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August 7, 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**
5 (a.k.a. 7) Exeter Drive, Sterling, 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. Cellco's facility was approved by the Siting Council ("Council") in February of 2008 (Docket No. 345). A copy of the Council's Docket No. 345 Decision and Order is included in Attachment 1.

Cellco's proposed modification involves the installation of four (4) interference mitigation filters ("Filters") on Cellco's 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 Sterling's Chief Elected Official and Land Use Officer. The Town of Sterling is the owner of the Property.

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

1. The proposed modifications 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:
Lincoln A. Cooper, First Selectman
Melissa Gil, Zoning Enforcement Officer
Kamoya Bautista, Verizon Wireless

ATTACHMENT 1

DOCKET NO. 345 - MCF Communications bg, Inc. and Cellco Partnership d/b/a Verizon Wireless application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility located off Exeter Drive in Sterling, Connecticut.	}	Connecticut Siting Council February 14, 2008

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a telecommunications facility, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate, either alone or cumulatively with other effects, when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to MCF Communications bg, Inc. (MCF) and Cellco Partnership d/b/a Verizon Wireless (Verizon Wireless), hereinafter referred to as the Certificate Holder, for a telecommunications facility at Exeter Drive, Sterling, Connecticut.

The facility shall be constructed, operated, and maintained substantially as specified in the Council's record in this matter, and subject to the following conditions:

1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of Verizon Wireless and other entities, both public and private, but such tower shall not exceed a height of 140 feet above ground level. The height at the top of the Certificate Holder's antennas shall not exceed 140 feet above ground level.

2. Such tower shall incorporate a yield point to eliminate the potential fall radius onto the adjacent property and Exeter Drive.

3. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the Town of Sterling for comment, and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
   a) a final site plan(s) of site development to include specifications for the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line; and
   b) construction plans for site clearing, grading, water drainage, and erosion and sedimentation controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.

4. The Certificate Holder shall, prior to the commencement of operation, provide the Council worst-case modeling of the electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall ensure a recalculated report of the electromagnetic radio frequency power density be submitted to the Council if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.

5. Upon the establishment of any new State or federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.

6. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.

7. The Certificate Holder shall provide reasonable space on the tower for no compensation for any Town of Sterling public safety services (police, fire and medical services), provided such use can be accommodated and is compatible with the structural integrity of the tower.

8. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed and providing wireless services within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline.

9. Any request for extension of the time period referred to in Condition 8 shall be filed with the Council not later than 60 days prior to the expiration date of this Certificate and shall be served on all parties and intervenors, as listed in the service list, and the Town of Sterling. Any proposed modifications to this Decision and Order shall likewise be so served.

10. If the facility ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made.

11. The Certificate Holder shall remove any nonfunctioning antenna, and associated antenna mounting equipment, within 60 days of the date the antenna ceased to function.

12. In accordance with Section 16-50j-77 of the Regulations of Connecticut State Agencies, the Certificate Holder shall provide the Council with written notice two weeks prior to the commencement of site construction activities. In addition, the Certificate Holder shall provide the Council with written notice of the completion of site construction and the commencement of site operation.

Pursuant to General Statutes § 16-50p, the Council hereby directs that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in the Norwich Bulletin and The Hartford Courant.

By this Decision and Order, the Council disposes of the legal rights, duties, and privileges of each party named or admitted to the proceeding in accordance with Section 16-50j-17 of the Regulations of Connecticut State Agencies.

The parties and intervenors to this proceeding are:

Applicant	**Its Representative**
MCF Communications bg, Inc. and Cellco Partnership d/b/a Verizon Wireless	Kenneth C. Baldwin, Esq. Robinson and Cole LLP Hartford, CT 06103-3597 (860) 275-8200 Brad Gannon MCF Communications bg, Inc. 733 Turnpike Street, Suite 105 North Andover, MA 01845 Sandy Carter Regulatory Manager Verizon Wireless 99 East River Drive East Hartford, CT 06108

ATTACHMENT 2

BSF0020F3V1-1

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

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

FEATURES

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

TECHNICAL SPECIFICATIONS

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

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

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

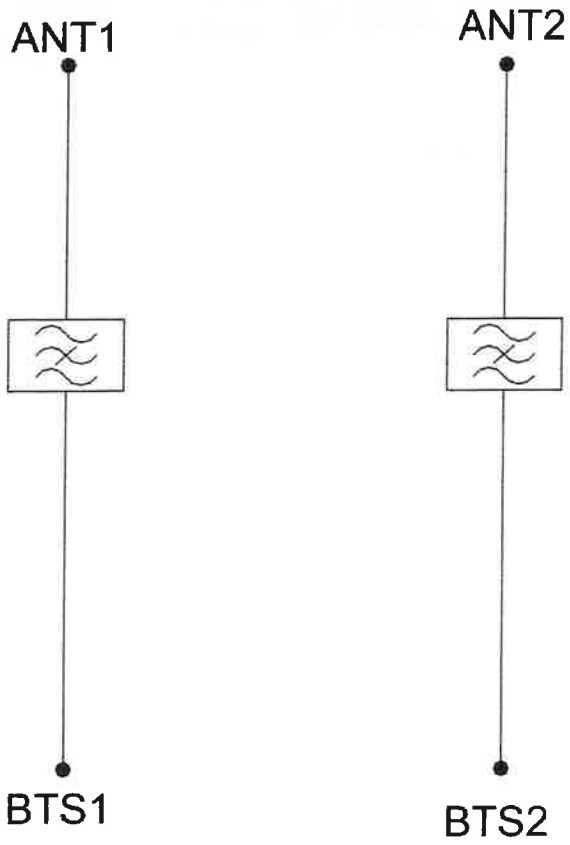
ENVIRONMENTAL	
For further details of environmental compliance, please contact Kaelus.	
Temperature range	-20°C to +60°C | -4°F to +140°F
Ingress protection	IP67
Altitude	2600m | 8530ft
Lightning protection	RF port: ±5kA maximum (8/20us), IEC 61000-4-5 – Unit must be terminated with some lightning protection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

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

ORDERING INFORMATION

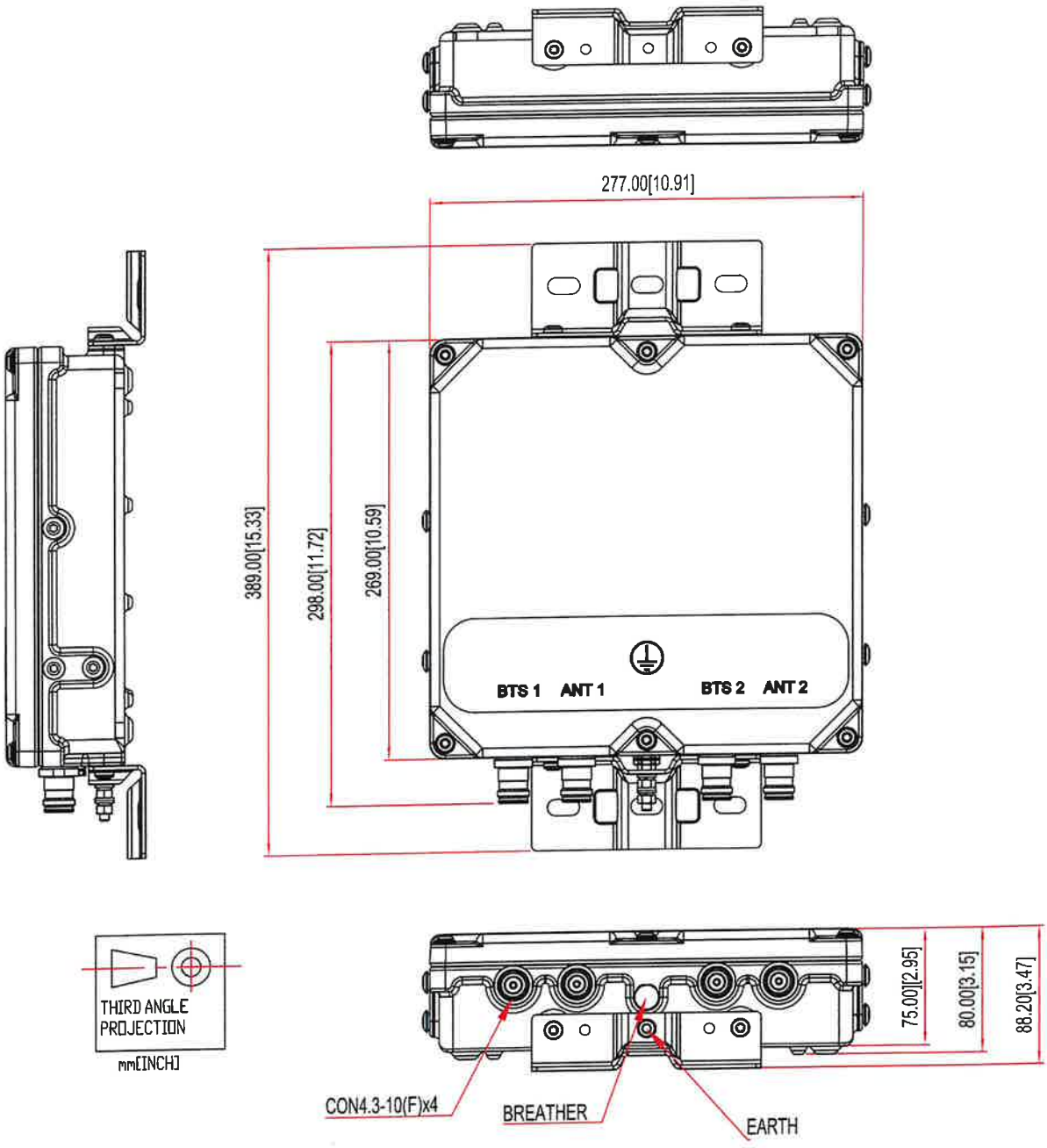
PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	CONNECTORS
BSF0020F3V1	TWIN, 2 in / 2 out	DC/AISG PASS NO BRACKET	4.3-10 (F)
BSF0020F3V1-1	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)
BSF0020F3V1-2	QUAD, 4 in / 4 out	DC/AISG PASS	4.3-10 (F)

ELECTRICAL BLOCK DIAGRAM



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

MECHANICAL BLOCK DIAGRAM



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

ATTACHMENT 3

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

T + 561 995 7670
F + 561 995 7626

sbasite.com

Structural Analysis Report

Client: Verizon

Client Site ID / Name: 5000244753 / Sterling CT
Application #: 232432, v3

SBA Site ID / Name: CT11560-A / Sterling 6 CT

140 ft Monopole

7 Exeter Drive
Sterling, Connecticut 06377
Lat: 41.714047, Long: -71.822736

Project number: CT11560-VZW-071023

Analysis Results

Tower	93.4%	Pass
Foundation	76.0%	Pass

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

Prepared by:

Mojdeh Sadeghzadeh

July 10, 2023

STATE OF CONNECTICUT
JARRYD TIBBETTS
No. 34170
LICENSED
PROFESSIONAL ENGINEER

7/10/23

Table of Contents

Introduction

The purpose of this report is to summarize the analysis results on the 140 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	Fred A. Nudd, Corp. Project No. 308-13078, Dated 03/17/2008.
Foundation drawings	Fred A. Nudd, Corp. Project No. 308-13078, Dated 03/17/2008.
Geotechnical report	Soil parameters obtained from Fred A. Nudd, Corp. Project No. 308-13078, Dated 03/17/2008.
Mount Analysis	Maser Consulting, Project No. 21777642A (Rev. 3), dated 11/09/2021.
Latest SA	TES, Project No.140520, dated 05/01/2023.

Analysis Criteria

Table 2 Code Related Data

Jurisdiction (State/County/City)	Connecticut / Windham / Sterling
Governing Codes	ANSI/TIA/EIA 222-H, 2021 IBC, 2022 Connecticut State Building Code
Ultimate Wind Speed (3-Sec gust)	124.0 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	B
Topographic Category	1
Crest Height	0 ft
Ground Elevation	542.68 ft.
Seismic Parameter S_s	0.187
Seismic Parameter S_1	0.054

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
-	137.0	3	Antel BXA-70063-6CF-2 - Panel	(1) Low Profile Platform w/Mods	(10) 1 5/8" (2) 1 5/8" Hybrid	Verizon
-		6	Andrew - JAHH-65B-R3B - Panel			
-		3	Samsung - MT6407-77A - Panel			
-		3	Samsung B5/B13 RRH-BR04C			
-		3	Samsung B2/B66A RRH-BR049			
-		3	Commscope CBC78T-DS-43-2X			
-		1	Raycap OVP-12			
9	130.0	3	CCI - HPA-65R-BU8AA - Panel	(1) Modified Low Profile Platform (Valmont LWRM) W/ (1) SitePro1 HRK12 (Handrail Kit), (3) 2 1/2" standard (Pipe Masts) & (3) SitePro1 SCX4-K (Crossover Plate Kit)	(12) 1 5/8" (2) 1" DC Power (1) 7/16" Fiber	AT&T
10		3	CCI - DMP65R-BU8DA - Panel			
11		6	Powerwave - 7770.00 - Panel			
12		6	Powerwave LGP21901 - Diplexer			
13		6	Powerwave LGP21401 - TMA			
14		1	Raycap-DC6-48-60-18-8F-OVP			
15		6	Powerwave LGP17201 TMA			
16		3	Ericsson RRUS 8843 B2 B66A			
17		3	Ericsson RRUS 4449 B5/B12			
18	120.0	3	RFS APX16DWV-16DWVS-E-A20 - Panel	(1) Platform w/ Handrails & Kickers [SitePro1 RMQP-4096-HK]	(3) 1.99" Hybrid 6x24	T-Mobile
19		3	RFS APXVAALL24-43-U-NA20 - Panel			
20		3	Ericsson AIR6449 B41 - Panel			
21		3	Ericsson 4460 B25 + B66 - RRU			
22		3	Ericsson 4480 B71 + B85 - RRU			
23	95.0	3	Commscope FFVV-65B-R2 - Panel	(1) Platform w/ Handrails [Commscope MC-PK10-DSH]	(1) 1.6" Hybrid	Dish Wireless
24		3	Fujitsu TA08025-B604 RRU			
25		3	Fujitsu TA08025-B605 RRU			
26		1	Raycap RDIDC-9181-PF-48 OVP			

Note: AT&T loading includes FirstNET equipment

Proposed Loading:

Information pertaining to proposed antennas and transmission lines were based upon the Application #: 232432, v3 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	137.0	3	Antel BXA-70063-6CF-2 - Panel	(1) Low Profile Platform w/Mods	(10) 1 5/8" (2) 1 5/8" Hybrid	Verizon
2		6	Andrew - JAHH-65B-R3B - Panel			
3		3	Samsung - MT6407-77A - Panel			
4		3	Samsung B5/B13 RRH-BR04C			
5		3	Samsung B2/B66A RRH-BR049			
6		3	Commscope CBC78T-DS-43-2X Diplexer			
7		1	Raycap OVP-12- OVP Box			
8		4	Kaelus BSF0020F3V1-1 Fiter			

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:	51.6%	61.0%	93.4%
Pass/Fail	Pass	Pass	Pass

Foundation

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

Table 6 Foundation Analysis Summary

Structural Component	Max Usage (%)	Analysis Result
Foundation	76.0%	Pass

Conclusions

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

Installation Requirements

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

Assumptions and Limitations

Assumptions

This analysis was completed based on the following assumptions:

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

Limitations

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

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

Appendix

Usage Diagram - Max Ratio 51.61% at 25.0ft

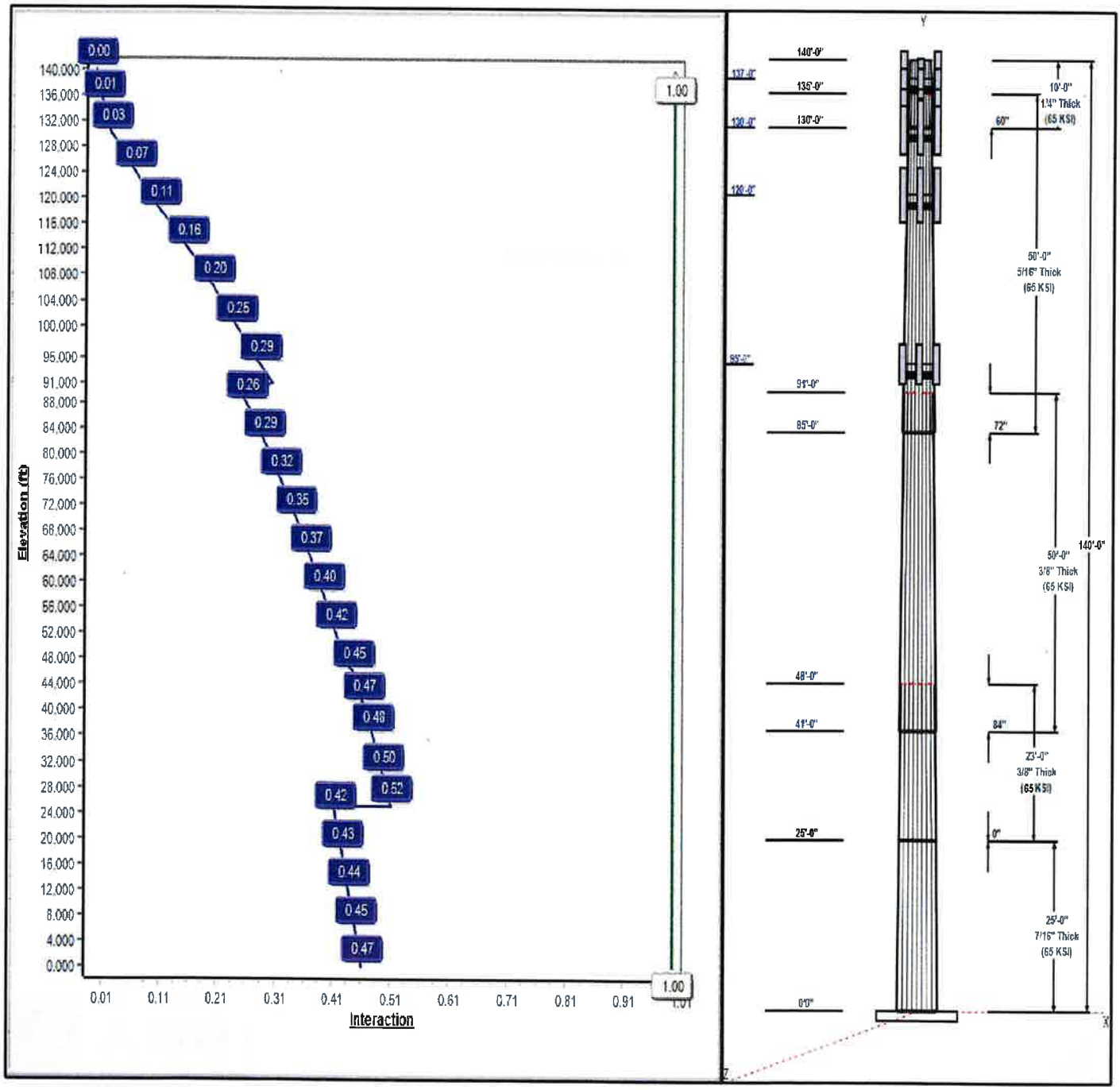
Structure:	CT11560-A	**Code:**	EIA/TIA-222-H	7/10/2023
Site Name:	Sterling 6 CT	**Exposure:**	B	
Height:	140.00 (ft)	**Gh:**	1.1	
Base Elev:	0.000 (ft)			Page: 1

SBA

Dead Load Factor:	1.20
Wind Load Factor:	1.00

Load Case : 1.2D + 1.0W 124 mph Wind

Iterations: 22



Structure: CT11560-A

Type: Tapered
Site Name: Sterling 6 CT
Height: 140.00 (ft)
Base Elev: 0.00 (ft)

Base Shape: 18 Sided
Taper: 0.23518

7/10/2023

Shaft Properties

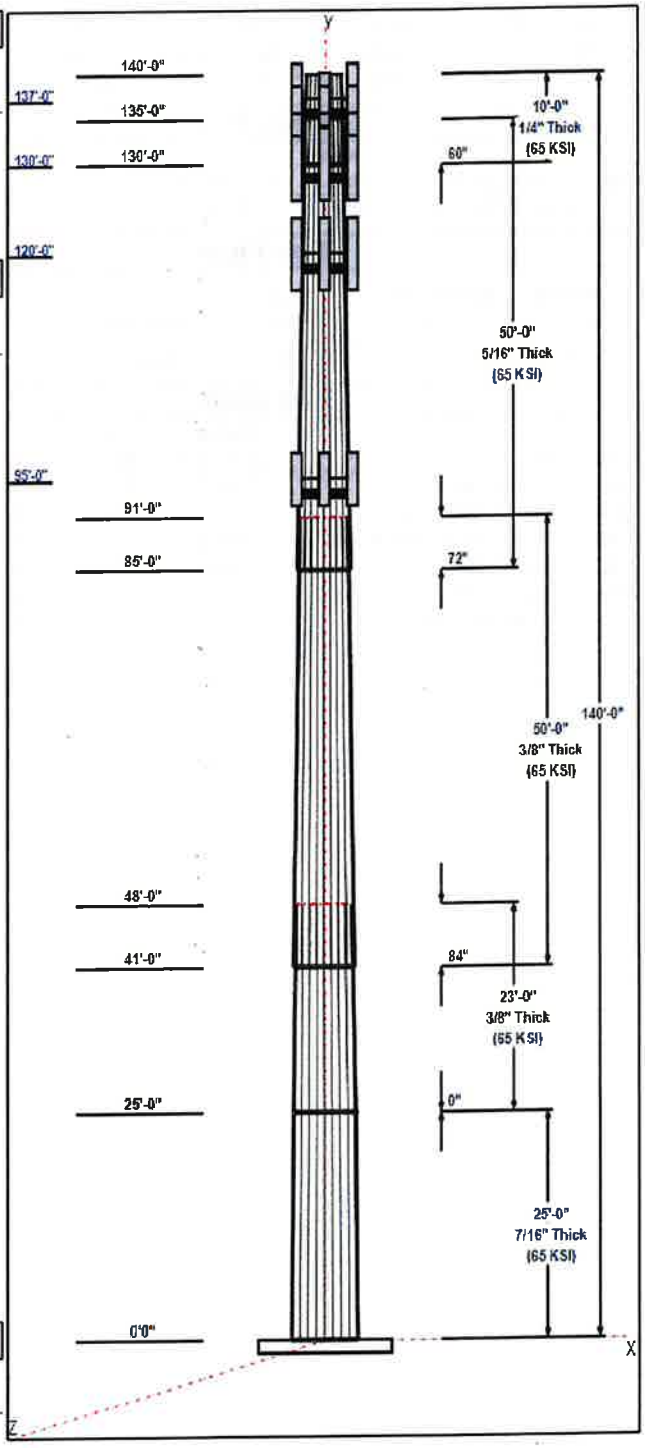
Seq	Length (ft)	Top (in)	Bottom (in)	Thick (in)	Joint Type	Taper	Grade (ksi)
1	25.00	58.62	64.50	0.438		0.23518	65
2	23.00	53.21	58.62	0.375	Butt	0.23518	65
3	50.00	43.85	55.61	0.375	Slip	0.23518	65
4	50.00	34.13	45.88	0.313	Slip	0.23518	65
5	10.00	33.45	35.80	0.250	Slip	0.23518	65

Discrete Appurtenances

Attach Elev (ft)	Force Elev (ft)	Qty	Description	Carrier
137.00	137.00	3	Antel BXA-70063-6CF-2	Verizon
137.00	137.00	6	JAHH-65B-R3B	Verizon
137.00	137.00	3	Samsung B5/B13	Verizon
137.00	137.00	3	Samsung B2/B66A	Verizon
137.00	137.00	1	Low Profile Platform	Verizon
137.00	137.00	1	(3) HR w/ Double V-Brace	Verizon
137.00	137.00	1	(3) Stabilizer Kit (4' FW)	Verizon
137.00	137.00	3	MT6407-77A	Verizon
137.00	137.00	3	Commscope	Verizon
137.00	137.00	1	Raycap OVP-12	Verizon
137.00	137.00	4	Kaelus BSF0020F3V1-1	Verizon
130.00	130.00	6	Powerwave LGP21901 -	AT&T
130.00	130.00	3	15'x2.875"mount pipe	AT&T
130.00	130.00	6	7770.00	AT&T
130.00	130.00	6	Powerwave LGP21401 -	AT&T
130.00	130.00	1	DC6-48-60-18-8F	AT&T
130.00	130.00	1	Low Profile Platform	AT&T
130.00	130.00	3	HPA-65R-BU8AA	AT&T
130.00	130.00	3	DMP65R-BU8DA	AT&T
130.00	130.00	1	HRK12 (Handrail Kit)	AT&T
130.00	130.00	6	LGP17201	AT&T
130.00	130.00	3	RRUS 8843 B2 B66A	AT&T
130.00	130.00	3	RRUS 4449 B5/B12	AT&T
120.00	120.00	1	PRK-1245 (kicker kit)	T-Mobile
120.00	120.00	3	APX16DWV-16DWVS-E-A	T-Mobile
120.00	120.00	3	APXVAA4L24-43-U-NA20	T-Mobile
120.00	120.00	3	AIR6449 B41	T-Mobile
120.00	120.00	1	LP-RMQP-4096-HK Plat	T-Mobile
120.00	120.00	3	4460 B25 + B66	T-Mobile
120.00	120.00	3	4480 B71 + B85	T-Mobile
95.00	95.00	1	MC-PK10-DSH	Dish Wireless
95.00	95.00	3	Commscope	Dish Wireless
95.00	95.00	3	Fujitsu TA08025-B604	Dish Wireless
95.00	95.00	3	Fujitsu TA08025-B605	Dish Wireless
95.00	95.00	1	Raycap	Dish Wireless

Linear Appurtenances

Elev From (ft)	Elev To (ft)	Placement	Description	Carrier
0.00	140.00	Outside	Safety Cable	
0.00	140.00	Outside	Step bolts (ladder)	
0.00	137.00	Inside	1 5/8" Coax	Verizon
0.00	137.00	Inside	1 5/8" Hybrid	Verizon
0.00	130.00	Inside	1 5/8" Coax	AT&T
0.00	130.00	Inside	1" DC Power	AT&T



0.00	130.00	Inside	7/16" Fiber	AT&T
0.00	120.00	Inside	1.99" Hybrid 6x24	T-Mobile
0.00	95.00	Inside	1.6" Hybrid	Dish Wireless

Anchor Bolts

Qty	Specifications	Grade (ksi)	Arrangement
20	2.00" F1554 105	105.0	Radial

Base Plate

Thickness (in)	Specifications (in)	Grade (ksi)	Geometry
2.0000	77.0	50.0	Round

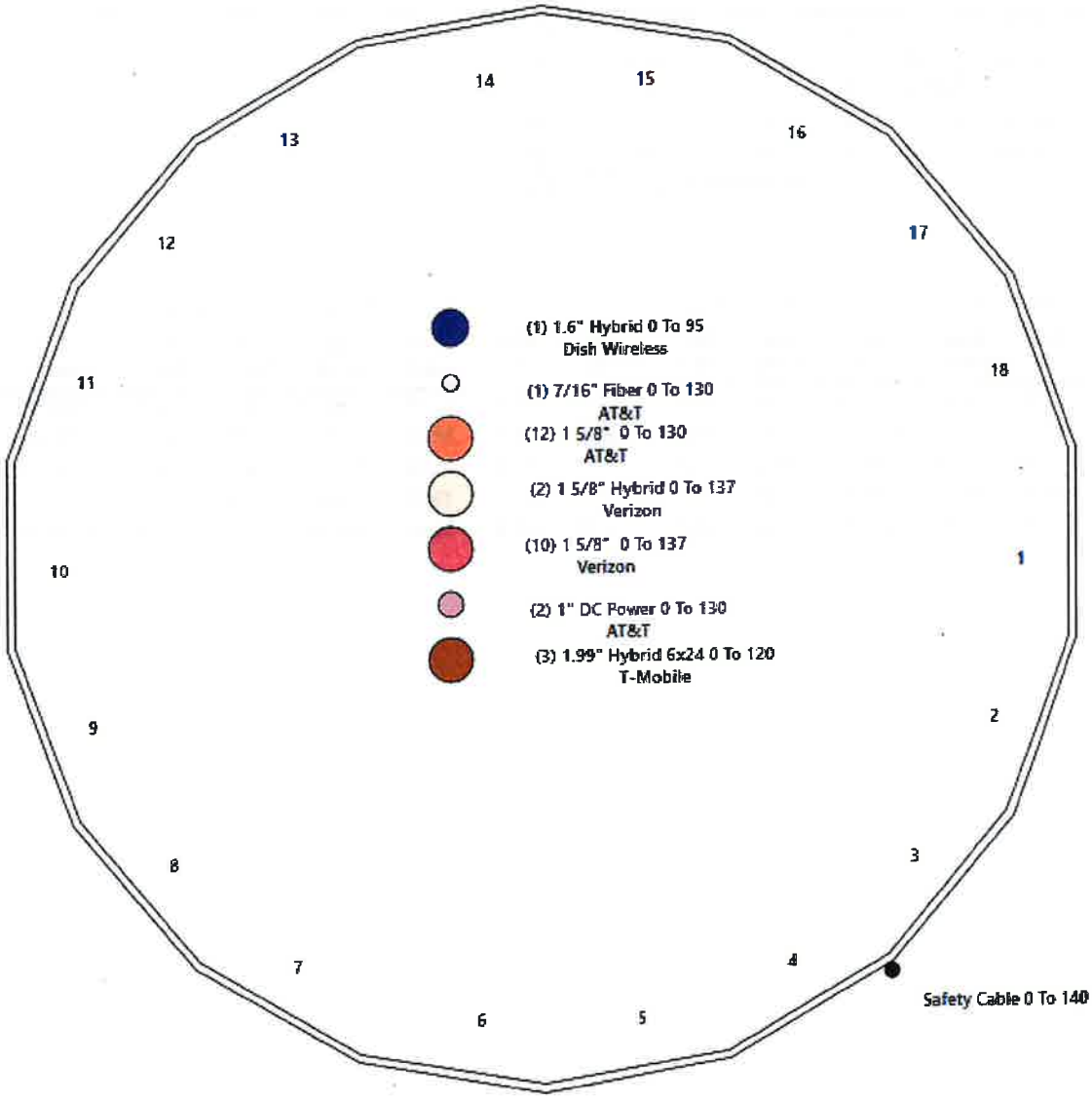
Reactions

Load Case	Moment (FT-Kips)	Shear (Kips)	Axial (Kips)
1.2D + 1.0W 124 mph Wind	3487.5	33.8	58.8
0.9D + 1.0W 124 mph Wind	3463.9	33.8	44.1
1.2D + 1.0Di + 1.0Wi 50 mph Wind	834.0	8.3	77.8
1.2D + 1.0Ev + 1.0Eh	146.2	1.2	60.8
0.9D + 1.0Ev + 1.0Eh	145.5	1.2	46.0
1.0D + 1.0W 60 mph Wind	727.4	7.1	49.0

Structure: CT11560-A - Coax Line Placement

Type: Monopole
Site Name: Sterling 6 CT
Height: 140.00 (ft)

7/10/2023



Shaft Properties

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 5	

Sec. No.	Shape	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Overlap (in)	Weight (lb)
1	18	25.000	0.4375	65		0.00	7,220
2	18	23.000	0.3750	65	Flange	0.00	5,174
3	18	50.000	0.3750	65	Slip	84.00	9,994
4	18	50.000	0.3125	65	Slip	72.00	6,698
5	18	10.000	0.2500	65	Slip	60.00	928
					Total Shaft Weight:		**30,014**

