0	1
75	MP2B	Mx	.002	1
76	MP2B	X	9.456	5
77	MP2B	Z	0	5
78	MP2B	Mx	.002	5
79	MP5B	X	9.456	2
80	MP5B	Z	0	2
81	MP5B	Mx	.002	2
82	MP5B	X	9.456	5
83	MP5B	Z	0	5
84	MP5B	Mx	.002	5
85	MP1A	X	8.732	1
86	MP1A	Z	0	1
87	MP1A	Mx	-.004	1
88	MP1A	X	8.732	5
89	MP1A	Z	0	5
90	MP1A	Mx	-.004	5
91	MP1C	X	6.179	1
92	MP1C	Z	0	1
93	MP1C	Mx	.002	1
94	MP1C	X	6.179	5
95	MP1C	Z	0	5
96	MP1C	Mx	.002	5
97	MP5A	X	8.732	2
98	MP5A	Z	0	2
99	MP5A	Mx	-.004	2
100	MP5A	X	8.732	5
101	MP5A	Z	0	5
102	MP5A	Mx	-.004	5
103	MP5C	X	6.179	2
104	MP5C	Z	0	2
105	MP5C	Mx	.002	2
106	MP5C	X	6.179	5
107	MP5C	Z	0	5
108	MP5C	Mx	.002	5
109	M134	X	4.878	1
110	M134	Z	0	1
111	M134	Mx	0	1
112	MP3A	X	.589	4
113	MP3A	Z	0	4
114	MP3A	Mx	.000147	4
115	MP3A	X	.589	4
116	MP3A	Z	0	4
117	MP3A	Mx	-.000147	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	3.368	1
2	MP1B	Z	1.944	1
3	MP1B	Mx	-.000337	1
4	MP1B	X	3.368	4
5	MP1B	Z	1.944	4
6	MP1B	Mx	-.000337	4
7	MP2A	X	1.746	1
8	MP2A	Z	1.008	1
9	MP2A	Mx	-.000873	1
10	MP2A	X	1.746	4
11	MP2A	Z	1.008	4
12	MP2A	Mx	-.000873	4
13	MP2C	X	1.447	1
14	MP2C	Z	.835	1
15	MP2C	Mx	.000785	1
16	MP2C	X	1.447	4
17	MP2C	Z	.835	4
18	MP2C	Mx	.000785	4
19	MP4A	X	2.046	.5
20	MP4A	Z	1.182	.5
21	MP4A	Mx	.001	.5
22	MP4B	X	2.69	.5
23	MP4B	Z	1.553	.5
24	MP4B	Mx	.00027	.5
25	MP4C	X	1.928	.5
26	MP4C	Z	1.113	.5
27	MP4C	Mx	-.001	.5
28	MP5A	X	1.915	.5
29	MP5A	Z	1.106	.5
30	MP5A	Mx	.000958	.5
31	MP5B	X	2.685	.5
32	MP5B	Z	1.55	.5
33	MP5B	Mx	.000269	.5
34	MP5C	X	1.773	.5
35	MP5C	Z	1.023	.5
36	MP5C	Mx	-.000962	.5
37	MP4A	X	2.765	2
38	MP4A	Z	1.596	2
39	MP4A	Mx	-.000318	2
40	MP4A	X	2.765	5
41	MP4A	Z	1.596	5
42	MP4A	Mx	-.000318	5
43	MP4B	X	4.746	2
44	MP4B	Z	2.74	2
45	MP4B	Mx	-.004	2
46	MP4B	X	4.746	5
47	MP4B	Z	2.74	5
48	MP4B	Mx	-.004	5
49	MP4C	X	2.399	2
50	MP4C	Z	1.385	2
51	MP4C	Mx	.002	2
52	MP4C	X	2.399	5
53	MP4C	Z	1.385	5
54	MP4C	Mx	.002	5
55	MP4A	X	2.765	2
56	MP4A	Z	1.596	2
57	MP4A	Mx	-.002	2
58	MP4A	X	2.765	5
59	MP4A	Z	1.596	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	-.002	5
61	MP4B	X	4.746	2
62	MP4B	Z	2.74	2
63	MP4B	Mx	.003	2
64	MP4B	X	4.746	5
65	MP4B	Z	2.74	5
66	MP4B	Mx	.003	5
67	MP4C	X	2.399	2
68	MP4C	Z	1.385	2
69	MP4C	Mx	.00067	2
70	MP4C	X	2.399	5
71	MP4C	Z	1.385	5
72	MP4C	Mx	.00067	5
73	MP2B	X	8.414	1
74	MP2B	Z	4.858	1
75	MP2B	Mx	0	1
76	MP2B	X	8.414	5
77	MP2B	Z	4.858	5
78	MP2B	Mx	0	5
79	MP5B	X	8.414	2
80	MP5B	Z	4.858	2
81	MP5B	Mx	0	2
82	MP5B	X	8.414	5
83	MP5B	Z	4.858	5
84	MP5B	Mx	0	5
85	MP1A	X	6.62	1
86	MP1A	Z	3.822	1
87	MP1A	Mx	-.003	1
88	MP1A	X	6.62	5
89	MP1A	Z	3.822	5
90	MP1A	Mx	-.003	5
91	MP1C	X	7.121	1
92	MP1C	Z	4.112	1
93	MP1C	Mx	.004	1
94	MP1C	X	7.121	5
95	MP1C	Z	4.112	5
96	MP1C	Mx	.004	5
97	MP5A	X	6.62	2
98	MP5A	Z	3.822	2
99	MP5A	Mx	-.003	2
100	MP5A	X	6.62	5
101	MP5A	Z	3.822	5
102	MP5A	Mx	-.003	5
103	MP5C	X	7.121	2
104	MP5C	Z	4.112	2
105	MP5C	Mx	.004	2
106	MP5C	X	7.121	5
107	MP5C	Z	4.112	5
108	MP5C	Mx	.004	5
109	M134	X	4.557	1
110	M134	Z	2.631	1
111	M134	Mx	0	1
112	MP3A	X	.803	4
113	MP3A	Z	.464	4
114	MP3A	Mx	.000201	4
115	MP3A	X	.803	4
116	MP3A	Z	.464	4
117	MP3A	Mx	-.000201	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	1.446	1
2	MP1B	Z	2.505	1
3	MP1B	Mx	-.00093	1
4	MP1B	X	1.446	4
5	MP1B	Z	2.505	4
6	MP1B	Mx	-.00093	4
7	MP2A	X	1.658	1
8	MP2A	Z	2.872	1
9	MP2A	Mx	-.000829	1
10	MP2A	X	1.658	4
11	MP2A	Z	2.872	4
12	MP2A	Mx	-.000829	4
13	MP2C	X	.722	1
14	MP2C	Z	1.251	1
15	MP2C	Mx	.000711	1
16	MP2C	X	.722	4
17	MP2C	Z	1.251	4
18	MP2C	Mx	.000711	4
19	MP4A	X	1.44	.5
20	MP4A	Z	2.493	.5
21	MP4A	Mx	.00072	.5
22	MP4B	X	1.355	.5
23	MP4B	Z	2.348	.5
24	MP4B	Mx	.000871	.5
25	MP4C	X	1.068	.5
26	MP4C	Z	1.85	.5
27	MP4C	Mx	-.001	.5
28	MP5A	X	1.414	.5
29	MP5A	Z	2.45	.5
30	MP5A	Mx	.000707	.5
31	MP5B	X	1.314	.5
32	MP5B	Z	2.275	.5
33	MP5B	Mx	.000844	.5
34	MP5C	X	.97	.5
35	MP5C	Z	1.68	.5
36	MP5C	Mx	-.000955	.5
37	MP4A	X	2.391	2
38	MP4A	Z	4.141	2
39	MP4A	Mx	.002	2
40	MP4A	X	2.391	5
41	MP4A	Z	4.141	5
42	MP4A	Mx	.002	5
43	MP4B	X	2.132	2
44	MP4B	Z	3.692	2
45	MP4B	Mx	-.004	2
46	MP4B	X	2.132	5
47	MP4B	Z	3.692	5
48	MP4B	Mx	-.004	5
49	MP4C	X	1.247	2
50	MP4C	Z	2.16	2
51	MP4C	Mx	.000939	2
52	MP4C	X	1.247	5
53	MP4C	Z	2.16	5
54	MP4C	Mx	.000939	5
55	MP4A	X	2.391	2
56	MP4A	Z	4.141	2
57	MP4A	Mx	-.004	2
58	MP4A	X	2.391	5
59	MP4A	Z	4.141	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	-.004	5
61	MP4B	X	2.132	2
62	MP4B	Z	3.692	2
63	MP4B	Mx	.000807	2
64	MP4B	X	2.132	5
65	MP4B	Z	3.692	5
66	MP4B	Mx	.000807	5
67	MP4C	X	1.247	2
68	MP4C	Z	2.16	2
69	MP4C	Mx	.002	2
70	MP4C	X	1.247	5
71	MP4C	Z	2.16	5
72	MP4C	Mx	.002	5
73	MP2B	X	4.728	1
74	MP2B	Z	8.189	1
75	MP2B	Mx	-.002	1
76	MP2B	X	4.728	5
77	MP2B	Z	8.189	5
78	MP2B	Mx	-.002	5
79	MP5B	X	4.728	2
80	MP5B	Z	8.189	2
81	MP5B	Mx	-.002	2
82	MP5B	X	4.728	5
83	MP5B	Z	8.189	5
84	MP5B	Mx	-.002	5
85	MP1A	X	2.735	1
86	MP1A	Z	4.737	1
87	MP1A	Mx	-.001	1
88	MP1A	X	2.735	5
89	MP1A	Z	4.737	5
90	MP1A	Mx	-.001	5
91	MP1C	X	4.3	1
92	MP1C	Z	7.448	1
93	MP1C	Mx	.004	1
94	MP1C	X	4.3	5
95	MP1C	Z	7.448	5
96	MP1C	Mx	.004	5
97	MP5A	X	2.735	2
98	MP5A	Z	4.737	2
99	MP5A	Mx	-.001	2
100	MP5A	X	2.735	5
101	MP5A	Z	4.737	5
102	MP5A	Mx	-.001	5
103	MP5C	X	4.3	2
104	MP5C	Z	7.448	2
105	MP5C	Mx	.004	2
106	MP5C	X	4.3	5
107	MP5C	Z	7.448	5
108	MP5C	Mx	.004	5
109	M134	X	3.016	1
110	M134	Z	5.223	1
111	M134	Mx	0	1
112	MP3A	X	.802	4
113	MP3A	Z	1.39	4
114	MP3A	Mx	.000201	4
115	MP3A	X	.802	4
116	MP3A	Z	1.39	4
117	MP3A	Mx	-.000201	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	0	1
2	MP1B	Z	1.67	1
3	MP1B	Mx	-.000785	1
4	MP1B	X	0	4
5	MP1B	Z	1.67	4
6	MP1B	Mx	-.000785	4
7	MP2A	X	0	1
8	MP2A	Z	3.967	1
9	MP2A	Mx	0	1
10	MP2A	X	0	4
11	MP2A	Z	3.967	4
12	MP2A	Mx	0	4
13	MP2C	X	0	1
14	MP2C	Z	2.441	1
15	MP2C	Mx	.000935	1
16	MP2C	X	0	4
17	MP2C	Z	2.441	4
18	MP2C	Mx	.000935	4
19	MP4A	X	0	.5
20	MP4A	Z	3.137	.5
21	MP4A	Mx	0	.5
22	MP4B	X	0	.5
23	MP4B	Z	2.226	.5
24	MP4B	Mx	.001	.5
25	MP4C	X	0	.5
26	MP4C	Z	2.531	.5
27	MP4C	Mx	-.000969	.5
28	MP5A	X	0	.5
29	MP5A	Z	3.137	.5
30	MP5A	Mx	0	.5
31	MP5B	X	0	.5
32	MP5B	Z	2.047	.5
33	MP5B	Mx	.000962	.5
34	MP5C	X	0	.5
35	MP5C	Z	2.413	.5
36	MP5C	Mx	-.000924	.5
37	MP4A	X	0	2
38	MP4A	Z	5.576	2
39	MP4A	Mx	.004	2
40	MP4A	X	0	5
41	MP4A	Z	5.576	5
42	MP4A	Mx	.004	5
43	MP4B	X	0	2
44	MP4B	Z	2.77	2
45	MP4B	Mx	-.002	2
46	MP4B	X	0	5
47	MP4B	Z	2.77	5
48	MP4B	Mx	-.002	5
49	MP4C	X	0	2
50	MP4C	Z	3.711	2
51	MP4C	Mx	-.000169	2
52	MP4C	X	0	5
53	MP4C	Z	3.711	5
54	MP4C	Mx	-.000169	5
55	MP4A	X	0	2
56	MP4A	Z	5.576	2
57	MP4A	Mx	-.004	2
58	MP4A	X	0	5
59	MP4A	Z	5.576	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	-.004	5
61	MP4B	X	0	2
62	MP4B	Z	2.77	2
63	MP4B	Mx	-.00067	2
64	MP4B	X	0	5
65	MP4B	Z	2.77	5
66	MP4B	Mx	-.00067	5
67	MP4C	X	0	2
68	MP4C	Z	3.711	2
69	MP4C	Mx	.003	2
70	MP4C	X	0	5
71	MP4C	Z	3.711	5
72	MP4C	Mx	.003	5
73	MP2B	X	0	1
74	MP2B	Z	8.937	1
75	MP2B	Mx	-.004	1
76	MP2B	X	0	5
77	MP2B	Z	8.937	5
78	MP2B	Mx	-.004	5
79	MP5B	X	0	2
80	MP5B	Z	8.937	2
81	MP5B	Mx	-.004	2
82	MP5B	X	0	5
83	MP5B	Z	8.937	5
84	MP5B	Mx	-.004	5
85	MP1A	X	0	1
86	MP1A	Z	4.382	1
87	MP1A	Mx	0	1
88	MP1A	X	0	5
89	MP1A	Z	4.382	5
90	MP1A	Mx	0	5
91	MP1C	X	0	1
92	MP1C	Z	6.935	1
93	MP1C	Mx	.003	1
94	MP1C	X	0	5
95	MP1C	Z	6.935	5
96	MP1C	Mx	.003	5
97	MP5A	X	0	2
98	MP5A	Z	4.382	2
99	MP5A	Mx	0	2
100	MP5A	X	0	5
101	MP5A	Z	4.382	5
102	MP5A	Mx	0	5
103	MP5C	X	0	2
104	MP5C	Z	6.935	2
105	MP5C	Mx	.003	2
106	MP5C	X	0	5
107	MP5C	Z	6.935	5
108	MP5C	Mx	.003	5
109	M134	X	0	1
110	M134	Z	6.416	1
111	M134	Mx	0	1
112	MP3A	X	0	4
113	MP3A	Z	1.943	4
114	MP3A	Mx	0	4
115	MP3A	X	0	4
116	MP3A	Z	1.943	4
117	MP3A	Mx	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-.722	1
2	MP1B	Z	1.251	1
3	MP1B	Mx	-.000711	1
4	MP1B	X	-.722	4
5	MP1B	Z	1.251	4
6	MP1B	Mx	-.000711	4
7	MP2A	X	-1.658	1
8	MP2A	Z	2.872	1
9	MP2A	Mx	.000829	1
10	MP2A	X	-1.658	4
11	MP2A	Z	2.872	4
12	MP2A	Mx	.000829	4
13	MP2C	X	-1.831	1
14	MP2C	Z	3.172	1
15	MP2C	Mx	.000626	1
16	MP2C	X	-1.831	4
17	MP2C	Z	3.172	4
18	MP2C	Mx	.000626	4
19	MP4A	X	-1.44	.5
20	MP4A	Z	2.493	.5
21	MP4A	Mx	-.00072	.5
22	MP4B	X	-1.068	.5
23	MP4B	Z	1.85	.5
24	MP4B	Mx	.001	.5
25	MP4C	X	-1.508	.5
26	MP4C	Z	2.612	.5
27	MP4C	Mx	-.000516	.5
28	MP5A	X	-1.414	.5
29	MP5A	Z	2.45	.5
30	MP5A	Mx	-.000707	.5
31	MP5B	X	-.97	.5
32	MP5B	Z	1.68	.5
33	MP5B	Mx	.000955	.5
34	MP5C	X	-1.496	.5
35	MP5C	Z	2.592	.5
36	MP5C	Mx	-.000512	.5
37	MP4A	X	-2.391	2
38	MP4A	Z	4.141	2
39	MP4A	Mx	.004	2
40	MP4A	X	-2.391	5
41	MP4A	Z	4.141	5
42	MP4A	Mx	.004	5
43	MP4B	X	-1.247	2
44	MP4B	Z	2.16	2
45	MP4B	Mx	-.000939	2
46	MP4B	X	-1.247	5
47	MP4B	Z	2.16	5
48	MP4B	Mx	-.000939	5
49	MP4C	X	-2.602	2
50	MP4C	Z	4.507	2
51	MP4C	Mx	-.002	2
52	MP4C	X	-2.602	5
53	MP4C	Z	4.507	5
54	MP4C	Mx	-.002	5
55	MP4A	X	-2.391	2
56	MP4A	Z	4.141	2
57	MP4A	Mx	-.002	2
58	MP4A	X	-2.391	5
59	MP4A	Z	4.141	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	-.002	5
61	MP4B	X	-1.247	2
62	MP4B	Z	2.16	2
63	MP4B	Mx	-.002	2
64	MP4B	X	-1.247	5
65	MP4B	Z	2.16	5
66	MP4B	Mx	-.002	5
67	MP4C	X	-2.602	2
68	MP4C	Z	4.507	2
69	MP4C	Mx	.004	2
70	MP4C	X	-2.602	5
71	MP4C	Z	4.507	5
72	MP4C	Mx	.004	5
73	MP2B	X	-4.339	1
74	MP2B	Z	7.515	1
75	MP2B	Mx	-.004	1
76	MP2B	X	-4.339	5
77	MP2B	Z	7.515	5
78	MP2B	Mx	-.004	5
79	MP5B	X	-4.339	2
80	MP5B	Z	7.515	2
81	MP5B	Mx	-.004	2
82	MP5B	X	-4.339	5
83	MP5B	Z	7.515	5
84	MP5B	Mx	-.004	5
85	MP1A	X	-2.735	1
86	MP1A	Z	4.737	1
87	MP1A	Mx	.001	1
88	MP1A	X	-2.735	5
89	MP1A	Z	4.737	5
90	MP1A	Mx	.001	5
91	MP1C	X	-2.445	1
92	MP1C	Z	4.236	1
93	MP1C	Mx	.000837	1
94	MP1C	X	-2.445	5
95	MP1C	Z	4.236	5
96	MP1C	Mx	.000837	5
97	MP5A	X	-2.735	2
98	MP5A	Z	4.737	2
99	MP5A	Mx	.001	2
100	MP5A	X	-2.735	5
101	MP5A	Z	4.737	5
102	MP5A	Mx	.001	5
103	MP5C	X	-2.445	2
104	MP5C	Z	4.236	2
105	MP5C	Mx	.000837	2
106	MP5C	X	-2.445	5
107	MP5C	Z	4.236	5
108	MP5C	Mx	.000837	5
109	M134	X	-3.016	1
110	M134	Z	5.223	1
111	M134	Mx	0	1
112	MP3A	X	-.802	4
113	MP3A	Z	1.39	4
114	MP3A	Mx	-.000201	4
115	MP3A	X	-.802	4
116	MP3A	Z	1.39	4
117	MP3A	Mx	.000201	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-2.114	1
2	MP1B	Z	1.22	1
3	MP1B	Mx	-.000935	1
4	MP1B	X	-2.114	4
5	MP1B	Z	1.22	4
6	MP1B	Mx	-.000935	4
7	MP2A	X	-1.746	1
8	MP2A	Z	1.008	1
9	MP2A	Mx	.000873	1
10	MP2A	X	-1.746	4
11	MP2A	Z	1.008	4
12	MP2A	Mx	.000873	4
13	MP2C	X	-3.368	1
14	MP2C	Z	1.944	1
15	MP2C	Mx	-.000338	1
16	MP2C	X	-3.368	4
17	MP2C	Z	1.944	4
18	MP2C	Mx	-.000338	4
19	MP4A	X	-2.046	.5
20	MP4A	Z	1.182	.5
21	MP4A	Mx	-.001	.5
22	MP4B	X	-2.192	.5
23	MP4B	Z	1.266	.5
24	MP4B	Mx	.00097	.5
25	MP4C	X	-2.69	.5
26	MP4C	Z	1.553	.5
27	MP4C	Mx	.00027	.5
28	MP5A	X	-1.915	.5
29	MP5A	Z	1.106	.5
30	MP5A	Mx	-.000958	.5
31	MP5B	X	-2.089	.5
32	MP5B	Z	1.206	.5
33	MP5B	Mx	.000924	.5
34	MP5C	X	-2.685	.5
35	MP5C	Z	1.55	.5
36	MP5C	Mx	.000269	.5
37	MP4A	X	-2.765	2
38	MP4A	Z	1.596	2
39	MP4A	Mx	.002	2
40	MP4A	X	-2.765	5
41	MP4A	Z	1.596	5
42	MP4A	Mx	.002	5
43	MP4B	X	-3.214	2
44	MP4B	Z	1.856	2
45	MP4B	Mx	.000169	2
46	MP4B	X	-3.214	5
47	MP4B	Z	1.856	5
48	MP4B	Mx	.000169	5
49	MP4C	X	-4.746	2
50	MP4C	Z	2.74	2
51	MP4C	Mx	-.004	2
52	MP4C	X	-4.746	5
53	MP4C	Z	2.74	5
54	MP4C	Mx	-.004	5
55	MP4A	X	-2.765	2
56	MP4A	Z	1.596	2
57	MP4A	Mx	.000318	2
58	MP4A	X	-2.765	5
59	MP4A	Z	1.596	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	.000318	5
61	MP4B	X	-3.214	2
62	MP4B	Z	1.856	2
63	MP4B	Mx	-.003	2
64	MP4B	X	-3.214	5
65	MP4B	Z	1.856	5
66	MP4B	Mx	-.003	5
67	MP4C	X	-4.746	2
68	MP4C	Z	2.74	2
69	MP4C	Mx	.003	2
70	MP4C	X	-4.746	5
71	MP4C	Z	2.74	5
72	MP4C	Mx	.003	5
73	MP2B	X	-7.74	1
74	MP2B	Z	4.469	1
75	MP2B	Mx	-.004	1
76	MP2B	X	-7.74	5
77	MP2B	Z	4.469	5
78	MP2B	Mx	-.004	5
79	MP5B	X	-7.74	2
80	MP5B	Z	4.469	2
81	MP5B	Mx	-.004	2
82	MP5B	X	-7.74	5
83	MP5B	Z	4.469	5
84	MP5B	Mx	-.004	5
85	MP1A	X	-6.62	1
86	MP1A	Z	3.822	1
87	MP1A	Mx	.003	1
88	MP1A	X	-6.62	5
89	MP1A	Z	3.822	5
90	MP1A	Mx	.003	5
91	MP1C	X	-3.909	1
92	MP1C	Z	2.257	1
93	MP1C	Mx	-.000392	1
94	MP1C	X	-3.909	5
95	MP1C	Z	2.257	5
96	MP1C	Mx	-.000392	5
97	MP5A	X	-6.62	2
98	MP5A	Z	3.822	2
99	MP5A	Mx	.003	2
100	MP5A	X	-6.62	5
101	MP5A	Z	3.822	5
102	MP5A	Mx	.003	5
103	MP5C	X	-3.909	2
104	MP5C	Z	2.257	2
105	MP5C	Mx	-.000392	2
106	MP5C	X	-3.909	5
107	MP5C	Z	2.257	5
108	MP5C	Mx	-.000392	5
109	M134	X	-4.557	1
110	M134	Z	2.631	1
111	M134	Mx	0	1
112	MP3A	X	-.803	4
113	MP3A	Z	.464	4
114	MP3A	Mx	-.000201	4
115	MP3A	X	-.803	4
116	MP3A	Z	.464	4
117	MP3A	Mx	.000201	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-3.663	1
2	MP1B	Z	0	1
3	MP1B	Mx	-.000626	1
4	MP1B	X	-3.663	4
5	MP1B	Z	0	4
6	MP1B	Mx	-.000626	4
7	MP2A	X	-1.366	1
8	MP2A	Z	0	1
9	MP2A	Mx	.000683	1
10	MP2A	X	-1.366	4
11	MP2A	Z	0	4
12	MP2A	Mx	.000683	4
13	MP2C	X	-2.892	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.000929	1
16	MP2C	X	-2.892	4
17	MP2C	Z	0	4
18	MP2C	Mx	-.000929	4
19	MP4A	X	-2.105	.5
20	MP4A	Z	0	.5
21	MP4A	Mx	-.001	.5
22	MP4B	X	-3.016	.5
23	MP4B	Z	0	.5
24	MP4B	Mx	.000516	.5
25	MP4C	X	-2.711	.5
26	MP4C	Z	0	.5
27	MP4C	Mx	.000871	.5
28	MP5A	X	-1.903	.5
29	MP5A	Z	0	.5
30	MP5A	Mx	-.000952	.5
31	MP5B	X	-2.993	.5
32	MP5B	Z	0	.5
33	MP5B	Mx	.000512	.5
34	MP5C	X	-2.627	.5
35	MP5C	Z	0	.5
36	MP5C	Mx	.000844	.5
37	MP4A	X	-2.398	2
38	MP4A	Z	0	2
39	MP4A	Mx	.001	2
40	MP4A	X	-2.398	5
41	MP4A	Z	0	5
42	MP4A	Mx	.001	5
43	MP4B	X	-5.204	2
44	MP4B	Z	0	2
45	MP4B	Mx	.002	2
46	MP4B	X	-5.204	5
47	MP4B	Z	0	5
48	MP4B	Mx	.002	5
49	MP4C	X	-4.263	2
50	MP4C	Z	0	2
51	MP4C	Mx	-.004	2
52	MP4C	X	-4.263	5
53	MP4C	Z	0	5
54	MP4C	Mx	-.004	5
55	MP4A	X	-2.398	2
56	MP4A	Z	0	2
57	MP4A	Mx	.001	2
58	MP4A	X	-2.398	5
59	MP4A	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	.001	5
61	MP4B	X	-5.204	2
62	MP4B	Z	0	2
63	MP4B	Mx	-.004	2
64	MP4B	X	-5.204	5
65	MP4B	Z	0	5
66	MP4B	Mx	-.004	5
67	MP4C	X	-4.263	2
68	MP4C	Z	0	2
69	MP4C	Mx	.000807	2
70	MP4C	X	-4.263	5
71	MP4C	Z	0	5
72	MP4C	Mx	.000807	5
73	MP2B	X	-9.456	1
74	MP2B	Z	0	1
75	MP2B	Mx	-.002	1
76	MP2B	X	-9.456	5
77	MP2B	Z	0	5
78	MP2B	Mx	-.002	5
79	MP5B	X	-9.456	2
80	MP5B	Z	0	2
81	MP5B	Mx	-.002	2
82	MP5B	X	-9.456	5
83	MP5B	Z	0	5
84	MP5B	Mx	-.002	5
85	MP1A	X	-8.732	1
86	MP1A	Z	0	1
87	MP1A	Mx	.004	1
88	MP1A	X	-8.732	5
89	MP1A	Z	0	5
90	MP1A	Mx	.004	5
91	MP1C	X	-6.179	1
92	MP1C	Z	0	1
93	MP1C	Mx	-.002	1
94	MP1C	X	-6.179	5
95	MP1C	Z	0	5
96	MP1C	Mx	-.002	5
97	MP5A	X	-8.732	2
98	MP5A	Z	0	2
99	MP5A	Mx	.004	2
100	MP5A	X	-8.732	5
101	MP5A	Z	0	5
102	MP5A	Mx	.004	5
103	MP5C	X	-6.179	2
104	MP5C	Z	0	2
105	MP5C	Mx	-.002	2
106	MP5C	X	-6.179	5
107	MP5C	Z	0	5
108	MP5C	Mx	-.002	5
109	M134	X	-4.878	1
110	M134	Z	0	1
111	M134	Mx	0	1
112	MP3A	X	-.589	4
113	MP3A	Z	0	4
114	MP3A	Mx	-.000147	4
115	MP3A	X	-.589	4
116	MP3A	Z	0	4
117	MP3A	Mx	.000147	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-3.368	1
2	MP1B	Z	-1.944	1
3	MP1B	Mx	.000337	1
4	MP1B	X	-3.368	4
5	MP1B	Z	-1.944	4
6	MP1B	Mx	.000337	4
7	MP2A	X	-1.746	1
8	MP2A	Z	-1.008	1
9	MP2A	Mx	.000873	1
10	MP2A	X	-1.746	4
11	MP2A	Z	-1.008	4
12	MP2A	Mx	.000873	4
13	MP2C	X	-1.447	1
14	MP2C	Z	-.835	1
15	MP2C	Mx	-.000785	1
16	MP2C	X	-1.447	4
17	MP2C	Z	-.835	4
18	MP2C	Mx	-.000785	4
19	MP4A	X	-2.046	.5
20	MP4A	Z	-1.182	.5
21	MP4A	Mx	-.001	.5
22	MP4B	X	-2.69	.5
23	MP4B	Z	-1.553	.5
24	MP4B	Mx	-.00027	.5
25	MP4C	X	-1.928	.5
26	MP4C	Z	-1.113	.5
27	MP4C	Mx	.001	.5
28	MP5A	X	-1.915	.5
29	MP5A	Z	-1.106	.5
30	MP5A	Mx	-.000958	.5
31	MP5B	X	-2.685	.5
32	MP5B	Z	-1.55	.5
33	MP5B	Mx	-.000269	.5
34	MP5C	X	-1.773	.5
35	MP5C	Z	-1.023	.5
36	MP5C	Mx	.000962	.5
37	MP4A	X	-2.765	2
38	MP4A	Z	-1.596	2
39	MP4A	Mx	.000318	2
40	MP4A	X	-2.765	5
41	MP4A	Z	-1.596	5
42	MP4A	Mx	.000318	5
43	MP4B	X	-4.746	2
44	MP4B	Z	-2.74	2
45	MP4B	Mx	.004	2
46	MP4B	X	-4.746	5
47	MP4B	Z	-2.74	5
48	MP4B	Mx	.004	5
49	MP4C	X	-2.399	2
50	MP4C	Z	-1.385	2
51	MP4C	Mx	-.002	2
52	MP4C	X	-2.399	5
53	MP4C	Z	-1.385	5
54	MP4C	Mx	-.002	5
55	MP4A	X	-2.765	2
56	MP4A	Z	-1.596	2
57	MP4A	Mx	.002	2
58	MP4A	X	-2.765	5
59	MP4A	Z	-1.596	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	.002	5
61	MP4B	X	-4.746	2
62	MP4B	Z	-2.74	2
63	MP4B	Mx	-.003	2
64	MP4B	X	-4.746	5
65	MP4B	Z	-2.74	5
66	MP4B	Mx	-.003	5
67	MP4C	X	-2.399	2
68	MP4C	Z	-1.385	2
69	MP4C	Mx	-.00067	2
70	MP4C	X	-2.399	5
71	MP4C	Z	-1.385	5
72	MP4C	Mx	-.00067	5
73	MP2B	X	-8.414	1
74	MP2B	Z	-4.858	1
75	MP2B	Mx	0	1
76	MP2B	X	-8.414	5
77	MP2B	Z	-4.858	5
78	MP2B	Mx	0	5
79	MP5B	X	-8.414	2
80	MP5B	Z	-4.858	2
81	MP5B	Mx	0	2
82	MP5B	X	-8.414	5
83	MP5B	Z	-4.858	5
84	MP5B	Mx	0	5
85	MP1A	X	-6.62	1
86	MP1A	Z	-3.822	1
87	MP1A	Mx	.003	1
88	MP1A	X	-6.62	5
89	MP1A	Z	-3.822	5
90	MP1A	Mx	.003	5
91	MP1C	X	-7.121	1
92	MP1C	Z	-4.112	1
93	MP1C	Mx	-.004	1
94	MP1C	X	-7.121	5
95	MP1C	Z	-4.112	5
96	MP1C	Mx	-.004	5
97	MP5A	X	-6.62	2
98	MP5A	Z	-3.822	2
99	MP5A	Mx	.003	2
100	MP5A	X	-6.62	5
101	MP5A	Z	-3.822	5
102	MP5A	Mx	.003	5
103	MP5C	X	-7.121	2
104	MP5C	Z	-4.112	2
105	MP5C	Mx	-.004	2
106	MP5C	X	-7.121	5
107	MP5C	Z	-4.112	5
108	MP5C	Mx	-.004	5
109	M134	X	-4.557	1
110	M134	Z	-2.631	1
111	M134	Mx	0	1
112	MP3A	X	-.803	4
113	MP3A	Z	-.464	4
114	MP3A	Mx	-.000201	4
115	MP3A	X	-.803	4
116	MP3A	Z	-.464	4
117	MP3A	Mx	.000201	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-1.446	1
2	MP1B	Z	-2.505	1
3	MP1B	Mx	.00093	1
4	MP1B	X	-1.446	4
5	MP1B	Z	-2.505	4
6	MP1B	Mx	.00093	4
7	MP2A	X	-1.658	1
8	MP2A	Z	-2.872	1
9	MP2A	Mx	.000829	1
10	MP2A	X	-1.658	4
11	MP2A	Z	-2.872	4
12	MP2A	Mx	.000829	4
13	MP2C	X	-.722	1
14	MP2C	Z	-1.251	1
15	MP2C	Mx	-.000711	1
16	MP2C	X	-.722	4
17	MP2C	Z	-1.251	4
18	MP2C	Mx	-.000711	4
19	MP4A	X	-1.44	.5
20	MP4A	Z	-2.493	.5
21	MP4A	Mx	-.00072	.5
22	MP4B	X	-1.355	.5
23	MP4B	Z	-2.348	.5
24	MP4B	Mx	-.000871	.5
25	MP4C	X	-1.068	.5
26	MP4C	Z	-1.85	.5
27	MP4C	Mx	.001	.5
28	MP5A	X	-1.414	.5
29	MP5A	Z	-2.45	.5
30	MP5A	Mx	-.000707	.5
31	MP5B	X	-1.314	.5
32	MP5B	Z	-2.275	.5
33	MP5B	Mx	-.000844	.5
34	MP5C	X	-.97	.5
35	MP5C	Z	-1.68	.5
36	MP5C	Mx	.000955	.5
37	MP4A	X	-2.391	2
38	MP4A	Z	-4.141	2
39	MP4A	Mx	-.002	2
40	MP4A	X	-2.391	5
41	MP4A	Z	-4.141	5
42	MP4A	Mx	-.002	5
43	MP4B	X	-2.132	2
44	MP4B	Z	-3.692	2
45	MP4B	Mx	.004	2
46	MP4B	X	-2.132	5
47	MP4B	Z	-3.692	5
48	MP4B	Mx	.004	5
49	MP4C	X	-1.247	2
50	MP4C	Z	-2.16	2
51	MP4C	Mx	-.000939	2
52	MP4C	X	-1.247	5
53	MP4C	Z	-2.16	5
54	MP4C	Mx	-.000939	5
55	MP4A	X	-2.391	2
56	MP4A	Z	-4.141	2
57	MP4A	Mx	.004	2
58	MP4A	X	-2.391	5
59	MP4A	Z	-4.141	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	.004	5
61	MP4B	X	-2.132	2
62	MP4B	Z	-3.692	2
63	MP4B	Mx	-.000807	2
64	MP4B	X	-2.132	5
65	MP4B	Z	-3.692	5
66	MP4B	Mx	-.000807	5
67	MP4C	X	-1.247	2
68	MP4C	Z	-2.16	2
69	MP4C	Mx	-.002	2
70	MP4C	X	-1.247	5
71	MP4C	Z	-2.16	5
72	MP4C	Mx	-.002	5
73	MP2B	X	-4.728	1
74	MP2B	Z	-8.189	1
75	MP2B	Mx	.002	1
76	MP2B	X	-4.728	5
77	MP2B	Z	-8.189	5
78	MP2B	Mx	.002	5
79	MP5B	X	-4.728	2
80	MP5B	Z	-8.189	2
81	MP5B	Mx	.002	2
82	MP5B	X	-4.728	5
83	MP5B	Z	-8.189	5
84	MP5B	Mx	.002	5
85	MP1A	X	-2.735	1
86	MP1A	Z	-4.737	1
87	MP1A	Mx	.001	1
88	MP1A	X	-2.735	5
89	MP1A	Z	-4.737	5
90	MP1A	Mx	.001	5
91	MP1C	X	-4.3	1
92	MP1C	Z	-7.448	1
93	MP1C	Mx	-.004	1
94	MP1C	X	-4.3	5
95	MP1C	Z	-7.448	5
96	MP1C	Mx	-.004	5
97	MP5A	X	-2.735	2
98	MP5A	Z	-4.737	2
99	MP5A	Mx	.001	2
100	MP5A	X	-2.735	5
101	MP5A	Z	-4.737	5
102	MP5A	Mx	.001	5
103	MP5C	X	-4.3	2
104	MP5C	Z	-7.448	2
105	MP5C	Mx	-.004	2
106	MP5C	X	-4.3	5
107	MP5C	Z	-7.448	5
108	MP5C	Mx	-.004	5
109	M134	X	-3.016	1
110	M134	Z	-5.223	1
111	M134	Mx	0	1
112	MP3A	X	-.802	4
113	MP3A	Z	-1.39	4
114	MP3A	Mx	-.000201	4
115	MP3A	X	-.802	4
116	MP3A	Z	-1.39	4
117	MP3A	Mx	.000201	4

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-500	%9

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-500	%25.4

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-250	0

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	Y	-1.691	1
2	MP1B	My	.000289	1
3	MP1B	Mz	-.000794	1
4	MP1B	Y	-1.691	4
5	MP1B	My	.000289	4
6	MP1B	Mz	-.000794	4
7	MP2A	Y	-1.691	1
8	MP2A	My	-.000845	1
9	MP2A	Mz	0	1
10	MP2A	Y	-1.691	4
11	MP2A	My	-.000845	4
12	MP2A	Mz	0	4
13	MP2C	Y	-1.691	1
14	MP2C	My	.000543	1
15	MP2C	Mz	.000648	1
16	MP2C	Y	-1.691	4
17	MP2C	My	.000543	4
18	MP2C	Mz	.000648	4
19	MP4A	Y	-2.9	.5
20	MP4A	My	.001	.5
21	MP4A	Mz	0	.5
22	MP4B	Y	-2.9	.5
23	MP4B	My	-.000496	.5
24	MP4B	Mz	.001	.5
25	MP4C	Y	-2.9	.5
26	MP4C	My	-.000932	.5
27	MP4C	Mz	-.001	.5
28	MP5A	Y	-2.73	.5
29	MP5A	My	.001	.5
30	MP5A	Mz	0	.5
31	MP5B	Y	-2.73	.5
32	MP5B	My	-.000467	.5
33	MP5B	Mz	.001	.5
34	MP5C	Y	-2.73	.5
35	MP5C	My	-.000877	.5
36	MP5C	Mz	-.001	.5
37	MP4A	Y	-.777	2
38	MP4A	My	-.000388	2
39	MP4A	Mz	.000518	2
40	MP4A	Y	-.777	5
41	MP4A	My	-.000388	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP4A	Mz	.000518	5
43	MP4B	Y	-.777	2
44	MP4B	My	-.000354	2
45	MP4B	Mz	-.000542	2
46	MP4B	Y	-.777	5
47	MP4B	My	-.000354	5
48	MP4B	Mz	-.000542	5
49	MP4C	Y	-.777	2
50	MP4C	My	.000646	2
51	MP4C	Mz	-3.5e-5	2
52	MP4C	Y	-.777	5
53	MP4C	My	.000646	5
54	MP4C	Mz	-3.5e-5	5
55	MP4A	Y	-.777	2
56	MP4A	My	-.000388	2
57	MP4A	Mz	-.000518	2
58	MP4A	Y	-.777	5
59	MP4A	My	-.000388	5
60	MP4A	Mz	-.000518	5
61	MP4B	Y	-.777	2
62	MP4B	My	.000619	2
63	MP4B	Mz	-.000188	2
64	MP4B	Y	-.777	5
65	MP4B	My	.000619	5
66	MP4B	Mz	-.000188	5
67	MP4C	Y	-.777	2
68	MP4C	My	-.000147	2
69	MP4C	Mz	.00063	2
70	MP4C	Y	-.777	5
71	MP4C	My	-.000147	5
72	MP4C	Mz	.00063	5
73	MP2B	Y	-.524	1
74	MP2B	My	.000131	1
75	MP2B	Mz	-.000227	1
76	MP2B	Y	-.524	5
77	MP2B	My	.000131	5
78	MP2B	Mz	-.000227	5
79	MP5B	Y	-.524	2
80	MP5B	My	.000131	2
81	MP5B	Mz	-.000227	2
82	MP5B	Y	-.524	5
83	MP5B	My	.000131	5
84	MP5B	Mz	-.000227	5
85	MP1A	Y	-.408	1
86	MP1A	My	-.000204	1
87	MP1A	Mz	0	1
88	MP1A	Y	-.408	5
89	MP1A	My	-.000204	5
90	MP1A	Mz	0	5
91	MP1C	Y	-.408	1
92	MP1C	My	.000131	1
93	MP1C	Mz	.000156	1
94	MP1C	Y	-.408	5
95	MP1C	My	.000131	5
96	MP1C	Mz	.000156	5
97	MP5A	Y	-.408	2
98	MP5A	My	-.000204	2
99	MP5A	Mz	0	2
100	MP5A	Y	-.408	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP5A	My	-.000204	5
102	MP5A	Mz	0	5
103	MP5C	Y	-.408	2
104	MP5C	My	.000131	2
105	MP5C	Mz	.000156	2
106	MP5C	Y	-.408	5
107	MP5C	My	.000131	5
108	MP5C	Mz	.000156	5
109	M134	Y	-1.242	1
110	M134	My	0	1
111	M134	Mz	0	1
112	MP3A	Y	-.683	4
113	MP3A	My	.000171	4
114	MP3A	Mz	0	4
115	MP3A	Y	-.683	4
116	MP3A	My	-.000171	4
117	MP3A	Mz	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	Z	-4.227	1
2	MP1B	Mx	.002	1
3	MP1B	Z	-4.227	4
4	MP1B	Mx	.002	4
5	MP2A	Z	-4.227	1
6	MP2A	Mx	0	1
7	MP2A	Z	-4.227	4
8	MP2A	Mx	0	4
9	MP2C	Z	-4.227	1
10	MP2C	Mx	-.002	1
11	MP2C	Z	-4.227	4
12	MP2C	Mx	-.002	4
13	MP4A	Z	-7.251	.5
14	MP4A	Mx	0	.5
15	MP4B	Z	-7.251	.5
16	MP4B	Mx	-.003	.5
17	MP4C	Z	-7.251	.5
18	MP4C	Mx	.003	.5
19	MP5A	Z	-6.824	.5
20	MP5A	Mx	0	.5
21	MP5B	Z	-6.824	.5
22	MP5B	Mx	-.003	.5
23	MP5C	Z	-6.824	.5
24	MP5C	Mx	.003	.5
25	MP4A	Z	-1.941	2
26	MP4A	Mx	-.001	2
27	MP4A	Z	-1.941	5
28	MP4A	Mx	-.001	5
29	MP4B	Z	-1.941	2
30	MP4B	Mx	.001	2
31	MP4B	Z	-1.941	5
32	MP4B	Mx	.001	5
33	MP4C	Z	-1.941	2
34	MP4C	Mx	8.8e-5	2
35	MP4C	Z	-1.941	5
36	MP4C	Mx	8.8e-5	5
37	MP4A	Z	-1.941	2
38	MP4A	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP4A	Z	-1.941	5
40	MP4A	Mx	.001	5
41	MP4B	Z	-1.941	2
42	MP4B	Mx	.000469	2
43	MP4B	Z	-1.941	5
44	MP4B	Mx	.000469	5
45	MP4C	Z	-1.941	2
46	MP4C	Mx	-.002	2
47	MP4C	Z	-1.941	5
48	MP4C	Mx	-.002	5
49	MP2B	Z	-1.31	1
50	MP2B	Mx	.000567	1
51	MP2B	Z	-1.31	5
52	MP2B	Mx	.000567	5
53	MP5B	Z	-1.31	2
54	MP5B	Mx	.000567	2
55	MP5B	Z	-1.31	5
56	MP5B	Mx	.000567	5
57	MP1A	Z	-1.019	1
58	MP1A	Mx	0	1
59	MP1A	Z	-1.019	5
60	MP1A	Mx	0	5
61	MP1C	Z	-1.019	1
62	MP1C	Mx	-.00039	1
63	MP1C	Z	-1.019	5
64	MP1C	Mx	-.00039	5
65	MP5A	Z	-1.019	2
66	MP5A	Mx	0	2
67	MP5A	Z	-1.019	5
68	MP5A	Mx	0	5
69	MP5C	Z	-1.019	2
70	MP5C	Mx	-.00039	2
71	MP5C	Z	-1.019	5
72	MP5C	Mx	-.00039	5
73	M134	Z	-3.106	1
74	M134	Mx	0	1
75	MP3A	Z	-1.708	4
76	MP3A	Mx	0	4
77	MP3A	Z	-1.708	4
78	MP3A	Mx	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	4.227	1
2	MP1B	Mx	.000723	1
3	MP1B	X	4.227	4
4	MP1B	Mx	.000723	4
5	MP2A	X	4.227	1
6	MP2A	Mx	-.002	1
7	MP2A	X	4.227	4
8	MP2A	Mx	-.002	4
9	MP2C	X	4.227	1
10	MP2C	Mx	.001	1
11	MP2C	X	4.227	4
12	MP2C	Mx	.001	4
13	MP4A	X	7.251	.5
14	MP4A	Mx	.004	.5
15	MP4B	X	7.251	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP4B	Mx	-.001	.5
17	MP4C	X	7.251	.5
18	MP4C	Mx	-.002	.5
19	MP5A	X	6.824	.5
20	MP5A	Mx	.003	.5
21	MP5B	X	6.824	.5
22	MP5B	Mx	-.001	.5
23	MP5C	X	6.824	.5
24	MP5C	Mx	-.002	.5
25	MP4A	X	1.941	2
26	MP4A	Mx	-.000971	2
27	MP4A	X	1.941	5
28	MP4A	Mx	-.000971	5
29	MP4B	X	1.941	2
30	MP4B	Mx	-.000884	2
31	MP4B	X	1.941	5
32	MP4B	Mx	-.000884	5
33	MP4C	X	1.941	2
34	MP4C	Mx	.002	2
35	MP4C	X	1.941	5
36	MP4C	Mx	.002	5
37	MP4A	X	1.941	2
38	MP4A	Mx	-.000971	2
39	MP4A	X	1.941	5
40	MP4A	Mx	-.000971	5
41	MP4B	X	1.941	2
42	MP4B	Mx	.002	2
43	MP4B	X	1.941	5
44	MP4B	Mx	.002	5
45	MP4C	X	1.941	2
46	MP4C	Mx	-.000367	2
47	MP4C	X	1.941	5
48	MP4C	Mx	-.000367	5
49	MP2B	X	1.31	1
50	MP2B	Mx	.000328	1
51	MP2B	X	1.31	5
52	MP2B	Mx	.000328	5
53	MP5B	X	1.31	2
54	MP5B	Mx	.000328	2
55	MP5B	X	1.31	5
56	MP5B	Mx	.000328	5
57	MP1A	X	1.019	1
58	MP1A	Mx	-.00051	1
59	MP1A	X	1.019	5
60	MP1A	Mx	-.00051	5
61	MP1C	X	1.019	1
62	MP1C	Mx	.000328	1
63	MP1C	X	1.019	5
64	MP1C	Mx	.000328	5
65	MP5A	X	1.019	2
66	MP5A	Mx	-.00051	2
67	MP5A	X	1.019	5
68	MP5A	Mx	-.00051	5
69	MP5C	X	1.019	2
70	MP5C	Mx	.000328	2
71	MP5C	X	1.019	5
72	MP5C	Mx	.000328	5
73	M134	X	3.106	1
74	M134	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3A	X	1.708	4
76	MP3A	Mx	.000427	4
77	MP3A	X	1.708	4
78	MP3A	Mx	-.000427	4