	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	64.50	0.00	88.96	46124.76	24.59	147.43	58.62	25.00	80.79	34555.0	22.22	133.9	0.235179
2	58.62	25.00	69.32	29714.17	26.15	156.32	53.21	48.00	62.89	22180.7	23.61	141.9	0.235179
3	55.61	41.00	65.74	25337.51	24.74	148.29	43.85	91.00	51.74	12355.4	19.21	116.9	0.235179
4	45.88	85.00	45.20	11860.36	24.48	146.83	34.13	135.00	33.54	4844.63	17.84	109.2	0.235179
5	35.80	130.0	28.21	4504.73	23.84	143.21	33.45	140.00	26.34	3668.59	22.18	133.8	0.235179

Load Summary

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 6	

Discrete Appurtenances

No.	Elev (ft)	Description	Qty	No Ice Weight (lb)	No Ice CaAa (sf)	No Ice CaAa Factor	Ice Weight (lb)	Ice CaAa (sf)	Ice CaAa Factor	Hor. Ecc. (ft)	Vert Ecc (ft)
1	137.00	Antel BXA-70063-6CF-2	3	17.00	7.57	0.77	128.25	8.377	0.79	0.00	0.00
2	137.00	JAHH-65B-R3B	6	80.20	12.81	0.83	271.76	13.850	0.84	0.00	0.00
3	137.00	Samsung B5/B13 RRH-BR04C	3	70.30	1.88	0.77	102.11	2.240	0.79	0.00	0.00
4	137.00	Samsung B2/B66A RRH-BR049	3	84.40	1.88	0.83	117.95	2.240	0.83	0.00	0.00
5	137.00	Low Profile Platform	1	1500.00	22.00	1.00	2364.73	33.668	1.00	0.00	0.00
6	137.00	(3) HR w/ Double V-Brace Kits	1	650.00	15.50	1.00	1189.59	26.223	1.00	0.00	0.00
7	137.00	(3) Stabilizer Kit (4' FW)	1	140.00	3.70	1.00	256.22	6.260	1.00	0.00	0.00
8	137.00	MT6407-77A	3	87.10	4.70	0.70	161.21	5.296	0.71	0.00	0.00
9	137.00	Commscope CBC78T-DS-43-2X	3	10.40	0.37	0.88	17.69	0.542	0.90	0.00	0.00
10	137.00	Raycap OVP-12	1	32.00	4.06	0.88	107.35	4.599	0.89	0.00	0.00
11	137.00	Kaelus BSF0020F3V1-1 Fiter	4	17.60	0.96	0.65	33.03	1.222	0.69	0.00	0.00
12	130.00	Powerwave LGP21901 - Diplexer	6	31.00	1.67	0.67	59.49	3.426	0.67	0.00	0.00
13	130.00	15'x2.875"mount pipe	3	87.00	4.31	1.00	174.81	7.849	1.00	0.00	0.00
14	130.00	7770.00	6	27.00	5.51	0.77	109.01	6.185	0.78	0.00	0.00
15	130.00	Powerwave LGP21401 - TMA	6	17.50	0.82	0.71	31.40	1.078	0.75	0.00	0.00
16	130.00	DC6-48-60-18-8F	1	32.80	3.70	0.80	95.93	4.196	0.81	0.00	0.00
17	130.00	Low Profile Platform	1	1500.00	22.00	1.00	2360.21	33.607	1.00	0.00	0.00
18	130.00	HPA-65R-BU8AA	3	54.00	11.23	0.86	218.40	12.329	0.86	0.00	0.00
19	130.00	DMP65R-BU8DA	3	95.70	17.87	0.73	398.03	19.051	0.74	0.00	0.00
20	130.00	HRK12 (Handrail Kit)	1	261.72	10.00	1.00	465.84	16.423	1.00	0.00	0.00
21	130.00	LGP17201	6	10.00	1.67	0.67	35.87	2.009	0.67	0.00	0.00
22	130.00	RRUS 8843 B2 B66A	3	72.00	1.64	0.91	103.51	1.976	0.92	0.00	0.00
23	130.00	RRUS 4449 B5/B12	3	73.00	1.64	0.90	104.11	1.976	0.90	0.00	0.00
24	120.00	PRK-1245 (kicker kit)	1	464.91	9.50	1.00	676.50	15.986	1.00	0.00	0.00
25	120.00	APX16DWV-16DWVS-E-A20	3	40.70	6.46	0.67	133.80	7.166	0.69	0.00	0.00
26	120.00	APXVAA4L24-43-U-NA20	3	122.80	20.24	0.72	376.59	21.465	0.72	0.00	0.00
27	120.00	AIR6449 B41	3	103.00	5.65	0.71	192.40	6.270	0.71	0.00	0.00
28	120.00	LP-RMQP-4096-HK Plat	1	2669.00	51.70	1.00	4491.08	76.641	1.00	0.00	0.00
29	120.00	4460 B25 + B66	3	104.00	2.14	0.89	143.81	2.517	0.90	0.00	0.00
30	120.00	4480 B71 + B85	3	93.00	2.42	0.75	132.70	2.822	0.77	0.00	0.00
31	95.00	MC-PK10-DSH	1	1669.30	46.50	1.00	2708.37	83.714	1.00	0.00	0.00
32	95.00	Commscope FFVV-65B-R2	3	70.80	12.27	0.73	250.83	13.192	0.75	0.00	0.00
33	95.00	Fujitsu TA08025-B604	3	63.90	1.96	0.67	96.15	2.317	0.67	0.00	0.00
34	95.00	Fujitsu TA08025-B605	3	75.00	1.96	0.67	108.31	2.317	0.67	0.00	0.00
35	95.00	Raycap RDIDC-9181-PF-48	1	21.90	2.01	1.00	55.81	2.372	1.00	0.00	0.00
		Totals:	**99**	**13,978.53**			**26,830.84**				

Linear Appurtenances

Bottom Elev. (ft)	Top Elev. (ft)	Description	Exposed Width	Exposed
0.00	140.00	(1) Safety Cable	0.38	Outside
0.00	140.00	(2) Step bolts (ladder)	0.63	Outside
0.00	137.00	(10) 1 5/8" Coax	0.00	Inside
0.00	137.00	(2) 1 5/8" Hybrid	0.00	Inside
0.00	130.00	(12) 1 5/8" Coax	0.00	Inside
0.00	130.00	(2) 1" DC Power	0.00	Inside

Discrete Appurtenances

No.	Elev (ft)	Description	Qty	No Ice Weight (lb)	No Ice CaAa (sf)	No Ice CaAa Factor	Ice Weight (lb)	Ice CaAa (sf)	Ice CaAa Factor	Hor. Ecc. (ft)	Vert Ecc (ft)
0.00	130.00	(1) 7/16" Fiber			0.00	Inside					
0.00	120.00	(3) 1.99" Hybrid 6x24			0.00	Inside					
0.00	95.00	(1) 1.6" Hybrid			0.00	Inside					

Shaft Section Properties

Structure: CT11560-A
Site Name: Sterling 6 CT
Height: 140.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1
Topography: 1

Code: TIA-222-H
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

7/10/2023

Increment Length: 2 (ft)

Elev (ft)	Description	Thick (in)	Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fpy (ksi)	S (in^3)	Weight (lb)
0.00		0.4375	64.500	88.956	46124.8	24.59	147.43	72.5	1408.	0.0
2.00		0.4375	64.030	88.302	45116.2	24.40	146.35	72.7	1387.	603.2
4.00		0.4375	63.559	87.649	44122.5	24.21	145.28	72.9	1367.	598.7
6.00		0.4375	63.089	86.996	43143.5	24.02	144.20	73.2	1346.	594.3
8.00		0.4375	62.619	86.343	42179.1	23.83	143.13	73.4	1326.	589.8
10.00		0.4375	62.148	85.690	41229.1	23.64	142.05	73.6	1306.	585.4
12.00		0.4375	61.678	85.037	40293.6	23.45	140.98	73.8	1286.	580.9
14.00		0.4375	61.208	84.384	39372.2	23.26	139.90	74.0	1267.	576.5
16.00		0.4375	60.737	83.731	38465.1	23.07	138.83	74.3	1247.	572.1
18.00		0.4375	60.267	83.077	37572.0	22.88	137.75	74.5	1227.	567.6
20.00		0.4375	59.796	82.424	36692.8	22.69	136.68	74.7	1208.	563.2
22.00		0.4375	59.326	81.771	35827.4	22.50	135.60	74.9	1189.	558.7
24.00		0.4375	58.856	81.118	34975.8	22.31	134.53	75.2	1170.	554.3
25.00	Top - Section 1	0.4375	58.621	80.792	34555.1	22.22	133.99	75.3	1161.	275.5
25.00	Bot - Section 2	0.3750	58.621	69.324	29714.2	25.92	156.32	70.6	998.4	
26.00		0.3750	58.385	69.044	29355.7	26.04	155.69	70.8	990.3	235.4
28.00		0.3750	57.915	68.485	28647.4	25.82	154.44	71.0	974.3	468.0
30.00		0.3750	57.445	67.925	27950.6	25.60	153.19	71.3	958.3	464.2
32.00		0.3750	56.974	67.365	27265.2	25.38	151.93	71.6	942.6	460.4
34.00		0.3750	56.504	66.805	26591.1	25.16	150.68	71.8	926.9	456.6
36.00		0.3750	56.034	66.245	25928.2	24.94	149.42	72.1	911.4	452.7
38.00		0.3750	55.563	65.685	25276.4	24.72	148.17	72.3	896.0	448.9
40.00		0.3750	55.093	65.126	24635.6	24.49	146.91	72.6	880.7	445.1
41.00	Bot - Section 3	0.3750	54.858	64.846	24319.3	24.38	146.29	72.7	873.2	221.1
42.00		0.3750	54.623	64.566	24005.7	24.27	145.66	72.9	865.6	443.4
44.00		0.3750	54.152	64.006	23386.7	24.05	144.41	73.1	850.6	881.1
46.00		0.3750	53.682	63.446	22778.4	23.83	143.15	73.4	835.8	873.5
48.00	Top - Section 2	0.3750	53.961	63.779	23138.8	23.96	143.90	0.0	0.0	865.8
50.00		0.3750	53.491	63.219	22534.8	23.74	142.64	73.5	829.8	432.1
52.00		0.3750	53.021	62.659	21941.4	23.52	141.39	73.7	815.1	428.3
54.00		0.3750	52.550	62.099	21358.6	23.30	140.13	74.0	800.5	424.5
56.00		0.3750	52.080	61.540	20786.1	23.08	138.88	74.3	786.1	420.7
58.00		0.3750	51.610	60.980	20224.0	22.86	137.63	74.5	771.8	416.9
60.00		0.3750	51.139	60.420	19672.1	22.64	136.37	74.8	757.7	413.1
62.00		0.3750	50.669	59.860	19130.3	22.41	135.12	75.0	743.6	409.3
64.00		0.3750	50.199	59.300	18598.6	22.19	133.86	75.3	729.7	405.5
66.00		0.3750	49.728	58.741	18076.8	21.97	132.61	75.6	716.0	401.7
68.00		0.3750	49.258	58.181	17564.9	21.75	131.35	75.8	702.3	397.9
70.00		0.3750	48.788	57.621	17062.7	21.53	130.10	76.1	688.8	394.0
72.00		0.3750	48.317	57.061	16570.2	21.31	128.85	76.3	675.5	390.2
74.00		0.3750	47.847	56.501	16087.3	21.09	127.59	76.6	662.2	386.4
76.00		0.3750	47.376	55.941	15613.8	20.87	126.34	76.9	649.1	382.6
78.00		0.3750	46.906	55.382	15149.7	20.64	125.08	77.1	636.1	378.8
80.00		0.3750	46.436	54.822	14694.9	20.42	123.83	77.4	623.3	375.0
82.00		0.3750	45.965	54.262	14249.3	20.20	122.57	77.6	610.6	371.2
84.00		0.3750	45.495	53.702	13812.8	19.98	121.32	77.9	598.0	367.4
85.00	Bot - Section 4	0.3750	45.260	53.422	13598.0	19.87	120.69	78.0	591.8	182.3
86.00		0.3750	45.025	53.142	13385.3	19.76	120.07	78.2	585.5	334.7
88.00		0.3750	44.554	52.583	12966.8	19.54	118.81	78.4	573.2	664.2
90.00		0.3750	44.084	52.023	12557.0	19.32	117.56	78.7	561.0	657.2

Increment Length: 2 (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)
91.00	Top - Section 3	0.3125	44.474	43.801	10792.4	23.68	142.32	0.0	0.0	326.0
92.00		0.3125	44.239	43.568	10620.9	23.55	141.56	73.7	472.9	148.6
94.00		0.3125	43.768	43.101	10283.4	23.29	140.06	74.0	462.8	294.9
95.00		0.3125	43.533	42.868	10117.3	23.15	139.31	74.2	457.7	146.3
96.00		0.3125	43.298	42.635	9953.0	23.02	138.55	74.3	452.8	145.5
98.00		0.3125	42.828	42.168	9629.9	22.75	137.05	74.6	442.9	288.6
100.00		0.3125	42.357	41.702	9313.8	22.49	135.54	74.9	433.1	285.4
102.00		0.3125	41.887	41.235	9004.7	22.22	134.04	75.3	423.4	282.2
104.00		0.3125	41.416	40.768	8702.5	21.96	132.53	75.6	413.9	279.0
106.00		0.3125	40.946	40.302	8407.2	21.69	131.03	75.9	404.4	275.9
108.00		0.3125	40.476	39.835	8118.6	21.43	129.52	76.2	395.1	272.7
110.00		0.3125	40.005	39.369	7836.7	21.16	128.02	76.5	385.8	269.5
112.00		0.3125	39.535	38.902	7561.4	20.90	126.51	76.8	376.7	266.3
114.00		0.3125	39.065	38.436	7292.6	20.63	125.01	77.1	367.7	263.2
116.00		0.3125	38.594	37.969	7030.3	20.37	123.50	77.4	358.8	260.0
118.00		0.3125	38.124	37.503	6774.3	20.10	122.00	77.8	350.0	256.8
120.00		0.3125	37.654	37.036	6524.6	19.84	120.49	78.1	341.3	253.6
122.00		0.3125	37.183	36.570	6281.1	19.57	118.99	78.4	332.7	250.5
124.00		0.3125	36.713	36.103	6043.8	19.30	117.48	78.7	324.2	247.3
126.00		0.3125	36.243	35.637	5812.5	19.04	115.98	79.0	315.9	244.1
128.00		0.3125	35.772	35.170	5587.2	18.77	114.47	79.3	307.6	240.9
130.00	Bot - Section 5	0.3125	35.302	34.704	5367.8	18.51	112.97	79.6	299.5	237.8
132.00		0.3125	34.831	34.237	5154.3	18.24	111.46	79.9	291.5	425.3
134.00		0.3125	34.361	33.771	4946.4	17.98	109.96	80.3	283.5	419.6
135.00	Top - Section 4	0.2500	34.626	27.276	4072.4	23.01	138.50	0.0	0.0	207.6
136.00		0.2500	34.391	27.090	3989.4	22.85	137.56	74.5	228.5	92.5
137.00		0.2500	34.156	26.903	3907.5	22.68	136.62	74.7	225.3	91.9
138.00		0.2500	33.920	26.716	3826.7	22.51	135.68	74.9	222.2	91.2
140.00		0.2500	33.450	26.343	3668.6	22.18	133.80	75.3	216.0	180.6
										30014.2