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	M20	Y	-10.933	-10.933	0	%100
2	M41A	Y	-15.454	-15.454	0	%100
3	M42 1	Y	-15.454	-15.454	0	%100
4	M43A 1	Y	-16.217	-16.217	0	%100
5	M64	Y	-16.198	-16.198	0	%100
6	M65	Y	-16.198	-16.198	0	%100
7	M71	Y	-16.217	-16.217	0	%100
8	M86	Y	-16.198	-16.198	0	%100
9	M87	Y	-16.198	-16.198	0	%100
10	M90	Y	-16.217	-16.217	0	%100
11	M51A	Y	-15.454	-15.454	0	%100
12	M52	Y	-15.454	-15.454	0	%100
13	M53A	Y	-16.217	-16.217	0	%100
14	M62	Y	-16.198	-16.198	0	%100
15	M63	Y	-16.198	-16.198	0	%100
16	M65A	Y	-16.217	-16.217	0	%100
17	M67	Y	-16.198	-16.198	0	%100
18	M68A	Y	-16.198	-16.198	0	%100
19	M70	Y	-16.217	-16.217	0	%100
20	MP5A	Y	-8.575	-8.575	0	%100
21	MP4A	Y	-8.575	-8.575	0	%100
22	MP1A	Y	-8.575	-8.575	0	%100
23	M109A	Y	-15.454	-15.454	0	%100
24	M53	Y	-10.933	-10.933	0	%100
25	M54A	Y	-10.933	-10.933	0	%100
26	M55A	Y	-15.454	-15.454	0	%100
27	M56A	Y	-15.454	-15.454	0	%100
28	M57A	Y	-16.217	-16.217	0	%100
29	M60A	Y	-9.525	-9.525	0	%100
30	M61A	Y	-9.525	-9.525	0	%100
31	M66A	Y	-16.198	-16.198	0	%100
32	M67A	Y	-16.198	-16.198	0	%100
33	M69A	Y	-16.217	-16.217	0	%100
34	M71B	Y	-16.198	-16.198	0	%100
35	M72A	Y	-16.198	-16.198	0	%100
36	M74	Y	-16.217	-16.217	0	%100
37	M76	Y	-15.454	-15.454	0	%100
38	M77	Y	-15.454	-15.454	0	%100
39	MP2A	Y	-8.575	-8.575	0	%100
40	MP3A	Y	-8.575	-8.575	0	%100
41	MP5C	Y	-8.575	-8.575	0	%100
42	MP4C	Y	-8.575	-8.575	0	%100
43	MP1C	Y	-8.575	-8.575	0	%100
44	MP2C	Y	-8.575	-8.575	0	%100
45	MP3C	Y	-8.575	-8.575	0	%100
46	MP5B	Y	-8.575	-8.575	0	%100
47	MP4B	Y	-8.575	-8.575	0	%100
48	MP1B	Y	-8.575	-8.575	0	%100
49	MP2B	Y	-8.575	-8.575	0	%100
50	MP3B	Y	-8.575	-8.575	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,%]
51	M94B	Y	-9.525	-9.525	0	%100
52	M95	Y	-9.525	-9.525	0	%100
53	M100B	Y	-9.525	-9.525	0	%100
54	M101B	Y	-9.525	-9.525	0	%100
55	M106	Y	-9.623	-9.623	0	%100
56	M110	Y	-9.623	-9.623	0	%100
57	M111	Y	-9.623	-9.623	0	%100
58	M130	Y	-12.49	-12.49	0	%100
59	M131	Y	-12.49	-12.49	0	%100
60	M132	Y	-12.49	-12.49	0	%100
61	M134	Y	-8.575	-8.575	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	M20	X	0	0	0	%100
2	M20	Z	-11.334	-11.334	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	-2.44	-2.44	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	-2.44	-2.44	0	%100
7	M43A_1	X	0	0	0	%100
8	M43A_1	Z	-4.858	-4.858	0	%100
9	M64	X	0	0	0	%100
10	M64	Z	-14.663	-14.663	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	-19.79	-19.79	0	%100
13	M71	X	0	0	0	%100
14	M71	Z	-20.51	-20.51	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	-14.663	-14.663	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	-4.948	-4.948	0	%100
19	M90	X	0	0	0	%100
20	M90	Z	-5.127	-5.127	0	%100
21	M51A	X	0	0	0	%100
22	M51A	Z	-2.44	-2.44	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	-2.44	-2.44	0	%100
25	M53A	X	0	0	0	%100
26	M53A	Z	-4.858	-4.858	0	%100
27	M62	X	0	0	0	%100
28	M62	Z	-14.663	-14.663	0	%100
29	M63	X	0	0	0	%100
30	M63	Z	-4.948	-4.948	0	%100
31	M65A	X	0	0	0	%100
32	M65A	Z	-5.127	-5.127	0	%100
33	M67	X	0	0	0	%100
34	M67	Z	-14.663	-14.663	0	%100
35	M68A	X	0	0	0	%100
36	M68A	Z	-19.79	-19.79	0	%100
37	M70	X	0	0	0	%100
38	M70	Z	-20.51	-20.51	0	%100
39	MP5A	X	0	0	0	%100
40	MP5A	Z	-7.691	-7.691	0	%100
41	MP4A	X	0	0	0	%100
42	MP4A	Z	-7.691	-7.691	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	-7.691	-7.691	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,%]
45	M109A	X	0	0	0	%100
46	M109A	Z	-8.664	-8.664	0	%100
47	M53	X	0	0	0	%100
48	M53	Z	-2.834	-2.834	0	%100
49	M54A	X	0	0	0	%100
50	M54A	Z	-2.834	-2.834	0	%100
51	M55A	X	0	0	0	%100
52	M55A	Z	-9.761	-9.761	0	%100
53	M56A	X	0	0	0	%100
54	M56A	Z	-9.761	-9.761	0	%100
55	M57A	X	0	0	0	%100
56	M57A	Z	-19.431	-19.431	0	%100
57	M60A	X	0	0	0	%100
58	M60A	Z	-2.763	-2.763	0	%100
59	M61A	X	0	0	0	%100
60	M61A	Z	-2.764	-2.764	0	%100
61	M66A	X	0	0	0	%100
62	M66A	Z	0	0	0	%100
63	M67A	X	0	0	0	%100
64	M67A	Z	-4.948	-4.948	0	%100
65	M69A	X	0	0	0	%100
66	M69A	Z	-5.127	-5.127	0	%100
67	M71B	X	0	0	0	%100
68	M71B	Z	0	0	0	%100
69	M72A	X	0	0	0	%100
70	M72A	Z	-4.948	-4.948	0	%100
71	M74	X	0	0	0	%100
72	M74	Z	-5.127	-5.127	0	%100
73	M76	X	0	0	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	-8.664	-8.664	0	%100
77	MP2A	X	0	0	0	%100
78	MP2A	Z	-7.691	-7.691	0	%100
79	MP3A	X	0	0	0	%100
80	MP3A	Z	-7.691	-7.691	0	%100
81	MP5C	X	0	0	0	%100
82	MP5C	Z	-7.691	-7.691	0	%100
83	MP4C	X	0	0	0	%100
84	MP4C	Z	-7.691	-7.691	0	%100
85	MP1C	X	0	0	0	%100
86	MP1C	Z	-7.691	-7.691	0	%100
87	MP2C	X	0	0	0	%100
88	MP2C	Z	-7.691	-7.691	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	-7.691	-7.691	0	%100
91	MP5B	X	0	0	0	%100
92	MP5B	Z	-7.691	-7.691	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	-7.691	-7.691	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-7.691	-7.691	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	-7.691	-7.691	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	-7.691	-7.691	0	%100
101	M94B	X	0	0	0	%100
102	M94B	Z	-2.47	-2.47	0	%100
103	M95	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,%]
104	M95	Z	-10.46	-10.46	0	%100
105	M100B	X	0	0	0	%100
106	M100B	Z	-10.458	-10.458	0	%100
107	M101B	X	0	0	0	%100
108	M101B	Z	-2.47	-2.47	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	-9.31	-9.31	0	%100
111	M110	X	0	0	0	%100
112	M110	Z	-2.328	-2.328	0	%100
113	M111	X	0	0	0	%100
114	M111	Z	-2.328	-2.328	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	-2.918	-2.918	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	-11.671	-11.671	0	%100
119	M132	X	0	0	0	%100
120	M132	Z	-2.918	-2.918	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	-6.289	-6.289	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	M20	X	4.25	4.25	0	%100
2	M20	Z	-7.362	-7.362	0	%100
3	M41A	X	3.66	3.66	0	%100
4	M41A	Z	-6.34	-6.34	0	%100
5	M42 1	X	3.66	3.66	0	%100
6	M42 1	Z	-6.34	-6.34	0	%100
7	M43A 1	X	7.286	7.286	0	%100
8	M43A 1	Z	-12.62	-12.62	0	%100
9	M64	X	2.444	2.444	0	%100
10	M64	Z	-4.233	-4.233	0	%100
11	M65	X	7.421	7.421	0	%100
12	M65	Z	-12.854	-12.854	0	%100
13	M71	X	7.691	7.691	0	%100
14	M71	Z	-13.322	-13.322	0	%100
15	M86	X	2.444	2.444	0	%100
16	M86	Z	-4.233	-4.233	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	0	0	0	%100
19	M90	X	0	0	0	%100
20	M90	Z	0	0	0	%100
21	M51A	X	0	0	0	%100
22	M51A	Z	0	0	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	0	0	0	%100
25	M53A	X	0	0	0	%100
26	M53A	Z	0	0	0	%100
27	M62	X	9.775	9.775	0	%100
28	M62	Z	-16.931	-16.931	0	%100
29	M63	X	7.421	7.421	0	%100
30	M63	Z	-12.854	-12.854	0	%100
31	M65A	X	7.691	7.691	0	%100
32	M65A	Z	-13.322	-13.322	0	%100
33	M67	X	9.775	9.775	0	%100
34	M67	Z	-16.931	-16.931	0	%100
35	M68A	X	7.421	7.421	0	%100
36	M68A	Z	-12.854	-12.854	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,%]
37	M70	X	7.691	7.691	0	%100
38	M70	Z	-13.322	-13.322	0	%100
39	MP5A	X	3.846	3.846	0	%100
40	MP5A	Z	-6.661	-6.661	0	%100
41	MP4A	X	3.846	3.846	0	%100
42	MP4A	Z	-6.661	-6.661	0	%100
43	MP1A	X	3.846	3.846	0	%100
44	MP1A	Z	-6.661	-6.661	0	%100
45	M109A	X	5.776	5.776	0	%100
46	M109A	Z	-10.004	-10.004	0	%100
47	M53	X	4.25	4.25	0	%100
48	M53	Z	-7.362	-7.362	0	%100
49	M54A	X	0	0	0	%100
50	M54A	Z	0	0	0	%100
51	M55A	X	3.66	3.66	0	%100
52	M55A	Z	-6.34	-6.34	0	%100
53	M56A	X	3.66	3.66	0	%100
54	M56A	Z	-6.34	-6.34	0	%100
55	M57A	X	7.286	7.286	0	%100
56	M57A	Z	-12.62	-12.62	0	%100
57	M60A	X	3.996	3.996	0	%100
58	M60A	Z	-6.921	-6.921	0	%100
59	M61A	X	.001	.001	0	%100
60	M61A	Z	-.002	-.002	0	%100
61	M66A	X	2.444	2.444	0	%100
62	M66A	Z	-4.233	-4.233	0	%100
63	M67A	X	0	0	0	%100
64	M67A	Z	0	0	0	%100
65	M69A	X	0	0	0	%100
66	M69A	Z	0	0	0	%100
67	M71B	X	2.444	2.444	0	%100
68	M71B	Z	-4.233	-4.233	0	%100
69	M72A	X	7.421	7.421	0	%100
70	M72A	Z	-12.854	-12.854	0	%100
71	M74	X	7.691	7.691	0	%100
72	M74	Z	-13.322	-13.322	0	%100
73	M76	X	1.444	1.444	0	%100
74	M76	Z	-2.501	-2.501	0	%100
75	M77	X	1.444	1.444	0	%100
76	M77	Z	-2.501	-2.501	0	%100
77	MP2A	X	3.846	3.846	0	%100
78	MP2A	Z	-6.661	-6.661	0	%100
79	MP3A	X	3.846	3.846	0	%100
80	MP3A	Z	-6.661	-6.661	0	%100
81	MP5C	X	3.846	3.846	0	%100
82	MP5C	Z	-6.661	-6.661	0	%100
83	MP4C	X	3.846	3.846	0	%100
84	MP4C	Z	-6.661	-6.661	0	%100
85	MP1C	X	3.846	3.846	0	%100
86	MP1C	Z	-6.661	-6.661	0	%100
87	MP2C	X	3.846	3.846	0	%100
88	MP2C	Z	-6.661	-6.661	0	%100
89	MP3C	X	3.846	3.846	0	%100
90	MP3C	Z	-6.661	-6.661	0	%100
91	MP5B	X	3.846	3.846	0	%100
92	MP5B	Z	-6.661	-6.661	0	%100
93	MP4B	X	3.846	3.846	0	%100
94	MP4B	Z	-6.661	-6.661	0	%100
95	MP1B	X	3.846	3.846	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,%]
96	MP1B	Z	-6.661	-6.661	0	%100
97	MP2B	X	3.846	3.846	0	%100
98	MP2B	Z	-6.661	-6.661	0	%100
99	MP3B	X	3.846	3.846	0	%100
100	MP3B	Z	-6.661	-6.661	0	%100
101	M94B	X	.001	.001	0	%100
102	M94B	Z	-.002	-.002	0	%100
103	M95	X	3.996	3.996	0	%100
104	M95	Z	-6.922	-6.922	0	%100
105	M100B	X	3.849	3.849	0	%100
106	M100B	Z	-6.666	-6.666	0	%100
107	M101B	X	3.849	3.849	0	%100
108	M101B	Z	-6.667	-6.667	0	%100
109	M106	X	3.491	3.491	0	%100
110	M106	Z	-6.047	-6.047	0	%100
111	M110	X	3.491	3.491	0	%100
112	M110	Z	-6.047	-6.047	0	%100
113	M111	X	0	0	0	%100
114	M111	Z	0	0	0	%100
115	M130	X	4.377	4.377	0	%100
116	M130	Z	-7.581	-7.581	0	%100
117	M131	X	4.377	4.377	0	%100
118	M131	Z	-7.581	-7.581	0	%100
119	M132	X	0	0	0	%100
120	M132	Z	0	0	0	%100
121	M134	X	3.145	3.145	0	%100
122	M134	Z	-5.447	-5.447	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	M20	X	2.454	2.454	0	%100
2	M20	Z	-1.417	-1.417	0	%100
3	M41A	X	8.453	8.453	0	%100
4	M41A	Z	-4.881	-4.881	0	%100
5	M42_1	X	8.453	8.453	0	%100
6	M42_1	Z	-4.881	-4.881	0	%100
7	M43A_1	X	16.827	16.827	0	%100
8	M43A_1	Z	-9.715	-9.715	0	%100
9	M64	X	0	0	0	%100
10	M64	Z	0	0	0	%100
11	M65	X	4.285	4.285	0	%100
12	M65	Z	-2.474	-2.474	0	%100
13	M71	X	4.441	4.441	0	%100
14	M71	Z	-2.564	-2.564	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	4.285	4.285	0	%100
18	M87	Z	-2.474	-2.474	0	%100
19	M90	X	4.441	4.441	0	%100
20	M90	Z	-2.564	-2.564	0	%100
21	M51A	X	2.113	2.113	0	%100
22	M51A	Z	-1.22	-1.22	0	%100
23	M52	X	2.113	2.113	0	%100
24	M52	Z	-1.22	-1.22	0	%100
25	M53A	X	4.207	4.207	0	%100
26	M53A	Z	-2.429	-2.429	0	%100
27	M62	X	12.698	12.698	0	%100
28	M62	Z	-7.331	-7.331	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,%]
29	M63	X	17.139	17.139	0	%100
30	M63	Z	-9.895	-9.895	0	%100
31	M65A	X	17.762	17.762	0	%100
32	M65A	Z	-10.255	-10.255	0	%100
33	M67	X	12.698	12.698	0	%100
34	M67	Z	-7.331	-7.331	0	%100
35	M68A	X	4.285	4.285	0	%100
36	M68A	Z	-2.474	-2.474	0	%100
37	M70	X	4.441	4.441	0	%100
38	M70	Z	-2.564	-2.564	0	%100
39	MP5A	X	6.661	6.661	0	%100
40	MP5A	Z	-3.846	-3.846	0	%100
41	MP4A	X	6.661	6.661	0	%100
42	MP4A	Z	-3.846	-3.846	0	%100
43	MP1A	X	6.661	6.661	0	%100
44	MP1A	Z	-3.846	-3.846	0	%100
45	M109A	X	7.503	7.503	0	%100
46	M109A	Z	-4.332	-4.332	0	%100
47	M53	X	9.816	9.816	0	%100
48	M53	Z	-5.667	-5.667	0	%100
49	M54A	X	2.454	2.454	0	%100
50	M54A	Z	-1.417	-1.417	0	%100
51	M55A	X	2.113	2.113	0	%100
52	M55A	Z	-1.22	-1.22	0	%100
53	M56A	X	2.113	2.113	0	%100
54	M56A	Z	-1.22	-1.22	0	%100
55	M57A	X	4.207	4.207	0	%100
56	M57A	Z	-2.429	-2.429	0	%100
57	M60A	X	9.057	9.057	0	%100
58	M60A	Z	-5.229	-5.229	0	%100
59	M61A	X	2.139	2.139	0	%100
60	M61A	Z	-1.235	-1.235	0	%100
61	M66A	X	12.698	12.698	0	%100
62	M66A	Z	-7.331	-7.331	0	%100
63	M67A	X	4.285	4.285	0	%100
64	M67A	Z	-2.474	-2.474	0	%100
65	M69A	X	4.441	4.441	0	%100
66	M69A	Z	-2.564	-2.564	0	%100
67	M71B	X	12.698	12.698	0	%100
68	M71B	Z	-7.331	-7.331	0	%100
69	M72A	X	17.139	17.139	0	%100
70	M72A	Z	-9.895	-9.895	0	%100
71	M74	X	17.762	17.762	0	%100
72	M74	Z	-10.255	-10.255	0	%100
73	M76	X	7.503	7.503	0	%100
74	M76	Z	-4.332	-4.332	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	0	0	0	%100
77	MP2A	X	6.661	6.661	0	%100
78	MP2A	Z	-3.846	-3.846	0	%100
79	MP3A	X	6.661	6.661	0	%100
80	MP3A	Z	-3.846	-3.846	0	%100
81	MP5C	X	6.661	6.661	0	%100
82	MP5C	Z	-3.846	-3.846	0	%100
83	MP4C	X	6.661	6.661	0	%100
84	MP4C	Z	-3.846	-3.846	0	%100
85	MP1C	X	6.661	6.661	0	%100
86	MP1C	Z	-3.846	-3.846	0	%100
87	MP2C	X	6.661	6.661	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,%]
88	MP2C	Z	-3.846	-3.846	0	%100
89	MP3C	X	6.661	6.661	0	%100
90	MP3C	Z	-3.846	-3.846	0	%100
91	MP5B	X	6.661	6.661	0	%100
92	MP5B	Z	-3.846	-3.846	0	%100
93	MP4B	X	6.661	6.661	0	%100
94	MP4B	Z	-3.846	-3.846	0	%100
95	MP1B	X	6.661	6.661	0	%100
96	MP1B	Z	-3.846	-3.846	0	%100
97	MP2B	X	6.661	6.661	0	%100
98	MP2B	Z	-3.846	-3.846	0	%100
99	MP3B	X	6.661	6.661	0	%100
100	MP3B	Z	-3.846	-3.846	0	%100
101	M94B	X	2.393	2.393	0	%100
102	M94B	Z	-1.382	-1.382	0	%100
103	M95	X	2.393	2.393	0	%100
104	M95	Z	-1.382	-1.382	0	%100
105	M100B	X	2.139	2.139	0	%100
106	M100B	Z	-1.235	-1.235	0	%100
107	M101B	X	9.059	9.059	0	%100
108	M101B	Z	-5.23	-5.23	0	%100
109	M106	X	2.016	2.016	0	%100
110	M106	Z	-1.164	-1.164	0	%100
111	M110	X	8.063	8.063	0	%100
112	M110	Z	-4.655	-4.655	0	%100
113	M111	X	2.016	2.016	0	%100
114	M111	Z	-1.164	-1.164	0	%100
115	M130	X	10.108	10.108	0	%100
116	M130	Z	-5.836	-5.836	0	%100
117	M131	X	2.527	2.527	0	%100
118	M131	Z	-1.459	-1.459	0	%100
119	M132	X	2.527	2.527	0	%100
120	M132	Z	-1.459	-1.459	0	%100
121	M134	X	5.447	5.447	0	%100
122	M134	Z	-3.145	-3.145	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M41A	X	7.321	7.321	0	%100
4	M41A	Z	0	0	0	%100
5	M42_1	X	7.321	7.321	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	14.573	14.573	0	%100
8	M43A_1	Z	0	0	0	%100
9	M64	X	4.888	4.888	0	%100
10	M64	Z	0	0	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	0	0	0	%100
13	M71	X	0	0	0	%100
14	M71	Z	0	0	0	%100
15	M86	X	4.888	4.888	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	14.843	14.843	0	%100
18	M87	Z	0	0	0	%100
19	M90	X	15.382	15.382	0	%100
20	M90	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,%]
21	M51A	X	7.321	7.321	0	%100
22	M51A	Z	0	0	0	%100
23	M52	X	7.321	7.321	0	%100
24	M52	Z	0	0	0	%100
25	M53A	X	14.573	14.573	0	%100
26	M53A	Z	0	0	0	%100
27	M62	X	4.888	4.888	0	%100
28	M62	Z	0	0	0	%100
29	M63	X	14.843	14.843	0	%100
30	M63	Z	0	0	0	%100
31	M65A	X	15.382	15.382	0	%100
32	M65A	Z	0	0	0	%100
33	M67	X	4.888	4.888	0	%100
34	M67	Z	0	0	0	%100
35	M68A	X	0	0	0	%100
36	M68A	Z	0	0	0	%100
37	M70	X	0	0	0	%100
38	M70	Z	0	0	0	%100
39	MP5A	X	7.691	7.691	0	%100
40	MP5A	Z	0	0	0	%100
41	MP4A	X	7.691	7.691	0	%100
42	MP4A	Z	0	0	0	%100
43	MP1A	X	7.691	7.691	0	%100
44	MP1A	Z	0	0	0	%100
45	M109A	X	2.888	2.888	0	%100
46	M109A	Z	0	0	0	%100
47	M53	X	8.501	8.501	0	%100
48	M53	Z	0	0	0	%100
49	M54A	X	8.501	8.501	0	%100
50	M54A	Z	0	0	0	%100
51	M55A	X	0	0	0	%100
52	M55A	Z	0	0	0	%100
53	M56A	X	0	0	0	%100
54	M56A	Z	0	0	0	%100
55	M57A	X	0	0	0	%100
56	M57A	Z	0	0	0	%100
57	M60A	X	7.698	7.698	0	%100
58	M60A	Z	0	0	0	%100
59	M61A	X	7.699	7.699	0	%100
60	M61A	Z	0	0	0	%100
61	M66A	X	19.55	19.55	0	%100
62	M66A	Z	0	0	0	%100
63	M67A	X	14.843	14.843	0	%100
64	M67A	Z	0	0	0	%100
65	M69A	X	15.382	15.382	0	%100
66	M69A	Z	0	0	0	%100
67	M71B	X	19.55	19.55	0	%100
68	M71B	Z	0	0	0	%100
69	M72A	X	14.843	14.843	0	%100
70	M72A	Z	0	0	0	%100
71	M74	X	15.382	15.382	0	%100
72	M74	Z	0	0	0	%100
73	M76	X	11.552	11.552	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	2.888	2.888	0	%100
76	M77	Z	0	0	0	%100
77	MP2A	X	7.691	7.691	0	%100
78	MP2A	Z	0	0	0	%100
79	MP3A	X	7.691	7.691	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,%]
80	MP3A	Z	0	0	0	%100
81	MP5C	X	7.691	7.691	0	%100
82	MP5C	Z	0	0	0	%100
83	MP4C	X	7.691	7.691	0	%100
84	MP4C	Z	0	0	0	%100
85	MP1C	X	7.691	7.691	0	%100
86	MP1C	Z	0	0	0	%100
87	MP2C	X	7.691	7.691	0	%100
88	MP2C	Z	0	0	0	%100
89	MP3C	X	7.691	7.691	0	%100
90	MP3C	Z	0	0	0	%100
91	MP5B	X	7.691	7.691	0	%100
92	MP5B	Z	0	0	0	%100
93	MP4B	X	7.691	7.691	0	%100
94	MP4B	Z	0	0	0	%100
95	MP1B	X	7.691	7.691	0	%100
96	MP1B	Z	0	0	0	%100
97	MP2B	X	7.691	7.691	0	%100
98	MP2B	Z	0	0	0	%100
99	MP3B	X	7.691	7.691	0	%100
100	MP3B	Z	0	0	0	%100
101	M94B	X	7.991	7.991	0	%100
102	M94B	Z	0	0	0	%100
103	M95	X	.003	.003	0	%100
104	M95	Z	0	0	0	%100
105	M100B	X	.003	.003	0	%100
106	M100B	Z	0	0	0	%100
107	M101B	X	7.992	7.992	0	%100
108	M101B	Z	0	0	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	0	0	0	%100
111	M110	X	6.983	6.983	0	%100
112	M110	Z	0	0	0	%100
113	M111	X	6.983	6.983	0	%100
114	M111	Z	0	0	0	%100
115	M130	X	8.754	8.754	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	0	0	0	%100
119	M132	X	8.754	8.754	0	%100
120	M132	Z	0	0	0	%100
121	M134	X	6.289	6.289	0	%100
122	M134	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	M20	X	2.454	2.454	0	%100
2	M20	Z	1.417	1.417	0	%100
3	M41A	X	2.113	2.113	0	%100
4	M41A	Z	1.22	1.22	0	%100
5	M42_1	X	2.113	2.113	0	%100
6	M42_1	Z	1.22	1.22	0	%100
7	M43A_1	X	4.207	4.207	0	%100
8	M43A_1	Z	2.429	2.429	0	%100
9	M64	X	12.698	12.698	0	%100
10	M64	Z	7.331	7.331	0	%100
11	M65	X	4.285	4.285	0	%100
12	M65	Z	2.474	2.474	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,%]
13	M71	X	4.441	4.441	0	%100
14	M71	Z	2.564	2.564	0	%100
15	M86	X	12.698	12.698	0	%100
16	M86	Z	7.331	7.331	0	%100
17	M87	X	17.139	17.139	0	%100
18	M87	Z	9.895	9.895	0	%100
19	M90	X	17.762	17.762	0	%100
20	M90	Z	10.255	10.255	0	%100
21	M51A	X	8.453	8.453	0	%100
22	M51A	Z	4.881	4.881	0	%100
23	M52	X	8.453	8.453	0	%100
24	M52	Z	4.881	4.881	0	%100
25	M53A	X	16.827	16.827	0	%100
26	M53A	Z	9.715	9.715	0	%100
27	M62	X	0	0	0	%100
28	M62	Z	0	0	0	%100
29	M63	X	4.285	4.285	0	%100
30	M63	Z	2.474	2.474	0	%100
31	M65A	X	4.441	4.441	0	%100
32	M65A	Z	2.564	2.564	0	%100
33	M67	X	0	0	0	%100
34	M67	Z	0	0	0	%100
35	M68A	X	4.285	4.285	0	%100
36	M68A	Z	2.474	2.474	0	%100
37	M70	X	4.441	4.441	0	%100
38	M70	Z	2.564	2.564	0	%100
39	MP5A	X	6.661	6.661	0	%100
40	MP5A	Z	3.846	3.846	0	%100
41	MP4A	X	6.661	6.661	0	%100
42	MP4A	Z	3.846	3.846	0	%100
43	MP1A	X	6.661	6.661	0	%100
44	MP1A	Z	3.846	3.846	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	0	0	0	%100
47	M53	X	2.454	2.454	0	%100
48	M53	Z	1.417	1.417	0	%100
49	M54A	X	9.816	9.816	0	%100
50	M54A	Z	5.667	5.667	0	%100
51	M55A	X	2.113	2.113	0	%100
52	M55A	Z	1.22	1.22	0	%100
53	M56A	X	2.113	2.113	0	%100
54	M56A	Z	1.22	1.22	0	%100
55	M57A	X	4.207	4.207	0	%100
56	M57A	Z	2.429	2.429	0	%100
57	M60A	X	2.139	2.139	0	%100
58	M60A	Z	1.235	1.235	0	%100
59	M61A	X	9.059	9.059	0	%100
60	M61A	Z	5.23	5.23	0	%100
61	M66A	X	12.698	12.698	0	%100
62	M66A	Z	7.331	7.331	0	%100
63	M67A	X	17.139	17.139	0	%100
64	M67A	Z	9.895	9.895	0	%100
65	M69A	X	17.762	17.762	0	%100
66	M69A	Z	10.255	10.255	0	%100
67	M71B	X	12.698	12.698	0	%100
68	M71B	Z	7.331	7.331	0	%100
69	M72A	X	4.285	4.285	0	%100
70	M72A	Z	2.474	2.474	0	%100
71	M74	X	4.441	4.441	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,%]
72	M74	Z	2.564	2.564	0	%100
73	M76	X	7.503	7.503	0	%100
74	M76	Z	4.332	4.332	0	%100
75	M77	X	7.503	7.503	0	%100
76	M77	Z	4.332	4.332	0	%100
77	MP2A	X	6.661	6.661	0	%100
78	MP2A	Z	3.846	3.846	0	%100
79	MP3A	X	6.661	6.661	0	%100
80	MP3A	Z	3.846	3.846	0	%100
81	MP5C	X	6.661	6.661	0	%100
82	MP5C	Z	3.846	3.846	0	%100
83	MP4C	X	6.661	6.661	0	%100
84	MP4C	Z	3.846	3.846	0	%100
85	MP1C	X	6.661	6.661	0	%100
86	MP1C	Z	3.846	3.846	0	%100
87	MP2C	X	6.661	6.661	0	%100
88	MP2C	Z	3.846	3.846	0	%100
89	MP3C	X	6.661	6.661	0	%100
90	MP3C	Z	3.846	3.846	0	%100
91	MP5B	X	6.661	6.661	0	%100
92	MP5B	Z	3.846	3.846	0	%100
93	MP4B	X	6.661	6.661	0	%100
94	MP4B	Z	3.846	3.846	0	%100
95	MP1B	X	6.661	6.661	0	%100
96	MP1B	Z	3.846	3.846	0	%100
97	MP2B	X	6.661	6.661	0	%100
98	MP2B	Z	3.846	3.846	0	%100
99	MP3B	X	6.661	6.661	0	%100
100	MP3B	Z	3.846	3.846	0	%100
101	M94B	X	9.057	9.057	0	%100
102	M94B	Z	5.229	5.229	0	%100
103	M95	X	2.139	2.139	0	%100
104	M95	Z	1.235	1.235	0	%100
105	M100B	X	2.393	2.393	0	%100
106	M100B	Z	1.382	1.382	0	%100
107	M101B	X	2.393	2.393	0	%100
108	M101B	Z	1.382	1.382	0	%100
109	M106	X	2.016	2.016	0	%100
110	M106	Z	1.164	1.164	0	%100
111	M110	X	2.016	2.016	0	%100
112	M110	Z	1.164	1.164	0	%100
113	M111	X	8.063	8.063	0	%100
114	M111	Z	4.655	4.655	0	%100
115	M130	X	2.527	2.527	0	%100
116	M130	Z	1.459	1.459	0	%100
117	M131	X	2.527	2.527	0	%100
118	M131	Z	1.459	1.459	0	%100
119	M132	X	10.108	10.108	0	%100
120	M132	Z	5.836	5.836	0	%100
121	M134	X	5.447	5.447	0	%100
122	M134	Z	3.145	3.145	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	M20	X	4.25	4.25	0	%100
2	M20	Z	7.362	7.362	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	0	0	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,%]
5	M42 1	X	0	0	0	%100
6	M42 1	Z	0	0	0	%100
7	M43A 1	X	0	0	0	%100
8	M43A 1	Z	0	0	0	%100
9	M64	X	9.775	9.775	0	%100
10	M64	Z	16.931	16.931	0	%100
11	M65	X	7.421	7.421	0	%100
12	M65	Z	12.854	12.854	0	%100
13	M71	X	7.691	7.691	0	%100
14	M71	Z	13.322	13.322	0	%100
15	M86	X	9.775	9.775	0	%100
16	M86	Z	16.931	16.931	0	%100
17	M87	X	7.421	7.421	0	%100
18	M87	Z	12.854	12.854	0	%100
19	M90	X	7.691	7.691	0	%100
20	M90	Z	13.322	13.322	0	%100
21	M51A	X	3.66	3.66	0	%100
22	M51A	Z	6.34	6.34	0	%100
23	M52	X	3.66	3.66	0	%100
24	M52	Z	6.34	6.34	0	%100
25	M53A	X	7.286	7.286	0	%100
26	M53A	Z	12.62	12.62	0	%100
27	M62	X	2.444	2.444	0	%100
28	M62	Z	4.233	4.233	0	%100
29	M63	X	0	0	0	%100
30	M63	Z	0	0	0	%100
31	M65A	X	0	0	0	%100
32	M65A	Z	0	0	0	%100
33	M67	X	2.444	2.444	0	%100
34	M67	Z	4.233	4.233	0	%100
35	M68A	X	7.421	7.421	0	%100
36	M68A	Z	12.854	12.854	0	%100
37	M70	X	7.691	7.691	0	%100
38	M70	Z	13.322	13.322	0	%100
39	MP5A	X	3.846	3.846	0	%100
40	MP5A	Z	6.661	6.661	0	%100
41	MP4A	X	3.846	3.846	0	%100
42	MP4A	Z	6.661	6.661	0	%100
43	MP1A	X	3.846	3.846	0	%100
44	MP1A	Z	6.661	6.661	0	%100
45	M109A	X	1.444	1.444	0	%100
46	M109A	Z	2.501	2.501	0	%100
47	M53	X	0	0	0	%100
48	M53	Z	0	0	0	%100
49	M54A	X	4.25	4.25	0	%100
50	M54A	Z	7.362	7.362	0	%100
51	M55A	X	3.66	3.66	0	%100
52	M55A	Z	6.34	6.34	0	%100
53	M56A	X	3.66	3.66	0	%100
54	M56A	Z	6.34	6.34	0	%100
55	M57A	X	7.286	7.286	0	%100
56	M57A	Z	12.62	12.62	0	%100
57	M60A	X	.001	.001	0	%100
58	M60A	Z	.002	.002	0	%100
59	M61A	X	3.996	3.996	0	%100
60	M61A	Z	6.922	6.922	0	%100
61	M66A	X	2.444	2.444	0	%100
62	M66A	Z	4.233	4.233	0	%100
63	M67A	X	7.421	7.421	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,%]
64	M67A	Z	12.854	12.854	0	%100
65	M69A	X	7.691	7.691	0	%100
66	M69A	Z	13.322	13.322	0	%100
67	M71B	X	2.444	2.444	0	%100
68	M71B	Z	4.233	4.233	0	%100
69	M72A	X	0	0	0	%100
70	M72A	Z	0	0	0	%100
71	M74	X	0	0	0	%100
72	M74	Z	0	0	0	%100
73	M76	X	1.444	1.444	0	%100
74	M76	Z	2.501	2.501	0	%100
75	M77	X	5.776	5.776	0	%100
76	M77	Z	10.004	10.004	0	%100
77	MP2A	X	3.846	3.846	0	%100
78	MP2A	Z	6.661	6.661	0	%100
79	MP3A	X	3.846	3.846	0	%100
80	MP3A	Z	6.661	6.661	0	%100
81	MP5C	X	3.846	3.846	0	%100
82	MP5C	Z	6.661	6.661	0	%100
83	MP4C	X	3.846	3.846	0	%100
84	MP4C	Z	6.661	6.661	0	%100
85	MP1C	X	3.846	3.846	0	%100
86	MP1C	Z	6.661	6.661	0	%100
87	MP2C	X	3.846	3.846	0	%100
88	MP2C	Z	6.661	6.661	0	%100
89	MP3C	X	3.846	3.846	0	%100
90	MP3C	Z	6.661	6.661	0	%100
91	MP5B	X	3.846	3.846	0	%100
92	MP5B	Z	6.661	6.661	0	%100
93	MP4B	X	3.846	3.846	0	%100
94	MP4B	Z	6.661	6.661	0	%100
95	MP1B	X	3.846	3.846	0	%100
96	MP1B	Z	6.661	6.661	0	%100
97	MP2B	X	3.846	3.846	0	%100
98	MP2B	Z	6.661	6.661	0	%100
99	MP3B	X	3.846	3.846	0	%100
100	MP3B	Z	6.661	6.661	0	%100
101	M94B	X	3.849	3.849	0	%100
102	M94B	Z	6.666	6.666	0	%100
103	M95	X	3.849	3.849	0	%100
104	M95	Z	6.667	6.667	0	%100
105	M100B	X	3.996	3.996	0	%100
106	M100B	Z	6.921	6.921	0	%100
107	M101B	X	.001	.001	0	%100
108	M101B	Z	.002	.002	0	%100
109	M106	X	3.491	3.491	0	%100
110	M106	Z	6.047	6.047	0	%100
111	M110	X	0	0	0	%100
112	M110	Z	0	0	0	%100
113	M111	X	3.491	3.491	0	%100
114	M111	Z	6.047	6.047	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	4.377	4.377	0	%100
118	M131	Z	7.581	7.581	0	%100
119	M132	X	4.377	4.377	0	%100
120	M132	Z	7.581	7.581	0	%100
121	M134	X	3.145	3.145	0	%100
122	M134	Z	5.447	5.447	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	M20	X	0	0	0	%100
2	M20	Z	11.334	11.334	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	2.44	2.44	0	%100
5	M42 1	X	0	0	0	%100
6	M42 1	Z	2.44	2.44	0	%100
7	M43A 1	X	0	0	0	%100
8	M43A 1	Z	4.858	4.858	0	%100
9	M64	X	0	0	0	%100
10	M64	Z	14.663	14.663	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	19.79	19.79	0	%100
13	M71	X	0	0	0	%100
14	M71	Z	20.51	20.51	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	14.663	14.663	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	4.948	4.948	0	%100
19	M90	X	0	0	0	%100
20	M90	Z	5.127	5.127	0	%100
21	M51A	X	0	0	0	%100
22	M51A	Z	2.44	2.44	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	2.44	2.44	0	%100
25	M53A	X	0	0	0	%100
26	M53A	Z	4.858	4.858	0	%100
27	M62	X	0	0	0	%100
28	M62	Z	14.663	14.663	0	%100
29	M63	X	0	0	0	%100
30	M63	Z	4.948	4.948	0	%100
31	M65A	X	0	0	0	%100
32	M65A	Z	5.127	5.127	0	%100
33	M67	X	0	0	0	%100
34	M67	Z	14.663	14.663	0	%100
35	M68A	X	0	0	0	%100
36	M68A	Z	19.79	19.79	0	%100
37	M70	X	0	0	0	%100
38	M70	Z	20.51	20.51	0	%100
39	MP5A	X	0	0	0	%100
40	MP5A	Z	7.691	7.691	0	%100
41	MP4A	X	0	0	0	%100
42	MP4A	Z	7.691	7.691	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	7.691	7.691	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	8.664	8.664	0	%100
47	M53	X	0	0	0	%100
48	M53	Z	2.834	2.834	0	%100
49	M54A	X	0	0	0	%100
50	M54A	Z	2.834	2.834	0	%100
51	M55A	X	0	0	0	%100
52	M55A	Z	9.761	9.761	0	%100
53	M56A	X	0	0	0	%100
54	M56A	Z	9.761	9.761	0	%100
55	M57A	X	0	0	0	%100
56	M57A	Z	19.431	19.431	0	%100
57	M60A	X	0	0	0	%100
58	M60A	Z	2.763	2.763	0	%100
59	M61A	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,%]
60	M61A	Z	2.764	2.764	0	%100
61	M66A	X	0	0	0	%100
62	M66A	Z	0	0	0	%100
63	M67A	X	0	0	0	%100
64	M67A	Z	4.948	4.948	0	%100
65	M69A	X	0	0	0	%100
66	M69A	Z	5.127	5.127	0	%100
67	M71B	X	0	0	0	%100
68	M71B	Z	0	0	0	%100
69	M72A	X	0	0	0	%100
70	M72A	Z	4.948	4.948	0	%100
71	M74	X	0	0	0	%100
72	M74	Z	5.127	5.127	0	%100
73	M76	X	0	0	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	8.664	8.664	0	%100
77	MP2A	X	0	0	0	%100
78	MP2A	Z	7.691	7.691	0	%100
79	MP3A	X	0	0	0	%100
80	MP3A	Z	7.691	7.691	0	%100
81	MP5C	X	0	0	0	%100
82	MP5C	Z	7.691	7.691	0	%100
83	MP4C	X	0	0	0	%100
84	MP4C	Z	7.691	7.691	0	%100
85	MP1C	X	0	0	0	%100
86	MP1C	Z	7.691	7.691	0	%100
87	MP2C	X	0	0	0	%100
88	MP2C	Z	7.691	7.691	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	7.691	7.691	0	%100
91	MP5B	X	0	0	0	%100
92	MP5B	Z	7.691	7.691	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	7.691	7.691	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	7.691	7.691	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	7.691	7.691	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	7.691	7.691	0	%100
101	M94B	X	0	0	0	%100
102	M94B	Z	2.47	2.47	0	%100
103	M95	X	0	0	0	%100
104	M95	Z	10.46	10.46	0	%100
105	M100B	X	0	0	0	%100
106	M100B	Z	10.458	10.458	0	%100
107	M101B	X	0	0	0	%100
108	M101B	Z	2.47	2.47	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	9.31	9.31	0	%100
111	M110	X	0	0	0	%100
112	M110	Z	2.328	2.328	0	%100
113	M111	X	0	0	0	%100
114	M111	Z	2.328	2.328	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	2.918	2.918	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	11.671	11.671	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,%]
119	M132	X	0	0	0	%100
120	M132	Z	2.918	2.918	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	6.289	6.289	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	M20	X	-4.25	-4.25	0	%100
2	M20	Z	7.362	7.362	0	%100
3	M41A	X	-3.66	-3.66	0	%100
4	M41A	Z	6.34	6.34	0	%100
5	M42 1	X	-3.66	-3.66	0	%100
6	M42 1	Z	6.34	6.34	0	%100
7	M43A 1	X	-7.286	-7.286	0	%100
8	M43A 1	Z	12.62	12.62	0	%100
9	M64	X	-2.444	-2.444	0	%100
10	M64	Z	4.233	4.233	0	%100
11	M65	X	-7.421	-7.421	0	%100
12	M65	Z	12.854	12.854	0	%100
13	M71	X	-7.691	-7.691	0	%100
14	M71	Z	13.322	13.322	0	%100
15	M86	X	-2.444	-2.444	0	%100
16	M86	Z	4.233	4.233	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	0	0	0	%100
19	M90	X	0	0	0	%100
20	M90	Z	0	0	0	%100
21	M51A	X	0	0	0	%100
22	M51A	Z	0	0	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	0	0	0	%100
25	M53A	X	0	0	0	%100
26	M53A	Z	0	0	0	%100
27	M62	X	-9.775	-9.775	0	%100
28	M62	Z	16.931	16.931	0	%100
29	M63	X	-7.421	-7.421	0	%100
30	M63	Z	12.854	12.854	0	%100
31	M65A	X	-7.691	-7.691	0	%100
32	M65A	Z	13.322	13.322	0	%100
33	M67	X	-9.775	-9.775	0	%100
34	M67	Z	16.931	16.931	0	%100
35	M68A	X	-7.421	-7.421	0	%100
36	M68A	Z	12.854	12.854	0	%100
37	M70	X	-7.691	-7.691	0	%100
38	M70	Z	13.322	13.322	0	%100
39	MP5A	X	-3.846	-3.846	0	%100
40	MP5A	Z	6.661	6.661	0	%100
41	MP4A	X	-3.846	-3.846	0	%100
42	MP4A	Z	6.661	6.661	0	%100
43	MP1A	X	-3.846	-3.846	0	%100
44	MP1A	Z	6.661	6.661	0	%100
45	M109A	X	-5.776	-5.776	0	%100
46	M109A	Z	10.004	10.004	0	%100
47	M53	X	-4.25	-4.25	0	%100
48	M53	Z	7.362	7.362	0	%100
49	M54A	X	0	0	0	%100
50	M54A	Z	0	0	0	%100
51	M55A	X	-3.66	-3.66	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,%]
52	M55A	Z	6.34	6.34	0	%100
53	M56A	X	-3.66	-3.66	0	%100
54	M56A	Z	6.34	6.34	0	%100
55	M57A	X	-7.286	-7.286	0	%100
56	M57A	Z	12.62	12.62	0	%100
57	M60A	X	-3.996	-3.996	0	%100
58	M60A	Z	6.921	6.921	0	%100
59	M61A	X	-.001	-.001	0	%100
60	M61A	Z	.002	.002	0	%100
61	M66A	X	-2.444	-2.444	0	%100
62	M66A	Z	4.233	4.233	0	%100
63	M67A	X	0	0	0	%100
64	M67A	Z	0	0	0	%100
65	M69A	X	0	0	0	%100
66	M69A	Z	0	0	0	%100
67	M71B	X	-2.444	-2.444	0	%100
68	M71B	Z	4.233	4.233	0	%100
69	M72A	X	-7.421	-7.421	0	%100
70	M72A	Z	12.854	12.854	0	%100
71	M74	X	-7.691	-7.691	0	%100
72	M74	Z	13.322	13.322	0	%100
73	M76	X	-1.444	-1.444	0	%100
74	M76	Z	2.501	2.501	0	%100
75	M77	X	-1.444	-1.444	0	%100
76	M77	Z	2.501	2.501	0	%100
77	MP2A	X	-3.846	-3.846	0	%100
78	MP2A	Z	6.661	6.661	0	%100
79	MP3A	X	-3.846	-3.846	0	%100
80	MP3A	Z	6.661	6.661	0	%100
81	MP5C	X	-3.846	-3.846	0	%100
82	MP5C	Z	6.661	6.661	0	%100
83	MP4C	X	-3.846	-3.846	0	%100
84	MP4C	Z	6.661	6.661	0	%100
85	MP1C	X	-3.846	-3.846	0	%100
86	MP1C	Z	6.661	6.661	0	%100
87	MP2C	X	-3.846	-3.846	0	%100
88	MP2C	Z	6.661	6.661	0	%100
89	MP3C	X	-3.846	-3.846	0	%100
90	MP3C	Z	6.661	6.661	0	%100
91	MP5B	X	-3.846	-3.846	0	%100
92	MP5B	Z	6.661	6.661	0	%100
93	MP4B	X	-3.846	-3.846	0	%100
94	MP4B	Z	6.661	6.661	0	%100
95	MP1B	X	-3.846	-3.846	0	%100
96	MP1B	Z	6.661	6.661	0	%100
97	MP2B	X	-3.846	-3.846	0	%100
98	MP2B	Z	6.661	6.661	0	%100
99	MP3B	X	-3.846	-3.846	0	%100
100	MP3B	Z	6.661	6.661	0	%100
101	M94B	X	-.001	-.001	0	%100
102	M94B	Z	.002	.002	0	%100
103	M95	X	-3.996	-3.996	0	%100
104	M95	Z	6.922	6.922	0	%100
105	M100B	X	-3.849	-3.849	0	%100
106	M100B	Z	6.666	6.666	0	%100
107	M101B	X	-3.849	-3.849	0	%100
108	M101B	Z	6.667	6.667	0	%100
109	M106	X	-3.491	-3.491	0	%100
110	M106	Z	6.047	6.047	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,%]
111	M110	X	-3.491	-3.491	0	%100
112	M110	Z	6.047	6.047	0	%100
113	M111	X	0	0	0	%100
114	M111	Z	0	0	0	%100
115	M130	X	-4.377	-4.377	0	%100
116	M130	Z	7.581	7.581	0	%100
117	M131	X	-4.377	-4.377	0	%100
118	M131	Z	7.581	7.581	0	%100
119	M132	X	0	0	0	%100
120	M132	Z	0	0	0	%100
121	M134	X	-3.145	-3.145	0	%100
122	M134	Z	5.447	5.447	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	M20	X	-2.454	-2.454	0	%100
2	M20	Z	1.417	1.417	0	%100
3	M41A	X	-8.453	-8.453	0	%100
4	M41A	Z	4.881	4.881	0	%100
5	M42 1	X	-8.453	-8.453	0	%100
6	M42 1	Z	4.881	4.881	0	%100
7	M43A 1	X	-16.827	-16.827	0	%100
8	M43A 1	Z	9.715	9.715	0	%100
9	M64	X	0	0	0	%100
10	M64	Z	0	0	0	%100
11	M65	X	-4.285	-4.285	0	%100
12	M65	Z	2.474	2.474	0	%100
13	M71	X	-4.441	-4.441	0	%100
14	M71	Z	2.564	2.564	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	-4.285	-4.285	0	%100
18	M87	Z	2.474	2.474	0	%100
19	M90	X	-4.441	-4.441	0	%100
20	M90	Z	2.564	2.564	0	%100
21	M51A	X	-2.113	-2.113	0	%100
22	M51A	Z	1.22	1.22	0	%100
23	M52	X	-2.113	-2.113	0	%100
24	M52	Z	1.22	1.22	0	%100
25	M53A	X	-4.207	-4.207	0	%100
26	M53A	Z	2.429	2.429	0	%100
27	M62	X	-12.698	-12.698	0	%100
28	M62	Z	7.331	7.331	0	%100
29	M63	X	-17.139	-17.139	0	%100
30	M63	Z	9.895	9.895	0	%100
31	M65A	X	-17.762	-17.762	0	%100
32	M65A	Z	10.255	10.255	0	%100
33	M67	X	-12.698	-12.698	0	%100
34	M67	Z	7.331	7.331	0	%100
35	M68A	X	-4.285	-4.285	0	%100
36	M68A	Z	2.474	2.474	0	%100
37	M70	X	-4.441	-4.441	0	%100
38	M70	Z	2.564	2.564	0	%100
39	MP5A	X	-6.661	-6.661	0	%100
40	MP5A	Z	3.846	3.846	0	%100
41	MP4A	X	-6.661	-6.661	0	%100
42	MP4A	Z	3.846	3.846	0	%100
43	MP1A	X	-6.661	-6.661	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,%]
44	MP1A	Z	3.846	3.846	0	%100
45	M109A	X	-7.503	-7.503	0	%100
46	M109A	Z	4.332	4.332	0	%100
47	M53	X	-9.816	-9.816	0	%100
48	M53	Z	5.667	5.667	0	%100
49	M54A	X	-2.454	-2.454	0	%100
50	M54A	Z	1.417	1.417	0	%100
51	M55A	X	-2.113	-2.113	0	%100
52	M55A	Z	1.22	1.22	0	%100
53	M56A	X	-2.113	-2.113	0	%100
54	M56A	Z	1.22	1.22	0	%100
55	M57A	X	-4.207	-4.207	0	%100
56	M57A	Z	2.429	2.429	0	%100
57	M60A	X	-9.057	-9.057	0	%100
58	M60A	Z	5.229	5.229	0	%100
59	M61A	X	-2.139	-2.139	0	%100
60	M61A	Z	1.235	1.235	0	%100
61	M66A	X	-12.698	-12.698	0	%100
62	M66A	Z	7.331	7.331	0	%100
63	M67A	X	-4.285	-4.285	0	%100
64	M67A	Z	2.474	2.474	0	%100
65	M69A	X	-4.441	-4.441	0	%100
66	M69A	Z	2.564	2.564	0	%100
67	M71B	X	-12.698	-12.698	0	%100
68	M71B	Z	7.331	7.331	0	%100
69	M72A	X	-17.139	-17.139	0	%100
70	M72A	Z	9.895	9.895	0	%100
71	M74	X	-17.762	-17.762	0	%100
72	M74	Z	10.255	10.255	0	%100
73	M76	X	-7.503	-7.503	0	%100
74	M76	Z	4.332	4.332	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	0	0	0	%100
77	MP2A	X	-6.661	-6.661	0	%100
78	MP2A	Z	3.846	3.846	0	%100
79	MP3A	X	-6.661	-6.661	0	%100
80	MP3A	Z	3.846	3.846	0	%100
81	MP5C	X	-6.661	-6.661	0	%100
82	MP5C	Z	3.846	3.846	0	%100
83	MP4C	X	-6.661	-6.661	0	%100
84	MP4C	Z	3.846	3.846	0	%100
85	MP1C	X	-6.661	-6.661	0	%100
86	MP1C	Z	3.846	3.846	0	%100
87	MP2C	X	-6.661	-6.661	0	%100
88	MP2C	Z	3.846	3.846	0	%100
89	MP3C	X	-6.661	-6.661	0	%100
90	MP3C	Z	3.846	3.846	0	%100
91	MP5B	X	-6.661	-6.661	0	%100
92	MP5B	Z	3.846	3.846	0	%100
93	MP4B	X	-6.661	-6.661	0	%100
94	MP4B	Z	3.846	3.846	0	%100
95	MP1B	X	-6.661	-6.661	0	%100
96	MP1B	Z	3.846	3.846	0	%100
97	MP2B	X	-6.661	-6.661	0	%100
98	MP2B	Z	3.846	3.846	0	%100
99	MP3B	X	-6.661	-6.661	0	%100
100	MP3B	Z	3.846	3.846	0	%100
101	M94B	X	-2.393	-2.393	0	%100
102	M94B	Z	1.382	1.382	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,%]
103	M95	X	-2.393	-2.393	0	%100
104	M95	Z	1.382	1.382	0	%100
105	M100B	X	-2.139	-2.139	0	%100
106	M100B	Z	1.235	1.235	0	%100
107	M101B	X	-9.059	-9.059	0	%100
108	M101B	Z	5.23	5.23	0	%100
109	M106	X	-2.016	-2.016	0	%100
110	M106	Z	1.164	1.164	0	%100
111	M110	X	-8.063	-8.063	0	%100
112	M110	Z	4.655	4.655	0	%100
113	M111	X	-2.016	-2.016	0	%100
114	M111	Z	1.164	1.164	0	%100
115	M130	X	-10.108	-10.108	0	%100
116	M130	Z	5.836	5.836	0	%100
117	M131	X	-2.527	-2.527	0	%100
118	M131	Z	1.459	1.459	0	%100
119	M132	X	-2.527	-2.527	0	%100
120	M132	Z	1.459	1.459	0	%100
121	M134	X	-5.447	-5.447	0	%100
122	M134	Z	3.145	3.145	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M41A	X	-7.321	-7.321	0	%100
4	M41A	Z	0	0	0	%100
5	M42 1	X	-7.321	-7.321	0	%100
6	M42 1	Z	0	0	0	%100
7	M43A 1	X	-14.573	-14.573	0	%100
8	M43A 1	Z	0	0	0	%100
9	M64	X	-4.888	-4.888	0	%100
10	M64	Z	0	0	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	0	0	0	%100
13	M71	X	0	0	0	%100
14	M71	Z	0	0	0	%100
15	M86	X	-4.888	-4.888	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	-14.843	-14.843	0	%100
18	M87	Z	0	0	0	%100
19	M90	X	-15.382	-15.382	0	%100
20	M90	Z	0	0	0	%100
21	M51A	X	-7.321	-7.321	0	%100
22	M51A	Z	0	0	0	%100
23	M52	X	-7.321	-7.321	0	%100
24	M52	Z	0	0	0	%100
25	M53A	X	-14.573	-14.573	0	%100
26	M53A	Z	0	0	0	%100
27	M62	X	-4.888	-4.888	0	%100
28	M62	Z	0	0	0	%100
29	M63	X	-14.843	-14.843	0	%100
30	M63	Z	0	0	0	%100
31	M65A	X	-15.382	-15.382	0	%100
32	M65A	Z	0	0	0	%100
33	M67	X	-4.888	-4.888	0	%100
34	M67	Z	0	0	0	%100
35	M68A	X	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,%]
36	M68A	Z	0	0	0	%100
37	M70	X	0	0	0	%100
38	M70	Z	0	0	0	%100
39	MP5A	X	-7.691	-7.691	0	%100
40	MP5A	Z	0	0	0	%100
41	MP4A	X	-7.691	-7.691	0	%100
42	MP4A	Z	0	0	0	%100
43	MP1A	X	-7.691	-7.691	0	%100
44	MP1A	Z	0	0	0	%100
45	M109A	X	-2.888	-2.888	0	%100
46	M109A	Z	0	0	0	%100
47	M53	X	-8.501	-8.501	0	%100
48	M53	Z	0	0	0	%100
49	M54A	X	-8.501	-8.501	0	%100
50	M54A	Z	0	0	0	%100
51	M55A	X	0	0	0	%100
52	M55A	Z	0	0	0	%100
53	M56A	X	0	0	0	%100
54	M56A	Z	0	0	0	%100
55	M57A	X	0	0	0	%100
56	M57A	Z	0	0	0	%100
57	M60A	X	-7.698	-7.698	0	%100
58	M60A	Z	0	0	0	%100
59	M61A	X	-7.699	-7.699	0	%100
60	M61A	Z	0	0	0	%100
61	M66A	X	-19.55	-19.55	0	%100
62	M66A	Z	0	0	0	%100
63	M67A	X	-14.843	-14.843	0	%100
64	M67A	Z	0	0	0	%100
65	M69A	X	-15.382	-15.382	0	%100
66	M69A	Z	0	0	0	%100
67	M71B	X	-19.55	-19.55	0	%100
68	M71B	Z	0	0	0	%100
69	M72A	X	-14.843	-14.843	0	%100
70	M72A	Z	0	0	0	%100
71	M74	X	-15.382	-15.382	0	%100
72	M74	Z	0	0	0	%100
73	M76	X	-11.552	-11.552	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	-2.888	-2.888	0	%100
76	M77	Z	0	0	0	%100
77	MP2A	X	-7.691	-7.691	0	%100
78	MP2A	Z	0	0	0	%100
79	MP3A	X	-7.691	-7.691	0	%100
80	MP3A	Z	0	0	0	%100
81	MP5C	X	-7.691	-7.691	0	%100
82	MP5C	Z	0	0	0	%100
83	MP4C	X	-7.691	-7.691	0	%100
84	MP4C	Z	0	0	0	%100
85	MP1C	X	-7.691	-7.691	0	%100
86	MP1C	Z	0	0	0	%100
87	MP2C	X	-7.691	-7.691	0	%100
88	MP2C	Z	0	0	0	%100
89	MP3C	X	-7.691	-7.691	0	%100
90	MP3C	Z	0	0	0	%100
91	MP5B	X	-7.691	-7.691	0	%100
92	MP5B	Z	0	0	0	%100
93	MP4B	X	-7.691	-7.691	0	%100
94	MP4B	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,%]
95	MP1B	X	-7.691	-7.691	0	%100
96	MP1B	Z	0	0	0	%100
97	MP2B	X	-7.691	-7.691	0	%100
98	MP2B	Z	0	0	0	%100
99	MP3B	X	-7.691	-7.691	0	%100
100	MP3B	Z	0	0	0	%100
101	M94B	X	-7.991	-7.991	0	%100
102	M94B	Z	0	0	0	%100
103	M95	X	-.003	-.003	0	%100
104	M95	Z	0	0	0	%100
105	M100B	X	-.003	-.003	0	%100
106	M100B	Z	0	0	0	%100
107	M101B	X	-7.992	-7.992	0	%100
108	M101B	Z	0	0	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	0	0	0	%100
111	M110	X	-6.983	-6.983	0	%100
112	M110	Z	0	0	0	%100
113	M111	X	-6.983	-6.983	0	%100
114	M111	Z	0	0	0	%100
115	M130	X	-8.754	-8.754	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	0	0	0	%100
119	M132	X	-8.754	-8.754	0	%100
120	M132	Z	0	0	0	%100
121	M134	X	-6.289	-6.289	0	%100
122	M134	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	M20	X	-2.454	-2.454	0	%100
2	M20	Z	-1.417	-1.417	0	%100
3	M41A	X	-2.113	-2.113	0	%100
4	M41A	Z	-1.22	-1.22	0	%100
5	M42_1	X	-2.113	-2.113	0	%100
6	M42_1	Z	-1.22	-1.22	0	%100
7	M43A_1	X	-4.207	-4.207	0	%100
8	M43A_1	Z	-2.429	-2.429	0	%100
9	M64	X	-12.698	-12.698	0	%100
10	M64	Z	-7.331	-7.331	0	%100
11	M65	X	-4.285	-4.285	0	%100
12	M65	Z	-2.474	-2.474	0	%100
13	M71	X	-4.441	-4.441	0	%100
14	M71	Z	-2.564	-2.564	0	%100
15	M86	X	-12.698	-12.698	0	%100
16	M86	Z	-7.331	-7.331	0	%100
17	M87	X	-17.139	-17.139	0	%100
18	M87	Z	-9.895	-9.895	0	%100
19	M90	X	-17.762	-17.762	0	%100
20	M90	Z	-10.255	-10.255	0	%100
21	M51A	X	-8.453	-8.453	0	%100
22	M51A	Z	-4.881	-4.881	0	%100
23	M52	X	-8.453	-8.453	0	%100
24	M52	Z	-4.881	-4.881	0	%100
25	M53A	X	-16.827	-16.827	0	%100
26	M53A	Z	-9.715	-9.715	0	%100
27	M62	X	0	0	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,%]
28	M62	Z	0	0	0	%100
29	M63	X	-4.285	-4.285	0	%100
30	M63	Z	-2.474	-2.474	0	%100
31	M65A	X	-4.441	-4.441	0	%100
32	M65A	Z	-2.564	-2.564	0	%100
33	M67	X	0	0	0	%100
34	M67	Z	0	0	0	%100
35	M68A	X	-4.285	-4.285	0	%100
36	M68A	Z	-2.474	-2.474	0	%100
37	M70	X	-4.441	-4.441	0	%100
38	M70	Z	-2.564	-2.564	0	%100
39	MP5A	X	-6.661	-6.661	0	%100
40	MP5A	Z	-3.846	-3.846	0	%100
41	MP4A	X	-6.661	-6.661	0	%100
42	MP4A	Z	-3.846	-3.846	0	%100
43	MP1A	X	-6.661	-6.661	0	%100
44	MP1A	Z	-3.846	-3.846	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	0	0	0	%100
47	M53	X	-2.454	-2.454	0	%100
48	M53	Z	-1.417	-1.417	0	%100
49	M54A	X	-9.816	-9.816	0	%100
50	M54A	Z	-5.667	-5.667	0	%100
51	M55A	X	-2.113	-2.113	0	%100
52	M55A	Z	-1.22	-1.22	0	%100
53	M56A	X	-2.113	-2.113	0	%100
54	M56A	Z	-1.22	-1.22	0	%100
55	M57A	X	-4.207	-4.207	0	%100
56	M57A	Z	-2.429	-2.429	0	%100
57	M60A	X	-2.139	-2.139	0	%100
58	M60A	Z	-1.235	-1.235	0	%100
59	M61A	X	-9.059	-9.059	0	%100
60	M61A	Z	-5.23	-5.23	0	%100
61	M66A	X	-12.698	-12.698	0	%100
62	M66A	Z	-7.331	-7.331	0	%100
63	M67A	X	-17.139	-17.139	0	%100
64	M67A	Z	-9.895	-9.895	0	%100
65	M69A	X	-17.762	-17.762	0	%100
66	M69A	Z	-10.255	-10.255	0	%100
67	M71B	X	-12.698	-12.698	0	%100
68	M71B	Z	-7.331	-7.331	0	%100
69	M72A	X	-4.285	-4.285	0	%100
70	M72A	Z	-2.474	-2.474	0	%100
71	M74	X	-4.441	-4.441	0	%100
72	M74	Z	-2.564	-2.564	0	%100
73	M76	X	-7.503	-7.503	0	%100
74	M76	Z	-4.332	-4.332	0	%100
75	M77	X	-7.503	-7.503	0	%100
76	M77	Z	-4.332	-4.332	0	%100
77	MP2A	X	-6.661	-6.661	0	%100
78	MP2A	Z	-3.846	-3.846	0	%100
79	MP3A	X	-6.661	-6.661	0	%100
80	MP3A	Z	-3.846	-3.846	0	%100
81	MP5C	X	-6.661	-6.661	0	%100
82	MP5C	Z	-3.846	-3.846	0	%100
83	MP4C	X	-6.661	-6.661	0	%100
84	MP4C	Z	-3.846	-3.846	0	%100
85	MP1C	X	-6.661	-6.661	0	%100
86	MP1C	Z	-3.846	-3.846	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,%]
87	MP2C	X	-6.661	-6.661	0	%100
88	MP2C	Z	-3.846	-3.846	0	%100
89	MP3C	X	-6.661	-6.661	0	%100
90	MP3C	Z	-3.846	-3.846	0	%100
91	MP5B	X	-6.661	-6.661	0	%100
92	MP5B	Z	-3.846	-3.846	0	%100
93	MP4B	X	-6.661	-6.661	0	%100
94	MP4B	Z	-3.846	-3.846	0	%100
95	MP1B	X	-6.661	-6.661	0	%100
96	MP1B	Z	-3.846	-3.846	0	%100
97	MP2B	X	-6.661	-6.661	0	%100
98	MP2B	Z	-3.846	-3.846	0	%100
99	MP3B	X	-6.661	-6.661	0	%100
100	MP3B	Z	-3.846	-3.846	0	%100
101	M94B	X	-9.057	-9.057	0	%100
102	M94B	Z	-5.229	-5.229	0	%100
103	M95	X	-2.139	-2.139	0	%100
104	M95	Z	-1.235	-1.235	0	%100
105	M100B	X	-2.393	-2.393	0	%100
106	M100B	Z	-1.382	-1.382	0	%100
107	M101B	X	-2.393	-2.393	0	%100
108	M101B	Z	-1.382	-1.382	0	%100
109	M106	X	-2.016	-2.016	0	%100
110	M106	Z	-1.164	-1.164	0	%100
111	M110	X	-2.016	-2.016	0	%100
112	M110	Z	-1.164	-1.164	0	%100
113	M111	X	-8.063	-8.063	0	%100
114	M111	Z	-4.655	-4.655	0	%100
115	M130	X	-2.527	-2.527	0	%100
116	M130	Z	-1.459	-1.459	0	%100
117	M131	X	-2.527	-2.527	0	%100
118	M131	Z	-1.459	-1.459	0	%100
119	M132	X	-10.108	-10.108	0	%100
120	M132	Z	-5.836	-5.836	0	%100
121	M134	X	-5.447	-5.447	0	%100
122	M134	Z	-3.145	-3.145	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	M20	X	-4.25	-4.25	0	%100
2	M20	Z	-7.362	-7.362	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	0	0	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	0	0	0	%100
8	M43A_1	Z	0	0	0	%100
9	M64	X	-9.775	-9.775	0	%100
10	M64	Z	-16.931	-16.931	0	%100
11	M65	X	-7.421	-7.421	0	%100
12	M65	Z	-12.854	-12.854	0	%100
13	M71	X	-7.691	-7.691	0	%100
14	M71	Z	-13.322	-13.322	0	%100
15	M86	X	-9.775	-9.775	0	%100
16	M86	Z	-16.931	-16.931	0	%100
17	M87	X	-7.421	-7.421	0	%100
18	M87	Z	-12.854	-12.854	0	%100
19	M90	X	-7.691	-7.691	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,%]
20	M90	Z	-13.322	-13.322	0	%100
21	M51A	X	-3.66	-3.66	0	%100
22	M51A	Z	-6.34	-6.34	0	%100
23	M52	X	-3.66	-3.66	0	%100
24	M52	Z	-6.34	-6.34	0	%100
25	M53A	X	-7.286	-7.286	0	%100
26	M53A	Z	-12.62	-12.62	0	%100
27	M62	X	-2.444	-2.444	0	%100
28	M62	Z	-4.233	-4.233	0	%100
29	M63	X	0	0	0	%100
30	M63	Z	0	0	0	%100
31	M65A	X	0	0	0	%100
32	M65A	Z	0	0	0	%100
33	M67	X	-2.444	-2.444	0	%100
34	M67	Z	-4.233	-4.233	0	%100
35	M68A	X	-7.421	-7.421	0	%100
36	M68A	Z	-12.854	-12.854	0	%100
37	M70	X	-7.691	-7.691	0	%100
38	M70	Z	-13.322	-13.322	0	%100
39	MP5A	X	-3.846	-3.846	0	%100
40	MP5A	Z	-6.661	-6.661	0	%100
41	MP4A	X	-3.846	-3.846	0	%100
42	MP4A	Z	-6.661	-6.661	0	%100
43	MP1A	X	-3.846	-3.846	0	%100
44	MP1A	Z	-6.661	-6.661	0	%100
45	M109A	X	-1.444	-1.444	0	%100
46	M109A	Z	-2.501	-2.501	0	%100
47	M53	X	0	0	0	%100
48	M53	Z	0	0	0	%100
49	M54A	X	-4.25	-4.25	0	%100
50	M54A	Z	-7.362	-7.362	0	%100
51	M55A	X	-3.66	-3.66	0	%100
52	M55A	Z	-6.34	-6.34	0	%100
53	M56A	X	-3.66	-3.66	0	%100
54	M56A	Z	-6.34	-6.34	0	%100
55	M57A	X	-7.286	-7.286	0	%100
56	M57A	Z	-12.62	-12.62	0	%100
57	M60A	X	-.001	-.001	0	%100
58	M60A	Z	-.002	-.002	0	%100
59	M61A	X	-3.996	-3.996	0	%100
60	M61A	Z	-6.922	-6.922	0	%100
61	M66A	X	-2.444	-2.444	0	%100
62	M66A	Z	-4.233	-4.233	0	%100
63	M67A	X	-7.421	-7.421	0	%100
64	M67A	Z	-12.854	-12.854	0	%100
65	M69A	X	-7.691	-7.691	0	%100
66	M69A	Z	-13.322	-13.322	0	%100
67	M71B	X	-2.444	-2.444	0	%100
68	M71B	Z	-4.233	-4.233	0	%100
69	M72A	X	0	0	0	%100
70	M72A	Z	0	0	0	%100
71	M74	X	0	0	0	%100
72	M74	Z	0	0	0	%100
73	M76	X	-1.444	-1.444	0	%100
74	M76	Z	-2.501	-2.501	0	%100
75	M77	X	-5.776	-5.776	0	%100
76	M77	Z	-10.004	-10.004	0	%100
77	MP2A	X	-3.846	-3.846	0	%100
78	MP2A	Z	-6.661	-6.661	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,%]
79	MP3A	X	-3.846	-3.846	0	%100
80	MP3A	Z	-6.661	-6.661	0	%100
81	MP5C	X	-3.846	-3.846	0	%100
82	MP5C	Z	-6.661	-6.661	0	%100
83	MP4C	X	-3.846	-3.846	0	%100
84	MP4C	Z	-6.661	-6.661	0	%100
85	MP1C	X	-3.846	-3.846	0	%100
86	MP1C	Z	-6.661	-6.661	0	%100
87	MP2C	X	-3.846	-3.846	0	%100
88	MP2C	Z	-6.661	-6.661	0	%100
89	MP3C	X	-3.846	-3.846	0	%100
90	MP3C	Z	-6.661	-6.661	0	%100
91	MP5B	X	-3.846	-3.846	0	%100
92	MP5B	Z	-6.661	-6.661	0	%100
93	MP4B	X	-3.846	-3.846	0	%100
94	MP4B	Z	-6.661	-6.661	0	%100
95	MP1B	X	-3.846	-3.846	0	%100
96	MP1B	Z	-6.661	-6.661	0	%100
97	MP2B	X	-3.846	-3.846	0	%100
98	MP2B	Z	-6.661	-6.661	0	%100
99	MP3B	X	-3.846	-3.846	0	%100
100	MP3B	Z	-6.661	-6.661	0	%100
101	M94B	X	-3.849	-3.849	0	%100
102	M94B	Z	-6.666	-6.666	0	%100
103	M95	X	-3.849	-3.849	0	%100
104	M95	Z	-6.667	-6.667	0	%100
105	M100B	X	-3.996	-3.996	0	%100
106	M100B	Z	-6.921	-6.921	0	%100
107	M101B	X	-.001	-.001	0	%100
108	M101B	Z	-.002	-.002	0	%100
109	M106	X	-3.491	-3.491	0	%100
110	M106	Z	-6.047	-6.047	0	%100
111	M110	X	0	0	0	%100
112	M110	Z	0	0	0	%100
113	M111	X	-3.491	-3.491	0	%100
114	M111	Z	-6.047	-6.047	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	-4.377	-4.377	0	%100
118	M131	Z	-7.581	-7.581	0	%100
119	M132	X	-4.377	-4.377	0	%100
120	M132	Z	-7.581	-7.581	0	%100
121	M134	X	-3.145	-3.145	0	%100
122	M134	Z	-5.447	-5.447	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	M20	X	0	0	0	%100
2	M20	Z	-3.897	-3.897	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	-.758	-.758	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	-.758	-.758	0	%100
7	M43A_1	X	0	0	0	%100
8	M43A_1	Z	-1.137	-1.137	0	%100
9	M64	X	0	0	0	%100
10	M64	Z	-3.39	-3.39	0	%100
11	M65	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,%]
12	M65	Z	-4.561	-4.561	0	%100
13	M71	X	0	0	0	%100
14	M71	Z	-4.686	-4.686	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	-3.39	-3.39	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	-1.14	-1.14	0	%100
19	M90	X	0	0	0	%100
20	M90	Z	-1.172	-1.172	0	%100
21	M51A	X	0	0	0	%100
22	M51A	Z	-.758	-.758	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	-.758	-.758	0	%100
25	M53A	X	0	0	0	%100
26	M53A	Z	-1.137	-1.137	0	%100
27	M62	X	0	0	0	%100
28	M62	Z	-3.39	-3.39	0	%100
29	M63	X	0	0	0	%100
30	M63	Z	-1.14	-1.14	0	%100
31	M65A	X	0	0	0	%100
32	M65A	Z	-1.172	-1.172	0	%100
33	M67	X	0	0	0	%100
34	M67	Z	-3.39	-3.39	0	%100
35	M68A	X	0	0	0	%100
36	M68A	Z	-4.561	-4.561	0	%100
37	M70	X	0	0	0	%100
38	M70	Z	-4.686	-4.686	0	%100
39	MP5A	X	0	0	0	%100
40	MP5A	Z	-3.121	-3.121	0	%100
41	MP4A	X	0	0	0	%100
42	MP4A	Z	-3.121	-3.121	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	-3.121	-3.121	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	-2.773	-2.773	0	%100
47	M53	X	0	0	0	%100
48	M53	Z	-.974	-.974	0	%100
49	M54A	X	0	0	0	%100
50	M54A	Z	-.974	-.974	0	%100
51	M55A	X	0	0	0	%100
52	M55A	Z	-3.031	-3.031	0	%100
53	M56A	X	0	0	0	%100
54	M56A	Z	-3.031	-3.031	0	%100
55	M57A	X	0	0	0	%100
56	M57A	Z	-4.546	-4.546	0	%100
57	M60A	X	0	0	0	%100
58	M60A	Z	-.881	-.881	0	%100
59	M61A	X	0	0	0	%100
60	M61A	Z	-.881	-.881	0	%100
61	M66A	X	0	0	0	%100
62	M66A	Z	0	0	0	%100
63	M67A	X	0	0	0	%100
64	M67A	Z	-1.14	-1.14	0	%100
65	M69A	X	0	0	0	%100
66	M69A	Z	-1.172	-1.172	0	%100
67	M71B	X	0	0	0	%100
68	M71B	Z	0	0	0	%100
69	M72A	X	0	0	0	%100
70	M72A	Z	-1.14	-1.14	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,%]
71	M74	X	0	0	0	%100
72	M74	Z	-1.172	-1.172	0	%100
73	M76	X	0	0	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	-2.773	-2.773	0	%100
77	MP2A	X	0	0	0	%100
78	MP2A	Z	-3.121	-3.121	0	%100
79	MP3A	X	0	0	0	%100
80	MP3A	Z	-3.265	-3.265	0	%100
81	MP5C	X	0	0	0	%100
82	MP5C	Z	-3.121	-3.121	0	%100
83	MP4C	X	0	0	0	%100
84	MP4C	Z	-3.121	-3.121	0	%100
85	MP1C	X	0	0	0	%100
86	MP1C	Z	-3.121	-3.121	0	%100
87	MP2C	X	0	0	0	%100
88	MP2C	Z	-3.121	-3.121	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	-3.265	-3.265	0	%100
91	MP5B	X	0	0	0	%100
92	MP5B	Z	-3.121	-3.121	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	-3.121	-3.121	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-3.121	-3.121	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	-3.121	-3.121	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	-3.265	-3.265	0	%100
101	M94B	X	0	0	0	%100
102	M94B	Z	-.787	-.787	0	%100
103	M95	X	0	0	0	%100
104	M95	Z	-3.334	-3.334	0	%100
105	M100B	X	0	0	0	%100
106	M100B	Z	-3.333	-3.333	0	%100
107	M101B	X	0	0	0	%100
108	M101B	Z	-.787	-.787	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	-3.546	-3.546	0	%100
111	M110	X	0	0	0	%100
112	M110	Z	-.886	-.886	0	%100
113	M111	X	0	0	0	%100
114	M111	Z	-.886	-.886	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	-.83	-.83	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	-3.32	-3.32	0	%100
119	M132	X	0	0	0	%100
120	M132	Z	-.83	-.83	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	-2.503	-2.503	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	M20	X	1.461	1.461	0	%100
2	M20	Z	-2.531	-2.531	0	%100
3	M41A	X	1.137	1.137	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,%]
4	M41A	Z	-1.969	-1.969	0	%100
5	M42 1	X	1.137	1.137	0	%100
6	M42 1	Z	-1.969	-1.969	0	%100
7	M43A 1	X	1.705	1.705	0	%100
8	M43A 1	Z	-2.953	-2.953	0	%100
9	M64	X	.565	.565	0	%100
10	M64	Z	-.979	-.979	0	%100
11	M65	X	1.71	1.71	0	%100
12	M65	Z	-2.963	-2.963	0	%100
13	M71	X	1.757	1.757	0	%100
14	M71	Z	-3.044	-3.044	0	%100
15	M86	X	.565	.565	0	%100
16	M86	Z	-.979	-.979	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	0	0	0	%100
19	M90	X	0	0	0	%100
20	M90	Z	0	0	0	%100
21	M51A	X	0	0	0	%100
22	M51A	Z	0	0	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	0	0	0	%100
25	M53A	X	0	0	0	%100
26	M53A	Z	0	0	0	%100
27	M62	X	2.26	2.26	0	%100
28	M62	Z	-3.914	-3.914	0	%100
29	M63	X	1.71	1.71	0	%100
30	M63	Z	-2.963	-2.963	0	%100
31	M65A	X	1.757	1.757	0	%100
32	M65A	Z	-3.044	-3.044	0	%100
33	M67	X	2.26	2.26	0	%100
34	M67	Z	-3.914	-3.914	0	%100
35	M68A	X	1.71	1.71	0	%100
36	M68A	Z	-2.963	-2.963	0	%100
37	M70	X	1.757	1.757	0	%100
38	M70	Z	-3.044	-3.044	0	%100
39	MP5A	X	1.56	1.56	0	%100
40	MP5A	Z	-2.703	-2.703	0	%100
41	MP4A	X	1.56	1.56	0	%100
42	MP4A	Z	-2.703	-2.703	0	%100
43	MP1A	X	1.56	1.56	0	%100
44	MP1A	Z	-2.703	-2.703	0	%100
45	M109A	X	1.849	1.849	0	%100
46	M109A	Z	-3.202	-3.202	0	%100
47	M53	X	1.461	1.461	0	%100
48	M53	Z	-2.531	-2.531	0	%100
49	M54A	X	0	0	0	%100
50	M54A	Z	0	0	0	%100
51	M55A	X	1.137	1.137	0	%100
52	M55A	Z	-1.969	-1.969	0	%100
53	M56A	X	1.137	1.137	0	%100
54	M56A	Z	-1.969	-1.969	0	%100
55	M57A	X	1.705	1.705	0	%100
56	M57A	Z	-2.953	-2.953	0	%100
57	M60A	X	1.274	1.274	0	%100
58	M60A	Z	-2.206	-2.206	0	%100
59	M61A	X	.000437	.000437	0	%100
60	M61A	Z	-.000758	-.000758	0	%100
61	M66A	X	.565	.565	0	%100
62	M66A	Z	-.979	-.979	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,%]
63	M67A	X	0	0	0	%100
64	M67A	Z	0	0	0	%100
65	M69A	X	0	0	0	%100
66	M69A	Z	0	0	0	%100
67	M71B	X	.565	.565	0	%100
68	M71B	Z	-.979	-.979	0	%100
69	M72A	X	1.71	1.71	0	%100
70	M72A	Z	-2.963	-2.963	0	%100
71	M74	X	1.757	1.757	0	%100
72	M74	Z	-3.044	-3.044	0	%100
73	M76	X	.462	.462	0	%100
74	M76	Z	-.801	-.801	0	%100
75	M77	X	.462	.462	0	%100
76	M77	Z	-.801	-.801	0	%100
77	MP2A	X	1.56	1.56	0	%100
78	MP2A	Z	-2.703	-2.703	0	%100
79	MP3A	X	1.632	1.632	0	%100
80	MP3A	Z	-2.827	-2.827	0	%100
81	MP5C	X	1.56	1.56	0	%100
82	MP5C	Z	-2.703	-2.703	0	%100
83	MP4C	X	1.56	1.56	0	%100
84	MP4C	Z	-2.703	-2.703	0	%100
85	MP1C	X	1.56	1.56	0	%100
86	MP1C	Z	-2.703	-2.703	0	%100
87	MP2C	X	1.56	1.56	0	%100
88	MP2C	Z	-2.703	-2.703	0	%100
89	MP3C	X	1.632	1.632	0	%100
90	MP3C	Z	-2.827	-2.827	0	%100
91	MP5B	X	1.56	1.56	0	%100
92	MP5B	Z	-2.703	-2.703	0	%100
93	MP4B	X	1.56	1.56	0	%100
94	MP4B	Z	-2.703	-2.703	0	%100
95	MP1B	X	1.56	1.56	0	%100
96	MP1B	Z	-2.703	-2.703	0	%100
97	MP2B	X	1.56	1.56	0	%100
98	MP2B	Z	-2.703	-2.703	0	%100
99	MP3B	X	1.632	1.632	0	%100
100	MP3B	Z	-2.827	-2.827	0	%100
101	M94B	X	.000438	.000438	0	%100
102	M94B	Z	-.000758	-.000758	0	%100
103	M95	X	1.274	1.274	0	%100
104	M95	Z	-2.206	-2.206	0	%100
105	M100B	X	1.227	1.227	0	%100
106	M100B	Z	-2.125	-2.125	0	%100
107	M101B	X	1.227	1.227	0	%100
108	M101B	Z	-2.125	-2.125	0	%100
109	M106	X	1.33	1.33	0	%100
110	M106	Z	-2.303	-2.303	0	%100
111	M110	X	1.33	1.33	0	%100
112	M110	Z	-2.303	-2.303	0	%100
113	M111	X	0	0	0	%100
114	M111	Z	0	0	0	%100
115	M130	X	1.245	1.245	0	%100
116	M130	Z	-2.156	-2.156	0	%100
117	M131	X	1.245	1.245	0	%100
118	M131	Z	-2.156	-2.156	0	%100
119	M132	X	0	0	0	%100
120	M132	Z	0	0	0	%100
121	M134	X	1.251	1.251	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,%]
122	M134	Z	-2.167	-2.167	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	M20	X	.844	.844	0	%100
2	M20	Z	-.487	-.487	0	%100
3	M41A	X	2.625	2.625	0	%100
4	M41A	Z	-1.516	-1.516	0	%100
5	M42_1	X	2.625	2.625	0	%100
6	M42_1	Z	-1.516	-1.516	0	%100
7	M43A_1	X	3.937	3.937	0	%100
8	M43A_1	Z	-2.273	-2.273	0	%100
9	M64	X	0	0	0	%100
10	M64	Z	0	0	0	%100
11	M65	X	.988	.988	0	%100
12	M65	Z	-.57	-.57	0	%100
13	M71	X	1.015	1.015	0	%100
14	M71	Z	-.586	-.586	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	.988	.988	0	%100
18	M87	Z	-.57	-.57	0	%100
19	M90	X	1.015	1.015	0	%100
20	M90	Z	-.586	-.586	0	%100
21	M51A	X	.656	.656	0	%100
22	M51A	Z	-.379	-.379	0	%100
23	M52	X	.656	.656	0	%100
24	M52	Z	-.379	-.379	0	%100
25	M53A	X	.984	.984	0	%100
26	M53A	Z	-.568	-.568	0	%100
27	M62	X	2.936	2.936	0	%100
28	M62	Z	-1.695	-1.695	0	%100
29	M63	X	3.95	3.95	0	%100
30	M63	Z	-2.281	-2.281	0	%100
31	M65A	X	4.058	4.058	0	%100
32	M65A	Z	-2.343	-2.343	0	%100
33	M67	X	2.936	2.936	0	%100
34	M67	Z	-1.695	-1.695	0	%100
35	M68A	X	.988	.988	0	%100
36	M68A	Z	-.57	-.57	0	%100
37	M70	X	1.015	1.015	0	%100
38	M70	Z	-.586	-.586	0	%100
39	MP5A	X	2.703	2.703	0	%100
40	MP5A	Z	-1.56	-1.56	0	%100
41	MP4A	X	2.703	2.703	0	%100
42	MP4A	Z	-1.56	-1.56	0	%100
43	MP1A	X	2.703	2.703	0	%100
44	MP1A	Z	-1.56	-1.56	0	%100
45	M109A	X	2.402	2.402	0	%100
46	M109A	Z	-1.387	-1.387	0	%100
47	M53	X	3.375	3.375	0	%100
48	M53	Z	-1.949	-1.949	0	%100
49	M54A	X	.844	.844	0	%100
50	M54A	Z	-.487	-.487	0	%100
51	M55A	X	.656	.656	0	%100
52	M55A	Z	-.379	-.379	0	%100
53	M56A	X	.656	.656	0	%100
54	M56A	Z	-.379	-.379	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,%]
55	M57A	X	.984	.984	0	%100
56	M57A	Z	-.568	-.568	0	%100
57	M60A	X	2.887	2.887	0	%100
58	M60A	Z	-1.667	-1.667	0	%100
59	M61A	X	.682	.682	0	%100
60	M61A	Z	-.394	-.394	0	%100
61	M66A	X	2.936	2.936	0	%100
62	M66A	Z	-1.695	-1.695	0	%100
63	M67A	X	.988	.988	0	%100
64	M67A	Z	-.57	-.57	0	%100
65	M69A	X	1.015	1.015	0	%100
66	M69A	Z	-.586	-.586	0	%100
67	M71B	X	2.936	2.936	0	%100
68	M71B	Z	-1.695	-1.695	0	%100
69	M72A	X	3.95	3.95	0	%100
70	M72A	Z	-2.281	-2.281	0	%100
71	M74	X	4.058	4.058	0	%100
72	M74	Z	-2.343	-2.343	0	%100
73	M76	X	2.402	2.402	0	%100
74	M76	Z	-1.387	-1.387	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	0	0	0	%100
77	MP2A	X	2.703	2.703	0	%100
78	MP2A	Z	-1.56	-1.56	0	%100
79	MP3A	X	2.827	2.827	0	%100
80	MP3A	Z	-1.632	-1.632	0	%100
81	MP5C	X	2.703	2.703	0	%100
82	MP5C	Z	-1.56	-1.56	0	%100
83	MP4C	X	2.703	2.703	0	%100
84	MP4C	Z	-1.56	-1.56	0	%100
85	MP1C	X	2.703	2.703	0	%100
86	MP1C	Z	-1.56	-1.56	0	%100
87	MP2C	X	2.703	2.703	0	%100
88	MP2C	Z	-1.56	-1.56	0	%100
89	MP3C	X	2.827	2.827	0	%100
90	MP3C	Z	-1.632	-1.632	0	%100
91	MP5B	X	2.703	2.703	0	%100
92	MP5B	Z	-1.56	-1.56	0	%100
93	MP4B	X	2.703	2.703	0	%100
94	MP4B	Z	-1.56	-1.56	0	%100
95	MP1B	X	2.703	2.703	0	%100
96	MP1B	Z	-1.56	-1.56	0	%100
97	MP2B	X	2.703	2.703	0	%100
98	MP2B	Z	-1.56	-1.56	0	%100
99	MP3B	X	2.827	2.827	0	%100
100	MP3B	Z	-1.632	-1.632	0	%100
101	M94B	X	.763	.763	0	%100
102	M94B	Z	-.44	-.44	0	%100
103	M95	X	.763	.763	0	%100
104	M95	Z	-.44	-.44	0	%100
105	M100B	X	.682	.682	0	%100
106	M100B	Z	-.394	-.394	0	%100
107	M101B	X	2.887	2.887	0	%100
108	M101B	Z	-1.667	-1.667	0	%100
109	M106	X	.768	.768	0	%100
110	M106	Z	-.443	-.443	0	%100
111	M110	X	3.071	3.071	0	%100
112	M110	Z	-1.773	-1.773	0	%100
113	M111	X	.768	.768	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,%]
114	M111	Z	-.443	-.443	0	%100
115	M130	X	2.875	2.875	0	%100
116	M130	Z	-1.66	-1.66	0	%100
117	M131	X	.719	.719	0	%100
118	M131	Z	-.415	-.415	0	%100
119	M132	X	.719	.719	0	%100
120	M132	Z	-.415	-.415	0	%100
121	M134	X	2.167	2.167	0	%100
122	M134	Z	-1.251	-1.251	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M41A	X	2.274	2.274	0	%100
4	M41A	Z	0	0	0	%100
5	M42_1	X	2.274	2.274	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	3.41	3.41	0	%100
8	M43A_1	Z	0	0	0	%100
9	M64	X	1.13	1.13	0	%100
10	M64	Z	0	0	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	0	0	0	%100
13	M71	X	0	0	0	%100
14	M71	Z	0	0	0	%100
15	M86	X	1.13	1.13	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	3.421	3.421	0	%100
18	M87	Z	0	0	0	%100
19	M90	X	3.515	3.515	0	%100
20	M90	Z	0	0	0	%100
21	M51A	X	2.274	2.274	0	%100
22	M51A	Z	0	0	0	%100
23	M52	X	2.274	2.274	0	%100
24	M52	Z	0	0	0	%100
25	M53A	X	3.41	3.41	0	%100
26	M53A	Z	0	0	0	%100
27	M62	X	1.13	1.13	0	%100
28	M62	Z	0	0	0	%100
29	M63	X	3.421	3.421	0	%100
30	M63	Z	0	0	0	%100
31	M65A	X	3.515	3.515	0	%100
32	M65A	Z	0	0	0	%100
33	M67	X	1.13	1.13	0	%100
34	M67	Z	0	0	0	%100
35	M68A	X	0	0	0	%100
36	M68A	Z	0	0	0	%100
37	M70	X	0	0	0	%100
38	M70	Z	0	0	0	%100
39	MP5A	X	3.121	3.121	0	%100
40	MP5A	Z	0	0	0	%100
41	MP4A	X	3.121	3.121	0	%100
42	MP4A	Z	0	0	0	%100
43	MP1A	X	3.121	3.121	0	%100
44	MP1A	Z	0	0	0	%100
45	M109A	X	.924	.924	0	%100
46	M109A	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,%]
47	M53	X	2.923	2.923	0	%100
48	M53	Z	0	0	0	%100
49	M54A	X	2.923	2.923	0	%100
50	M54A	Z	0	0	0	%100
51	M55A	X	0	0	0	%100
52	M55A	Z	0	0	0	%100
53	M56A	X	0	0	0	%100
54	M56A	Z	0	0	0	%100
55	M57A	X	0	0	0	%100
56	M57A	Z	0	0	0	%100
57	M60A	X	2.453	2.453	0	%100
58	M60A	Z	0	0	0	%100
59	M61A	X	2.454	2.454	0	%100
60	M61A	Z	0	0	0	%100
61	M66A	X	4.52	4.52	0	%100
62	M66A	Z	0	0	0	%100
63	M67A	X	3.421	3.421	0	%100
64	M67A	Z	0	0	0	%100
65	M69A	X	3.515	3.515	0	%100
66	M69A	Z	0	0	0	%100
67	M71B	X	4.52	4.52	0	%100
68	M71B	Z	0	0	0	%100
69	M72A	X	3.421	3.421	0	%100
70	M72A	Z	0	0	0	%100
71	M74	X	3.515	3.515	0	%100
72	M74	Z	0	0	0	%100
73	M76	X	3.698	3.698	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	.924	.924	0	%100
76	M77	Z	0	0	0	%100
77	MP2A	X	3.121	3.121	0	%100
78	MP2A	Z	0	0	0	%100
79	MP3A	X	3.265	3.265	0	%100
80	MP3A	Z	0	0	0	%100
81	MP5C	X	3.121	3.121	0	%100
82	MP5C	Z	0	0	0	%100
83	MP4C	X	3.121	3.121	0	%100
84	MP4C	Z	0	0	0	%100
85	MP1C	X	3.121	3.121	0	%100
86	MP1C	Z	0	0	0	%100
87	MP2C	X	3.121	3.121	0	%100
88	MP2C	Z	0	0	0	%100
89	MP3C	X	3.265	3.265	0	%100
90	MP3C	Z	0	0	0	%100
91	MP5B	X	3.121	3.121	0	%100
92	MP5B	Z	0	0	0	%100
93	MP4B	X	3.121	3.121	0	%100
94	MP4B	Z	0	0	0	%100
95	MP1B	X	3.121	3.121	0	%100
96	MP1B	Z	0	0	0	%100
97	MP2B	X	3.121	3.121	0	%100
98	MP2B	Z	0	0	0	%100
99	MP3B	X	3.265	3.265	0	%100
100	MP3B	Z	0	0	0	%100
101	M94B	X	2.547	2.547	0	%100
102	M94B	Z	0	0	0	%100
103	M95	X	.000875	.000875	0	%100
104	M95	Z	0	0	0	%100
105	M100B	X	.000875	.000875	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,%]
106	M100B	Z	0	0	0	%100
107	M101B	X	2.547	2.547	0	%100
108	M101B	Z	0	0	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	0	0	0	%100
111	M110	X	2.659	2.659	0	%100
112	M110	Z	0	0	0	%100
113	M111	X	2.659	2.659	0	%100
114	M111	Z	0	0	0	%100
115	M130	X	2.49	2.49	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	0	0	0	%100
119	M132	X	2.49	2.49	0	%100
120	M132	Z	0	0	0	%100
121	M134	X	2.503	2.503	0	%100
122	M134	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	M20	X	.844	.844	0	%100
2	M20	Z	.487	.487	0	%100
3	M41A	X	.656	.656	0	%100
4	M41A	Z	.379	.379	0	%100
5	M42_1	X	.656	.656	0	%100
6	M42_1	Z	.379	.379	0	%100
7	M43A_1	X	.984	.984	0	%100
8	M43A_1	Z	.568	.568	0	%100
9	M64	X	2.936	2.936	0	%100
10	M64	Z	1.695	1.695	0	%100
11	M65	X	.988	.988	0	%100
12	M65	Z	.57	.57	0	%100
13	M71	X	1.015	1.015	0	%100
14	M71	Z	.586	.586	0	%100
15	M86	X	2.936	2.936	0	%100
16	M86	Z	1.695	1.695	0	%100
17	M87	X	3.95	3.95	0	%100
18	M87	Z	2.281	2.281	0	%100
19	M90	X	4.058	4.058	0	%100
20	M90	Z	2.343	2.343	0	%100
21	M51A	X	2.625	2.625	0	%100
22	M51A	Z	1.516	1.516	0	%100
23	M52	X	2.625	2.625	0	%100
24	M52	Z	1.516	1.516	0	%100
25	M53A	X	3.937	3.937	0	%100
26	M53A	Z	2.273	2.273	0	%100
27	M62	X	0	0	0	%100
28	M62	Z	0	0	0	%100
29	M63	X	.988	.988	0	%100
30	M63	Z	.57	.57	0	%100
31	M65A	X	1.015	1.015	0	%100
32	M65A	Z	.586	.586	0	%100
33	M67	X	0	0	0	%100
34	M67	Z	0	0	0	%100
35	M68A	X	.988	.988	0	%100
36	M68A	Z	.57	.57	0	%100
37	M70	X	1.015	1.015	0	%100
38	M70	Z	.586	.586	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	MP5A	X	2.703	2.703	0	%100
40	MP5A	Z	1.56	1.56	0	%100
41	MP4A	X	2.703	2.703	0	%100
42	MP4A	Z	1.56	1.56	0	%100
43	MP1A	X	2.703	2.703	0	%100
44	MP1A	Z	1.56	1.56	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	0	0	0	%100
47	M53	X	.844	.844	0	%100
48	M53	Z	.487	.487	0	%100
49	M54A	X	3.375	3.375	0	%100
50	M54A	Z	1.949	1.949	0	%100
51	M55A	X	.656	.656	0	%100
52	M55A	Z	.379	.379	0	%100
53	M56A	X	.656	.656	0	%100
54	M56A	Z	.379	.379	0	%100
55	M57A	X	.984	.984	0	%100
56	M57A	Z	.568	.568	0	%100
57	M60A	X	.682	.682	0	%100
58	M60A	Z	.394	.394	0	%100
59	M61A	X	2.887	2.887	0	%100
60	M61A	Z	1.667	1.667	0	%100
61	M66A	X	2.936	2.936	0	%100
62	M66A	Z	1.695	1.695	0	%100
63	M67A	X	3.95	3.95	0	%100
64	M67A	Z	2.281	2.281	0	%100
65	M69A	X	4.058	4.058	0	%100
66	M69A	Z	2.343	2.343	0	%100
67	M71B	X	2.936	2.936	0	%100
68	M71B	Z	1.695	1.695	0	%100
69	M72A	X	.988	.988	0	%100
70	M72A	Z	.57	.57	0	%100
71	M74	X	1.015	1.015	0	%100
72	M74	Z	.586	.586	0	%100
73	M76	X	2.402	2.402	0	%100
74	M76	Z	1.387	1.387	0	%100
75	M77	X	2.402	2.402	0	%100
76	M77	Z	1.387	1.387	0	%100
77	MP2A	X	2.703	2.703	0	%100
78	MP2A	Z	1.56	1.56	0	%100
79	MP3A	X	2.827	2.827	0	%100
80	MP3A	Z	1.632	1.632	0	%100
81	MP5C	X	2.703	2.703	0	%100
82	MP5C	Z	1.56	1.56	0	%100
83	MP4C	X	2.703	2.703	0	%100
84	MP4C	Z	1.56	1.56	0	%100
85	MP1C	X	2.703	2.703	0	%100
86	MP1C	Z	1.56	1.56	0	%100
87	MP2C	X	2.703	2.703	0	%100
88	MP2C	Z	1.56	1.56	0	%100
89	MP3C	X	2.827	2.827	0	%100
90	MP3C	Z	1.632	1.632	0	%100
91	MP5B	X	2.703	2.703	0	%100
92	MP5B	Z	1.56	1.56	0	%100
93	MP4B	X	2.703	2.703	0	%100
94	MP4B	Z	1.56	1.56	0	%100
95	MP1B	X	2.703	2.703	0	%100
96	MP1B	Z	1.56	1.56	0	%100
97	MP2B	X	2.703	2.703	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	MP2B	Z	1.56	1.56	0	%100
99	MP3B	X	2.827	2.827	0	%100
100	MP3B	Z	1.632	1.632	0	%100
101	M94B	X	2.887	2.887	0	%100
102	M94B	Z	1.667	1.667	0	%100
103	M95	X	.682	.682	0	%100
104	M95	Z	.394	.394	0	%100
105	M100B	X	.763	.763	0	%100
106	M100B	Z	.44	.44	0	%100
107	M101B	X	.763	.763	0	%100
108	M101B	Z	.44	.44	0	%100
109	M106	X	.768	.768	0	%100
110	M106	Z	.443	.443	0	%100
111	M110	X	.768	.768	0	%100
112	M110	Z	.443	.443	0	%100
113	M111	X	3.071	3.071	0	%100
114	M111	Z	1.773	1.773	0	%100
115	M130	X	.719	.719	0	%100
116	M130	Z	.415	.415	0	%100
117	M131	X	.719	.719	0	%100
118	M131	Z	.415	.415	0	%100
119	M132	X	2.875	2.875	0	%100
120	M132	Z	1.66	1.66	0	%100
121	M134	X	2.167	2.167	0	%100
122	M134	Z	1.251	1.251	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	M20	X	1.461	1.461	0	%100
2	M20	Z	2.531	2.531	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	0	0	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	0	0	0	%100
8	M43A_1	Z	0	0	0	%100
9	M64	X	2.26	2.26	0	%100
10	M64	Z	3.914	3.914	0	%100
11	M65	X	1.71	1.71	0	%100
12	M65	Z	2.963	2.963	0	%100
13	M71	X	1.757	1.757	0	%100
14	M71	Z	3.044	3.044	0	%100
15	M86	X	2.26	2.26	0	%100
16	M86	Z	3.914	3.914	0	%100
17	M87	X	1.71	1.71	0	%100
18	M87	Z	2.963	2.963	0	%100
19	M90	X	1.757	1.757	0	%100
20	M90	Z	3.044	3.044	0	%100
21	M51A	X	1.137	1.137	0	%100
22	M51A	Z	1.969	1.969	0	%100
23	M52	X	1.137	1.137	0	%100
24	M52	Z	1.969	1.969	0	%100
25	M53A	X	1.705	1.705	0	%100
26	M53A	Z	2.953	2.953	0	%100
27	M62	X	.565	.565	0	%100
28	M62	Z	.979	.979	0	%100
29	M63	X	0	0	0	%100
30	M63	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
31	M65A	X	0	0	0	%100
32	M65A	Z	0	0	0	%100
33	M67	X	.565	.565	0	%100
34	M67	Z	.979	.979	0	%100
35	M68A	X	1.71	1.71	0	%100
36	M68A	Z	2.963	2.963	0	%100
37	M70	X	1.757	1.757	0	%100
38	M70	Z	3.044	3.044	0	%100
39	MP5A	X	1.56	1.56	0	%100
40	MP5A	Z	2.703	2.703	0	%100
41	MP4A	X	1.56	1.56	0	%100
42	MP4A	Z	2.703	2.703	0	%100
43	MP1A	X	1.56	1.56	0	%100
44	MP1A	Z	2.703	2.703	0	%100
45	M109A	X	.462	.462	0	%100
46	M109A	Z	.801	.801	0	%100
47	M53	X	0	0	0	%100
48	M53	Z	0	0	0	%100
49	M54A	X	1.461	1.461	0	%100
50	M54A	Z	2.531	2.531	0	%100
51	M55A	X	1.137	1.137	0	%100
52	M55A	Z	1.969	1.969	0	%100
53	M56A	X	1.137	1.137	0	%100
54	M56A	Z	1.969	1.969	0	%100
55	M57A	X	1.705	1.705	0	%100
56	M57A	Z	2.953	2.953	0	%100
57	M60A	X	.000438	.000438	0	%100
58	M60A	Z	.000758	.000758	0	%100
59	M61A	X	1.274	1.274	0	%100
60	M61A	Z	2.206	2.206	0	%100
61	M66A	X	.565	.565	0	%100
62	M66A	Z	.979	.979	0	%100
63	M67A	X	1.71	1.71	0	%100
64	M67A	Z	2.963	2.963	0	%100
65	M69A	X	1.757	1.757	0	%100
66	M69A	Z	3.044	3.044	0	%100
67	M71B	X	.565	.565	0	%100
68	M71B	Z	.979	.979	0	%100
69	M72A	X	0	0	0	%100
70	M72A	Z	0	0	0	%100
71	M74	X	0	0	0	%100
72	M74	Z	0	0	0	%100
73	M76	X	.462	.462	0	%100
74	M76	Z	.801	.801	0	%100
75	M77	X	1.849	1.849	0	%100
76	M77	Z	3.202	3.202	0	%100
77	MP2A	X	1.56	1.56	0	%100
78	MP2A	Z	2.703	2.703	0	%100
79	MP3A	X	1.632	1.632	0	%100
80	MP3A	Z	2.827	2.827	0	%100
81	MP5C	X	1.56	1.56	0	%100
82	MP5C	Z	2.703	2.703	0	%100
83	MP4C	X	1.56	1.56	0	%100
84	MP4C	Z	2.703	2.703	0	%100
85	MP1C	X	1.56	1.56	0	%100
86	MP1C	Z	2.703	2.703	0	%100
87	MP2C	X	1.56	1.56	0	%100
88	MP2C	Z	2.703	2.703	0	%100
89	MP3C	X	1.632	1.632	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,%]
90	MP3C	Z	2.827	2.827	0	%100
91	MP5B	X	1.56	1.56	0	%100
92	MP5B	Z	2.703	2.703	0	%100
93	MP4B	X	1.56	1.56	0	%100
94	MP4B	Z	2.703	2.703	0	%100
95	MP1B	X	1.56	1.56	0	%100
96	MP1B	Z	2.703	2.703	0	%100
97	MP2B	X	1.56	1.56	0	%100
98	MP2B	Z	2.703	2.703	0	%100
99	MP3B	X	1.632	1.632	0	%100
100	MP3B	Z	2.827	2.827	0	%100
101	M94B	X	1.227	1.227	0	%100
102	M94B	Z	2.125	2.125	0	%100
103	M95	X	1.227	1.227	0	%100
104	M95	Z	2.125	2.125	0	%100
105	M100B	X	1.274	1.274	0	%100
106	M100B	Z	2.206	2.206	0	%100
107	M101B	X	.000437	.000437	0	%100
108	M101B	Z	.000758	.000758	0	%100
109	M106	X	1.33	1.33	0	%100
110	M106	Z	2.303	2.303	0	%100
111	M110	X	0	0	0	%100
112	M110	Z	0	0	0	%100
113	M111	X	1.33	1.33	0	%100
114	M111	Z	2.303	2.303	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	1.245	1.245	0	%100
118	M131	Z	2.156	2.156	0	%100
119	M132	X	1.245	1.245	0	%100
120	M132	Z	2.156	2.156	0	%100
121	M134	X	1.251	1.251	0	%100
122	M134	Z	2.167	2.167	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	M20	X	0	0	0	%100
2	M20	Z	3.897	3.897	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	.758	.758	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	.758	.758	0	%100
7	M43A_1	X	0	0	0	%100
8	M43A_1	Z	1.137	1.137	0	%100
9	M64	X	0	0	0	%100
10	M64	Z	3.39	3.39	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	4.561	4.561	0	%100
13	M71	X	0	0	0	%100
14	M71	Z	4.686	4.686	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	3.39	3.39	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	1.14	1.14	0	%100
19	M90	X	0	0	0	%100
20	M90	Z	1.172	1.172	0	%100
21	M51A	X	0	0	0	%100
22	M51A	Z	.758	.758	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,%]
23	M52	X	0	0	0	%100
24	M52	Z	.758	.758	0	%100
25	M53A	X	0	0	0	%100
26	M53A	Z	1.137	1.137	0	%100
27	M62	X	0	0	0	%100
28	M62	Z	3.39	3.39	0	%100
29	M63	X	0	0	0	%100
30	M63	Z	1.14	1.14	0	%100
31	M65A	X	0	0	0	%100
32	M65A	Z	1.172	1.172	0	%100
33	M67	X	0	0	0	%100
34	M67	Z	3.39	3.39	0	%100
35	M68A	X	0	0	0	%100
36	M68A	Z	4.561	4.561	0	%100
37	M70	X	0	0	0	%100
38	M70	Z	4.686	4.686	0	%100
39	MP5A	X	0	0	0	%100
40	MP5A	Z	3.121	3.121	0	%100
41	MP4A	X	0	0	0	%100
42	MP4A	Z	3.121	3.121	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	3.121	3.121	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	2.773	2.773	0	%100
47	M53	X	0	0	0	%100
48	M53	Z	.974	.974	0	%100
49	M54A	X	0	0	0	%100
50	M54A	Z	.974	.974	0	%100
51	M55A	X	0	0	0	%100
52	M55A	Z	3.031	3.031	0	%100
53	M56A	X	0	0	0	%100
54	M56A	Z	3.031	3.031	0	%100
55	M57A	X	0	0	0	%100
56	M57A	Z	4.546	4.546	0	%100
57	M60A	X	0	0	0	%100
58	M60A	Z	.881	.881	0	%100
59	M61A	X	0	0	0	%100
60	M61A	Z	.881	.881	0	%100
61	M66A	X	0	0	0	%100
62	M66A	Z	0	0	0	%100
63	M67A	X	0	0	0	%100
64	M67A	Z	1.14	1.14	0	%100
65	M69A	X	0	0	0	%100
66	M69A	Z	1.172	1.172	0	%100
67	M71B	X	0	0	0	%100
68	M71B	Z	0	0	0	%100
69	M72A	X	0	0	0	%100
70	M72A	Z	1.14	1.14	0	%100
71	M74	X	0	0	0	%100
72	M74	Z	1.172	1.172	0	%100
73	M76	X	0	0	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	2.773	2.773	0	%100
77	MP2A	X	0	0	0	%100
78	MP2A	Z	3.121	3.121	0	%100
79	MP3A	X	0	0	0	%100
80	MP3A	Z	3.265	3.265	0	%100
81	MP5C	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,%]
82	MP5C	Z	3.121	3.121	0	%100
83	MP4C	X	0	0	0	%100
84	MP4C	Z	3.121	3.121	0	%100
85	MP1C	X	0	0	0	%100
86	MP1C	Z	3.121	3.121	0	%100
87	MP2C	X	0	0	0	%100
88	MP2C	Z	3.121	3.121	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	3.265	3.265	0	%100
91	MP5B	X	0	0	0	%100
92	MP5B	Z	3.121	3.121	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	3.121	3.121	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	3.121	3.121	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	3.121	3.121	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	3.265	3.265	0	%100
101	M94B	X	0	0	0	%100
102	M94B	Z	.787	.787	0	%100
103	M95	X	0	0	0	%100
104	M95	Z	3.334	3.334	0	%100
105	M100B	X	0	0	0	%100
106	M100B	Z	3.333	3.333	0	%100
107	M101B	X	0	0	0	%100
108	M101B	Z	.787	.787	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	3.546	3.546	0	%100
111	M110	X	0	0	0	%100
112	M110	Z	.886	.886	0	%100
113	M111	X	0	0	0	%100
114	M111	Z	.886	.886	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	.83	.83	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	3.32	3.32	0	%100
119	M132	X	0	0	0	%100
120	M132	Z	.83	.83	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	2.503	2.503	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	M20	X	-1.461	-1.461	0	%100
2	M20	Z	2.531	2.531	0	%100
3	M41A	X	-1.137	-1.137	0	%100
4	M41A	Z	1.969	1.969	0	%100
5	M42_1	X	-1.137	-1.137	0	%100
6	M42_1	Z	1.969	1.969	0	%100
7	M43A_1	X	-1.705	-1.705	0	%100
8	M43A_1	Z	2.953	2.953	0	%100
9	M64	X	-.565	-.565	0	%100
10	M64	Z	.979	.979	0	%100
11	M65	X	-1.71	-1.71	0	%100
12	M65	Z	2.963	2.963	0	%100
13	M71	X	-1.757	-1.757	0	%100
14	M71	Z	3.044	3.044	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,%]
15	M86	X	-.565	-.565	0	%100
16	M86	Z	.979	.979	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	0	0	0	%100
19	M90	X	0	0	0	%100
20	M90	Z	0	0	0	%100
21	M51A	X	0	0	0	%100
22	M51A	Z	0	0	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	0	0	0	%100
25	M53A	X	0	0	0	%100
26	M53A	Z	0	0	0	%100
27	M62	X	-2.26	-2.26	0	%100
28	M62	Z	3.914	3.914	0	%100
29	M63	X	-1.71	-1.71	0	%100
30	M63	Z	2.963	2.963	0	%100
31	M65A	X	-1.757	-1.757	0	%100
32	M65A	Z	3.044	3.044	0	%100
33	M67	X	-2.26	-2.26	0	%100
34	M67	Z	3.914	3.914	0	%100
35	M68A	X	-1.71	-1.71	0	%100
36	M68A	Z	2.963	2.963	0	%100
37	M70	X	-1.757	-1.757	0	%100
38	M70	Z	3.044	3.044	0	%100
39	MP5A	X	-1.56	-1.56	0	%100
40	MP5A	Z	2.703	2.703	0	%100
41	MP4A	X	-1.56	-1.56	0	%100
42	MP4A	Z	2.703	2.703	0	%100
43	MP1A	X	-1.56	-1.56	0	%100
44	MP1A	Z	2.703	2.703	0	%100
45	M109A	X	-1.849	-1.849	0	%100
46	M109A	Z	3.202	3.202	0	%100
47	M53	X	-1.461	-1.461	0	%100
48	M53	Z	2.531	2.531	0	%100
49	M54A	X	0	0	0	%100
50	M54A	Z	0	0	0	%100
51	M55A	X	-1.137	-1.137	0	%100
52	M55A	Z	1.969	1.969	0	%100
53	M56A	X	-1.137	-1.137	0	%100
54	M56A	Z	1.969	1.969	0	%100
55	M57A	X	-1.705	-1.705	0	%100
56	M57A	Z	2.953	2.953	0	%100
57	M60A	X	-1.274	-1.274	0	%100
58	M60A	Z	2.206	2.206	0	%100
59	M61A	X	-.000437	-.000437	0	%100
60	M61A	Z	.000758	.000758	0	%100
61	M66A	X	-.565	-.565	0	%100
62	M66A	Z	.979	.979	0	%100
63	M67A	X	0	0	0	%100
64	M67A	Z	0	0	0	%100
65	M69A	X	0	0	0	%100
66	M69A	Z	0	0	0	%100
67	M71B	X	-.565	-.565	0	%100
68	M71B	Z	.979	.979	0	%100
69	M72A	X	-1.71	-1.71	0	%100
70	M72A	Z	2.963	2.963	0	%100
71	M74	X	-1.757	-1.757	0	%100
72	M74	Z	3.044	3.044	0	%100
73	M76	X	-.462	-.462	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,%]
74	M76	Z	.801	.801	0	%100
75	M77	X	-.462	-.462	0	%100
76	M77	Z	.801	.801	0	%100
77	MP2A	X	-1.56	-1.56	0	%100
78	MP2A	Z	2.703	2.703	0	%100
79	MP3A	X	-1.632	-1.632	0	%100
80	MP3A	Z	2.827	2.827	0	%100
81	MP5C	X	-1.56	-1.56	0	%100
82	MP5C	Z	2.703	2.703	0	%100
83	MP4C	X	-1.56	-1.56	0	%100
84	MP4C	Z	2.703	2.703	0	%100
85	MP1C	X	-1.56	-1.56	0	%100
86	MP1C	Z	2.703	2.703	0	%100
87	MP2C	X	-1.56	-1.56	0	%100
88	MP2C	Z	2.703	2.703	0	%100
89	MP3C	X	-1.632	-1.632	0	%100
90	MP3C	Z	2.827	2.827	0	%100
91	MP5B	X	-1.56	-1.56	0	%100
92	MP5B	Z	2.703	2.703	0	%100
93	MP4B	X	-1.56	-1.56	0	%100
94	MP4B	Z	2.703	2.703	0	%100
95	MP1B	X	-1.56	-1.56	0	%100
96	MP1B	Z	2.703	2.703	0	%100
97	MP2B	X	-1.56	-1.56	0	%100
98	MP2B	Z	2.703	2.703	0	%100
99	MP3B	X	-1.632	-1.632	0	%100
100	MP3B	Z	2.827	2.827	0	%100
101	M94B	X	-.000438	-.000438	0	%100
102	M94B	Z	.000758	.000758	0	%100
103	M95	X	-1.274	-1.274	0	%100
104	M95	Z	2.206	2.206	0	%100
105	M100B	X	-1.227	-1.227	0	%100
106	M100B	Z	2.125	2.125	0	%100
107	M101B	X	-1.227	-1.227	0	%100
108	M101B	Z	2.125	2.125	0	%100
109	M106	X	-1.33	-1.33	0	%100
110	M106	Z	2.303	2.303	0	%100
111	M110	X	-1.33	-1.33	0	%100
112	M110	Z	2.303	2.303	0	%100
113	M111	X	0	0	0	%100
114	M111	Z	0	0	0	%100
115	M130	X	-1.245	-1.245	0	%100
116	M130	Z	2.156	2.156	0	%100
117	M131	X	-1.245	-1.245	0	%100
118	M131	Z	2.156	2.156	0	%100
119	M132	X	0	0	0	%100
120	M132	Z	0	0	0	%100
121	M134	X	-1.251	-1.251	0	%100
122	M134	Z	2.167	2.167	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	M20	X	-.844	-.844	0	%100
2	M20	Z	.487	.487	0	%100
3	M41A	X	-2.625	-2.625	0	%100
4	M41A	Z	1.516	1.516	0	%100
5	M42_1	X	-2.625	-2.625	0	%100
6	M42_1	Z	1.516	1.516	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,%]
7	M43A 1	X	-3.937	-3.937	0	%100
8	M43A 1	Z	2.273	2.273	0	%100
9	M64	X	0	0	0	%100
10	M64	Z	0	0	0	%100
11	M65	X	-.988	-.988	0	%100
12	M65	Z	.57	.57	0	%100
13	M71	X	-1.015	-1.015	0	%100
14	M71	Z	.586	.586	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	-.988	-.988	0	%100
18	M87	Z	.57	.57	0	%100
19	M90	X	-1.015	-1.015	0	%100
20	M90	Z	.586	.586	0	%100
21	M51A	X	-.656	-.656	0	%100
22	M51A	Z	.379	.379	0	%100
23	M52	X	-.656	-.656	0	%100
24	M52	Z	.379	.379	0	%100
25	M53A	X	-.984	-.984	0	%100
26	M53A	Z	.568	.568	0	%100
27	M62	X	-2.936	-2.936	0	%100
28	M62	Z	1.695	1.695	0	%100
29	M63	X	-3.95	-3.95	0	%100
30	M63	Z	2.281	2.281	0	%100
31	M65A	X	-4.058	-4.058	0	%100
32	M65A	Z	2.343	2.343	0	%100
33	M67	X	-2.936	-2.936	0	%100
34	M67	Z	1.695	1.695	0	%100
35	M68A	X	-.988	-.988	0	%100
36	M68A	Z	.57	.57	0	%100
37	M70	X	-1.015	-1.015	0	%100
38	M70	Z	.586	.586	0	%100
39	MP5A	X	-2.703	-2.703	0	%100
40	MP5A	Z	1.56	1.56	0	%100
41	MP4A	X	-2.703	-2.703	0	%100
42	MP4A	Z	1.56	1.56	0	%100
43	MP1A	X	-2.703	-2.703	0	%100
44	MP1A	Z	1.56	1.56	0	%100
45	M109A	X	-2.402	-2.402	0	%100
46	M109A	Z	1.387	1.387	0	%100
47	M53	X	-3.375	-3.375	0	%100
48	M53	Z	1.949	1.949	0	%100
49	M54A	X	-.844	-.844	0	%100
50	M54A	Z	.487	.487	0	%100
51	M55A	X	-.656	-.656	0	%100
52	M55A	Z	.379	.379	0	%100
53	M56A	X	-.656	-.656	0	%100
54	M56A	Z	.379	.379	0	%100
55	M57A	X	-.984	-.984	0	%100
56	M57A	Z	.568	.568	0	%100
57	M60A	X	-2.887	-2.887	0	%100
58	M60A	Z	1.667	1.667	0	%100
59	M61A	X	-.682	-.682	0	%100
60	M61A	Z	.394	.394	0	%100
61	M66A	X	-2.936	-2.936	0	%100
62	M66A	Z	1.695	1.695	0	%100
63	M67A	X	-.988	-.988	0	%100
64	M67A	Z	.57	.57	0	%100
65	M69A	X	-1.015	-1.015	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,%]
66	M69A	Z	.586	.586	0	%100
67	M71B	X	-2.936	-2.936	0	%100
68	M71B	Z	1.695	1.695	0	%100
69	M72A	X	-3.95	-3.95	0	%100
70	M72A	Z	2.281	2.281	0	%100
71	M74	X	-4.058	-4.058	0	%100
72	M74	Z	2.343	2.343	0	%100
73	M76	X	-2.402	-2.402	0	%100
74	M76	Z	1.387	1.387	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	0	0	0	%100
77	MP2A	X	-2.703	-2.703	0	%100
78	MP2A	Z	1.56	1.56	0	%100
79	MP3A	X	-2.827	-2.827	0	%100
80	MP3A	Z	1.632	1.632	0	%100
81	MP5C	X	-2.703	-2.703	0	%100
82	MP5C	Z	1.56	1.56	0	%100
83	MP4C	X	-2.703	-2.703	0	%100
84	MP4C	Z	1.56	1.56	0	%100
85	MP1C	X	-2.703	-2.703	0	%100
86	MP1C	Z	1.56	1.56	0	%100
87	MP2C	X	-2.703	-2.703	0	%100
88	MP2C	Z	1.56	1.56	0	%100
89	MP3C	X	-2.827	-2.827	0	%100
90	MP3C	Z	1.632	1.632	0	%100
91	MP5B	X	-2.703	-2.703	0	%100
92	MP5B	Z	1.56	1.56	0	%100
93	MP4B	X	-2.703	-2.703	0	%100
94	MP4B	Z	1.56	1.56	0	%100
95	MP1B	X	-2.703	-2.703	0	%100
96	MP1B	Z	1.56	1.56	0	%100
97	MP2B	X	-2.703	-2.703	0	%100
98	MP2B	Z	1.56	1.56	0	%100
99	MP3B	X	-2.827	-2.827	0	%100
100	MP3B	Z	1.632	1.632	0	%100
101	M94B	X	-.763	-.763	0	%100
102	M94B	Z	.44	.44	0	%100
103	M95	X	-.763	-.763	0	%100
104	M95	Z	.44	.44	0	%100
105	M100B	X	-.682	-.682	0	%100
106	M100B	Z	.394	.394	0	%100
107	M101B	X	-2.887	-2.887	0	%100
108	M101B	Z	1.667	1.667	0	%100
109	M106	X	-.768	-.768	0	%100
110	M106	Z	.443	.443	0	%100
111	M110	X	-3.071	-3.071	0	%100
112	M110	Z	1.773	1.773	0	%100
113	M111	X	-.768	-.768	0	%100
114	M111	Z	.443	.443	0	%100
115	M130	X	-2.875	-2.875	0	%100
116	M130	Z	1.66	1.66	0	%100
117	M131	X	-.719	-.719	0	%100
118	M131	Z	.415	.415	0	%100
119	M132	X	-.719	-.719	0	%100
120	M132	Z	.415	.415	0	%100
121	M134	X	-2.167	-2.167	0	%100
122	M134	Z	1.251	1.251	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M41A	X	-2.274	-2.274	0	%100
4	M41A	Z	0	0	0	%100
5	M42_1	X	-2.274	-2.274	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	-3.41	-3.41	0	%100
8	M43A_1	Z	0	0	0	%100
9	M64	X	-1.13	-1.13	0	%100
10	M64	Z	0	0	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	0	0	0	%100
13	M71	X	0	0	0	%100
14	M71	Z	0	0	0	%100
15	M86	X	-1.13	-1.13	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	-3.421	-3.421	0	%100
18	M87	Z	0	0	0	%100
19	M90	X	-3.515	-3.515	0	%100
20	M90	Z	0	0	0	%100
21	M51A	X	-2.274	-2.274	0	%100
22	M51A	Z	0	0	0	%100
23	M52	X	-2.274	-2.274	0	%100
24	M52	Z	0	0	0	%100
25	M53A	X	-3.41	-3.41	0	%100
26	M53A	Z	0	0	0	%100
27	M62	X	-1.13	-1.13	0	%100
28	M62	Z	0	0	0	%100
29	M63	X	-3.421	-3.421	0	%100
30	M63	Z	0	0	0	%100
31	M65A	X	-3.515	-3.515	0	%100
32	M65A	Z	0	0	0	%100
33	M67	X	-1.13	-1.13	0	%100
34	M67	Z	0	0	0	%100
35	M68A	X	0	0	0	%100
36	M68A	Z	0	0	0	%100
37	M70	X	0	0	0	%100
38	M70	Z	0	0	0	%100
39	MP5A	X	-3.121	-3.121	0	%100
40	MP5A	Z	0	0	0	%100
41	MP4A	X	-3.121	-3.121	0	%100
42	MP4A	Z	0	0	0	%100
43	MP1A	X	-3.121	-3.121	0	%100
44	MP1A	Z	0	0	0	%100
45	M109A	X	-.924	-.924	0	%100
46	M109A	Z	0	0	0	%100
47	M53	X	-2.923	-2.923	0	%100
48	M53	Z	0	0	0	%100
49	M54A	X	-2.923	-2.923	0	%100
50	M54A	Z	0	0	0	%100
51	M55A	X	0	0	0	%100
52	M55A	Z	0	0	0	%100
53	M56A	X	0	0	0	%100
54	M56A	Z	0	0	0	%100
55	M57A	X	0	0	0	%100
56	M57A	Z	0	0	0	%100
57	M60A	X	-2.453	-2.453	0	%100
58	M60A	Z	0	0	0	%100
59	M61A	X	-2.454	-2.454	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,%]
60	M61A	Z	0	0	0	%100
61	M66A	X	-4.52	-4.52	0	%100
62	M66A	Z	0	0	0	%100
63	M67A	X	-3.421	-3.421	0	%100
64	M67A	Z	0	0	0	%100
65	M69A	X	-3.515	-3.515	0	%100
66	M69A	Z	0	0	0	%100
67	M71B	X	-4.52	-4.52	0	%100
68	M71B	Z	0	0	0	%100
69	M72A	X	-3.421	-3.421	0	%100
70	M72A	Z	0	0	0	%100
71	M74	X	-3.515	-3.515	0	%100
72	M74	Z	0	0	0	%100
73	M76	X	-3.698	-3.698	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	-.924	-.924	0	%100
76	M77	Z	0	0	0	%100
77	MP2A	X	-3.121	-3.121	0	%100
78	MP2A	Z	0	0	0	%100
79	MP3A	X	-3.265	-3.265	0	%100
80	MP3A	Z	0	0	0	%100
81	MP5C	X	-3.121	-3.121	0	%100
82	MP5C	Z	0	0	0	%100
83	MP4C	X	-3.121	-3.121	0	%100
84	MP4C	Z	0	0	0	%100
85	MP1C	X	-3.121	-3.121	0	%100
86	MP1C	Z	0	0	0	%100
87	MP2C	X	-3.121	-3.121	0	%100
88	MP2C	Z	0	0	0	%100
89	MP3C	X	-3.265	-3.265	0	%100
90	MP3C	Z	0	0	0	%100
91	MP5B	X	-3.121	-3.121	0	%100
92	MP5B	Z	0	0	0	%100
93	MP4B	X	-3.121	-3.121	0	%100
94	MP4B	Z	0	0	0	%100
95	MP1B	X	-3.121	-3.121	0	%100
96	MP1B	Z	0	0	0	%100
97	MP2B	X	-3.121	-3.121	0	%100
98	MP2B	Z	0	0	0	%100
99	MP3B	X	-3.265	-3.265	0	%100
100	MP3B	Z	0	0	0	%100
101	M94B	X	-2.547	-2.547	0	%100
102	M94B	Z	0	0	0	%100
103	M95	X	-.000875	-.000875	0	%100
104	M95	Z	0	0	0	%100
105	M100B	X	-.000875	-.000875	0	%100
106	M100B	Z	0	0	0	%100
107	M101B	X	-2.547	-2.547	0	%100
108	M101B	Z	0	0	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	0	0	0	%100
111	M110	X	-2.659	-2.659	0	%100
112	M110	Z	0	0	0	%100
113	M111	X	-2.659	-2.659	0	%100
114	M111	Z	0	0	0	%100
115	M130	X	-2.49	-2.49	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	0	0	0	%100
118	M131	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,%]
119	M132	X	-2.49	-2.49	0	%100
120	M132	Z	0	0	0	%100
121	M134	X	-2.503	-2.503	0	%100
122	M134	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	M20	X	-.844	-.844	0	%100
2	M20	Z	-.487	-.487	0	%100
3	M41A	X	-.656	-.656	0	%100
4	M41A	Z	-.379	-.379	0	%100
5	M42 1	X	-.656	-.656	0	%100
6	M42 1	Z	-.379	-.379	0	%100
7	M43A 1	X	-.984	-.984	0	%100
8	M43A 1	Z	-.568	-.568	0	%100
9	M64	X	-2.936	-2.936	0	%100
10	M64	Z	-1.695	-1.695	0	%100
11	M65	X	-.988	-.988	0	%100
12	M65	Z	-.57	-.57	0	%100
13	M71	X	-1.015	-1.015	0	%100
14	M71	Z	-.586	-.586	0	%100
15	M86	X	-2.936	-2.936	0	%100
16	M86	Z	-1.695	-1.695	0	%100
17	M87	X	-3.95	-3.95	0	%100
18	M87	Z	-2.281	-2.281	0	%100
19	M90	X	-4.058	-4.058	0	%100
20	M90	Z	-2.343	-2.343	0	%100
21	M51A	X	-2.625	-2.625	0	%100
22	M51A	Z	-1.516	-1.516	0	%100
23	M52	X	-2.625	-2.625	0	%100
24	M52	Z	-1.516	-1.516	0	%100
25	M53A	X	-3.937	-3.937	0	%100
26	M53A	Z	-2.273	-2.273	0	%100
27	M62	X	0	0	0	%100
28	M62	Z	0	0	0	%100
29	M63	X	-.988	-.988	0	%100
30	M63	Z	-.57	-.57	0	%100
31	M65A	X	-1.015	-1.015	0	%100
32	M65A	Z	-.586	-.586	0	%100
33	M67	X	0	0	0	%100
34	M67	Z	0	0	0	%100
35	M68A	X	-.988	-.988	0	%100
36	M68A	Z	-.57	-.57	0	%100
37	M70	X	-1.015	-1.015	0	%100
38	M70	Z	-.586	-.586	0	%100
39	MP5A	X	-2.703	-2.703	0	%100
40	MP5A	Z	-1.56	-1.56	0	%100
41	MP4A	X	-2.703	-2.703	0	%100
42	MP4A	Z	-1.56	-1.56	0	%100
43	MP1A	X	-2.703	-2.703	0	%100
44	MP1A	Z	-1.56	-1.56	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	0	0	0	%100
47	M53	X	-.844	-.844	0	%100
48	M53	Z	-.487	-.487	0	%100
49	M54A	X	-3.375	-3.375	0	%100
50	M54A	Z	-1.949	-1.949	0	%100
51	M55A	X	-.656	-.656	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,%]
52	M55A	Z	-.379	-.379	0	%100
53	M56A	X	-.656	-.656	0	%100
54	M56A	Z	-.379	-.379	0	%100
55	M57A	X	-.984	-.984	0	%100
56	M57A	Z	-.568	-.568	0	%100
57	M60A	X	-.682	-.682	0	%100
58	M60A	Z	-.394	-.394	0	%100
59	M61A	X	-2.887	-2.887	0	%100
60	M61A	Z	-1.667	-1.667	0	%100
61	M66A	X	-2.936	-2.936	0	%100
62	M66A	Z	-1.695	-1.695	0	%100
63	M67A	X	-3.95	-3.95	0	%100
64	M67A	Z	-2.281	-2.281	0	%100
65	M69A	X	-4.058	-4.058	0	%100
66	M69A	Z	-2.343	-2.343	0	%100
67	M71B	X	-2.936	-2.936	0	%100
68	M71B	Z	-1.695	-1.695	0	%100
69	M72A	X	-.988	-.988	0	%100
70	M72A	Z	-.57	-.57	0	%100
71	M74	X	-1.015	-1.015	0	%100
72	M74	Z	-.586	-.586	0	%100
73	M76	X	-2.402	-2.402	0	%100
74	M76	Z	-1.387	-1.387	0	%100
75	M77	X	-2.402	-2.402	0	%100
76	M77	Z	-1.387	-1.387	0	%100
77	MP2A	X	-2.703	-2.703	0	%100
78	MP2A	Z	-1.56	-1.56	0	%100
79	MP3A	X	-2.827	-2.827	0	%100
80	MP3A	Z	-1.632	-1.632	0	%100
81	MP5C	X	-2.703	-2.703	0	%100
82	MP5C	Z	-1.56	-1.56	0	%100
83	MP4C	X	-2.703	-2.703	0	%100
84	MP4C	Z	-1.56	-1.56	0	%100
85	MP1C	X	-2.703	-2.703	0	%100
86	MP1C	Z	-1.56	-1.56	0	%100
87	MP2C	X	-2.703	-2.703	0	%100
88	MP2C	Z	-1.56	-1.56	0	%100
89	MP3C	X	-2.827	-2.827	0	%100
90	MP3C	Z	-1.632	-1.632	0	%100
91	MP5B	X	-2.703	-2.703	0	%100
92	MP5B	Z	-1.56	-1.56	0	%100
93	MP4B	X	-2.703	-2.703	0	%100
94	MP4B	Z	-1.56	-1.56	0	%100
95	MP1B	X	-2.703	-2.703	0	%100
96	MP1B	Z	-1.56	-1.56	0	%100
97	MP2B	X	-2.703	-2.703	0	%100
98	MP2B	Z	-1.56	-1.56	0	%100
99	MP3B	X	-2.827	-2.827	0	%100
100	MP3B	Z	-1.632	-1.632	0	%100
101	M94B	X	-2.887	-2.887	0	%100
102	M94B	Z	-1.667	-1.667	0	%100
103	M95	X	-.682	-.682	0	%100
104	M95	Z	-.394	-.394	0	%100
105	M100B	X	-.763	-.763	0	%100
106	M100B	Z	-.44	-.44	0	%100
107	M101B	X	-.763	-.763	0	%100
108	M101B	Z	-.44	-.44	0	%100
109	M106	X	-.768	-.768	0	%100
110	M106	Z	-.443	-.443	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,%]
111	M110	X	-.768	-.768	0	%100
112	M110	Z	-.443	-.443	0	%100
113	M111	X	-3.071	-3.071	0	%100
114	M111	Z	-1.773	-1.773	0	%100
115	M130	X	-.719	-.719	0	%100
116	M130	Z	-.415	-.415	0	%100
117	M131	X	-.719	-.719	0	%100
118	M131	Z	-.415	-.415	0	%100
119	M132	X	-2.875	-2.875	0	%100
120	M132	Z	-1.66	-1.66	0	%100
121	M134	X	-2.167	-2.167	0	%100
122	M134	Z	-1.251	-1.251	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	M20	X	-1.461	-1.461	0	%100
2	M20	Z	-2.531	-2.531	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	0	0	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	0	0	0	%100
8	M43A_1	Z	0	0	0	%100
9	M64	X	-2.26	-2.26	0	%100
10	M64	Z	-3.914	-3.914	0	%100
11	M65	X	-1.71	-1.71	0	%100
12	M65	Z	-2.963	-2.963	0	%100
13	M71	X	-1.757	-1.757	0	%100
14	M71	Z	-3.044	-3.044	0	%100
15	M86	X	-2.26	-2.26	0	%100
16	M86	Z	-3.914	-3.914	0	%100
17	M87	X	-1.71	-1.71	0	%100
18	M87	Z	-2.963	-2.963	0	%100
19	M90	X	-1.757	-1.757	0	%100
20	M90	Z	-3.044	-3.044	0	%100
21	M51A	X	-1.137	-1.137	0	%100
22	M51A	Z	-1.969	-1.969	0	%100
23	M52	X	-1.137	-1.137	0	%100
24	M52	Z	-1.969	-1.969	0	%100
25	M53A	X	-1.705	-1.705	0	%100
26	M53A	Z	-2.953	-2.953	0	%100
27	M62	X	-.565	-.565	0	%100
28	M62	Z	-.979	-.979	0	%100
29	M63	X	0	0	0	%100
30	M63	Z	0	0	0	%100
31	M65A	X	0	0	0	%100
32	M65A	Z	0	0	0	%100
33	M67	X	-.565	-.565	0	%100
34	M67	Z	-.979	-.979	0	%100
35	M68A	X	-1.71	-1.71	0	%100
36	M68A	Z	-2.963	-2.963	0	%100
37	M70	X	-1.757	-1.757	0	%100
38	M70	Z	-3.044	-3.044	0	%100
39	MP5A	X	-1.56	-1.56	0	%100
40	MP5A	Z	-2.703	-2.703	0	%100
41	MP4A	X	-1.56	-1.56	0	%100
42	MP4A	Z	-2.703	-2.703	0	%100
43	MP1A	X	-1.56	-1.56	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,%]
44	MP1A	Z	-2.703	-2.703	0	%100
45	M109A	X	-.462	-.462	0	%100
46	M109A	Z	-.801	-.801	0	%100
47	M53	X	0	0	0	%100
48	M53	Z	0	0	0	%100
49	M54A	X	-1.461	-1.461	0	%100
50	M54A	Z	-2.531	-2.531	0	%100
51	M55A	X	-1.137	-1.137	0	%100
52	M55A	Z	-1.969	-1.969	0	%100
53	M56A	X	-1.137	-1.137	0	%100
54	M56A	Z	-1.969	-1.969	0	%100
55	M57A	X	-1.705	-1.705	0	%100
56	M57A	Z	-2.953	-2.953	0	%100
57	M60A	X	-.000438	-.000438	0	%100
58	M60A	Z	-.000758	-.000758	0	%100
59	M61A	X	-1.274	-1.274	0	%100
60	M61A	Z	-2.206	-2.206	0	%100
61	M66A	X	-.565	-.565	0	%100
62	M66A	Z	-.979	-.979	0	%100
63	M67A	X	-1.71	-1.71	0	%100
64	M67A	Z	-2.963	-2.963	0	%100
65	M69A	X	-1.757	-1.757	0	%100
66	M69A	Z	-3.044	-3.044	0	%100
67	M71B	X	-.565	-.565	0	%100
68	M71B	Z	-.979	-.979	0	%100
69	M72A	X	0	0	0	%100
70	M72A	Z	0	0	0	%100
71	M74	X	0	0	0	%100
72	M74	Z	0	0	0	%100
73	M76	X	-.462	-.462	0	%100
74	M76	Z	-.801	-.801	0	%100
75	M77	X	-1.849	-1.849	0	%100
76	M77	Z	-3.202	-3.202	0	%100
77	MP2A	X	-1.56	-1.56	0	%100
78	MP2A	Z	-2.703	-2.703	0	%100
79	MP3A	X	-1.632	-1.632	0	%100
80	MP3A	Z	-2.827	-2.827	0	%100
81	MP5C	X	-1.56	-1.56	0	%100
82	MP5C	Z	-2.703	-2.703	0	%100