Wind Loading - Shaft

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 10	

Load Case: 1.2D + 1.0W 124 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	0.70	25.667	28.23	560.70	0.730	0.000	0.00	0.000	0.00	0.0	0.0	0.0
2.00		1.00	0.70	25.667	28.23	556.61	0.730	0.000	2.00	10.876	7.94	224.2	0.0	723.8
4.00		1.00	0.70	25.667	28.23	552.52	0.730	0.000	2.00	10.796	7.88	222.5	0.0	718.5
6.00		1.00	0.70	25.667	28.23	548.44	0.730	0.000	2.00	10.717	7.82	220.9	0.0	713.1
8.00		1.00	0.70	25.667	28.23	544.35	0.730	0.000	2.00	10.637	7.77	219.2	0.0	707.8
10.00		1.00	0.70	25.667	28.23	540.26	0.730	0.000	2.00	10.558	7.71	217.6	0.0	702.5
12.00		1.00	0.70	25.667	28.23	536.17	0.730	0.000	2.00	10.478	7.65	216.0	0.0	697.1
14.00		1.00	0.70	25.667	28.23	532.08	0.730	0.000	2.00	10.398	7.59	214.3	0.0	691.8
16.00		1.00	0.70	25.667	28.23	527.99	0.730	0.000	2.00	10.319	7.53	212.7	0.0	686.5
18.00		1.00	0.70	25.667	28.23	523.90	0.730	0.000	2.00	10.239	7.47	211.0	0.0	681.1
20.00		1.00	0.70	25.667	28.23	519.81	0.730	0.000	2.00	10.160	7.42	209.4	0.0	675.8
22.00		1.00	0.70	25.667	28.23	515.72	0.730	0.000	2.00	10.080	7.36	207.8	0.0	670.5
24.00		1.00	0.70	25.667	28.23	511.64	0.730	0.000	2.00	10.000	7.30	206.1	0.0	665.1
25.00	Top - Section 1	1.00	0.70	25.667	28.23	509.59	0.730	0.000	1.00	4.970	3.63	102.4	0.0	330.6
26.00		1.00	0.70	25.667	28.23	507.55	0.730	0.000	1.00	4.950	3.61	102.0	0.0	282.5
28.00		1.00	0.70	25.667	28.23	503.46	0.730	0.000	2.00	9.841	7.18	202.8	0.0	561.6
30.00		1.00	0.70	25.689	28.26	499.58	0.730	0.000	2.00	9.762	7.13	201.4	0.0	557.0
32.00		1.00	0.71	26.167	28.78	500.08	0.730	0.000	2.00	9.682	7.07	203.4	0.0	552.4
34.00		1.00	0.73	26.624	29.29	500.26	0.730	0.000	2.00	9.602	7.01	205.3	0.0	547.9
36.00		1.00	0.74	27.062	29.77	500.17	0.730	0.000	2.00	9.523	6.95	206.9	0.0	543.3
38.00		1.00	0.75	27.484	30.23	499.82	0.730	0.000	2.00	9.443	6.89	208.4	0.0	538.7
40.00		1.00	0.76	27.889	30.68	499.23	0.730	0.000	2.00	9.364	6.84	209.7	0.0	534.1
41.00	Bot - Section 3	1.00	0.77	28.087	30.90	498.85	0.730	0.000	1.00	4.652	3.40	104.9	0.0	265.4
42.00		1.00	0.77	28.281	31.11	498.43	0.730	0.000	1.00	4.696	3.43	106.6	0.0	532.1
44.00		1.00	0.78	28.659	31.53	497.43	0.730	0.000	2.00	9.331	6.81	214.7	0.0	1057.3
46.00		1.00	0.79	29.026	31.93	496.25	0.730	0.000	2.00	9.252	6.75	215.6	0.0	1048.1
48.00	Top - Section 2	1.00	0.80	29.381	32.32	494.90	0.730	0.000	2.00	9.172	6.70	216.4	0.0	1039.0
50.00		1.00	0.81	29.725	32.70	500.41	0.730	0.000	2.00	9.093	6.64	217.0	0.0	518.6
52.00		1.00	0.82	30.060	33.07	498.80	0.730	0.000	2.00	9.013	6.58	217.6	0.0	514.0
54.00		1.00	0.83	30.386	33.42	497.05	0.730	0.000	2.00	8.933	6.52	218.0	0.0	509.4
56.00		1.00	0.84	30.704	33.77	495.17	0.730	0.000	2.00	8.854	6.46	218.3	0.0	504.9
58.00		1.00	0.85	31.013	34.11	493.16	0.730	0.000	2.00	8.774	6.41	218.5	0.0	500.3
60.00		1.00	0.85	31.315	34.45	491.04	0.730	0.000	2.00	8.694	6.35	218.6	0.0	495.7
62.00		1.00	0.86	31.610	34.77	488.81	0.730	0.000	2.00	8.615	6.29	218.7	0.0	491.1
64.00		1.00	0.87	31.898	35.09	486.47	0.730	0.000	2.00	8.535	6.23	218.6	0.0	486.6
66.00		1.00	0.88	32.179	35.40	484.03	0.730	0.000	2.00	8.456	6.17	218.5	0.0	482.0
68.00		1.00	0.89	32.455	35.70	481.51	0.730	0.000	2.00	8.376	6.11	218.3	0.0	477.4
70.00		1.00	0.89	32.725	36.00	478.89	0.730	0.000	2.00	8.296	6.06	218.0	0.0	472.9
72.00		1.00	0.90	32.989	36.29	476.18	0.730	0.000	2.00	8.217	6.00	217.7	0.0	468.3
74.00		1.00	0.91	33.249	36.57	473.40	0.730	0.000	2.00	8.137	5.94	217.3	0.0	463.7
76.00		1.00	0.91	33.503	36.85	470.53	0.730	0.000	2.00	8.058	5.88	216.8	0.0	459.1
78.00		1.00	0.92	33.752	37.13	467.59	0.730	0.000	2.00	7.978	5.82	216.2	0.0	454.6
80.00		1.00	0.93	33.997	37.40	464.58	0.730	0.000	2.00	7.898	5.77	215.6	0.0	450.0
82.00		1.00	0.93	34.238	37.66	461.50	0.730	0.000	2.00	7.819	5.71	215.0	0.0	445.4
84.00		1.00	0.94	34.475	37.92	458.35	0.730	0.000	2.00	7.739	5.65	214.2	0.0	440.9
85.00	Bot - Section 4	1.00	0.94	34.591	38.05	456.75	0.730	0.000	1.00	3.840	2.80	106.7	0.0	218.7
86.00		1.00	0.95	34.707	38.18	455.14	0.730	0.000	1.00	3.873	2.83	107.9	0.0	401.7

Wind Loading - Shaft

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 11

88.00	1.00	0.95	34.936	38.43	451.87	0.730	0.000	2.00	7.686	5.61	215.6	0.0	797.0
90.00	1.00	0.96	35.161	38.68	448.54	0.730	0.000	2.00	7.606	5.55	214.8	0.0	788.7
91.00 Top - Section 3	1.00	0.96	35.272	38.80	446.85	0.730	0.000	1.00	3.773	2.75	106.9	0.0	391.2
92.00	1.00	0.96	35.382	38.92	451.52	0.730	0.000	1.00	3.753	2.74	106.6	0.0	178.4
94.00	1.00	0.97	35.601	39.16	448.10	0.730	0.000	2.00	7.447	5.44	212.9	0.0	353.9
95.00 Appurtenance(s)	1.00	0.97	35.708	39.28	446.36	0.730	0.000	1.00	3.694	2.70	105.9	0.0	175.5
96.00	1.00	0.98	35.815	39.40	444.62	0.730	0.000	1.00	3.674	2.68	105.7	0.0	174.6
98.00	1.00	0.98	36.027	39.63	441.08	0.730	0.000	2.00	7.288	5.32	210.8	0.0	346.3
100.00	1.00	0.99	36.236	39.86	437.50	0.730	0.000	2.00	7.208	5.26	209.7	0.0	342.5
102.00	1.00	0.99	36.441	40.09	433.87	0.730	0.000	2.00	7.129	5.20	208.6	0.0	338.7
104.00	1.00	1.00	36.644	40.31	430.19	0.730	0.000	2.00	7.049	5.15	207.4	0.0	334.8
106.00	1.00	1.00	36.844	40.53	426.46	0.730	0.000	2.00	6.969	5.09	206.2	0.0	331.0
108.00	1.00	1.01	37.041	40.75	422.69	0.730	0.000	2.00	6.890	5.03	204.9	0.0	327.2
110.00	1.00	1.02	37.236	40.96	418.87	0.730	0.000	2.00	6.810	4.97	203.6	0.0	323.4
112.00	1.00	1.02	37.428	41.17	415.02	0.730	0.000	2.00	6.731	4.91	202.3	0.0	319.6
114.00	1.00	1.03	37.618	41.38	411.12	0.730	0.000	2.00	6.651	4.86	200.9	0.0	315.8
116.00	1.00	1.03	37.805	41.59	407.18	0.730	0.000	2.00	6.571	4.80	199.5	0.0	312.0
118.00	1.00	1.04	37.990	41.79	403.20	0.730	0.000	2.00	6.492	4.74	198.0	0.0	308.2
120.00 Appurtenance(s)	1.00	1.04	38.173	41.99	399.18	0.730	0.000	2.00	6.412	4.68	196.6	0.0	304.4
122.00	1.00	1.05	38.354	42.19	395.13	0.730	0.000	2.00	6.333	4.62	195.0	0.0	300.6
124.00	1.00	1.05	38.532	42.39	391.04	0.730	0.000	2.00	6.253	4.56	193.5	0.0	296.7
126.00	1.00	1.06	38.709	42.58	386.91	0.730	0.000	2.00	6.173	4.51	191.9	0.0	292.9
128.00	1.00	1.06	38.884	42.77	382.75	0.730	0.000	2.00	6.094	4.45	190.3	0.0	289.1
130.00 Bot - Section 5	1.00	1.07	39.056	42.96	378.55	0.730	0.000	2.00	6.014	4.39	188.6	0.0	285.3
132.00	1.00	1.07	39.227	43.15	374.33	0.730	0.000	2.00	6.019	4.39	189.6	0.0	510.4
134.00	1.00	1.07	39.396	43.34	370.06	0.730	0.000	2.00	5.940	4.34	187.9	0.0	503.5
135.00 Top - Section 4	1.00	1.08	39.480	43.43	367.92	0.730	0.000	1.00	2.940	2.15	93.2	0.0	249.2
136.00	1.00	1.08	39.563	43.52	371.17	0.730	0.000	1.00	2.920	2.13	92.8	0.0	111.0
137.00 Appurtenance(s)	1.00	1.08	39.646	43.61	369.02	0.730	0.000	1.00	2.900	2.12	92.3	0.0	110.2
138.00	1.00	1.08	39.728	43.70	366.86	0.730	0.000	1.00	2.880	2.10	91.9	0.0	109.5
140.00	1.00	1.09	39.892	43.88	362.51	0.730	0.000	2.00	5.701	4.16	182.6	0.0	216.7
							Totals:	**140.00**			**14,616.4**		**36,017.0**

Discrete Appurtenance Forces

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 12	

Load Case: 1.2D + 1.0W 124 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	137.00	Low Profile Platform	1	39.646	43.610	1.00	1.00	22.00	1800.00	0.000	0.000	959.43	0.00	0.00
2	137.00	Antel BXA-70063-6CF-2	3	39.646	43.610	0.58	0.75	13.12	61.20	0.000	0.000	571.95	0.00	0.00
3	137.00	JAHH-65B-R3B	6	39.646	43.610	0.62	0.75	47.85	577.44	0.000	0.000	2086.56	0.00	0.00
4	137.00	Samsung B5/B13	3	39.646	43.610	0.58	0.75	3.26	253.08	0.000	0.000	142.04	0.00	0.00
5	137.00	Samsung B2/B66A	3	39.646	43.610	0.62	0.75	3.51	303.84	0.000	0.000	153.11	0.00	0.00
6	137.00	Kaelus BSF0020F3V1-1	4	39.646	43.610	0.49	0.75	1.87	84.48	0.000	0.000	81.64	0.00	0.00
7	137.00	(3) Stabilizer Kit (4' FW)	1	39.646	43.610	1.00	1.00	3.70	168.00	0.000	0.000	161.36	0.00	0.00
8	137.00	MT6407-77A	3	39.646	43.610	0.52	0.75	7.40	313.56	0.000	0.000	322.83	0.00	0.00
9	137.00	Commscope	3	39.646	43.610	0.66	0.75	0.73	37.44	0.000	0.000	31.95	0.00	0.00
10	137.00	Raycap OVP-12	1	39.646	43.610	0.66	0.75	2.68	38.40	0.000	0.000	116.86	0.00	0.00
11	137.00	(3) HR w/ Double V-Brace	1	39.646	43.610	1.00	1.00	15.50	780.00	0.000	0.000	675.96	0.00	0.00
12	130.00	HRK12 (Handrail Kit)	1	39.056	42.962	1.00	1.00	10.00	314.06	0.000	0.000	429.62	0.00	0.00
13	130.00	HPA-65R-BU8AA	3	39.056	42.962	0.65	0.75	21.73	194.40	0.000	0.000	933.56	0.00	0.00
14	130.00	DMP65R-BU8DA	3	39.056	42.962	0.55	0.75	29.35	344.52	0.000	0.000	1260.99	0.00	0.00
15	130.00	RRUS 4449 B5/B12	3	39.056	42.962	0.68	0.75	3.32	262.80	0.000	0.000	142.68	0.00	0.00
16	130.00	LGP17201	6	39.056	42.962	0.50	0.75	5.04	72.00	0.000	0.000	216.31	0.00	0.00
17	130.00	RRUS 8843 B2 B66A	3	39.056	42.962	0.68	0.75	3.36	259.20	0.000	0.000	144.26	0.00	0.00
18	130.00	Low Profile Platform	1	39.056	42.962	1.00	1.00	22.00	1800.00	0.000	0.000	945.16	0.00	0.00
19	130.00	DC6-48-60-18-8F	1	39.056	42.962	0.60	0.75	2.22	39.36	0.000	0.000	95.38	0.00	0.00
20	130.00	Powerwave LGP21401 -	6	39.056	42.962	0.53	0.75	2.62	126.00	0.000	0.000	112.56	0.00	0.00
21	130.00	7770.00	6	39.056	42.962	0.58	0.75	19.09	194.40	0.000	0.000	820.23	0.00	0.00
22	130.00	15'x2.875"mount pipe	3	39.056	42.962	1.00	1.00	12.93	313.20	0.000	0.000	555.50	0.00	0.00
23	130.00	Powerwave LGP21901 -	6	39.056	42.962	0.50	0.75	5.04	223.20	0.000	0.000	216.31	0.00	0.00
24	120.00	PRK-1245 (kicker kit)	1	38.173	41.990	1.00	1.00	9.50	557.89	0.000	0.000	398.91	0.00	0.00
25	120.00	APX16DWV-16DWVS-E-A	3	38.173	41.990	0.50	0.75	9.74	146.52	0.000	0.000	408.92	0.00	0.00
26	120.00	APXVAA4L24-43-U-NA20	3	38.173	41.990	0.54	0.75	32.79	442.08	0.000	0.000	1376.82	0.00	0.00
27	120.00	AIR6449 B41	3	38.173	41.990	0.53	0.75	9.03	370.80	0.000	0.000	379.00	0.00	0.00
28	120.00	LP-RMQP-4096-HK Plat	1	38.173	41.990	1.00	1.00	51.70	3202.80	0.000	0.000	2170.91	0.00	0.00
29	120.00	4460 B25 + B66	3	38.173	41.990	0.67	0.75	4.29	374.40	0.000	0.000	179.94	0.00	0.00
30	120.00	4480 B71 + B85	3	38.173	41.990	0.56	0.75	4.08	334.80	0.000	0.000	171.48	0.00	0.00
31	95.00	Raycap	1	35.708	39.279	1.00	1.00	2.01	26.28	0.000	0.000	78.95	0.00	0.00
32	95.00	Fujitsu TA08025-B605	3	35.708	39.279	0.50	0.75	2.95	270.00	0.000	0.000	116.06	0.00	0.00
33	95.00	Fujitsu TA08025-B604	3	35.708	39.279	0.50	0.75	2.95	230.04	0.000	0.000	116.06	0.00	0.00
34	95.00	Commscope	3	35.708	39.279	0.55	0.75	20.15	254.88	0.000	0.000	791.61	0.00	0.00
35	95.00	MC-PK10-DSH	1	35.708	39.279	1.00	1.00	46.50	2003.16	0.000	0.000	1826.48	0.00	0.00
							Totals:		**16,774.24**			**19,191.39**		