83	MP4C	X	-1.56	-1.56	0	%100
84	MP4C	Z	-2.703	-2.703	0	%100
85	MP1C	X	-1.56	-1.56	0	%100
86	MP1C	Z	-2.703	-2.703	0	%100
87	MP2C	X	-1.56	-1.56	0	%100
88	MP2C	Z	-2.703	-2.703	0	%100
89	MP3C	X	-1.632	-1.632	0	%100
90	MP3C	Z	-2.827	-2.827	0	%100
91	MP5B	X	-1.56	-1.56	0	%100
92	MP5B	Z	-2.703	-2.703	0	%100
93	MP4B	X	-1.56	-1.56	0	%100
94	MP4B	Z	-2.703	-2.703	0	%100
95	MP1B	X	-1.56	-1.56	0	%100
96	MP1B	Z	-2.703	-2.703	0	%100
97	MP2B	X	-1.56	-1.56	0	%100
98	MP2B	Z	-2.703	-2.703	0	%100
99	MP3B	X	-1.632	-1.632	0	%100
100	MP3B	Z	-2.827	-2.827	0	%100
101	M94B	X	-1.227	-1.227	0	%100
102	M94B	Z	-2.125	-2.125	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,%]
103	M95	X	-1.227	-1.227	0	%100
104	M95	Z	-2.125	-2.125	0	%100
105	M100B	X	-1.274	-1.274	0	%100
106	M100B	Z	-2.206	-2.206	0	%100
107	M101B	X	-.000437	-.000437	0	%100
108	M101B	Z	-.000758	-.000758	0	%100
109	M106	X	-1.33	-1.33	0	%100
110	M106	Z	-2.303	-2.303	0	%100
111	M110	X	0	0	0	%100
112	M110	Z	0	0	0	%100
113	M111	X	-1.33	-1.33	0	%100
114	M111	Z	-2.303	-2.303	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	-1.245	-1.245	0	%100
118	M131	Z	-2.156	-2.156	0	%100
119	M132	X	-1.245	-1.245	0	%100
120	M132	Z	-2.156	-2.156	0	%100
121	M134	X	-1.251	-1.251	0	%100
122	M134	Z	-2.167	-2.167	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	M20	X	0	0	0	%100
2	M20	Z	-.708	-.708	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	-.153	-.153	0	%100
5	M42 1	X	0	0	0	%100
6	M42 1	Z	-.153	-.153	0	%100
7	M43A 1	X	0	0	0	%100
8	M43A 1	Z	-.304	-.304	0	%100
9	M64	X	0	0	0	%100
10	M64	Z	-.916	-.916	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	-1.237	-1.237	0	%100
13	M71	X	0	0	0	%100
14	M71	Z	-1.282	-1.282	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	-.916	-.916	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	-.309	-.309	0	%100
19	M90	X	0	0	0	%100
20	M90	Z	-.32	-.32	0	%100
21	M51A	X	0	0	0	%100
22	M51A	Z	-.153	-.153	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	-.153	-.153	0	%100
25	M53A	X	0	0	0	%100
26	M53A	Z	-.304	-.304	0	%100
27	M62	X	0	0	0	%100
28	M62	Z	-.916	-.916	0	%100
29	M63	X	0	0	0	%100
30	M63	Z	-.309	-.309	0	%100
31	M65A	X	0	0	0	%100
32	M65A	Z	-.32	-.32	0	%100
33	M67	X	0	0	0	%100
34	M67	Z	-.916	-.916	0	%100
35	M68A	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,%]
36	M68A	Z	-1.237	-1.237	0	%100
37	M70	X	0	0	0	%100
38	M70	Z	-1.282	-1.282	0	%100
39	MP5A	X	0	0	0	%100
40	MP5A	Z	-.481	-.481	0	%100
41	MP4A	X	0	0	0	%100
42	MP4A	Z	-.481	-.481	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	-.481	-.481	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	-.541	-.541	0	%100
47	M53	X	0	0	0	%100
48	M53	Z	-.177	-.177	0	%100
49	M54A	X	0	0	0	%100
50	M54A	Z	-.177	-.177	0	%100
51	M55A	X	0	0	0	%100
52	M55A	Z	-.61	-.61	0	%100
53	M56A	X	0	0	0	%100
54	M56A	Z	-.61	-.61	0	%100
55	M57A	X	0	0	0	%100
56	M57A	Z	-1.214	-1.214	0	%100
57	M60A	X	0	0	0	%100
58	M60A	Z	-.173	-.173	0	%100
59	M61A	X	0	0	0	%100
60	M61A	Z	-.173	-.173	0	%100
61	M66A	X	0	0	0	%100
62	M66A	Z	0	0	0	%100
63	M67A	X	0	0	0	%100
64	M67A	Z	-.309	-.309	0	%100
65	M69A	X	0	0	0	%100
66	M69A	Z	-.32	-.32	0	%100
67	M71B	X	0	0	0	%100
68	M71B	Z	0	0	0	%100
69	M72A	X	0	0	0	%100
70	M72A	Z	-.309	-.309	0	%100
71	M74	X	0	0	0	%100
72	M74	Z	-.32	-.32	0	%100
73	M76	X	0	0	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	-.541	-.541	0	%100
77	MP2A	X	0	0	0	%100
78	MP2A	Z	-.481	-.481	0	%100
79	MP3A	X	0	0	0	%100
80	MP3A	Z	-.481	-.481	0	%100
81	MP5C	X	0	0	0	%100
82	MP5C	Z	-.481	-.481	0	%100
83	MP4C	X	0	0	0	%100
84	MP4C	Z	-.481	-.481	0	%100
85	MP1C	X	0	0	0	%100
86	MP1C	Z	-.481	-.481	0	%100
87	MP2C	X	0	0	0	%100
88	MP2C	Z	-.481	-.481	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	-.481	-.481	0	%100
91	MP5B	X	0	0	0	%100
92	MP5B	Z	-.481	-.481	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	-.481	-.481	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,%]
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-.481	-.481	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	-.481	-.481	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	-.481	-.481	0	%100
101	M94B	X	0	0	0	%100
102	M94B	Z	-.154	-.154	0	%100
103	M95	X	0	0	0	%100
104	M95	Z	-.654	-.654	0	%100
105	M100B	X	0	0	0	%100
106	M100B	Z	-.654	-.654	0	%100
107	M101B	X	0	0	0	%100
108	M101B	Z	-.154	-.154	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	-.582	-.582	0	%100
111	M110	X	0	0	0	%100
112	M110	Z	-.145	-.145	0	%100
113	M111	X	0	0	0	%100
114	M111	Z	-.145	-.145	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	-.182	-.182	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	-.729	-.729	0	%100
119	M132	X	0	0	0	%100
120	M132	Z	-.182	-.182	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	-.393	-.393	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	M20	X	.266	.266	0	%100
2	M20	Z	-.46	-.46	0	%100
3	M41A	X	.229	.229	0	%100
4	M41A	Z	-.396	-.396	0	%100
5	M42_1	X	.229	.229	0	%100
6	M42_1	Z	-.396	-.396	0	%100
7	M43A_1	X	.455	.455	0	%100
8	M43A_1	Z	-.789	-.789	0	%100
9	M64	X	.153	.153	0	%100
10	M64	Z	-.265	-.265	0	%100
11	M65	X	.464	.464	0	%100
12	M65	Z	-.803	-.803	0	%100
13	M71	X	.481	.481	0	%100
14	M71	Z	-.833	-.833	0	%100
15	M86	X	.153	.153	0	%100
16	M86	Z	-.265	-.265	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	0	0	0	%100
19	M90	X	0	0	0	%100
20	M90	Z	0	0	0	%100
21	M51A	X	0	0	0	%100
22	M51A	Z	0	0	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	0	0	0	%100
25	M53A	X	0	0	0	%100
26	M53A	Z	0	0	0	%100
27	M62	X	.611	.611	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,%]
28	M62	Z	-1.058	-1.058	0	%100
29	M63	X	.464	.464	0	%100
30	M63	Z	-.803	-.803	0	%100
31	M65A	X	.481	.481	0	%100
32	M65A	Z	-.833	-.833	0	%100
33	M67	X	.611	.611	0	%100
34	M67	Z	-1.058	-1.058	0	%100
35	M68A	X	.464	.464	0	%100
36	M68A	Z	-.803	-.803	0	%100
37	M70	X	.481	.481	0	%100
38	M70	Z	-.833	-.833	0	%100
39	MP5A	X	.24	.24	0	%100
40	MP5A	Z	-.416	-.416	0	%100
41	MP4A	X	.24	.24	0	%100
42	MP4A	Z	-.416	-.416	0	%100
43	MP1A	X	.24	.24	0	%100
44	MP1A	Z	-.416	-.416	0	%100
45	M109A	X	.361	.361	0	%100
46	M109A	Z	-.625	-.625	0	%100
47	M53	X	.266	.266	0	%100
48	M53	Z	-.46	-.46	0	%100
49	M54A	X	0	0	0	%100
50	M54A	Z	0	0	0	%100
51	M55A	X	.229	.229	0	%100
52	M55A	Z	-.396	-.396	0	%100
53	M56A	X	.229	.229	0	%100
54	M56A	Z	-.396	-.396	0	%100
55	M57A	X	.455	.455	0	%100
56	M57A	Z	-.789	-.789	0	%100
57	M60A	X	.25	.25	0	%100
58	M60A	Z	-.433	-.433	0	%100
59	M61A	X	8.6e-5	8.6e-5	0	%100
60	M61A	Z	-.000149	-.000149	0	%100
61	M66A	X	.153	.153	0	%100
62	M66A	Z	-.265	-.265	0	%100
63	M67A	X	0	0	0	%100
64	M67A	Z	0	0	0	%100
65	M69A	X	0	0	0	%100
66	M69A	Z	0	0	0	%100
67	M71B	X	.153	.153	0	%100
68	M71B	Z	-.265	-.265	0	%100
69	M72A	X	.464	.464	0	%100
70	M72A	Z	-.803	-.803	0	%100
71	M74	X	.481	.481	0	%100
72	M74	Z	-.833	-.833	0	%100
73	M76	X	.09	.09	0	%100
74	M76	Z	-.156	-.156	0	%100
75	M77	X	.09	.09	0	%100
76	M77	Z	-.156	-.156	0	%100
77	MP2A	X	.24	.24	0	%100
78	MP2A	Z	-.416	-.416	0	%100
79	MP3A	X	.24	.24	0	%100
80	MP3A	Z	-.416	-.416	0	%100
81	MP5C	X	.24	.24	0	%100
82	MP5C	Z	-.416	-.416	0	%100
83	MP4C	X	.24	.24	0	%100
84	MP4C	Z	-.416	-.416	0	%100
85	MP1C	X	.24	.24	0	%100
86	MP1C	Z	-.416	-.416	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,%]
87	MP2C	X	.24	.24	0	%100
88	MP2C	Z	-.416	-.416	0	%100
89	MP3C	X	.24	.24	0	%100
90	MP3C	Z	-.416	-.416	0	%100
91	MP5B	X	.24	.24	0	%100
92	MP5B	Z	-.416	-.416	0	%100
93	MP4B	X	.24	.24	0	%100
94	MP4B	Z	-.416	-.416	0	%100
95	MP1B	X	.24	.24	0	%100
96	MP1B	Z	-.416	-.416	0	%100
97	MP2B	X	.24	.24	0	%100
98	MP2B	Z	-.416	-.416	0	%100
99	MP3B	X	.24	.24	0	%100
100	MP3B	Z	-.416	-.416	0	%100
101	M94B	X	8.6e-5	8.6e-5	0	%100
102	M94B	Z	-.000149	-.000149	0	%100
103	M95	X	.25	.25	0	%100
104	M95	Z	-.433	-.433	0	%100
105	M100B	X	.241	.241	0	%100
106	M100B	Z	-.417	-.417	0	%100
107	M101B	X	.241	.241	0	%100
108	M101B	Z	-.417	-.417	0	%100
109	M106	X	.218	.218	0	%100
110	M106	Z	-.378	-.378	0	%100
111	M110	X	.218	.218	0	%100
112	M110	Z	-.378	-.378	0	%100
113	M111	X	0	0	0	%100
114	M111	Z	0	0	0	%100
115	M130	X	.274	.274	0	%100
116	M130	Z	-.474	-.474	0	%100
117	M131	X	.274	.274	0	%100
118	M131	Z	-.474	-.474	0	%100
119	M132	X	0	0	0	%100
120	M132	Z	0	0	0	%100
121	M134	X	.197	.197	0	%100
122	M134	Z	-.34	-.34	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	M20	X	.153	.153	0	%100
2	M20	Z	-.089	-.089	0	%100
3	M41A	X	.528	.528	0	%100
4	M41A	Z	-.305	-.305	0	%100
5	M42_1	X	.528	.528	0	%100
6	M42_1	Z	-.305	-.305	0	%100
7	M43A_1	X	1.052	1.052	0	%100
8	M43A_1	Z	-.607	-.607	0	%100
9	M64	X	0	0	0	%100
10	M64	Z	0	0	0	%100
11	M65	X	.268	.268	0	%100
12	M65	Z	-.155	-.155	0	%100
13	M71	X	.278	.278	0	%100
14	M71	Z	-.16	-.16	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	.268	.268	0	%100
18	M87	Z	-.155	-.155	0	%100
19	M90	X	.278	.278	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,%]
20	M90	Z	-.16	-.16	0	%100
21	M51A	X	.132	.132	0	%100
22	M51A	Z	-.076	-.076	0	%100
23	M52	X	.132	.132	0	%100
24	M52	Z	-.076	-.076	0	%100
25	M53A	X	.263	.263	0	%100
26	M53A	Z	-.152	-.152	0	%100
27	M62	X	.794	.794	0	%100
28	M62	Z	-.458	-.458	0	%100
29	M63	X	1.071	1.071	0	%100
30	M63	Z	-.618	-.618	0	%100
31	M65A	X	1.11	1.11	0	%100
32	M65A	Z	-.641	-.641	0	%100
33	M67	X	.794	.794	0	%100
34	M67	Z	-.458	-.458	0	%100
35	M68A	X	.268	.268	0	%100
36	M68A	Z	-.155	-.155	0	%100
37	M70	X	.278	.278	0	%100
38	M70	Z	-.16	-.16	0	%100
39	MP5A	X	.416	.416	0	%100
40	MP5A	Z	-.24	-.24	0	%100
41	MP4A	X	.416	.416	0	%100
42	MP4A	Z	-.24	-.24	0	%100
43	MP1A	X	.416	.416	0	%100
44	MP1A	Z	-.24	-.24	0	%100
45	M109A	X	.469	.469	0	%100
46	M109A	Z	-.271	-.271	0	%100
47	M53	X	.613	.613	0	%100
48	M53	Z	-.354	-.354	0	%100
49	M54A	X	.153	.153	0	%100
50	M54A	Z	-.089	-.089	0	%100
51	M55A	X	.132	.132	0	%100
52	M55A	Z	-.076	-.076	0	%100
53	M56A	X	.132	.132	0	%100
54	M56A	Z	-.076	-.076	0	%100
55	M57A	X	.263	.263	0	%100
56	M57A	Z	-.152	-.152	0	%100
57	M60A	X	.566	.566	0	%100
58	M60A	Z	-.327	-.327	0	%100
59	M61A	X	.134	.134	0	%100
60	M61A	Z	-.077	-.077	0	%100
61	M66A	X	.794	.794	0	%100
62	M66A	Z	-.458	-.458	0	%100
63	M67A	X	.268	.268	0	%100
64	M67A	Z	-.155	-.155	0	%100
65	M69A	X	.278	.278	0	%100
66	M69A	Z	-.16	-.16	0	%100
67	M71B	X	.794	.794	0	%100
68	M71B	Z	-.458	-.458	0	%100
69	M72A	X	1.071	1.071	0	%100
70	M72A	Z	-.618	-.618	0	%100
71	M74	X	1.11	1.11	0	%100
72	M74	Z	-.641	-.641	0	%100
73	M76	X	.469	.469	0	%100
74	M76	Z	-.271	-.271	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	0	0	0	%100
77	MP2A	X	.416	.416	0	%100
78	MP2A	Z	-.24	-.24	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,%]
79	MP3A	X	.416	.416	0	%100
80	MP3A	Z	-.24	-.24	0	%100
81	MP5C	X	.416	.416	0	%100
82	MP5C	Z	-.24	-.24	0	%100
83	MP4C	X	.416	.416	0	%100
84	MP4C	Z	-.24	-.24	0	%100
85	MP1C	X	.416	.416	0	%100
86	MP1C	Z	-.24	-.24	0	%100
87	MP2C	X	.416	.416	0	%100
88	MP2C	Z	-.24	-.24	0	%100
89	MP3C	X	.416	.416	0	%100
90	MP3C	Z	-.24	-.24	0	%100
91	MP5B	X	.416	.416	0	%100
92	MP5B	Z	-.24	-.24	0	%100
93	MP4B	X	.416	.416	0	%100
94	MP4B	Z	-.24	-.24	0	%100
95	MP1B	X	.416	.416	0	%100
96	MP1B	Z	-.24	-.24	0	%100
97	MP2B	X	.416	.416	0	%100
98	MP2B	Z	-.24	-.24	0	%100
99	MP3B	X	.416	.416	0	%100
100	MP3B	Z	-.24	-.24	0	%100
101	M94B	X	.15	.15	0	%100
102	M94B	Z	-.086	-.086	0	%100
103	M95	X	.15	.15	0	%100
104	M95	Z	-.086	-.086	0	%100
105	M100B	X	.134	.134	0	%100
106	M100B	Z	-.077	-.077	0	%100
107	M101B	X	.566	.566	0	%100
108	M101B	Z	-.327	-.327	0	%100
109	M106	X	.126	.126	0	%100
110	M106	Z	-.073	-.073	0	%100
111	M110	X	.504	.504	0	%100
112	M110	Z	-.291	-.291	0	%100
113	M111	X	.126	.126	0	%100
114	M111	Z	-.073	-.073	0	%100
115	M130	X	.632	.632	0	%100
116	M130	Z	-.365	-.365	0	%100
117	M131	X	.158	.158	0	%100
118	M131	Z	-.091	-.091	0	%100
119	M132	X	.158	.158	0	%100
120	M132	Z	-.091	-.091	0	%100
121	M134	X	.34	.34	0	%100
122	M134	Z	-.197	-.197	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M41A	X	.458	.458	0	%100
4	M41A	Z	0	0	0	%100
5	M42_1	X	.458	.458	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	.911	.911	0	%100
8	M43A_1	Z	0	0	0	%100
9	M64	X	.305	.305	0	%100
10	M64	Z	0	0	0	%100
11	M65	X	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,%]
12	M65	Z	0	0	0	%100
13	M71	X	0	0	0	%100
14	M71	Z	0	0	0	%100
15	M86	X	.305	.305	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	.928	.928	0	%100
18	M87	Z	0	0	0	%100
19	M90	X	.961	.961	0	%100
20	M90	Z	0	0	0	%100
21	M51A	X	.458	.458	0	%100
22	M51A	Z	0	0	0	%100
23	M52	X	.458	.458	0	%100
24	M52	Z	0	0	0	%100
25	M53A	X	.911	.911	0	%100
26	M53A	Z	0	0	0	%100
27	M62	X	.305	.305	0	%100
28	M62	Z	0	0	0	%100
29	M63	X	.928	.928	0	%100
30	M63	Z	0	0	0	%100
31	M65A	X	.961	.961	0	%100
32	M65A	Z	0	0	0	%100
33	M67	X	.305	.305	0	%100
34	M67	Z	0	0	0	%100
35	M68A	X	0	0	0	%100
36	M68A	Z	0	0	0	%100
37	M70	X	0	0	0	%100
38	M70	Z	0	0	0	%100
39	MP5A	X	.481	.481	0	%100
40	MP5A	Z	0	0	0	%100
41	MP4A	X	.481	.481	0	%100
42	MP4A	Z	0	0	0	%100
43	MP1A	X	.481	.481	0	%100
44	MP1A	Z	0	0	0	%100
45	M109A	X	.18	.18	0	%100
46	M109A	Z	0	0	0	%100
47	M53	X	.531	.531	0	%100
48	M53	Z	0	0	0	%100
49	M54A	X	.531	.531	0	%100
50	M54A	Z	0	0	0	%100
51	M55A	X	0	0	0	%100
52	M55A	Z	0	0	0	%100
53	M56A	X	0	0	0	%100
54	M56A	Z	0	0	0	%100
55	M57A	X	0	0	0	%100
56	M57A	Z	0	0	0	%100
57	M60A	X	.481	.481	0	%100
58	M60A	Z	0	0	0	%100
59	M61A	X	.481	.481	0	%100
60	M61A	Z	0	0	0	%100
61	M66A	X	1.222	1.222	0	%100
62	M66A	Z	0	0	0	%100
63	M67A	X	.928	.928	0	%100
64	M67A	Z	0	0	0	%100
65	M69A	X	.961	.961	0	%100
66	M69A	Z	0	0	0	%100
67	M71B	X	1.222	1.222	0	%100
68	M71B	Z	0	0	0	%100
69	M72A	X	.928	.928	0	%100
70	M72A	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,%]
71	M74	X	.961	.961	0	%100
72	M74	Z	0	0	0	%100
73	M76	X	.722	.722	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	.18	.18	0	%100
76	M77	Z	0	0	0	%100
77	MP2A	X	.481	.481	0	%100
78	MP2A	Z	0	0	0	%100
79	MP3A	X	.481	.481	0	%100
80	MP3A	Z	0	0	0	%100
81	MP5C	X	.481	.481	0	%100
82	MP5C	Z	0	0	0	%100
83	MP4C	X	.481	.481	0	%100
84	MP4C	Z	0	0	0	%100
85	MP1C	X	.481	.481	0	%100
86	MP1C	Z	0	0	0	%100
87	MP2C	X	.481	.481	0	%100
88	MP2C	Z	0	0	0	%100
89	MP3C	X	.481	.481	0	%100
90	MP3C	Z	0	0	0	%100
91	MP5B	X	.481	.481	0	%100
92	MP5B	Z	0	0	0	%100
93	MP4B	X	.481	.481	0	%100
94	MP4B	Z	0	0	0	%100
95	MP1B	X	.481	.481	0	%100
96	MP1B	Z	0	0	0	%100
97	MP2B	X	.481	.481	0	%100
98	MP2B	Z	0	0	0	%100
99	MP3B	X	.481	.481	0	%100
100	MP3B	Z	0	0	0	%100
101	M94B	X	.499	.499	0	%100
102	M94B	Z	0	0	0	%100
103	M95	X	.000172	.000172	0	%100
104	M95	Z	0	0	0	%100
105	M100B	X	.000172	.000172	0	%100
106	M100B	Z	0	0	0	%100
107	M101B	X	.5	.5	0	%100
108	M101B	Z	0	0	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	0	0	0	%100
111	M110	X	.436	.436	0	%100
112	M110	Z	0	0	0	%100
113	M111	X	.436	.436	0	%100
114	M111	Z	0	0	0	%100
115	M130	X	.547	.547	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	0	0	0	%100
119	M132	X	.547	.547	0	%100
120	M132	Z	0	0	0	%100
121	M134	X	.393	.393	0	%100
122	M134	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	M20	X	.153	.153	0	%100
2	M20	Z	.089	.089	0	%100
3	M41A	X	.132	.132	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,%]
4	M41A	Z	.076	.076	0	%100
5	M42_1	X	.132	.132	0	%100
6	M42_1	Z	.076	.076	0	%100
7	M43A_1	X	.263	.263	0	%100
8	M43A_1	Z	.152	.152	0	%100
9	M64	X	.794	.794	0	%100
10	M64	Z	.458	.458	0	%100
11	M65	X	.268	.268	0	%100
12	M65	Z	.155	.155	0	%100
13	M71	X	.278	.278	0	%100
14	M71	Z	.16	.16	0	%100
15	M86	X	.794	.794	0	%100
16	M86	Z	.458	.458	0	%100
17	M87	X	1.071	1.071	0	%100
18	M87	Z	.618	.618	0	%100
19	M90	X	1.11	1.11	0	%100
20	M90	Z	.641	.641	0	%100
21	M51A	X	.528	.528	0	%100
22	M51A	Z	.305	.305	0	%100
23	M52	X	.528	.528	0	%100
24	M52	Z	.305	.305	0	%100
25	M53A	X	1.052	1.052	0	%100
26	M53A	Z	.607	.607	0	%100
27	M62	X	0	0	0	%100
28	M62	Z	0	0	0	%100
29	M63	X	.268	.268	0	%100
30	M63	Z	.155	.155	0	%100
31	M65A	X	.278	.278	0	%100
32	M65A	Z	.16	.16	0	%100
33	M67	X	0	0	0	%100
34	M67	Z	0	0	0	%100
35	M68A	X	.268	.268	0	%100
36	M68A	Z	.155	.155	0	%100
37	M70	X	.278	.278	0	%100
38	M70	Z	.16	.16	0	%100
39	MP5A	X	.416	.416	0	%100
40	MP5A	Z	.24	.24	0	%100
41	MP4A	X	.416	.416	0	%100
42	MP4A	Z	.24	.24	0	%100
43	MP1A	X	.416	.416	0	%100
44	MP1A	Z	.24	.24	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	0	0	0	%100
47	M53	X	.153	.153	0	%100
48	M53	Z	.089	.089	0	%100
49	M54A	X	.613	.613	0	%100
50	M54A	Z	.354	.354	0	%100
51	M55A	X	.132	.132	0	%100
52	M55A	Z	.076	.076	0	%100
53	M56A	X	.132	.132	0	%100
54	M56A	Z	.076	.076	0	%100
55	M57A	X	.263	.263	0	%100
56	M57A	Z	.152	.152	0	%100
57	M60A	X	.134	.134	0	%100
58	M60A	Z	.077	.077	0	%100
59	M61A	X	.566	.566	0	%100
60	M61A	Z	.327	.327	0	%100
61	M66A	X	.794	.794	0	%100
62	M66A	Z	.458	.458	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,%]
63	M67A	X	1.071	1.071	0	%100
64	M67A	Z	.618	.618	0	%100
65	M69A	X	1.11	1.11	0	%100
66	M69A	Z	.641	.641	0	%100
67	M71B	X	.794	.794	0	%100
68	M71B	Z	.458	.458	0	%100
69	M72A	X	.268	.268	0	%100
70	M72A	Z	.155	.155	0	%100
71	M74	X	.278	.278	0	%100
72	M74	Z	.16	.16	0	%100
73	M76	X	.469	.469	0	%100
74	M76	Z	.271	.271	0	%100
75	M77	X	.469	.469	0	%100
76	M77	Z	.271	.271	0	%100
77	MP2A	X	.416	.416	0	%100
78	MP2A	Z	.24	.24	0	%100
79	MP3A	X	.416	.416	0	%100
80	MP3A	Z	.24	.24	0	%100
81	MP5C	X	.416	.416	0	%100
82	MP5C	Z	.24	.24	0	%100
83	MP4C	X	.416	.416	0	%100
84	MP4C	Z	.24	.24	0	%100
85	MP1C	X	.416	.416	0	%100
86	MP1C	Z	.24	.24	0	%100
87	MP2C	X	.416	.416	0	%100
88	MP2C	Z	.24	.24	0	%100
89	MP3C	X	.416	.416	0	%100
90	MP3C	Z	.24	.24	0	%100
91	MP5B	X	.416	.416	0	%100
92	MP5B	Z	.24	.24	0	%100
93	MP4B	X	.416	.416	0	%100
94	MP4B	Z	.24	.24	0	%100
95	MP1B	X	.416	.416	0	%100
96	MP1B	Z	.24	.24	0	%100
97	MP2B	X	.416	.416	0	%100
98	MP2B	Z	.24	.24	0	%100
99	MP3B	X	.416	.416	0	%100
100	MP3B	Z	.24	.24	0	%100
101	M94B	X	.566	.566	0	%100
102	M94B	Z	.327	.327	0	%100
103	M95	X	.134	.134	0	%100
104	M95	Z	.077	.077	0	%100
105	M100B	X	.15	.15	0	%100
106	M100B	Z	.086	.086	0	%100
107	M101B	X	.15	.15	0	%100
108	M101B	Z	.086	.086	0	%100
109	M106	X	.126	.126	0	%100
110	M106	Z	.073	.073	0	%100
111	M110	X	.126	.126	0	%100
112	M110	Z	.073	.073	0	%100
113	M111	X	.504	.504	0	%100
114	M111	Z	.291	.291	0	%100
115	M130	X	.158	.158	0	%100
116	M130	Z	.091	.091	0	%100
117	M131	X	.158	.158	0	%100
118	M131	Z	.091	.091	0	%100
119	M132	X	.632	.632	0	%100
120	M132	Z	.365	.365	0	%100
121	M134	X	.34	.34	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,%]
122	M134	Z	.197	.197	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	M20	X	.266	.266	0	%100
2	M20	Z	.46	.46	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	0	0	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	0	0	0	%100
8	M43A_1	Z	0	0	0	%100
9	M64	X	.611	.611	0	%100
10	M64	Z	1.058	1.058	0	%100
11	M65	X	.464	.464	0	%100
12	M65	Z	.803	.803	0	%100
13	M71	X	.481	.481	0	%100
14	M71	Z	.833	.833	0	%100
15	M86	X	.611	.611	0	%100
16	M86	Z	1.058	1.058	0	%100
17	M87	X	.464	.464	0	%100
18	M87	Z	.803	.803	0	%100
19	M90	X	.481	.481	0	%100
20	M90	Z	.833	.833	0	%100
21	M51A	X	.229	.229	0	%100
22	M51A	Z	.396	.396	0	%100
23	M52	X	.229	.229	0	%100
24	M52	Z	.396	.396	0	%100
25	M53A	X	.455	.455	0	%100
26	M53A	Z	.789	.789	0	%100
27	M62	X	.153	.153	0	%100
28	M62	Z	.265	.265	0	%100
29	M63	X	0	0	0	%100
30	M63	Z	0	0	0	%100
31	M65A	X	0	0	0	%100
32	M65A	Z	0	0	0	%100
33	M67	X	.153	.153	0	%100
34	M67	Z	.265	.265	0	%100
35	M68A	X	.464	.464	0	%100
36	M68A	Z	.803	.803	0	%100
37	M70	X	.481	.481	0	%100
38	M70	Z	.833	.833	0	%100
39	MP5A	X	.24	.24	0	%100
40	MP5A	Z	.416	.416	0	%100
41	MP4A	X	.24	.24	0	%100
42	MP4A	Z	.416	.416	0	%100
43	MP1A	X	.24	.24	0	%100
44	MP1A	Z	.416	.416	0	%100
45	M109A	X	.09	.09	0	%100
46	M109A	Z	.156	.156	0	%100
47	M53	X	0	0	0	%100
48	M53	Z	0	0	0	%100
49	M54A	X	.266	.266	0	%100
50	M54A	Z	.46	.46	0	%100
51	M55A	X	.229	.229	0	%100
52	M55A	Z	.396	.396	0	%100
53	M56A	X	.229	.229	0	%100
54	M56A	Z	.396	.396	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,%]
55	M57A	X	.455	.455	0	%100
56	M57A	Z	.789	.789	0	%100
57	M60A	X	8.6e-5	8.6e-5	0	%100
58	M60A	Z	.000149	.000149	0	%100
59	M61A	X	.25	.25	0	%100
60	M61A	Z	.433	.433	0	%100
61	M66A	X	.153	.153	0	%100
62	M66A	Z	.265	.265	0	%100
63	M67A	X	.464	.464	0	%100
64	M67A	Z	.803	.803	0	%100
65	M69A	X	.481	.481	0	%100
66	M69A	Z	.833	.833	0	%100
67	M71B	X	.153	.153	0	%100
68	M71B	Z	.265	.265	0	%100
69	M72A	X	0	0	0	%100
70	M72A	Z	0	0	0	%100
71	M74	X	0	0	0	%100
72	M74	Z	0	0	0	%100
73	M76	X	.09	.09	0	%100
74	M76	Z	.156	.156	0	%100
75	M77	X	.361	.361	0	%100
76	M77	Z	.625	.625	0	%100
77	MP2A	X	.24	.24	0	%100
78	MP2A	Z	.416	.416	0	%100
79	MP3A	X	.24	.24	0	%100
80	MP3A	Z	.416	.416	0	%100
81	MP5C	X	.24	.24	0	%100
82	MP5C	Z	.416	.416	0	%100
83	MP4C	X	.24	.24	0	%100
84	MP4C	Z	.416	.416	0	%100
85	MP1C	X	.24	.24	0	%100
86	MP1C	Z	.416	.416	0	%100
87	MP2C	X	.24	.24	0	%100
88	MP2C	Z	.416	.416	0	%100
89	MP3C	X	.24	.24	0	%100
90	MP3C	Z	.416	.416	0	%100
91	MP5B	X	.24	.24	0	%100
92	MP5B	Z	.416	.416	0	%100
93	MP4B	X	.24	.24	0	%100
94	MP4B	Z	.416	.416	0	%100
95	MP1B	X	.24	.24	0	%100
96	MP1B	Z	.416	.416	0	%100
97	MP2B	X	.24	.24	0	%100
98	MP2B	Z	.416	.416	0	%100
99	MP3B	X	.24	.24	0	%100
100	MP3B	Z	.416	.416	0	%100
101	M94B	X	.241	.241	0	%100
102	M94B	Z	.417	.417	0	%100
103	M95	X	.241	.241	0	%100
104	M95	Z	.417	.417	0	%100
105	M100B	X	.25	.25	0	%100
106	M100B	Z	.433	.433	0	%100
107	M101B	X	8.6e-5	8.6e-5	0	%100
108	M101B	Z	.000149	.000149	0	%100
109	M106	X	.218	.218	0	%100
110	M106	Z	.378	.378	0	%100
111	M110	X	0	0	0	%100
112	M110	Z	0	0	0	%100
113	M111	X	.218	.218	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,%]
114	M111	Z	.378	.378	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	.274	.274	0	%100
118	M131	Z	.474	.474	0	%100
119	M132	X	.274	.274	0	%100
120	M132	Z	.474	.474	0	%100
121	M134	X	.197	.197	0	%100
122	M134	Z	.34	.34	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	M20	X	0	0	0	%100
2	M20	Z	.708	.708	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	.153	.153	0	%100
5	M42 1	X	0	0	0	%100
6	M42 1	Z	.153	.153	0	%100
7	M43A 1	X	0	0	0	%100
8	M43A 1	Z	.304	.304	0	%100
9	M64	X	0	0	0	%100
10	M64	Z	.916	.916	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	1.237	1.237	0	%100
13	M71	X	0	0	0	%100
14	M71	Z	1.282	1.282	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	.916	.916	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	.309	.309	0	%100
19	M90	X	0	0	0	%100
20	M90	Z	.32	.32	0	%100
21	M51A	X	0	0	0	%100
22	M51A	Z	.153	.153	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	.153	.153	0	%100
25	M53A	X	0	0	0	%100
26	M53A	Z	.304	.304	0	%100
27	M62	X	0	0	0	%100
28	M62	Z	.916	.916	0	%100
29	M63	X	0	0	0	%100
30	M63	Z	.309	.309	0	%100
31	M65A	X	0	0	0	%100
32	M65A	Z	.32	.32	0	%100
33	M67	X	0	0	0	%100
34	M67	Z	.916	.916	0	%100
35	M68A	X	0	0	0	%100
36	M68A	Z	1.237	1.237	0	%100
37	M70	X	0	0	0	%100
38	M70	Z	1.282	1.282	0	%100
39	MP5A	X	0	0	0	%100
40	MP5A	Z	.481	.481	0	%100
41	MP4A	X	0	0	0	%100
42	MP4A	Z	.481	.481	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	.481	.481	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	.541	.541	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,%]
47	M53	X	0	0	0	%100
48	M53	Z	.177	.177	0	%100
49	M54A	X	0	0	0	%100
50	M54A	Z	.177	.177	0	%100
51	M55A	X	0	0	0	%100
52	M55A	Z	.61	.61	0	%100
53	M56A	X	0	0	0	%100
54	M56A	Z	.61	.61	0	%100
55	M57A	X	0	0	0	%100
56	M57A	Z	1.214	1.214	0	%100
57	M60A	X	0	0	0	%100
58	M60A	Z	.173	.173	0	%100
59	M61A	X	0	0	0	%100
60	M61A	Z	.173	.173	0	%100
61	M66A	X	0	0	0	%100
62	M66A	Z	0	0	0	%100
63	M67A	X	0	0	0	%100
64	M67A	Z	.309	.309	0	%100
65	M69A	X	0	0	0	%100
66	M69A	Z	.32	.32	0	%100
67	M71B	X	0	0	0	%100
68	M71B	Z	0	0	0	%100
69	M72A	X	0	0	0	%100
70	M72A	Z	.309	.309	0	%100
71	M74	X	0	0	0	%100
72	M74	Z	.32	.32	0	%100
73	M76	X	0	0	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	.541	.541	0	%100
77	MP2A	X	0	0	0	%100
78	MP2A	Z	.481	.481	0	%100
79	MP3A	X	0	0	0	%100
80	MP3A	Z	.481	.481	0	%100
81	MP5C	X	0	0	0	%100
82	MP5C	Z	.481	.481	0	%100
83	MP4C	X	0	0	0	%100
84	MP4C	Z	.481	.481	0	%100
85	MP1C	X	0	0	0	%100
86	MP1C	Z	.481	.481	0	%100
87	MP2C	X	0	0	0	%100
88	MP2C	Z	.481	.481	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	.481	.481	0	%100
91	MP5B	X	0	0	0	%100
92	MP5B	Z	.481	.481	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	.481	.481	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	.481	.481	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	.481	.481	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	.481	.481	0	%100
101	M94B	X	0	0	0	%100
102	M94B	Z	.154	.154	0	%100
103	M95	X	0	0	0	%100
104	M95	Z	.654	.654	0	%100
105	M100B	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,%]
106	M100B	Z	.654	.654	0	%100
107	M101B	X	0	0	0	%100
108	M101B	Z	.154	.154	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	.582	.582	0	%100
111	M110	X	0	0	0	%100
112	M110	Z	.145	.145	0	%100
113	M111	X	0	0	0	%100
114	M111	Z	.145	.145	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	.182	.182	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	.729	.729	0	%100
119	M132	X	0	0	0	%100
120	M132	Z	.182	.182	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	.393	.393	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	M20	X	-.266	-.266	0	%100
2	M20	Z	.46	.46	0	%100
3	M41A	X	-.229	-.229	0	%100
4	M41A	Z	.396	.396	0	%100
5	M42_1	X	-.229	-.229	0	%100
6	M42_1	Z	.396	.396	0	%100
7	M43A_1	X	-.455	-.455	0	%100
8	M43A_1	Z	.789	.789	0	%100
9	M64	X	-.153	-.153	0	%100
10	M64	Z	.265	.265	0	%100
11	M65	X	-.464	-.464	0	%100
12	M65	Z	.803	.803	0	%100
13	M71	X	-.481	-.481	0	%100
14	M71	Z	.833	.833	0	%100
15	M86	X	-.153	-.153	0	%100
16	M86	Z	.265	.265	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	0	0	0	%100
19	M90	X	0	0	0	%100
20	M90	Z	0	0	0	%100
21	M51A	X	0	0	0	%100
22	M51A	Z	0	0	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	0	0	0	%100
25	M53A	X	0	0	0	%100
26	M53A	Z	0	0	0	%100
27	M62	X	-.611	-.611	0	%100
28	M62	Z	1.058	1.058	0	%100
29	M63	X	-.464	-.464	0	%100
30	M63	Z	.803	.803	0	%100
31	M65A	X	-.481	-.481	0	%100
32	M65A	Z	.833	.833	0	%100
33	M67	X	-.611	-.611	0	%100
34	M67	Z	1.058	1.058	0	%100
35	M68A	X	-.464	-.464	0	%100
36	M68A	Z	.803	.803	0	%100
37	M70	X	-.481	-.481	0	%100
38	M70	Z	.833	.833	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,%]
39	MP5A	X	-.24	-.24	0	%100
40	MP5A	Z	.416	.416	0	%100
41	MP4A	X	-.24	-.24	0	%100
42	MP4A	Z	.416	.416	0	%100
43	MP1A	X	-.24	-.24	0	%100
44	MP1A	Z	.416	.416	0	%100
45	M109A	X	-.361	-.361	0	%100
46	M109A	Z	.625	.625	0	%100
47	M53	X	-.266	-.266	0	%100
48	M53	Z	.46	.46	0	%100
49	M54A	X	0	0	0	%100
50	M54A	Z	0	0	0	%100
51	M55A	X	-.229	-.229	0	%100
52	M55A	Z	.396	.396	0	%100
53	M56A	X	-.229	-.229	0	%100
54	M56A	Z	.396	.396	0	%100
55	M57A	X	-.455	-.455	0	%100
56	M57A	Z	.789	.789	0	%100
57	M60A	X	-.25	-.25	0	%100
58	M60A	Z	.433	.433	0	%100
59	M61A	X	-8.6e-5	-8.6e-5	0	%100
60	M61A	Z	.000149	.000149	0	%100
61	M66A	X	-.153	-.153	0	%100
62	M66A	Z	.265	.265	0	%100
63	M67A	X	0	0	0	%100
64	M67A	Z	0	0	0	%100
65	M69A	X	0	0	0	%100
66	M69A	Z	0	0	0	%100
67	M71B	X	-.153	-.153	0	%100
68	M71B	Z	.265	.265	0	%100
69	M72A	X	-.464	-.464	0	%100
70	M72A	Z	.803	.803	0	%100
71	M74	X	-.481	-.481	0	%100
72	M74	Z	.833	.833	0	%100
73	M76	X	-.09	-.09	0	%100
74	M76	Z	.156	.156	0	%100
75	M77	X	-.09	-.09	0	%100
76	M77	Z	.156	.156	0	%100
77	MP2A	X	-.24	-.24	0	%100
78	MP2A	Z	.416	.416	0	%100
79	MP3A	X	-.24	-.24	0	%100
80	MP3A	Z	.416	.416	0	%100
81	MP5C	X	-.24	-.24	0	%100
82	MP5C	Z	.416	.416	0	%100
83	MP4C	X	-.24	-.24	0	%100
84	MP4C	Z	.416	.416	0	%100
85	MP1C	X	-.24	-.24	0	%100
86	MP1C	Z	.416	.416	0	%100
87	MP2C	X	-.24	-.24	0	%100
88	MP2C	Z	.416	.416	0	%100
89	MP3C	X	-.24	-.24	0	%100
90	MP3C	Z	.416	.416	0	%100
91	MP5B	X	-.24	-.24	0	%100
92	MP5B	Z	.416	.416	0	%100
93	MP4B	X	-.24	-.24	0	%100
94	MP4B	Z	.416	.416	0	%100
95	MP1B	X	-.24	-.24	0	%100
96	MP1B	Z	.416	.416	0	%100
97	MP2B	X	-.24	-.24	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,%]
98	MP2B	Z	.416	.416	0	%100
99	MP3B	X	-.24	-.24	0	%100
100	MP3B	Z	.416	.416	0	%100
101	M94B	X	-8.6e-5	-8.6e-5	0	%100
102	M94B	Z	.000149	.000149	0	%100
103	M95	X	-.25	-.25	0	%100
104	M95	Z	.433	.433	0	%100
105	M100B	X	-.241	-.241	0	%100
106	M100B	Z	.417	.417	0	%100
107	M101B	X	-.241	-.241	0	%100
108	M101B	Z	.417	.417	0	%100
109	M106	X	-.218	-.218	0	%100
110	M106	Z	.378	.378	0	%100
111	M110	X	-.218	-.218	0	%100
112	M110	Z	.378	.378	0	%100
113	M111	X	0	0	0	%100
114	M111	Z	0	0	0	%100
115	M130	X	-.274	-.274	0	%100
116	M130	Z	.474	.474	0	%100
117	M131	X	-.274	-.274	0	%100
118	M131	Z	.474	.474	0	%100
119	M132	X	0	0	0	%100
120	M132	Z	0	0	0	%100
121	M134	X	-.197	-.197	0	%100
122	M134	Z	.34	.34	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	M20	X	-.153	-.153	0	%100
2	M20	Z	.089	.089	0	%100
3	M41A	X	-.528	-.528	0	%100
4	M41A	Z	.305	.305	0	%100
5	M42_1	X	-.528	-.528	0	%100
6	M42_1	Z	.305	.305	0	%100
7	M43A_1	X	-1.052	-1.052	0	%100
8	M43A_1	Z	.607	.607	0	%100
9	M64	X	0	0	0	%100
10	M64	Z	0	0	0	%100
11	M65	X	-.268	-.268	0	%100
12	M65	Z	.155	.155	0	%100
13	M71	X	-.278	-.278	0	%100
14	M71	Z	.16	.16	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	-.268	-.268	0	%100
18	M87	Z	.155	.155	0	%100
19	M90	X	-.278	-.278	0	%100
20	M90	Z	.16	.16	0	%100
21	M51A	X	-.132	-.132	0	%100
22	M51A	Z	.076	.076	0	%100
23	M52	X	-.132	-.132	0	%100
24	M52	Z	.076	.076	0	%100
25	M53A	X	-.263	-.263	0	%100
26	M53A	Z	.152	.152	0	%100
27	M62	X	-.794	-.794	0	%100
28	M62	Z	.458	.458	0	%100
29	M63	X	-1.071	-1.071	0	%100
30	M63	Z	.618	.618	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	M65A	X	-1.11	-1.11	0	%100
32	M65A	Z	.641	.641	0	%100
33	M67	X	-.794	-.794	0	%100
34	M67	Z	.458	.458	0	%100
35	M68A	X	-.268	-.268	0	%100
36	M68A	Z	.155	.155	0	%100
37	M70	X	-.278	-.278	0	%100
38	M70	Z	.16	.16	0	%100
39	MP5A	X	-.416	-.416	0	%100
40	MP5A	Z	.24	.24	0	%100
41	MP4A	X	-.416	-.416	0	%100
42	MP4A	Z	.24	.24	0	%100
43	MP1A	X	-.416	-.416	0	%100
44	MP1A	Z	.24	.24	0	%100
45	M109A	X	-.469	-.469	0	%100
46	M109A	Z	.271	.271	0	%100
47	M53	X	-.613	-.613	0	%100
48	M53	Z	.354	.354	0	%100
49	M54A	X	-.153	-.153	0	%100
50	M54A	Z	.089	.089	0	%100
51	M55A	X	-.132	-.132	0	%100
52	M55A	Z	.076	.076	0	%100
53	M56A	X	-.132	-.132	0	%100
54	M56A	Z	.076	.076	0	%100
55	M57A	X	-.263	-.263	0	%100
56	M57A	Z	.152	.152	0	%100
57	M60A	X	-.566	-.566	0	%100
58	M60A	Z	.327	.327	0	%100
59	M61A	X	-.134	-.134	0	%100
60	M61A	Z	.077	.077	0	%100
61	M66A	X	-.794	-.794	0	%100
62	M66A	Z	.458	.458	0	%100
63	M67A	X	-.268	-.268	0	%100
64	M67A	Z	.155	.155	0	%100
65	M69A	X	-.278	-.278	0	%100
66	M69A	Z	.16	.16	0	%100
67	M71B	X	-.794	-.794	0	%100
68	M71B	Z	.458	.458	0	%100
69	M72A	X	-1.071	-1.071	0	%100
70	M72A	Z	.618	.618	0	%100
71	M74	X	-1.11	-1.11	0	%100
72	M74	Z	.641	.641	0	%100
73	M76	X	-.469	-.469	0	%100
74	M76	Z	.271	.271	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	0	0	0	%100
77	MP2A	X	-.416	-.416	0	%100
78	MP2A	Z	.24	.24	0	%100
79	MP3A	X	-.416	-.416	0	%100
80	MP3A	Z	.24	.24	0	%100
81	MP5C	X	-.416	-.416	0	%100
82	MP5C	Z	.24	.24	0	%100
83	MP4C	X	-.416	-.416	0	%100
84	MP4C	Z	.24	.24	0	%100
85	MP1C	X	-.416	-.416	0	%100
86	MP1C	Z	.24	.24	0	%100
87	MP2C	X	-.416	-.416	0	%100
88	MP2C	Z	.24	.24	0	%100
89	MP3C	X	-.416	-.416	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	MP3C	Z	.24	.24	0	%100
91	MP5B	X	-.416	-.416	0	%100
92	MP5B	Z	.24	.24	0	%100
93	MP4B	X	-.416	-.416	0	%100
94	MP4B	Z	.24	.24	0	%100
95	MP1B	X	-.416	-.416	0	%100
96	MP1B	Z	.24	.24	0	%100
97	MP2B	X	-.416	-.416	0	%100
98	MP2B	Z	.24	.24	0	%100
99	MP3B	X	-.416	-.416	0	%100
100	MP3B	Z	.24	.24	0	%100
101	M94B	X	-.15	-.15	0	%100
102	M94B	Z	.086	.086	0	%100
103	M95	X	-.15	-.15	0	%100
104	M95	Z	.086	.086	0	%100
105	M100B	X	-.134	-.134	0	%100
106	M100B	Z	.077	.077	0	%100
107	M101B	X	-.566	-.566	0	%100
108	M101B	Z	.327	.327	0	%100
109	M106	X	-.126	-.126	0	%100
110	M106	Z	.073	.073	0	%100
111	M110	X	-.504	-.504	0	%100
112	M110	Z	.291	.291	0	%100
113	M111	X	-.126	-.126	0	%100
114	M111	Z	.073	.073	0	%100
115	M130	X	-.632	-.632	0	%100
116	M130	Z	.365	.365	0	%100
117	M131	X	-.158	-.158	0	%100
118	M131	Z	.091	.091	0	%100
119	M132	X	-.158	-.158	0	%100
120	M132	Z	.091	.091	0	%100
121	M134	X	-.34	-.34	0	%100
122	M134	Z	.197	.197	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,%]
1	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M41A	X	-.458	-.458	0	%100
4	M41A	Z	0	0	0	%100
5	M42 1	X	-.458	-.458	0	%100
6	M42 1	Z	0	0	0	%100
7	M43A 1	X	-.911	-.911	0	%100
8	M43A 1	Z	0	0	0	%100
9	M64	X	-.305	-.305	0	%100
10	M64	Z	0	0	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	0	0	0	%100
13	M71	X	0	0	0	%100
14	M71	Z	0	0	0	%100
15	M86	X	-.305	-.305	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	-.928	-.928	0	%100
18	M87	Z	0	0	0	%100
19	M90	X	-.961	-.961	0	%100
20	M90	Z	0	0	0	%100
21	M51A	X	-.458	-.458	0	%100
22	M51A	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,%]
23	M52	X	-.458	-.458	0	%100
24	M52	Z	0	0	0	%100
25	M53A	X	-.911	-.911	0	%100
26	M53A	Z	0	0	0	%100
27	M62	X	-.305	-.305	0	%100
28	M62	Z	0	0	0	%100
29	M63	X	-.928	-.928	0	%100
30	M63	Z	0	0	0	%100
31	M65A	X	-.961	-.961	0	%100
32	M65A	Z	0	0	0	%100
33	M67	X	-.305	-.305	0	%100
34	M67	Z	0	0	0	%100
35	M68A	X	0	0	0	%100
36	M68A	Z	0	0	0	%100
37	M70	X	0	0	0	%100
38	M70	Z	0	0	0	%100
39	MP5A	X	-.481	-.481	0	%100
40	MP5A	Z	0	0	0	%100
41	MP4A	X	-.481	-.481	0	%100
42	MP4A	Z	0	0	0	%100
43	MP1A	X	-.481	-.481	0	%100
44	MP1A	Z	0	0	0	%100
45	M109A	X	-.18	-.18	0	%100
46	M109A	Z	0	0	0	%100
47	M53	X	-.531	-.531	0	%100
48	M53	Z	0	0	0	%100
49	M54A	X	-.531	-.531	0	%100
50	M54A	Z	0	0	0	%100
51	M55A	X	0	0	0	%100
52	M55A	Z	0	0	0	%100
53	M56A	X	0	0	0	%100
54	M56A	Z	0	0	0	%100
55	M57A	X	0	0	0	%100
56	M57A	Z	0	0	0	%100
57	M60A	X	-.481	-.481	0	%100
58	M60A	Z	0	0	0	%100
59	M61A	X	-.481	-.481	0	%100
60	M61A	Z	0	0	0	%100
61	M66A	X	-1.222	-1.222	0	%100
62	M66A	Z	0	0	0	%100
63	M67A	X	-.928	-.928	0	%100
64	M67A	Z	0	0	0	%100
65	M69A	X	-.961	-.961	0	%100
66	M69A	Z	0	0	0	%100
67	M71B	X	-1.222	-1.222	0	%100
68	M71B	Z	0	0	0	%100
69	M72A	X	-.928	-.928	0	%100
70	M72A	Z	0	0	0	%100
71	M74	X	-.961	-.961	0	%100
72	M74	Z	0	0	0	%100
73	M76	X	-.722	-.722	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	-.18	-.18	0	%100
76	M77	Z	0	0	0	%100
77	MP2A	X	-.481	-.481	0	%100
78	MP2A	Z	0	0	0	%100
79	MP3A	X	-.481	-.481	0	%100
80	MP3A	Z	0	0	0	%100
81	MP5C	X	-.481	-.481	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,%]
82	MP5C	Z	0	0	0	%100
83	MP4C	X	-.481	-.481	0	%100
84	MP4C	Z	0	0	0	%100
85	MP1C	X	-.481	-.481	0	%100
86	MP1C	Z	0	0	0	%100
87	MP2C	X	-.481	-.481	0	%100
88	MP2C	Z	0	0	0	%100
89	MP3C	X	-.481	-.481	0	%100
90	MP3C	Z	0	0	0	%100
91	MP5B	X	-.481	-.481	0	%100
92	MP5B	Z	0	0	0	%100
93	MP4B	X	-.481	-.481	0	%100
94	MP4B	Z	0	0	0	%100
95	MP1B	X	-.481	-.481	0	%100
96	MP1B	Z	0	0	0	%100
97	MP2B	X	-.481	-.481	0	%100
98	MP2B	Z	0	0	0	%100
99	MP3B	X	-.481	-.481	0	%100
100	MP3B	Z	0	0	0	%100
101	M94B	X	-.499	-.499	0	%100
102	M94B	Z	0	0	0	%100
103	M95	X	-.000172	-.000172	0	%100
104	M95	Z	0	0	0	%100
105	M100B	X	-.000172	-.000172	0	%100
106	M100B	Z	0	0	0	%100
107	M101B	X	-.5	-.5	0	%100
108	M101B	Z	0	0	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	0	0	0	%100
111	M110	X	-.436	-.436	0	%100
112	M110	Z	0	0	0	%100
113	M111	X	-.436	-.436	0	%100
114	M111	Z	0	0	0	%100
115	M130	X	-.547	-.547	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	0	0	0	%100
119	M132	X	-.547	-.547	0	%100
120	M132	Z	0	0	0	%100
121	M134	X	-.393	-.393	0	%100
122	M134	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	M20	X	-.153	-.153	0	%100
2	M20	Z	-.089	-.089	0	%100
3	M41A	X	-.132	-.132	0	%100
4	M41A	Z	-.076	-.076	0	%100
5	M42_1	X	-.132	-.132	0	%100
6	M42_1	Z	-.076	-.076	0	%100
7	M43A_1	X	-.263	-.263	0	%100
8	M43A_1	Z	-.152	-.152	0	%100
9	M64	X	-.794	-.794	0	%100
10	M64	Z	-.458	-.458	0	%100
11	M65	X	-.268	-.268	0	%100
12	M65	Z	-.155	-.155	0	%100
13	M71	X	-.278	-.278	0	%100
14	M71	Z	-.16	-.16	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,%]
15	M86	X	-.794	-.794	0	%100
16	M86	Z	-.458	-.458	0	%100
17	M87	X	-1.071	-1.071	0	%100
18	M87	Z	-.618	-.618	0	%100
19	M90	X	-1.11	-1.11	0	%100
20	M90	Z	-.641	-.641	0	%100
21	M51A	X	-.528	-.528	0	%100
22	M51A	Z	-.305	-.305	0	%100
23	M52	X	-.528	-.528	0	%100
24	M52	Z	-.305	-.305	0	%100
25	M53A	X	-1.052	-1.052	0	%100
26	M53A	Z	-.607	-.607	0	%100
27	M62	X	0	0	0	%100
28	M62	Z	0	0	0	%100
29	M63	X	-.268	-.268	0	%100
30	M63	Z	-.155	-.155	0	%100
31	M65A	X	-.278	-.278	0	%100
32	M65A	Z	-.16	-.16	0	%100
33	M67	X	0	0	0	%100
34	M67	Z	0	0	0	%100
35	M68A	X	-.268	-.268	0	%100
36	M68A	Z	-.155	-.155	0	%100
37	M70	X	-.278	-.278	0	%100
38	M70	Z	-.16	-.16	0	%100
39	MP5A	X	-.416	-.416	0	%100
40	MP5A	Z	-.24	-.24	0	%100
41	MP4A	X	-.416	-.416	0	%100
42	MP4A	Z	-.24	-.24	0	%100
43	MP1A	X	-.416	-.416	0	%100
44	MP1A	Z	-.24	-.24	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	0	0	0	%100
47	M53	X	-.153	-.153	0	%100
48	M53	Z	-.089	-.089	0	%100
49	M54A	X	-.613	-.613	0	%100
50	M54A	Z	-.354	-.354	0	%100
51	M55A	X	-.132	-.132	0	%100
52	M55A	Z	-.076	-.076	0	%100
53	M56A	X	-.132	-.132	0	%100
54	M56A	Z	-.076	-.076	0	%100
55	M57A	X	-.263	-.263	0	%100
56	M57A	Z	-.152	-.152	0	%100
57	M60A	X	-.134	-.134	0	%100
58	M60A	Z	-.077	-.077	0	%100
59	M61A	X	-.566	-.566	0	%100
60	M61A	Z	-.327	-.327	0	%100
61	M66A	X	-.794	-.794	0	%100
62	M66A	Z	-.458	-.458	0	%100
63	M67A	X	-1.071	-1.071	0	%100
64	M67A	Z	-.618	-.618	0	%100
65	M69A	X	-1.11	-1.11	0	%100
66	M69A	Z	-.641	-.641	0	%100
67	M71B	X	-.794	-.794	0	%100
68	M71B	Z	-.458	-.458	0	%100
69	M72A	X	-.268	-.268	0	%100
70	M72A	Z	-.155	-.155	0	%100
71	M74	X	-.278	-.278	0	%100
72	M74	Z	-.16	-.16	0	%100
73	M76	X	-.469	-.469	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,%]
74	M76	Z	-.271	-.271	0	%100
75	M77	X	-.469	-.469	0	%100
76	M77	Z	-.271	-.271	0	%100
77	MP2A	X	-.416	-.416	0	%100
78	MP2A	Z	-.24	-.24	0	%100
79	MP3A	X	-.416	-.416	0	%100
80	MP3A	Z	-.24	-.24	0	%100
81	MP5C	X	-.416	-.416	0	%100
82	MP5C	Z	-.24	-.24	0	%100
83	MP4C	X	-.416	-.416	0	%100
84	MP4C	Z	-.24	-.24	0	%100
85	MP1C	X	-.416	-.416	0	%100
86	MP1C	Z	-.24	-.24	0	%100
87	MP2C	X	-.416	-.416	0	%100
88	MP2C	Z	-.24	-.24	0	%100
89	MP3C	X	-.416	-.416	0	%100
90	MP3C	Z	-.24	-.24	0	%100
91	MP5B	X	-.416	-.416	0	%100
92	MP5B	Z	-.24	-.24	0	%100
93	MP4B	X	-.416	-.416	0	%100
94	MP4B	Z	-.24	-.24	0	%100
95	MP1B	X	-.416	-.416	0	%100
96	MP1B	Z	-.24	-.24	0	%100
97	MP2B	X	-.416	-.416	0	%100
98	MP2B	Z	-.24	-.24	0	%100
99	MP3B	X	-.416	-.416	0	%100
100	MP3B	Z	-.24	-.24	0	%100
101	M94B	X	-.566	-.566	0	%100
102	M94B	Z	-.327	-.327	0	%100
103	M95	X	-.134	-.134	0	%100
104	M95	Z	-.077	-.077	0	%100
105	M100B	X	-.15	-.15	0	%100
106	M100B	Z	-.086	-.086	0	%100
107	M101B	X	-.15	-.15	0	%100
108	M101B	Z	-.086	-.086	0	%100
109	M106	X	-.126	-.126	0	%100
110	M106	Z	-.073	-.073	0	%100
111	M110	X	-.126	-.126	0	%100
112	M110	Z	-.073	-.073	0	%100
113	M111	X	-.504	-.504	0	%100
114	M111	Z	-.291	-.291	0	%100
115	M130	X	-.158	-.158	0	%100
116	M130	Z	-.091	-.091	0	%100
117	M131	X	-.158	-.158	0	%100
118	M131	Z	-.091	-.091	0	%100
119	M132	X	-.632	-.632	0	%100
120	M132	Z	-.365	-.365	0	%100
121	M134	X	-.34	-.34	0	%100
122	M134	Z	-.197	-.197	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,%]
1	M20	X	-.266	-.266	0	%100
2	M20	Z	-.46	-.46	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	0	0	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	0	0	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,%]
7	M43A 1	X	0	0	0	%100
8	M43A 1	Z	0	0	0	%100
9	M64	X	-.611	-.611	0	%100
10	M64	Z	-1.058	-1.058	0	%100
11	M65	X	-.464	-.464	0	%100
12	M65	Z	-.803	-.803	0	%100
13	M71	X	-.481	-.481	0	%100
14	M71	Z	-.833	-.833	0	%100
15	M86	X	-.611	-.611	0	%100
16	M86	Z	-1.058	-1.058	0	%100
17	M87	X	-.464	-.464	0	%100
18	M87	Z	-.803	-.803	0	%100
19	M90	X	-.481	-.481	0	%100
20	M90	Z	-.833	-.833	0	%100
21	M51A	X	-.229	-.229	0	%100
22	M51A	Z	-.396	-.396	0	%100
23	M52	X	-.229	-.229	0	%100
24	M52	Z	-.396	-.396	0	%100
25	M53A	X	-.455	-.455	0	%100
26	M53A	Z	-.789	-.789	0	%100
27	M62	X	-.153	-.153	0	%100
28	M62	Z	-.265	-.265	0	%100
29	M63	X	0	0	0	%100
30	M63	Z	0	0	0	%100
31	M65A	X	0	0	0	%100
32	M65A	Z	0	0	0	%100
33	M67	X	-.153	-.153	0	%100
34	M67	Z	-.265	-.265	0	%100
35	M68A	X	-.464	-.464	0	%100
36	M68A	Z	-.803	-.803	0	%100
37	M70	X	-.481	-.481	0	%100
38	M70	Z	-.833	-.833	0	%100
39	MP5A	X	-.24	-.24	0	%100
40	MP5A	Z	-.416	-.416	0	%100
41	MP4A	X	-.24	-.24	0	%100
42	MP4A	Z	-.416	-.416	0	%100
43	MP1A	X	-.24	-.24	0	%100
44	MP1A	Z	-.416	-.416	0	%100
45	M109A	X	-.09	-.09	0	%100
46	M109A	Z	-.156	-.156	0	%100
47	M53	X	0	0	0	%100
48	M53	Z	0	0	0	%100
49	M54A	X	-.266	-.266	0	%100
50	M54A	Z	-.46	-.46	0	%100
51	M55A	X	-.229	-.229	0	%100
52	M55A	Z	-.396	-.396	0	%100
53	M56A	X	-.229	-.229	0	%100
54	M56A	Z	-.396	-.396	0	%100
55	M57A	X	-.455	-.455	0	%100
56	M57A	Z	-.789	-.789	0	%100
57	M60A	X	-8.6e-5	-8.6e-5	0	%100
58	M60A	Z	-.000149	-.000149	0	%100
59	M61A	X	-.25	-.25	0	%100
60	M61A	Z	-.433	-.433	0	%100
61	M66A	X	-.153	-.153	0	%100
62	M66A	Z	-.265	-.265	0	%100
63	M67A	X	-.464	-.464	0	%100
64	M67A	Z	-.803	-.803	0	%100
65	M69A	X	-.481	-.481	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,%]
66	M69A	Z	-.833	-.833	0	%100
67	M71B	X	-.153	-.153	0	%100
68	M71B	Z	-.265	-.265	0	%100
69	M72A	X	0	0	0	%100
70	M72A	Z	0	0	0	%100
71	M74	X	0	0	0	%100
72	M74	Z	0	0	0	%100
73	M76	X	-.09	-.09	0	%100
74	M76	Z	-.156	-.156	0	%100
75	M77	X	-.361	-.361	0	%100
76	M77	Z	-.625	-.625	0	%100
77	MP2A	X	-.24	-.24	0	%100
78	MP2A	Z	-.416	-.416	0	%100
79	MP3A	X	-.24	-.24	0	%100
80	MP3A	Z	-.416	-.416	0	%100
81	MP5C	X	-.24	-.24	0	%100
82	MP5C	Z	-.416	-.416	0	%100
83	MP4C	X	-.24	-.24	0	%100
84	MP4C	Z	-.416	-.416	0	%100
85	MP1C	X	-.24	-.24	0	%100
86	MP1C	Z	-.416	-.416	0	%100
87	MP2C	X	-.24	-.24	0	%100
88	MP2C	Z	-.416	-.416	0	%100
89	MP3C	X	-.24	-.24	0	%100
90	MP3C	Z	-.416	-.416	0	%100
91	MP5B	X	-.24	-.24	0	%100
92	MP5B	Z	-.416	-.416	0	%100
93	MP4B	X	-.24	-.24	0	%100
94	MP4B	Z	-.416	-.416	0	%100
95	MP1B	X	-.24	-.24	0	%100
96	MP1B	Z	-.416	-.416	0	%100
97	MP2B	X	-.24	-.24	0	%100
98	MP2B	Z	-.416	-.416	0	%100
99	MP3B	X	-.24	-.24	0	%100
100	MP3B	Z	-.416	-.416	0	%100
101	M94B	X	-.241	-.241	0	%100
102	M94B	Z	-.417	-.417	0	%100
103	M95	X	-.241	-.241	0	%100
104	M95	Z	-.417	-.417	0	%100
105	M100B	X	-.25	-.25	0	%100
106	M100B	Z	-.433	-.433	0	%100
107	M101B	X	-8.6e-5	-8.6e-5	0	%100
108	M101B	Z	-.000149	-.000149	0	%100
109	M106	X	-.218	-.218	0	%100
110	M106	Z	-.378	-.378	0	%100
111	M110	X	0	0	0	%100
112	M110	Z	0	0	0	%100
113	M111	X	-.218	-.218	0	%100
114	M111	Z	-.378	-.378	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	-.274	-.274	0	%100
118	M131	Z	-.474	-.474	0	%100
119	M132	X	-.274	-.274	0	%100
120	M132	Z	-.474	-.474	0	%100
121	M134	X	-.197	-.197	0	%100
122	M134	Z	-.34	-.34	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	M60A	Y	-2.163	-4.783	0	.772
2	M60A	Y	-4.783	-6.321	.772	1.543
3	M60A	Y	-6.321	-7.852	1.543	2.315
4	M60A	Y	-7.852	-7.47	2.315	3.086
5	M60A	Y	-7.47	-4.098	3.086	3.858
6	M61A	Y	-4.07	-7.379	0	.772
7	M61A	Y	-7.379	-7.688	.772	1.544
8	M61A	Y	-7.688	-5.973	1.544	2.315
9	M61A	Y	-5.973	-4.524	2.315	3.087
10	M61A	Y	-4.524	-2.369	3.087	3.859
11	M100B	Y	-2.165	-4.785	0	.772
12	M100B	Y	-4.785	-6.325	.772	1.543
13	M100B	Y	-6.325	-7.855	1.543	2.315
14	M100B	Y	-7.855	-7.467	2.315	3.086
15	M100B	Y	-7.467	-4.089	3.086	3.858
16	M101B	Y	-4.069	-7.379	0	.772
17	M101B	Y	-7.379	-7.688	.772	1.544
18	M101B	Y	-7.688	-5.972	1.544	2.315
19	M101B	Y	-5.972	-4.523	2.315	3.087
20	M101B	Y	-4.523	-2.365	3.087	3.859
21	M94B	Y	-2.165	-4.785	0	.772
22	M94B	Y	-4.785	-6.325	.772	1.543
23	M94B	Y	-6.325	-7.855	1.543	2.315
24	M94B	Y	-7.855	-7.467	2.315	3.086
25	M94B	Y	-7.467	-4.089	3.086	3.858
26	M95	Y	-4.069	-7.379	0	.772
27	M95	Y	-7.379	-7.688	.772	1.544
28	M95	Y	-7.688	-5.972	1.544	2.315
29	M95	Y	-5.972	-4.523	2.315	3.087
30	M95	Y	-4.523	-2.365	3.087	3.859