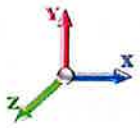
Total Applied Force Summary

Structure:	CT11560-A		**Code:**	TIA-222-H	7/10/2023
Site Name:	Sterling 6 CT		**Exposure:**	B	
Height:	140.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 13

Load Case: 1.2D + 1.0W 124 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
2.00		224.16	817.00	0.00	0.00
4.00		222.52	811.67	0.00	0.00
6.00		220.88	806.34	0.00	0.00
8.00		219.24	801.00	0.00	0.00
10.00		217.60	795.67	0.00	0.00
12.00		215.96	790.33	0.00	0.00
14.00		214.32	785.00	0.00	0.00
16.00		212.68	779.67	0.00	0.00
18.00		211.04	774.33	0.00	0.00
20.00		209.40	769.00	0.00	0.00
22.00		207.75	763.66	0.00	0.00
24.00		206.11	758.33	0.00	0.00
25.00		102.44	377.16	0.00	0.00
26.00		102.03	329.10	0.00	0.00
28.00		202.83	654.78	0.00	0.00
30.00		201.36	650.20	0.00	0.00
32.00		203.44	645.63	0.00	0.00
34.00		205.29	641.06	0.00	0.00
36.00		206.94	636.49	0.00	0.00
38.00		208.40	631.92	0.00	0.00
40.00		209.70	627.34	0.00	0.00
41.00		104.92	311.96	0.00	0.00
42.00		106.63	578.67	0.00	0.00
44.00		214.74	1150.49	0.00	0.00
46.00		215.63	1141.35	0.00	0.00
48.00		216.39	1132.20	0.00	0.00
50.00		217.03	611.77	0.00	0.00
52.00		217.56	607.20	0.00	0.00
54.00		217.97	602.63	0.00	0.00
56.00		218.29	598.06	0.00	0.00
58.00		218.50	593.49	0.00	0.00
60.00		218.63	588.92	0.00	0.00
62.00		218.67	584.34	0.00	0.00
64.00		218.62	579.77	0.00	0.00
66.00		218.49	575.20	0.00	0.00
68.00		218.29	570.63	0.00	0.00
70.00		218.02	566.06	0.00	0.00
72.00		217.67	561.48	0.00	0.00
74.00		217.25	556.91	0.00	0.00
76.00		216.77	552.34	0.00	0.00
78.00		216.23	547.77	0.00	0.00
80.00		215.63	543.20	0.00	0.00
82.00		214.97	538.62	0.00	0.00
84.00		214.25	534.05	0.00	0.00
85.00		106.66	265.31	0.00	0.00
86.00		107.93	448.26	0.00	0.00

Total Applied Force Summary

Structure:	CT11560-A		**Code:**	TIA-222-H	7/10/2023
Site Name:	Sterling 6 CT		**Exposure:**	B	
Height:	140.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 14

88.00		215.62	890.24	0.00	0.00
90.00		214.76	881.85	0.00	0.00
91.00		106.87	437.78	0.00	0.00
92.00		106.64	224.98	0.00	0.00
94.00		212.89	447.10	0.00	0.00
95.00	(11) attachments	3035.07	3006.48	0.00	0.00
96.00		105.66	218.98	0.00	0.00
98.00		210.83	435.11	0.00	0.00
100.00		209.74	431.30	0.00	0.00
102.00		208.60	427.49	0.00	0.00
104.00		207.42	423.68	0.00	0.00
106.00		206.19	419.87	0.00	0.00
108.00		204.93	416.06	0.00	0.00
110.00		203.63	412.25	0.00	0.00
112.00		202.29	408.44	0.00	0.00
114.00		200.91	404.63	0.00	0.00
116.00		199.49	400.82	0.00	0.00
118.00		198.04	397.01	0.00	0.00
120.00	(17) attachments	5282.53	5822.49	0.00	0.00
122.00		195.03	371.39	0.00	0.00
124.00		193.48	367.58	0.00	0.00
126.00		191.89	363.77	0.00	0.00
128.00		190.27	359.96	0.00	0.00
130.00	(42) attachments	6061.18	4499.29	0.00	0.00
132.00		189.60	546.25	0.00	0.00
134.00		187.90	539.39	0.00	0.00
135.00		93.20	267.12	0.00	0.00
136.00		92.77	128.94	0.00	0.00
137.00	(29) attachments	5396.01	4545.62	0.00	0.00
138.00		91.89	112.30	0.00	0.00
140.00		182.62	222.31	0.00	0.00
	Totals:	**33,807.79**	**58,816.85**	**0.00**	**0.00**

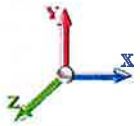
Linear Appurtenance Segment Forces (Factored)

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 15	

Load Case: 1.2D + 1.0W 124 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)
2.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.015	0.000	25.667	0.00	0.66
2.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.015	0.000	25.667	0.00	4.99
4.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	25.667	0.00	0.66
4.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	25.667	0.00	4.99
6.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	25.667	0.00	0.66
6.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	25.667	0.00	4.99
8.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	25.667	0.00	0.66
8.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	25.667	0.00	4.99
10.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	25.667	0.00	0.66
10.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	25.667	0.00	4.99
12.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	25.667	0.00	0.66
12.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	25.667	0.00	4.99
14.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	25.667	0.00	0.66
14.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	25.667	0.00	4.99
16.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	25.667	0.00	0.66
16.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	25.667	0.00	4.99
18.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	25.667	0.00	0.66
18.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	25.667	0.00	4.99
20.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.017	0.000	25.667	0.00	0.66
20.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.017	0.000	25.667	0.00	4.99
22.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.017	0.000	25.667	0.00	0.66
22.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.017	0.000	25.667	0.00	4.99
24.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.017	0.000	25.667	0.00	0.66
24.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.017	0.000	25.667	0.00	4.99
25.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.017	0.000	25.667	0.00	0.33
25.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.017	0.000	25.667	0.00	2.50
26.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.017	0.000	25.667	0.00	0.33
26.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.017	0.000	25.667	0.00	2.50
28.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.017	0.000	25.667	0.00	0.66
28.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.017	0.000	25.667	0.00	4.99
30.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.017	0.000	25.689	0.00	0.66
30.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.017	0.000	25.689	0.00	4.99
32.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.017	0.000	26.167	0.00	0.66
32.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.017	0.000	26.167	0.00	4.99
34.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.018	0.000	26.624	0.00	0.66
34.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.018	0.000	26.624	0.00	4.99
36.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.018	0.000	27.062	0.00	0.66
36.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.018	0.000	27.062	0.00	4.99
38.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.018	0.000	27.484	0.00	0.66
38.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.018	0.000	27.484	0.00	4.99
40.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.018	0.000	27.889	0.00	0.66
40.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.018	0.000	27.889	0.00	4.99
41.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.018	0.000	28.087	0.00	0.33
41.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.018	0.000	28.087	0.00	2.50
42.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.018	0.000	28.281	0.00	0.33
42.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.018	0.000	28.281	0.00	2.50
44.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.018	0.000	28.659	0.00	0.66

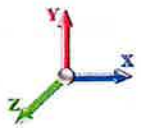
Linear Appurtenance Segment Forces (Factored)

Structure: CT11560-A
Site Name: Sterling 6 CT
Height: 140.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 7/10/2023
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

SBA

Load Case: 1.2D + 1.0W 124 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)
44.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.018	0.000	28.659	0.00	4.99
46.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.018	0.000	29.026	0.00	0.66
46.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.018	0.000	29.026	0.00	4.99
48.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	29.381	0.00	0.66
48.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	29.381	0.00	4.99
50.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	29.725	0.00	0.66
50.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	29.725	0.00	4.99
52.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	30.060	0.00	0.66
52.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	30.060	0.00	4.99
54.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	30.386	0.00	0.66
54.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	30.386	0.00	4.99
56.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	30.704	0.00	0.66
56.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	30.704	0.00	4.99
58.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	31.013	0.00	0.66
58.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	31.013	0.00	4.99
60.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	31.315	0.00	0.66
60.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	31.315	0.00	4.99
62.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	31.610	0.00	0.66
62.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	31.610	0.00	4.99
64.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	31.898	0.00	0.66
64.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	31.898	0.00	4.99
66.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	32.179	0.00	0.66
66.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	32.179	0.00	4.99
68.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	32.455	0.00	0.66
68.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	32.455	0.00	4.99
70.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	32.725	0.00	0.66
70.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	32.725	0.00	4.99
72.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	32.989	0.00	0.66
72.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	32.989	0.00	4.99
74.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.021	0.000	33.249	0.00	0.66
74.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.021	0.000	33.249	0.00	4.99
76.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.021	0.000	33.503	0.00	0.66
76.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.021	0.000	33.503	0.00	4.99
78.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.021	0.000	33.752	0.00	0.66
78.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.021	0.000	33.752	0.00	4.99
80.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.021	0.000	33.997	0.00	0.66
80.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.021	0.000	33.997	0.00	4.99
82.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.022	0.000	34.238	0.00	0.66
82.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.022	0.000	34.238	0.00	4.99
84.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.022	0.000	34.475	0.00	0.66
84.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.022	0.000	34.475	0.00	4.99
85.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.022	0.000	34.591	0.00	0.33
85.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.022	0.000	34.591	0.00	2.50
86.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.022	0.000	34.707	0.00	0.33
86.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.022	0.000	34.707	0.00	2.50
88.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.022	0.000	34.936	0.00	0.66
88.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.022	0.000	34.936	0.00	4.99

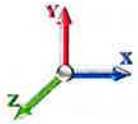
Linear Appurtenance Segment Forces (Factored)

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 17	

Load Case: 1.2D + 1.0W 124 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)
90.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.022	0.000	35.161	0.00	0.66
90.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.022	0.000	35.161	0.00	4.99
91.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.023	0.000	35.272	0.00	0.33
91.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.023	0.000	35.272	0.00	2.50
92.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.022	0.000	35.382	0.00	0.33
92.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.022	0.000	35.382	0.00	2.50
94.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.023	0.000	35.601	0.00	0.66
94.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.023	0.000	35.601	0.00	4.99
95.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.023	0.000	35.708	0.00	0.33
95.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.023	0.000	35.708	0.00	2.50
96.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.023	0.000	35.815	0.00	0.33
96.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.023	0.000	35.815	0.00	2.50
98.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.023	0.000	36.027	0.00	0.66
98.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.023	0.000	36.027	0.00	4.99
100.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.023	0.000	36.236	0.00	0.66
100.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.023	0.000	36.236	0.00	4.99
102.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.024	0.000	36.441	0.00	0.66
102.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.024	0.000	36.441	0.00	4.99
104.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.024	0.000	36.644	0.00	0.66
104.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.024	0.000	36.644	0.00	4.99
106.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.024	0.000	36.844	0.00	0.66
106.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.024	0.000	36.844	0.00	4.99
108.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.024	0.000	37.041	0.00	0.66
108.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.024	0.000	37.041	0.00	4.99
110.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.025	0.000	37.236	0.00	0.66
110.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.025	0.000	37.236	0.00	4.99
112.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.025	0.000	37.428	0.00	0.66
112.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.025	0.000	37.428	0.00	4.99
114.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.025	0.000	37.618	0.00	0.66
114.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.025	0.000	37.618	0.00	4.99
116.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.026	0.000	37.805	0.00	0.66
116.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.026	0.000	37.805	0.00	4.99
118.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.026	0.000	37.990	0.00	0.66
118.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.026	0.000	37.990	0.00	4.99
120.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.026	0.000	38.173	0.00	0.66
120.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.026	0.000	38.173	0.00	4.99
122.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.027	0.000	38.354	0.00	0.66
122.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.027	0.000	38.354	0.00	4.99
124.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.027	0.000	38.532	0.00	0.66
124.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.027	0.000	38.532	0.00	4.99
126.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.027	0.000	38.709	0.00	0.66
126.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.027	0.000	38.709	0.00	4.99
128.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.028	0.000	38.884	0.00	0.66
128.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.028	0.000	38.884	0.00	4.99
130.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.028	0.000	39.056	0.00	0.66
130.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.028	0.000	39.056	0.00	4.99
132.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.028	0.000	39.227	0.00	0.66

Linear Appurtenance Segment Forces (Factored)

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 18	

Load Case: 1.2D + 1.0W 124 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)
132.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.028	0.000	39.227	0.00	4.99
134.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.029	0.000	39.396	0.00	0.66
134.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.029	0.000	39.396	0.00	4.99
135.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.029	0.000	39.480	0.00	0.33
135.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.029	0.000	39.480	0.00	2.50
136.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.029	0.000	39.563	0.00	0.33
136.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.029	0.000	39.563	0.00	2.50
137.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.029	0.000	39.646	0.00	0.33
137.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.029	0.000	39.646	0.00	2.50
138.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.029	0.000	39.728	0.00	0.33
138.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.029	0.000	39.728	0.00	2.50
140.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.030	0.000	39.892	0.00	0.66
140.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.030	0.000	39.892	0.00	4.99
										Totals:	**0.0**	**395.3**