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	M60A	Y	-5.271	-11.657	0	.772
2	M60A	Y	-11.657	-15.404	.772	1.543
3	M60A	Y	-15.404	-19.136	1.543	2.315
4	M60A	Y	-19.136	-18.205	2.315	3.086
5	M60A	Y	-18.205	-9.987	3.086	3.858
6	M61A	Y	-9.918	-17.982	0	.772
7	M61A	Y	-17.982	-18.737	.772	1.544
8	M61A	Y	-18.737	-14.556	1.544	2.315
9	M61A	Y	-14.556	-11.026	2.315	3.087
10	M61A	Y	-11.026	-5.773	3.087	3.859
11	M100B	Y	-5.277	-11.662	0	.772
12	M100B	Y	-11.662	-15.414	.772	1.543
13	M100B	Y	-15.414	-19.145	1.543	2.315
14	M100B	Y	-19.145	-18.198	2.315	3.086
15	M100B	Y	-18.198	-9.965	3.086	3.858
16	M101B	Y	-9.917	-17.984	0	.772
17	M101B	Y	-17.984	-18.737	.772	1.544
18	M101B	Y	-18.737	-14.555	1.544	2.315
19	M101B	Y	-14.555	-11.022	2.315	3.087
20	M101B	Y	-11.022	-5.763	3.087	3.859
21	M94B	Y	-5.277	-11.662	0	.772
22	M94B	Y	-11.662	-15.414	.772	1.543
23	M94B	Y	-15.414	-19.145	1.543	2.315
24	M94B	Y	-19.145	-18.198	2.315	3.086
25	M94B	Y	-18.198	-9.965	3.086	3.858