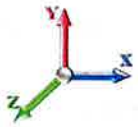
Calculated Forces

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 19	

Load Case: 1.2D + 1.0W 124 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	-58.80	-33.83	0.00	-3487.5	0.00	3487.51	5803.10	1561.17	8297.91	7657.05	0.00	0.000	0.000	0.466
2.00	-57.96	-33.65	0.00	-3419.8	0.00	3419.85	5778.21	1549.71	8176.51	7567.86	0.01	-0.043	0.000	0.462
4.00	-57.12	-33.47	0.00	-3352.5	0.00	3352.56	5753.06	1538.25	8056.00	7478.80	0.04	-0.085	0.000	0.459
6.00	-56.29	-33.29	0.00	-3285.6	0.00	3285.62	5727.65	1526.78	7936.39	7389.90	0.08	-0.128	0.000	0.455
8.00	-55.47	-33.11	0.00	-3219.0	0.00	3219.05	5701.98	1515.32	7817.67	7301.16	0.15	-0.171	0.000	0.451
10.00	-54.65	-32.93	0.00	-3152.8	0.00	3152.84	5676.04	1503.86	7699.85	7212.59	0.23	-0.214	0.000	0.447
12.00	-53.84	-32.75	0.00	-3086.9	0.00	3086.98	5649.84	1492.40	7582.92	7124.20	0.33	-0.257	0.000	0.443
14.00	-53.03	-32.57	0.00	-3021.4	0.00	3021.49	5623.38	1480.93	7466.89	7035.98	0.44	-0.300	0.000	0.439
16.00	-52.22	-32.39	0.00	-2956.3	0.00	2956.34	5596.66	1469.47	7351.75	6947.96	0.58	-0.343	0.000	0.435
18.00	-51.43	-32.22	0.00	-2891.5	0.00	2891.56	5569.67	1458.01	7237.50	6860.14	0.73	-0.387	0.000	0.431
20.00	-50.63	-32.04	0.00	-2827.1	0.00	2827.13	5542.43	1446.55	7124.15	6772.52	0.90	-0.430	0.000	0.427
22.00	-49.85	-31.86	0.00	-2763.0	0.00	2763.05	5514.92	1435.08	7011.70	6685.11	1.09	-0.473	0.000	0.423
24.00	-49.07	-31.68	0.00	-2699.3	0.00	2699.32	5487.15	1423.62	6900.13	6597.93	1.30	-0.517	0.000	0.419
25.00	-48.69	-31.59	0.00	-2667.6	0.00	2667.64	5473.16	1417.89	6844.69	6554.42	1.41	-0.538	0.000	0.416
25.00	-48.69	-31.59	0.00	-2667.6	0.00	2667.64	4407.37	1216.64	5879.49	5289.42	1.41	-0.538	0.000	0.516
26.00	-48.34	-31.52	0.00	-2636.0	0.00	2636.05	4397.65	1211.73	5832.10	5256.32	1.53	-0.560	0.000	0.513
28.00	-47.66	-31.35	0.00	-2573.0	0.00	2573.02	4378.03	1201.90	5737.91	5190.16	1.77	-0.611	0.000	0.507
30.00	-46.98	-31.18	0.00	-2510.3	0.00	2510.32	4358.14	1192.08	5644.49	5124.08	2.04	-0.661	0.000	0.501
32.00	-46.31	-31.01	0.00	-2447.9	0.00	2447.96	4338.00	1182.25	5551.83	5058.08	2.33	-0.712	0.000	0.495
34.00	-45.65	-30.84	0.00	-2385.9	0.00	2385.93	4317.58	1172.43	5459.94	4992.17	2.64	-0.762	0.000	0.489
36.00	-44.99	-30.66	0.00	-2324.2	0.00	2324.26	4296.91	1162.60	5368.81	4926.35	2.97	-0.813	0.000	0.483
38.00	-44.33	-30.48	0.00	-2262.9	0.00	2262.93	4275.98	1152.78	5278.46	4860.65	3.32	-0.863	0.000	0.477
40.00	-43.69	-30.29	0.00	-2201.9	0.00	2201.97	4254.78	1142.95	5188.87	4795.05	3.69	-0.913	0.000	0.470
41.00	-43.36	-30.20	0.00	-2171.6	0.00	2171.67	4244.08	1138.04	5144.36	4762.30	3.89	-0.938	0.000	0.467
42.00	-42.77	-30.11	0.00	-2141.4	0.00	2141.47	4233.32	1133.13	5100.04	4729.58	4.09	-0.964	0.000	0.464
44.00	-41.59	-29.92	0.00	-2081.2	0.00	2081.24	4211.60	1123.30	5011.98	4664.23	4.50	-1.014	0.000	0.457
46.00	-40.43	-29.72	0.00	-2021.4	0.00	2021.41	4189.62	1113.48	4924.69	4599.03	4.94	-1.064	0.000	0.450
48.00	-39.28	-29.51	0.00	-1961.9	0.00	1961.98	4202.72	1119.32	4976.50	4637.78	5.40	-1.113	0.000	0.433
50.00	-38.64	-29.31	0.00	-1902.9	0.00	1902.96	4180.63	1109.50	4889.52	4572.63	5.87	-1.163	0.000	0.426
52.00	-38.02	-29.12	0.00	-1844.3	0.00	1844.33	4158.28	1099.67	4803.31	4507.62	6.37	-1.210	0.000	0.419
54.00	-37.40	-28.92	0.00	-1786.1	0.00	1786.10	4135.67	1089.85	4717.86	4442.77	6.89	-1.257	0.000	0.412
56.00	-36.78	-28.71	0.00	-1728.2	0.00	1728.27	4112.79	1080.02	4633.18	4378.08	7.43	-1.304	0.000	0.404
58.00	-36.17	-28.51	0.00	-1670.8	0.00	1670.84	4089.65	1070.20	4549.27	4313.56	7.98	-1.351	0.000	0.397
60.00	-35.56	-28.31	0.00	-1613.8	0.00	1613.82	4066.25	1060.37	4466.12	4249.22	8.56	-1.397	0.000	0.389
62.00	-34.96	-28.10	0.00	-1557.2	0.00	1557.21	4042.59	1050.55	4383.75	4185.07	9.15	-1.443	0.000	0.381
64.00	-34.37	-27.90	0.00	-1501.0	0.00	1501.01	4018.67	1040.72	4302.13	4121.10	9.77	-1.488	0.000	0.373
66.00	-33.78	-27.69	0.00	-1445.2	0.00	1445.22	3994.48	1030.90	4221.29	4057.34	10.40	-1.533	0.000	0.365
68.00	-33.19	-27.48	0.00	-1389.8	0.00	1389.84	3970.03	1021.07	4141.21	3993.79	11.06	-1.578	0.000	0.357
70.00	-32.61	-27.27	0.00	-1334.8	0.00	1334.88	3945.32	1011.25	4061.90	3930.45	11.73	-1.622	0.000	0.349
72.00	-32.03	-27.06	0.00	-1280.3	0.00	1280.34	3920.35	1001.42	3983.36	3867.33	12.42	-1.666	0.000	0.340
74.00	-31.46	-26.85	0.00	-1226.2	0.00	1226.22	3895.11	991.60	3905.58	3804.45	13.12	-1.709	0.000	0.331
76.00	-30.90	-26.64	0.00	-1172.5	0.00	1172.51	3869.62	981.77	3828.57	3741.80	13.85	-1.751	0.000	0.322
78.00	-30.34	-26.43	0.00	-1119.2	0.00	1119.23	3843.86	971.95	3752.32	3679.40	14.59	-1.793	0.000	0.313
80.00	-29.78	-26.22	0.00	-1066.3	0.00	1066.37	3817.84	962.12	3676.85	3617.26	15.35	-1.834	0.000	0.303
82.00	-29.23	-26.01	0.00	-1013.9	0.00	1013.93	3791.55	952.30	3602.14	3555.38	16.13	-1.874	0.000	0.294
84.00	-28.69	-25.79	0.00	-961.92	0.00	961.92	3765.01	942.47	3528.19	3493.76	16.92	-1.914	0.000	0.284
85.00	-28.42	-25.68	0.00	-936.13	0.00	936.13	3751.64	937.56	3491.51	3463.06	17.33	-1.933	0.000	0.279
86.00	-27.97	-25.58	0.00	-910.45	0.00	910.45	3738.20	932.65	3455.02	3432.43	17.73	-1.952	0.000	0.273

Calculated Forces

Structure: CT11560-A
Site Name: Sterling 6 CT
Height: 140.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 7/10/2023
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

88.00	-27.07	-25.35	0.00	-859.30	0.00	859.30	3711.13	922.82	3382.61	3371.38	18.56	-1.990	0.000	0.263
90.00	-26.18	-25.11	0.00	-808.61	0.00	808.61	3683.80	913.00	3310.96	3310.62	19.40	-2.027	0.000	0.252
91.00	-25.74	-25.00	0.00	-783.49	0.00	783.49	2899.19	768.71	2816.54	2636.38	19.83	-2.045	0.000	0.307
92.00	-25.51	-24.90	0.00	-758.49	0.00	758.49	2889.87	764.61	2786.62	2613.82	20.26	-2.062	0.000	0.300
94.00	-25.06	-24.68	0.00	-708.70	0.00	708.70	2871.03	756.42	2727.26	2568.78	21.13	-2.102	0.000	0.286
95.00	-22.16	-21.54	0.00	-684.02	0.00	684.02	2861.52	752.33	2697.82	2546.31	21.57	-2.121	0.000	0.277
96.00	-21.93	-21.44	0.00	-662.48	0.00	662.48	2851.93	748.24	2668.54	2523.87	22.02	-2.140	0.000	0.271
98.00	-21.49	-21.23	0.00	-619.59	0.00	619.59	2832.57	740.05	2610.46	2479.11	22.93	-2.177	0.000	0.258
100.00	-21.05	-21.01	0.00	-577.14	0.00	577.14	2812.95	731.86	2553.02	2434.50	23.85	-2.212	0.000	0.245
102.00	-20.62	-20.80	0.00	-535.11	0.00	535.11	2793.07	723.67	2496.22	2390.05	24.78	-2.246	0.000	0.232
104.00	-20.20	-20.59	0.00	-493.51	0.00	493.51	2772.92	715.49	2440.06	2345.77	25.73	-2.278	0.000	0.218
106.00	-19.77	-20.38	0.00	-452.33	0.00	452.33	2752.51	707.30	2384.53	2301.65	26.69	-2.309	0.000	0.205
108.00	-19.36	-20.16	0.00	-411.58	0.00	411.58	2731.84	699.11	2329.65	2257.73	27.66	-2.339	0.000	0.190
110.00	-18.94	-19.95	0.00	-371.25	0.00	371.25	2710.91	690.92	2275.40	2213.98	28.65	-2.366	0.000	0.176
112.00	-18.54	-19.74	0.00	-331.35	0.00	331.35	2689.71	682.74	2221.79	2170.44	29.65	-2.392	0.000	0.160
114.00	-18.13	-19.53	0.00	-291.87	0.00	291.87	2668.26	674.55	2168.82	2127.10	30.65	-2.415	0.000	0.145
116.00	-17.73	-19.32	0.00	-252.80	0.00	252.80	2646.54	666.36	2116.50	2083.97	31.67	-2.436	0.000	0.129
118.00	-17.34	-19.11	0.00	-214.16	0.00	214.16	2624.55	658.18	2064.81	2041.07	32.70	-2.455	0.000	0.112
120.00	-11.75	-13.59	0.00	-175.94	0.00	175.94	2602.31	649.99	2013.75	1998.39	33.73	-2.472	0.000	0.093
122.00	-11.38	-13.38	0.00	-148.77	0.00	148.77	2579.81	641.80	1963.34	1955.94	34.77	-2.486	0.000	0.081
124.00	-11.02	-13.17	0.00	-122.01	0.00	122.01	2557.04	633.61	1913.57	1913.74	35.81	-2.498	0.000	0.068
126.00	-10.66	-12.97	0.00	-95.67	0.00	95.67	2534.01	625.43	1864.44	1871.79	36.86	-2.508	0.000	0.056
128.00	-10.31	-12.76	0.00	-69.74	0.00	69.74	2510.72	617.24	1815.94	1830.10	37.91	-2.516	0.000	0.043
130.00	-6.08	-6.51	0.00	-44.22	0.00	44.22	2487.16	609.05	1768.08	1788.67	38.97	-2.522	0.000	0.027
132.00	-5.54	-6.29	0.00	-31.21	0.00	31.21	2463.34	600.86	1720.87	1747.52	40.03	-2.526	0.000	0.020
134.00	-5.01	-6.08	0.00	-18.62	0.00	18.62	2439.27	592.68	1674.29	1706.65	41.08	-2.529	0.000	0.013
135.00	-4.75	-5.98	0.00	-12.53	0.00	12.53	1824.83	478.70	1365.31	1291.47	41.61	-2.530	0.000	0.012
136.00	-4.63	-5.88	0.00	-6.55	0.00	6.55	1817.10	475.42	1346.69	1277.14	42.14	-2.530	0.000	0.008
137.00	-0.32	-0.29	0.00	-0.67	0.00	0.67	1809.31	472.15	1328.20	1262.84	42.67	-2.531	0.000	0.001
138.00	-0.21	-0.19	0.00	-0.38	0.00	0.38	1801.45	468.87	1309.84	1248.56	43.20	-2.531	0.000	0.000
140.00	0.00	-0.18	0.00	0.00	0.00	0.00	1785.54	462.32	1273.50	1220.12	44.26	-2.531	0.000	0.000

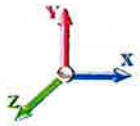
Wind Loading - Shaft

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 21	

Load Case: 0.9D + 1.0W 124 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	0.70	25.667	28.23	560.70	0.730	0.000	0.00	0.000	0.00	0.0	0.0	0.0
2.00		1.00	0.70	25.667	28.23	556.61	0.730	0.000	2.00	10.876	7.94	224.2	0.0	542.9
4.00		1.00	0.70	25.667	28.23	552.52	0.730	0.000	2.00	10.796	7.88	222.5	0.0	538.9
6.00		1.00	0.70	25.667	28.23	548.44	0.730	0.000	2.00	10.717	7.82	220.9	0.0	534.9
8.00		1.00	0.70	25.667	28.23	544.35	0.730	0.000	2.00	10.637	7.77	219.2	0.0	530.9
10.00		1.00	0.70	25.667	28.23	540.26	0.730	0.000	2.00	10.558	7.71	217.6	0.0	526.9
12.00		1.00	0.70	25.667	28.23	536.17	0.730	0.000	2.00	10.478	7.65	216.0	0.0	522.9
14.00		1.00	0.70	25.667	28.23	532.08	0.730	0.000	2.00	10.398	7.59	214.3	0.0	518.9
16.00		1.00	0.70	25.667	28.23	527.99	0.730	0.000	2.00	10.319	7.53	212.7	0.0	514.8
18.00		1.00	0.70	25.667	28.23	523.90	0.730	0.000	2.00	10.239	7.47	211.0	0.0	510.8
20.00		1.00	0.70	25.667	28.23	519.81	0.730	0.000	2.00	10.160	7.42	209.4	0.0	506.8
22.00		1.00	0.70	25.667	28.23	515.72	0.730	0.000	2.00	10.080	7.36	207.8	0.0	502.8
24.00		1.00	0.70	25.667	28.23	511.64	0.730	0.000	2.00	10.000	7.30	206.1	0.0	498.8
25.00	Top - Section 1	1.00	0.70	25.667	28.23	509.59	0.730	0.000	1.00	4.970	3.63	102.4	0.0	247.9
26.00		1.00	0.70	25.667	28.23	507.55	0.730	0.000	1.00	4.950	3.61	102.0	0.0	211.9
28.00		1.00	0.70	25.667	28.23	503.46	0.730	0.000	2.00	9.841	7.18	202.8	0.0	421.2
30.00		1.00	0.70	25.689	28.26	499.58	0.730	0.000	2.00	9.762	7.13	201.4	0.0	417.8
32.00		1.00	0.71	26.167	28.78	500.08	0.730	0.000	2.00	9.682	7.07	203.4	0.0	414.3
34.00		1.00	0.73	26.624	29.29	500.26	0.730	0.000	2.00	9.602	7.01	205.3	0.0	410.9
36.00		1.00	0.74	27.062	29.77	500.17	0.730	0.000	2.00	9.523	6.95	206.9	0.0	407.5
38.00		1.00	0.75	27.484	30.23	499.82	0.730	0.000	2.00	9.443	6.89	208.4	0.0	404.0
40.00		1.00	0.76	27.889	30.68	499.23	0.730	0.000	2.00	9.364	6.84	209.7	0.0	400.6
41.00	Bot - Section 3	1.00	0.77	28.087	30.90	498.85	0.730	0.000	1.00	4.652	3.40	104.9	0.0	199.0
42.00		1.00	0.77	28.281	31.11	498.43	0.730	0.000	1.00	4.696	3.43	106.6	0.0	399.1
44.00		1.00	0.78	28.659	31.53	497.43	0.730	0.000	2.00	9.331	6.81	214.7	0.0	793.0
46.00		1.00	0.79	29.026	31.93	496.25	0.730	0.000	2.00	9.252	6.75	215.6	0.0	786.1
48.00	Top - Section 2	1.00	0.80	29.381	32.32	494.90	0.730	0.000	2.00	9.172	6.70	216.4	0.0	779.3
50.00		1.00	0.81	29.725	32.70	500.41	0.730	0.000	2.00	9.093	6.64	217.0	0.0	388.9
52.00		1.00	0.82	30.060	33.07	498.80	0.730	0.000	2.00	9.013	6.58	217.6	0.0	385.5
54.00		1.00	0.83	30.386	33.42	497.05	0.730	0.000	2.00	8.933	6.52	218.0	0.0	382.1
56.00		1.00	0.84	30.704	33.77	495.17	0.730	0.000	2.00	8.854	6.46	218.3	0.0	378.6
58.00		1.00	0.85	31.013	34.11	493.16	0.730	0.000	2.00	8.774	6.41	218.5	0.0	375.2
60.00		1.00	0.85	31.315	34.45	491.04	0.730	0.000	2.00	8.694	6.35	218.6	0.0	371.8
62.00		1.00	0.86	31.610	34.77	488.81	0.730	0.000	2.00	8.615	6.29	218.7	0.0	368.4
64.00		1.00	0.87	31.898	35.09	486.47	0.730	0.000	2.00	8.535	6.23	218.6	0.0	364.9
66.00		1.00	0.88	32.179	35.40	484.03	0.730	0.000	2.00	8.456	6.17	218.5	0.0	361.5
68.00		1.00	0.89	32.455	35.70	481.51	0.730	0.000	2.00	8.376	6.11	218.3	0.0	358.1
70.00		1.00	0.89	32.725	36.00	478.89	0.730	0.000	2.00	8.296	6.06	218.0	0.0	354.6
72.00		1.00	0.90	32.989	36.29	476.18	0.730	0.000	2.00	8.217	6.00	217.7	0.0	351.2
74.00		1.00	0.91	33.249	36.57	473.40	0.730	0.000	2.00	8.137	5.94	217.3	0.0	347.8
76.00		1.00	0.91	33.503	36.85	470.53	0.730	0.000	2.00	8.058	5.88	216.8	0.0	344.4
78.00		1.00	0.92	33.752	37.13	467.59	0.730	0.000	2.00	7.978	5.82	216.2	0.0	340.9
80.00		1.00	0.93	33.997	37.40	464.58	0.730	0.000	2.00	7.898	5.77	215.6	0.0	337.5
82.00		1.00	0.93	34.238	37.66	461.50	0.730	0.000	2.00	7.819	5.71	215.0	0.0	334.1
84.00		1.00	0.94	34.475	37.92	458.35	0.730	0.000	2.00	7.739	5.65	214.2	0.0	330.6
85.00	Bot - Section 4	1.00	0.94	34.591	38.05	456.75	0.730	0.000	1.00	3.840	2.80	106.7	0.0	164.0
86.00		1.00	0.95	34.707	38.18	455.14	0.730	0.000	1.00	3.873	2.83	107.9	0.0	301.2