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
26	M95	Y	-9.917	-17.984	0	.772
27	M95	Y	-17.984	-18.737	.772	1.544
28	M95	Y	-18.737	-14.555	1.544	2.315
29	M95	Y	-14.555	-11.022	2.315	3.087
30	M95	Y	-11.022	-5.763	3.087	3.859

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	M60A	Y	-.084	-.186	0	.772
2	M60A	Y	-.186	-.246	.772	1.543
3	M60A	Y	-.246	-.305	1.543	2.315
4	M60A	Y	-.305	-.29	2.315	3.086
5	M60A	Y	-.29	-.159	3.086	3.858
6	M61A	Y	-.158	-.287	0	.772
7	M61A	Y	-.287	-.299	.772	1.544
8	M61A	Y	-.299	-.232	1.544	2.315
9	M61A	Y	-.232	-.176	2.315	3.087
10	M61A	Y	-.176	-.092	3.087	3.859
11	M100B	Y	-.084	-.186	0	.772
12	M100B	Y	-.186	-.246	.772	1.543
13	M100B	Y	-.246	-.305	1.543	2.315
14	M100B	Y	-.305	-.29	2.315	3.086
15	M100B	Y	-.29	-.159	3.086	3.858
16	M101B	Y	-.158	-.287	0	.772
17	M101B	Y	-.287	-.299	.772	1.544
18	M101B	Y	-.299	-.232	1.544	2.315
19	M101B	Y	-.232	-.176	2.315	3.087
20	M101B	Y	-.176	-.092	3.087	3.859
21	M94B	Y	-.084	-.186	0	.772
22	M94B	Y	-.186	-.246	.772	1.543
23	M94B	Y	-.246	-.305	1.543	2.315
24	M94B	Y	-.305	-.29	2.315	3.086
25	M94B	Y	-.29	-.159	3.086	3.858
26	M95	Y	-.158	-.287	0	.772
27	M95	Y	-.287	-.299	.772	1.544
28	M95	Y	-.299	-.232	1.544	2.315
29	M95	Y	-.232	-.176	2.315	3.087
30	M95	Y	-.176	-.092	3.087	3.859