Wind Loading - Shaft

Structure: CT11560-A
Site Name: Sterling 6 CT
Height: 140.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1

Topography: 1

Code: TIA-222-H
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

7/10/2023

88.00	1.00	0.95	34.936	38.43	451.87	0.730	0.000	2.00	7.686	5.61	215.6	0.0	597.8
90.00	1.00	0.96	35.161	38.68	448.54	0.730	0.000	2.00	7.606	5.55	214.8	0.0	591.5
91.00 Top - Section 3	1.00	0.96	35.272	38.80	446.85	0.730	0.000	1.00	3.773	2.75	106.9	0.0	293.4
92.00	1.00	0.96	35.382	38.92	451.52	0.730	0.000	1.00	3.753	2.74	106.6	0.0	133.8
94.00	1.00	0.97	35.601	39.16	448.10	0.730	0.000	2.00	7.447	5.44	212.9	0.0	265.4
95.00 Appurtenance(s)	1.00	0.97	35.708	39.28	446.36	0.730	0.000	1.00	3.694	2.70	105.9	0.0	131.6
96.00	1.00	0.98	35.815	39.40	444.62	0.730	0.000	1.00	3.674	2.68	105.7	0.0	130.9
98.00	1.00	0.98	36.027	39.63	441.08	0.730	0.000	2.00	7.288	5.32	210.8	0.0	259.7
100.00	1.00	0.99	36.236	39.86	437.50	0.730	0.000	2.00	7.208	5.26	209.7	0.0	256.9
102.00	1.00	0.99	36.441	40.09	433.87	0.730	0.000	2.00	7.129	5.20	208.6	0.0	254.0
104.00	1.00	1.00	36.644	40.31	430.19	0.730	0.000	2.00	7.049	5.15	207.4	0.0	251.1
106.00	1.00	1.00	36.844	40.53	426.46	0.730	0.000	2.00	6.969	5.09	206.2	0.0	248.3
108.00	1.00	1.01	37.041	40.75	422.69	0.730	0.000	2.00	6.890	5.03	204.9	0.0	245.4
110.00	1.00	1.02	37.236	40.96	418.87	0.730	0.000	2.00	6.810	4.97	203.6	0.0	242.6
112.00	1.00	1.02	37.428	41.17	415.02	0.730	0.000	2.00	6.731	4.91	202.3	0.0	239.7
114.00	1.00	1.03	37.618	41.38	411.12	0.730	0.000	2.00	6.651	4.86	200.9	0.0	236.8
116.00	1.00	1.03	37.805	41.59	407.18	0.730	0.000	2.00	6.571	4.80	199.5	0.0	234.0
118.00	1.00	1.04	37.990	41.79	403.20	0.730	0.000	2.00	6.492	4.74	198.0	0.0	231.1
120.00 Appurtenance(s)	1.00	1.04	38.173	41.99	399.18	0.730	0.000	2.00	6.412	4.68	196.6	0.0	228.3
122.00	1.00	1.05	38.354	42.19	395.13	0.730	0.000	2.00	6.333	4.62	195.0	0.0	225.4
124.00	1.00	1.05	38.532	42.39	391.04	0.730	0.000	2.00	6.253	4.56	193.5	0.0	222.6
126.00	1.00	1.06	38.709	42.58	386.91	0.730	0.000	2.00	6.173	4.51	191.9	0.0	219.7
128.00	1.00	1.06	38.884	42.77	382.75	0.730	0.000	2.00	6.094	4.45	190.3	0.0	216.8
130.00 Bot - Section 5	1.00	1.07	39.056	42.96	378.55	0.730	0.000	2.00	6.014	4.39	188.6	0.0	214.0
132.00	1.00	1.07	39.227	43.15	374.33	0.730	0.000	2.00	6.019	4.39	189.6	0.0	382.8
134.00	1.00	1.07	39.396	43.34	370.06	0.730	0.000	2.00	5.940	4.34	187.9	0.0	377.6
135.00 Top - Section 4	1.00	1.08	39.480	43.43	367.92	0.730	0.000	1.00	2.940	2.15	93.2	0.0	186.9
136.00	1.00	1.08	39.563	43.52	371.17	0.730	0.000	1.00	2.920	2.13	92.8	0.0	83.2
137.00 Appurtenance(s)	1.00	1.08	39.646	43.61	369.02	0.730	0.000	1.00	2.900	2.12	92.3	0.0	82.7
138.00	1.00	1.08	39.728	43.70	366.86	0.730	0.000	1.00	2.880	2.10	91.9	0.0	82.1
140.00	1.00	1.09	39.892	43.88	362.51	0.730	0.000	2.00	5.701	4.16	182.6	0.0	162.5
							Totals:	**140.00**			**14,616.4**		**27,012.8**

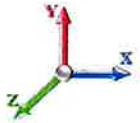
Discrete Appurtenance Forces

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 23	

Load Case: 0.9D + 1.0W 124 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	137.00	Low Profile Platform	1	39.646	43.610	1.00	1.00	22.00	1350.00	0.000	0.000	959.43	0.00	0.00
2	137.00	Antel BXA-70063-6CF-2	3	39.646	43.610	0.58	0.75	13.12	45.90	0.000	0.000	571.95	0.00	0.00
3	137.00	JAHH-65B-R3B	6	39.646	43.610	0.62	0.75	47.85	433.08	0.000	0.000	2086.56	0.00	0.00
4	137.00	Samsung B5/B13	3	39.646	43.610	0.58	0.75	3.26	189.81	0.000	0.000	142.04	0.00	0.00
5	137.00	Samsung B2/B66A	3	39.646	43.610	0.62	0.75	3.51	227.88	0.000	0.000	153.11	0.00	0.00
6	137.00	Kaelus BSF0020F3V1-1	4	39.646	43.610	0.49	0.75	1.87	63.36	0.000	0.000	81.64	0.00	0.00
7	137.00	(3) Stabilizer Kit (4' FW)	1	39.646	43.610	1.00	1.00	3.70	126.00	0.000	0.000	161.36	0.00	0.00
8	137.00	MT6407-77A	3	39.646	43.610	0.52	0.75	7.40	235.17	0.000	0.000	322.83	0.00	0.00
9	137.00	Commscope	3	39.646	43.610	0.66	0.75	0.73	28.08	0.000	0.000	31.95	0.00	0.00
10	137.00	Raycap OVP-12	1	39.646	43.610	0.66	0.75	2.68	28.80	0.000	0.000	116.86	0.00	0.00
11	137.00	(3) HR w/ Double V-Brace	1	39.646	43.610	1.00	1.00	15.50	585.00	0.000	0.000	675.96	0.00	0.00
12	130.00	HRK12 (Handrail Kit)	1	39.056	42.962	1.00	1.00	10.00	235.55	0.000	0.000	429.62	0.00	0.00
13	130.00	HPA-65R-BU8AA	3	39.056	42.962	0.65	0.75	21.73	145.80	0.000	0.000	933.56	0.00	0.00
14	130.00	DMP65R-BU8DA	3	39.056	42.962	0.55	0.75	29.35	258.39	0.000	0.000	1260.99	0.00	0.00
15	130.00	RRUS 4449 B5/B12	3	39.056	42.962	0.68	0.75	3.32	197.10	0.000	0.000	142.68	0.00	0.00
16	130.00	LGP17201	6	39.056	42.962	0.50	0.75	5.04	54.00	0.000	0.000	216.31	0.00	0.00
17	130.00	RRUS 8843 B2 B66A	3	39.056	42.962	0.68	0.75	3.36	194.40	0.000	0.000	144.26	0.00	0.00
18	130.00	Low Profile Platform	1	39.056	42.962	1.00	1.00	22.00	1350.00	0.000	0.000	945.16	0.00	0.00
19	130.00	DC6-48-60-18-8F	1	39.056	42.962	0.60	0.75	2.22	29.52	0.000	0.000	95.38	0.00	0.00
20	130.00	Powerwave LGP21401 -	6	39.056	42.962	0.53	0.75	2.62	94.50	0.000	0.000	112.56	0.00	0.00
21	130.00	7770.00	6	39.056	42.962	0.58	0.75	19.09	145.80	0.000	0.000	820.23	0.00	0.00
22	130.00	15'x2.875"mount pipe	3	39.056	42.962	1.00	1.00	12.93	234.90	0.000	0.000	555.50	0.00	0.00
23	130.00	Powerwave LGP21901 -	6	39.056	42.962	0.50	0.75	5.04	167.40	0.000	0.000	216.31	0.00	0.00
24	120.00	PRK-1245 (kicker kit)	1	38.173	41.990	1.00	1.00	9.50	418.42	0.000	0.000	398.91	0.00	0.00
25	120.00	APX16DWV-16DWVS-E-A	3	38.173	41.990	0.50	0.75	9.74	109.89	0.000	0.000	408.92	0.00	0.00
26	120.00	APXVAA4L24-43-U-NA20	3	38.173	41.990	0.54	0.75	32.79	331.56	0.000	0.000	1376.82	0.00	0.00
27	120.00	AIR6449 B41	3	38.173	41.990	0.53	0.75	9.03	278.10	0.000	0.000	379.00	0.00	0.00
28	120.00	LP-RMQP-4096-HK Plat	1	38.173	41.990	1.00	1.00	51.70	2402.10	0.000	0.000	2170.91	0.00	0.00
29	120.00	4460 B25 + B66	3	38.173	41.990	0.67	0.75	4.29	280.80	0.000	0.000	179.94	0.00	0.00
30	120.00	4480 B71 + B85	3	38.173	41.990	0.56	0.75	4.08	251.10	0.000	0.000	171.48	0.00	0.00
31	95.00	Raycap	1	35.708	39.279	1.00	1.00	2.01	19.71	0.000	0.000	78.95	0.00	0.00
32	95.00	Fujitsu TA08025-B605	3	35.708	39.279	0.50	0.75	2.95	202.50	0.000	0.000	116.06	0.00	0.00
33	95.00	Fujitsu TA08025-B604	3	35.708	39.279	0.50	0.75	2.95	172.53	0.000	0.000	116.06	0.00	0.00
34	95.00	Commscope	3	35.708	39.279	0.55	0.75	20.15	191.16	0.000	0.000	791.61	0.00	0.00
35	95.00	MC-PK10-DSH	1	35.708	39.279	1.00	1.00	46.50	1502.37	0.000	0.000	1826.48	0.00	0.00
							Totals:		**12,580.68**			**19,191.39**		

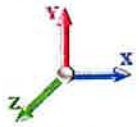
Total Applied Force Summary

Structure:	CT11560-A		**Code:**	TIA-222-H	7/10/2023
Site Name:	Sterling 6 CT		**Exposure:**	B	
Height:	140.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 24

Load Case: 0.9D + 1.0W 124 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
2.00		224.16	612.75	0.00	0.00
4.00		222.52	608.75	0.00	0.00
6.00		220.88	604.75	0.00	0.00
8.00		219.24	600.75	0.00	0.00
10.00		217.60	596.75	0.00	0.00
12.00		215.96	592.75	0.00	0.00
14.00		214.32	588.75	0.00	0.00
16.00		212.68	584.75	0.00	0.00
18.00		211.04	580.75	0.00	0.00
20.00		209.40	576.75	0.00	0.00
22.00		207.75	572.75	0.00	0.00
24.00		206.11	568.75	0.00	0.00
25.00		102.44	282.87	0.00	0.00
26.00		102.03	246.83	0.00	0.00
28.00		202.83	491.08	0.00	0.00
30.00		201.36	487.65	0.00	0.00
32.00		203.44	484.22	0.00	0.00
34.00		205.29	480.79	0.00	0.00
36.00		206.94	477.37	0.00	0.00
38.00		208.40	473.94	0.00	0.00
40.00		209.70	470.51	0.00	0.00
41.00		104.92	233.97	0.00	0.00
42.00		106.63	434.01	0.00	0.00
44.00		214.74	862.87	0.00	0.00
46.00		215.63	856.01	0.00	0.00
48.00		216.39	849.15	0.00	0.00
50.00		217.03	458.83	0.00	0.00
52.00		217.56	455.40	0.00	0.00
54.00		217.97	451.97	0.00	0.00
56.00		218.29	448.54	0.00	0.00
58.00		218.50	445.12	0.00	0.00
60.00		218.63	441.69	0.00	0.00
62.00		218.67	438.26	0.00	0.00
64.00		218.62	434.83	0.00	0.00
66.00		218.49	431.40	0.00	0.00
68.00		218.29	427.97	0.00	0.00
70.00		218.02	424.54	0.00	0.00
72.00		217.67	421.11	0.00	0.00
74.00		217.25	417.68	0.00	0.00
76.00		216.77	414.26	0.00	0.00
78.00		216.23	410.83	0.00	0.00
80.00		215.63	407.40	0.00	0.00
82.00		214.97	403.97	0.00	0.00
84.00		214.25	400.54	0.00	0.00
85.00		106.66	198.98	0.00	0.00
86.00		107.93	336.20	0.00	0.00

Total Applied Force Summary

Structure:	CT11560-A		**Code:**	TIA-222-H	7/10/2023
Site Name:	Sterling 6 CT		**Exposure:**	B	
Height:	140.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 25

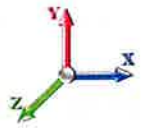
88.00		215.62	667.68	0.00	0.00
90.00		214.76	661.39	0.00	0.00
91.00		106.87	328.34	0.00	0.00
92.00		106.64	168.73	0.00	0.00
94.00		212.89	335.32	0.00	0.00
95.00	(11) attachments	3035.07	2254.86	0.00	0.00
96.00		105.66	164.24	0.00	0.00
98.00		210.83	326.33	0.00	0.00
100.00		209.74	323.47	0.00	0.00
102.00		208.60	320.62	0.00	0.00
104.00		207.42	317.76	0.00	0.00
106.00		206.19	314.90	0.00	0.00
108.00		204.93	312.04	0.00	0.00
110.00		203.63	309.19	0.00	0.00
112.00		202.29	306.33	0.00	0.00
114.00		200.91	303.47	0.00	0.00
116.00		199.49	300.61	0.00	0.00
118.00		198.04	297.76	0.00	0.00
120.00	(17) attachments	5282.53	4366.87	0.00	0.00
122.00		195.03	278.54	0.00	0.00
124.00		193.48	275.68	0.00	0.00
126.00		191.89	272.83	0.00	0.00
128.00		190.27	269.97	0.00	0.00
130.00	(42) attachments	6061.18	3374.47	0.00	0.00
132.00		189.60	409.69	0.00	0.00
134.00		187.90	404.54	0.00	0.00
135.00		93.20	200.34	0.00	0.00
136.00		92.77	96.71	0.00	0.00
137.00	(29) attachments	5396.01	3409.21	0.00	0.00
138.00		91.89	84.22	0.00	0.00
140.00		182.62	166.73	0.00	0.00
	Totals:	**33,807.79**	**44,112.64**	**0.00**	**0.00**