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	M60A	Z	-.21	-.465	0	.772
2	M60A	Z	-.465	-.614	.772	1.543
3	M60A	Z	-.614	-.763	1.543	2.315
4	M60A	Z	-.763	-.725	2.315	3.086
5	M60A	Z	-.725	-.398	3.086	3.858
6	M61A	Z	-.395	-.717	0	.772
7	M61A	Z	-.717	-.747	.772	1.544
8	M61A	Z	-.747	-.58	1.544	2.315
9	M61A	Z	-.58	-.439	2.315	3.087
10	M61A	Z	-.439	-.23	3.087	3.859
11	M100B	Z	-.21	-.465	0	.772
12	M100B	Z	-.465	-.614	.772	1.543
13	M100B	Z	-.614	-.763	1.543	2.315
14	M100B	Z	-.763	-.725	2.315	3.086
15	M100B	Z	-.725	-.397	3.086	3.858
16	M101B	Z	-.395	-.717	0	.772
17	M101B	Z	-.717	-.747	.772	1.544

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
18	M101B	Z	-.747	-.58	1.544	2.315
19	M101B	Z	-.58	-.439	2.315	3.087
20	M101B	Z	-.439	-.23	3.087	3.859
21	M94B	Z	-.21	-.465	0	.772
22	M94B	Z	-.465	-.614	.772	1.543
23	M94B	Z	-.614	-.763	1.543	2.315
24	M94B	Z	-.763	-.725	2.315	3.086
25	M94B	Z	-.725	-.397	3.086	3.858
26	M95	Z	-.395	-.717	0	.772
27	M95	Z	-.717	-.747	.772	1.544
28	M95	Z	-.747	-.58	1.544	2.315
29	M95	Z	-.58	-.439	2.315	3.087
30	M95	Z	-.439	-.23	3.087	3.859

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	M60A	X	.21	.465	0	.772
2	M60A	X	.465	.614	.772	1.543
3	M60A	X	.614	.763	1.543	2.315
4	M60A	X	.763	.725	2.315	3.086
5	M60A	X	.725	.398	3.086	3.858
6	M61A	X	.395	.717	0	.772
7	M61A	X	.717	.747	.772	1.544
8	M61A	X	.747	.58	1.544	2.315
9	M61A	X	.58	.439	2.315	3.087
10	M61A	X	.439	.23	3.087	3.859
11	M100B	X	.21	.465	0	.772
12	M100B	X	.465	.614	.772	1.543
13	M100B	X	.614	.763	1.543	2.315
14	M100B	X	.763	.725	2.315	3.086
15	M100B	X	.725	.397	3.086	3.858
16	M101B	X	.395	.717	0	.772
17	M101B	X	.717	.747	.772	1.544
18	M101B	X	.747	.58	1.544	2.315
19	M101B	X	.58	.439	2.315	3.087
20	M101B	X	.439	.23	3.087	3.859
21	M94B	X	.21	.465	0	.772
22	M94B	X	.465	.614	.772	1.543
23	M94B	X	.614	.763	1.543	2.315
24	M94B	X	.763	.725	2.315	3.086
25	M94B	X	.725	.397	3.086	3.858
26	M95	X	.395	.717	0	.772
27	M95	X	.717	.747	.772	1.544
28	M95	X	.747	.58	1.544	2.315
29	M95	X	.58	.439	2.315	3.087
30	M95	X	.439	.23	3.087	3.859

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N76	N77	N161A	N160A	Y	Two Way	-.005
2	N33	N32	N164A	N165A	Y	Two Way	-.005
3	N7	N6	N156A	N157A	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N76	N77	N161A	N160A	Y	Two Way	-.013

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
2	N33	N32	N164A	N165A	Y	Two Way	-.013
3	N7	N6	N156A	N157A	Y	Two Way	-.013

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N76	N77	N161A	N160A	Y	Two Way	-.000202
2	N33	N32	N164A	N165A	Y	Two Way	-.000202
3	N7	N6	N156A	N157A	Y	Two Way	-.000202

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N76	N77	N161A	N160A	Z	Two Way	-.000505
2	N33	N32	N164A	N165A	Z	Two Way	-.000505
3	N7	N6	N156A	N157A	Z	Two Way	-.000505

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N76	N77	N161A	N160A	X	Two Way	.000505
2	N33	N32	N164A	N165A	X	Two Way	.000505
3	N7	N6	N156A	N157A	X	Two Way	.000505

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	N68	max	1951.532	11	3110.468	17	1156.855	11	0	11	.944	8	5.525	17
2		min	-1663.874	5	420.182	11	-986.428	5	-3.038	17	-.937	2	.134	11
3	N99	max	921.725	10	3458.329	13	2012.083	1	6.928	13	1.298	4	.02	2
4		min	-917.206	4	446.182	7	-2346.625	7	.151	7	-1.296	10	-.251	21
5	N100	max	1673.076	9	3294.765	21	1257.298	2	-.256	3	1.005	12	-.185	3
6		min	-1965.053	3	464.32	3	-1092.515	8	-3.494	21	-1.003	6	-5.776	21
7	Totals:	max	4438.434	10	9312.168	13	4262.571	1						
8		min	-4438.431	4	2244.745	70	-4262.576	7						

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
1	M20	PIPE 3.0	.170	8.073	18	.068	8.203		18	28250.584	65205	5.749	5.749	2...	H1-1b
2	M41A	HSS4X4X4	.241	2.406	22	.056	2.406	y	21	136177.8...	139518	16.181	16.181	1...	H1-1b
3	M42_1	HSS4X4X4	.231	0	20	.062	0	y	21	136177.8...	139518	16.181	16.181	1...	H1-1b
4	M43A_1	PL1/2X6	.077	.547	10	.127	1.094	y	23	62895.024	97200	1.012	12.15	1...	H1-1b
5	M64	PL3/8X6	.146	0	6	.146	0	y	16	71260.778	72900	.57	9.113	1...	H1-1b
6	M65	PL3/8X6	.093	0	1	.148	0	y	20	71601.728	72900	.57	9.113	1...	H1-1b
7	M71	PL1/2X6	.032	.125	10	.119	0	y	35	96648.928	97200	1.012	12.15	1...	H1-1b
8	M86	PL3/8X6	.190	0	1	.278	0	y	14	71260.778	72900	.57	9.113	1...	H1-1b
9	M87	PL3/8X6	.102	0	6	.151	0	y	22	71601.728	72900	.57	9.113	1...	H1-1b
10	M90	PL1/2X6	.031	.125	9	.079	.125	y	36	96648.928	97200	1.012	12.15	1...	H1-1b
11	M51A	HSS4X4X4	.226	2.406	18	.052	2.406	y	16	136177.8...	139518	16.181	16.181	1...	H1-1b
12	M52	HSS4X4X4	.219	0	16	.059	0	y	17	136177.8...	139518	16.181	16.181	1...	H1-1b
13	M53A	PL1/2X6	.075	.547	6	.117	1.094	y	19	62895.024	97200	1.012	12.15	1...	H1-1b
14	M62	PL3/8X6	.149	0	2	.137	0	y	24	71260.778	72900	.57	9.113	1...	H1-1b
15	M63	PL3/8X6	.084	0	8	.140	0	y	16	71601.728	72900	.57	9.113	2...	H1-1b
16	M65A	PL1/2X6	.032	.125	12	.071	0	y	7	96648.928	97200	1.012	12.15	1...	H1-1b
17	M67	PL3/8X6	.147	0	8	.279	0	y	22	71260.778	72900	.57	9.113	2...	H1-1b
18	M68A	PL3/8X6	.085	.167	11	.142	0	y	17	71601.728	72900	.57	9.113	1...	H1-1b
19	M70	PL1/2X6	.032	.125	4	.079	.125	y	8	96648.928	97200	1.012	12.15	1...	H1-1b
20	MP5A	PIPE 2.0	.253	4.5	18	.083	2.063		7	20866.732	32130	1.872	1.872	2...	H1-1b

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

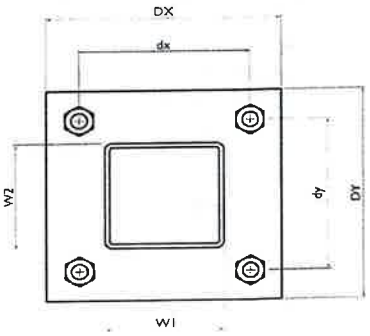
	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
21	MP4A	PIPE 2.0	.344	4.5	17	.076	2.063		19	20866.733	32130	1.872	1.872	2....	H1-1b
22	MP1A	PIPE 2.0	.318	3.313	21	.104	.875		8	20866.733	32130	1.872	1.872	1....	H1-1b
23	M109A	HSS4X4X4	.390	0	17	.091	0	y	16	124317.4...	139518	16.181	16.181	3....	H1-1b
24	M53	PIPE 3.0	.179	4.427	14	.070	4.297		14	28250.584	65205	5.749	5.749	2....	H1-1b
25	M54A	PIPE 3.0	.179	4.427	22	.074	4.297		22	28250.584	65205	5.749	5.749	2....	H1-1b
26	M55A	HSS4X4X4	.233	2.406	14	.053	2.406	y	24	136177.8...	139518	16.181	16.181	1....	H1-1b
27	M56A	HSS4X4X4	.229	0	24	.063	0	y	13	136177.8...	139518	16.181	16.181	1....	H1-1b
28	M57A	PL1/2X6	.074	.547	2	.126	1.094	y	15	62895.024	97200	1.012	12.15	1....	H1-1b
29	M60A	L2x2x3	.131	0	2	.018	0	y	17	11099.611	23392.8	.558	1.1	1....	H2-1
30	M61A	L2x2x3	.134	0	12	.014	0	y	22	11093.72	23392.8	.558	1.101	1....	H2-1
31	M66A	PL3/8X6	.170	0	10	.133	0	y	20	71260.778	72900	.57	9.113	1....	H1-1b
32	M67A	PL3/8X6	.097	0	5	.147	0	y	24	71601.728	72900	.57	9.113	1....	H1-1b
33	M69A	PL1/2X6	.032	.125	8	.070	0	y	3	96648.928	97200	1.012	12.15	1....	H1-1b
34	M71B	PL3/8X6	.151	0	5	.283	0	y	18	71260.778	72900	.57	9.113	1....	H1-1b
35	M72A	PL3/8X6	.084	.167	7	.145	0	y	13	71601.728	72900	.57	9.113	1....	H1-1b
36	M74	PL1/2X6	.031	.125	12	.080	.125	y	16	96648.928	97200	1.012	12.15	1....	H1-1b
37	M76	HSS4X4X4	.429	0	13	.107	0	y	24	124317.4...	139518	16.181	16.181	3....	H1-1b
38	M77	HSS4X4X4	.420	0	21	.096	0	y	20	124317.4...	139518	16.181	16.181	3....	H1-1b
39	MP2A	PIPE 2.0	.327	3.313	22	.075	.938		8	20866.733	32130	1.872	1.872	1....	H1-1b
40	MP3A	PIPE 2.0	.246	5.5	4	.055	5.5		11	14916.096	32130	1.872	1.872	3....	H1-1b
41	MP5C	PIPE 2.0	.261	4.5	14	.078	2.063		3	20866.732	32130	1.872	1.872	2....	H1-1b
42	MP4C	PIPE 2.0	.362	4.5	13	.075	2.063		15	20866.733	32130	1.872	1.872	2....	H1-1b
43	MP1C	PIPE 2.0	.330	3.313	17	.107	.938		5	20866.733	32130	1.872	1.872	1....	H1-1b
44	MP2C	PIPE 2.0	.333	3.313	17	.072	.938		16	20866.733	32130	1.872	1.872	2....	H1-1b
45	MP3C	PIPE 2.0	.248	4.5	12	.058	4.5		6	14916.096	32130	1.872	1.872	1....	H1-1b
46	MP5B	PIPE 2.0	.281	4.5	22	.077	2.063		11	20866.732	32130	1.872	1.872	1....	H1-1b
47	MP4B	PIPE 2.0	.369	4.5	21	.080	2.063		23	20866.733	32130	1.872	1.872	1....	H1-1b
48	MP1B	PIPE 2.0	.333	3.313	13	.100	.938		12	20866.733	32130	1.872	1.872	1....	H1-1b
49	MP2B	PIPE 2.0	.349	3.313	13	.082	.938		12	20866.733	32130	1.872	1.872	1....	H1-1b
50	MP3B	PIPE 2.0	.257	4.5	8	.058	4.5		8	14916.096	32130	1.872	1.872	1....	H1-1b
51	M94B	L2x2x3	.141	0	10	.018	0	y	24	11099.612	23392.8	.558	1.1	1....	H2-1
52	M95	L2x2x3	.122	0	8	.015	0	y	17	11093.719	23392.8	.558	1.101	1....	H2-1
53	M100B	L2x2x3	.133	0	6	.017	0	y	20	11099.612	23392.8	.558	1.1	1....	H2-1
54	M101B	L2x2x3	.128	0	4	.014	0	y	14	11093.72	23392.8	.558	1.101	1....	H2-1
55	M106	PIPE 2.5	.151	5.99	17	.065	1.693		8	14558.81	50715	3.596	3.596	1....	H1-1b
56	M110	PIPE 2.5	.163	6.51	13	.062	10.807		4	14558.81	50715	3.596	3.596	1....	H1-1b
57	M111	PIPE 2.5	.165	6.51	21	.065	10.807		12	14558.81	50715	3.596	3.596	1....	H1-1b
58	M130	L3X3X4	.263	2.062	7	.031	.172	y	12	42461.603	46656	1.688	3.756	2....	H2-1
59	M131	L3X3X4	.289	2.062	11	.034	2.062	y	5	42461.603	46656	1.688	3.756	2....	H2-1
60	M132	L3X3X4	.267	2.062	3	.032	0	y	8	42461.603	46656	1.688	3.756	2....	H2-1
61	M134	PIPE 2.0	.007	1	1	.001	1		1	28843.414	32130	1.872	1.872	1	H1-1b

VzW SMART Tool© Vendor

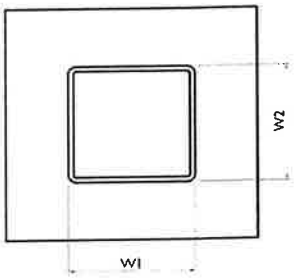
Client:	Verizon Wireless	Date:	7/20/2023
Site Name:	TOLLAND 2 CT		
MDG #:	5000248184		
Fuze ID #:	17123900	Page:	1
			Version 1.01

I. Mount-to-Tower Connection Check

Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	7.0
Required Shear Strength / bolt (kips):	1.0
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	33.6%



Tower Connection Baseplate Checks	Yes
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	8
Plate Height, D_y (in):	8
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.25
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.75
Length of Yield Line, L_y (in):	5.85
Bolt Eccentricity, e (in):	1.65
M_u (kip-in):	11.46
Phi*M_n (kip-in):	26.65
Plate Bending Utilization:	43.0%



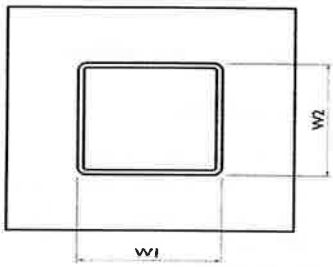
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/20/2023
Site Name:	TOLLAND 2 CT		
MDG #:	5000248184		
Fuze ID #:	17123900	Page:	2

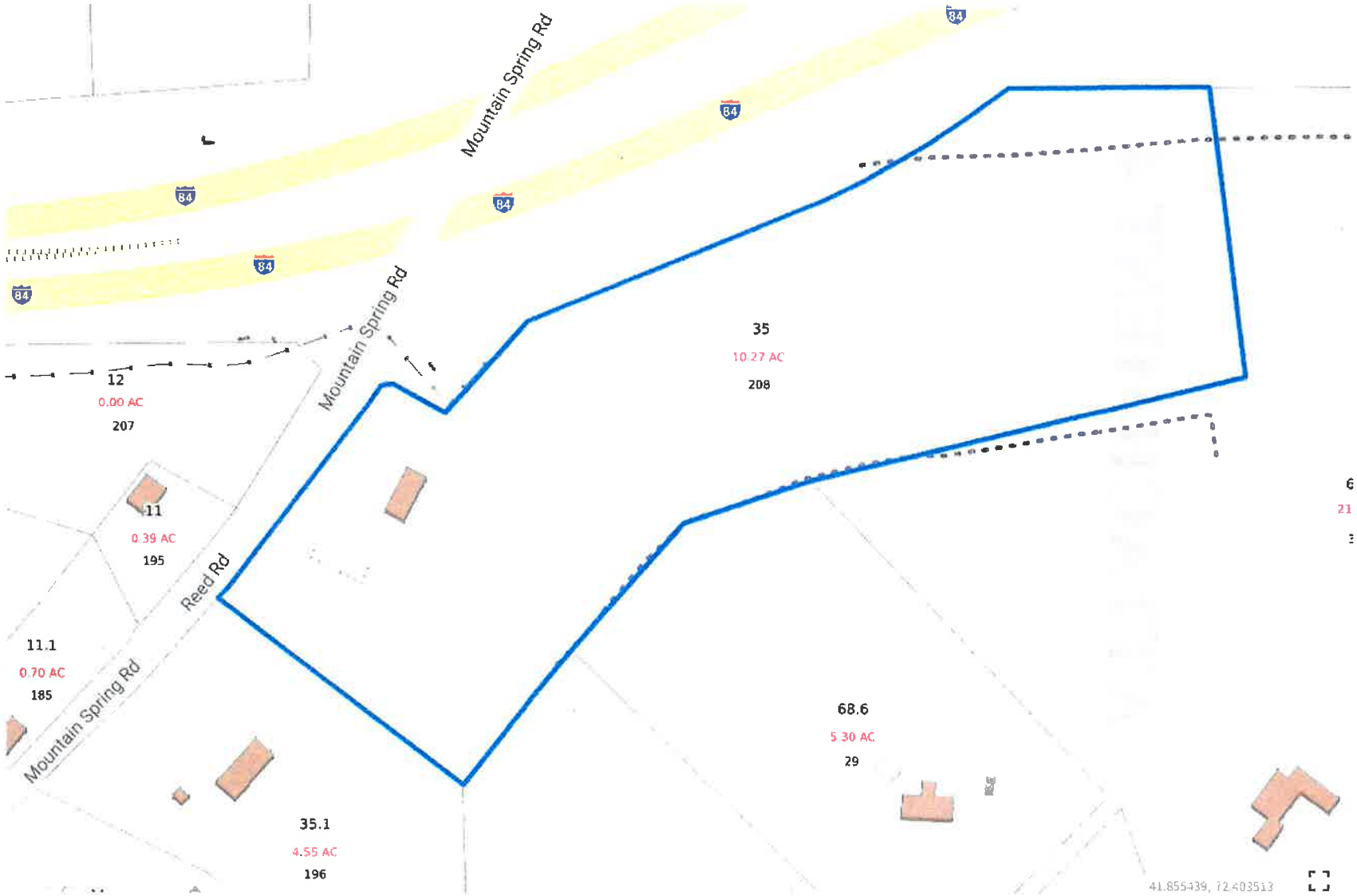
Version 1.01

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):	2.62
Weld Capacity (kip/in):	5.57
Weld Utilization:	47.1%



ATTACHMENT 4



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208 REED ROAD
REED ROAD REALTY LLC
26/D/035

TOLLAND,CT

VISION
GOVERNMENT SOLUTIONS

208 REED ROAD

Sales | Print | Map It

Location	208 REED ROAD	**Mblu**	26/ D/ 35/ /
Acct#	5393	**Owner**	REED ROAD REALTY LLC
Assessment	$347,700	**Appraisal**	$496,600
PID	4326	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2019	$52,800	$443,800	$496,600
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2019	$37,000	$310,700	$347,700

Owner of Record

Owner	REED ROAD REALTY LLC
Co-Owner	
Address	70 SLATER RD TOLLAND, CT 06084

Sale Price	$310,000
Certificate	
Book & Page	0995/0292
Sale Date	10/26/2005
Instrument	00

ATTACHMENT 5

Verizon/Tolland 2

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	3	3	neopost 09/11/2023 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.	Brian Foley, Town Manager Town of Tolland - Hicks Memorial Municipal Center 21 Tolland Green Tolland, CT 06084				
2.	David Corcoran, Director of Planning and Development Town of Tolland - Hicks Memorial Municipal Center 21 Tolland Green Tolland, CT 06084				
3.	Reed Road Realty 70 Slater Road Tolland, CT 06084				
4.					
5.					
6.					

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