Linear Appurtenance Segment Forces (Factored)

Structure: CT11560-A
Site Name: Sterling 6 CT
Height: 140.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 7/10/2023
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

Load Case: 0.9D + 1.0W 124 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)
2.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.015	0.000	25.667	0.00	0.49
2.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.015	0.000	25.667	0.00	3.74
4.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	25.667	0.00	0.49
4.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	25.667	0.00	3.74
6.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	25.667	0.00	0.49
6.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	25.667	0.00	3.74
8.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	25.667	0.00	0.49
8.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	25.667	0.00	3.74
10.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	25.667	0.00	0.49
10.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	25.667	0.00	3.74
12.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	25.667	0.00	0.49
12.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	25.667	0.00	3.74
14.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	25.667	0.00	0.49
14.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	25.667	0.00	3.74
16.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	25.667	0.00	0.49
16.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	25.667	0.00	3.74
18.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	25.667	0.00	0.49
18.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	25.667	0.00	3.74
20.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.017	0.000	25.667	0.00	0.49
20.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.017	0.000	25.667	0.00	3.74
22.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.017	0.000	25.667	0.00	0.49
22.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.017	0.000	25.667	0.00	3.74
24.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.017	0.000	25.667	0.00	0.49
24.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.017	0.000	25.667	0.00	3.74
25.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.017	0.000	25.667	0.00	0.25
25.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.017	0.000	25.667	0.00	1.87
26.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.017	0.000	25.667	0.00	0.25
26.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.017	0.000	25.667	0.00	1.87
28.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.017	0.000	25.667	0.00	0.49
28.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.017	0.000	25.667	0.00	3.74
30.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.017	0.000	25.689	0.00	0.49
30.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.017	0.000	25.689	0.00	3.74
32.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.017	0.000	26.167	0.00	0.49
32.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.017	0.000	26.167	0.00	3.74
34.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.018	0.000	26.624	0.00	0.49
34.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.018	0.000	26.624	0.00	3.74
36.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.018	0.000	27.062	0.00	0.49
36.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.018	0.000	27.062	0.00	3.74
38.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.018	0.000	27.484	0.00	0.49
38.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.018	0.000	27.484	0.00	3.74
40.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.018	0.000	27.889	0.00	0.49
40.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.018	0.000	27.889	0.00	3.74
41.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.018	0.000	28.087	0.00	0.25
41.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.018	0.000	28.087	0.00	1.87
42.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.018	0.000	28.281	0.00	0.25
42.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.018	0.000	28.281	0.00	1.87
44.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.018	0.000	28.659	0.00	0.49

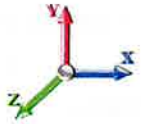
Linear Appurtenance Segment Forces (Factored)

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 27	

Load Case: 0.9D + 1.0W 124 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)
44.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.018	0.000	28.659	0.00	3.74
46.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.018	0.000	29.026	0.00	0.49
46.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.018	0.000	29.026	0.00	3.74
48.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	29.381	0.00	0.49
48.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	29.381	0.00	3.74
50.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	29.725	0.00	0.49
50.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	29.725	0.00	3.74
52.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	30.060	0.00	0.49
52.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	30.060	0.00	3.74
54.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	30.386	0.00	0.49
54.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	30.386	0.00	3.74
56.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	30.704	0.00	0.49
56.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	30.704	0.00	3.74
58.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	31.013	0.00	0.49
58.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	31.013	0.00	3.74
60.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	31.315	0.00	0.49
60.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	31.315	0.00	3.74
62.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	31.610	0.00	0.49
62.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	31.610	0.00	3.74
64.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	31.898	0.00	0.49
64.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	31.898	0.00	3.74
66.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	32.179	0.00	0.49
66.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	32.179	0.00	3.74
68.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	32.455	0.00	0.49
68.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	32.455	0.00	3.74
70.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	32.725	0.00	0.49
70.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	32.725	0.00	3.74
72.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	32.989	0.00	0.49
72.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	32.989	0.00	3.74
74.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.021	0.000	33.249	0.00	0.49
74.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.021	0.000	33.249	0.00	3.74
76.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.021	0.000	33.503	0.00	0.49
76.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.021	0.000	33.503	0.00	3.74
78.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.021	0.000	33.752	0.00	0.49
78.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.021	0.000	33.752	0.00	3.74
80.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.021	0.000	33.997	0.00	0.49
80.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.021	0.000	33.997	0.00	3.74
82.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.022	0.000	34.238	0.00	0.49
82.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.022	0.000	34.238	0.00	3.74
84.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.022	0.000	34.475	0.00	0.49
84.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.022	0.000	34.475	0.00	3.74
85.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.022	0.000	34.591	0.00	0.25
85.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.022	0.000	34.591	0.00	1.87
86.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.022	0.000	34.707	0.00	0.25
86.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.022	0.000	34.707	0.00	1.87
88.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.022	0.000	34.936	0.00	0.49
88.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.022	0.000	34.936	0.00	3.74

Linear Appurtenance Segment Forces (Factored)

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 28	

Load Case: 0.9D + 1.0W 124 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)
90.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.022	0.000	35.161	0.00	0.49
90.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.022	0.000	35.161	0.00	3.74
91.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.023	0.000	35.272	0.00	0.25
91.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.023	0.000	35.272	0.00	1.87
92.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.022	0.000	35.382	0.00	0.25
92.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.022	0.000	35.382	0.00	1.87
94.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.023	0.000	35.601	0.00	0.49
94.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.023	0.000	35.601	0.00	3.74
95.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.023	0.000	35.708	0.00	0.25
95.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.023	0.000	35.708	0.00	1.87
96.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.023	0.000	35.815	0.00	0.25
96.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.023	0.000	35.815	0.00	1.87
98.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.023	0.000	36.027	0.00	0.49
98.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.023	0.000	36.027	0.00	3.74
100.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.023	0.000	36.236	0.00	0.49
100.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.023	0.000	36.236	0.00	3.74
102.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.024	0.000	36.441	0.00	0.49
102.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.024	0.000	36.441	0.00	3.74
104.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.024	0.000	36.644	0.00	0.49
104.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.024	0.000	36.644	0.00	3.74
106.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.024	0.000	36.844	0.00	0.49
106.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.024	0.000	36.844	0.00	3.74
108.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.024	0.000	37.041	0.00	0.49
108.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.024	0.000	37.041	0.00	3.74
110.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.025	0.000	37.236	0.00	0.49
110.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.025	0.000	37.236	0.00	3.74
112.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.025	0.000	37.428	0.00	0.49
112.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.025	0.000	37.428	0.00	3.74
114.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.025	0.000	37.618	0.00	0.49
114.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.025	0.000	37.618	0.00	3.74
116.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.026	0.000	37.805	0.00	0.49
116.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.026	0.000	37.805	0.00	3.74
118.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.026	0.000	37.990	0.00	0.49
118.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.026	0.000	37.990	0.00	3.74
120.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.026	0.000	38.173	0.00	0.49
120.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.026	0.000	38.173	0.00	3.74
122.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.027	0.000	38.354	0.00	0.49
122.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.027	0.000	38.354	0.00	3.74
124.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.027	0.000	38.532	0.00	0.49
124.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.027	0.000	38.532	0.00	3.74
126.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.027	0.000	38.709	0.00	0.49
126.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.027	0.000	38.709	0.00	3.74
128.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.028	0.000	38.884	0.00	0.49
128.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.028	0.000	38.884	0.00	3.74
130.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.028	0.000	39.056	0.00	0.49
130.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.028	0.000	39.056	0.00	3.74
132.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.028	0.000	39.227	0.00	0.49

Linear Appurtenance Segment Forces (Factored)

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 29	

Load Case: 0.9D + 1.0W 124 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)
132.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.028	0.000	39.227	0.00	3.74
134.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.029	0.000	39.396	0.00	0.49
134.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.029	0.000	39.396	0.00	3.74
135.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.029	0.000	39.480	0.00	0.25
135.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.029	0.000	39.480	0.00	1.87
136.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.029	0.000	39.563	0.00	0.25
136.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.029	0.000	39.563	0.00	1.87
137.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.029	0.000	39.646	0.00	0.25
137.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.029	0.000	39.646	0.00	1.87
138.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.029	0.000	39.728	0.00	0.25
138.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.029	0.000	39.728	0.00	1.87
140.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.030	0.000	39.892	0.00	0.49
140.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.030	0.000	39.892	0.00	3.74
										Totals:	**0.0**	**296.5**

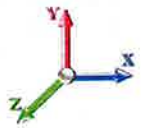
Calculated Forces

Structure: CT11560-A
Site Name: Sterling 6 CT
Height: 140.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

7/10/2023

Load Case: 0.9D + 1.0W 124 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	-44.10	-33.82	0.00	-3463.8	0.00	3463.86	5803.10	1561.17	8297.91	7657.05	0.00	0.000	0.000	0.460
2.00	-43.46	-33.63	0.00	-3396.2	0.00	3396.21	5778.21	1549.71	8176.51	7567.86	0.01	-0.042	0.000	0.457
4.00	-42.83	-33.44	0.00	-3328.9	0.00	3328.95	5753.06	1538.25	8056.00	7478.80	0.04	-0.085	0.000	0.453
6.00	-42.20	-33.25	0.00	-3262.0	0.00	3262.07	5727.65	1526.78	7936.39	7389.90	0.08	-0.127	0.000	0.449
8.00	-41.57	-33.06	0.00	-3195.5	0.00	3195.57	5701.98	1515.32	7817.67	7301.16	0.14	-0.170	0.000	0.445
10.00	-40.95	-32.87	0.00	-3129.4	0.00	3129.46	5676.04	1503.86	7699.85	7212.59	0.23	-0.212	0.000	0.442
12.00	-40.34	-32.68	0.00	-3063.7	0.00	3063.72	5649.84	1492.40	7582.92	7124.20	0.32	-0.255	0.000	0.438
14.00	-39.73	-32.49	0.00	-2998.3	0.00	2998.35	5623.38	1480.93	7466.89	7035.98	0.44	-0.298	0.000	0.434
16.00	-39.12	-32.31	0.00	-2933.3	0.00	2933.36	5596.66	1469.47	7351.75	6947.96	0.58	-0.341	0.000	0.430
18.00	-38.51	-32.12	0.00	-2868.7	0.00	2868.75	5569.67	1458.01	7237.50	6860.14	0.73	-0.384	0.000	0.426
20.00	-37.92	-31.94	0.00	-2804.5	0.00	2804.51	5542.43	1446.55	7124.15	6772.52	0.90	-0.427	0.000	0.421
22.00	-37.32	-31.75	0.00	-2740.6	0.00	2740.63	5514.92	1435.08	7011.70	6685.11	1.09	-0.470	0.000	0.417
24.00	-36.74	-31.56	0.00	-2677.1	0.00	2677.13	5487.15	1423.62	6900.13	6597.93	1.29	-0.513	0.000	0.413
25.00	-36.44	-31.47	0.00	-2645.5	0.00	2645.57	5473.16	1417.89	6844.69	6554.42	1.40	-0.534	0.000	0.411
25.00	-36.44	-31.47	0.00	-2645.5	0.00	2645.57	4407.37	1216.64	5879.49	5289.42	1.40	-0.534	0.000	0.509
26.00	-36.18	-31.39	0.00	-2614.0	0.00	2614.09	4397.65	1211.73	5832.10	5256.32	1.52	-0.556	0.000	0.506
28.00	-35.66	-31.21	0.00	-2551.3	0.00	2551.32	4378.03	1201.90	5737.91	5190.16	1.76	-0.606	0.000	0.500
30.00	-35.15	-31.04	0.00	-2488.8	0.00	2488.89	4358.14	1192.08	5644.49	5124.08	2.03	-0.656	0.000	0.494
32.00	-34.64	-30.86	0.00	-2426.8	0.00	2426.82	4338.00	1182.25	5551.83	5058.08	2.31	-0.706	0.000	0.488
34.00	-34.13	-30.68	0.00	-2365.1	0.00	2365.10	4317.58	1172.43	5459.94	4992.17	2.62	-0.756	0.000	0.482
36.00	-33.63	-30.49	0.00	-2303.7	0.00	2303.75	4296.91	1162.60	5368.81	4926.35	2.95	-0.806	0.000	0.476
38.00	-33.14	-30.31	0.00	-2242.7	0.00	2242.76	4275.98	1152.78	5278.46	4860.65	3.30	-0.856	0.000	0.470
40.00	-32.65	-30.11	0.00	-2182.1	0.00	2182.15	4254.78	1142.95	5188.87	4795.05	3.67	-0.906	0.000	0.463
41.00	-32.40	-30.02	0.00	-2152.0	0.00	2152.04	4244.08	1138.04	5144.36	4762.30	3.86	-0.931	0.000	0.460
42.00	-31.95	-29.92	0.00	-2122.0	0.00	2122.03	4233.32	1133.13	5100.04	4729.58	4.06	-0.956	0.000	0.457
44.00	-31.07	-29.72	0.00	-2062.1	0.00	2062.18	4211.60	1123.30	5011.98	4664.23	4.47	-1.005	0.000	0.450
46.00	-30.19	-29.52	0.00	-2002.7	0.00	2002.74	4189.62	1113.48	4924.69	4599.03	4.90	-1.055	0.000	0.443
48.00	-29.32	-29.31	0.00	-1943.7	0.00	1943.71	4202.72	1119.32	4976.50	4637.78	5.35	-1.104	0.000	0.427
50.00	-28.84	-29.11	0.00	-1885.1	0.00	1885.10	4180.63	1109.50	4889.52	4572.63	5.83	-1.153	0.000	0.420
52.00	-28.37	-28.90	0.00	-1826.8	0.00	1826.89	4158.28	1099.67	4803.31	4507.62	6.32	-1.200	0.000	0.413
54.00	-27.90	-28.70	0.00	-1769.0	0.00	1769.08	4135.67	1089.85	4717.86	4442.77	6.83	-1.247	0.000	0.406
56.00	-27.43	-28.49	0.00	-1711.6	0.00	1711.69	4112.79	1080.02	4633.18	4378.08	7.37	-1.293	0.000	0.398
58.00	-26.97	-28.28	0.00	-1654.7	0.00	1654.70	4089.65	1070.20	4549.27	4313.56	7.92	-1.339	0.000	0.391
60.00	-26.51	-28.08	0.00	-1598.1	0.00	1598.14	4066.25	1060.37	4466.12	4249.22	8.49	-1.385	0.000	0.383
62.00	-26.05	-27.87	0.00	-1541.9	0.00	1541.98	4042.59	1050.55	4383.75	4185.07	9.08	-1.430	0.000	0.376
64.00	-25.60	-27.66	0.00	-1486.2	0.00	1486.25	4018.67	1040.72	4302.13	4121.10	9.69	-1.475	0.000	0.368
66.00	-25.16	-27.45	0.00	-1430.9	0.00	1430.93	3994.48	1030.90	4221.29	4057.34	10.32	-1.520	0.000	0.360
68.00	-24.71	-27.24	0.00	-1376.0	0.00	1376.04	3970.03	1021.07	4141.21	3993.79	10.97	-1.564	0.000	0.351
70.00	-24.27	-27.03	0.00	-1321.5	0.00	1321.56	3945.32	1011.25	4061.90	3930.45	11.63	-1.608	0.000	0.343
72.00	-23.84	-26.81	0.00	-1267.5	0.00	1267.51	3920.35	1001.42	3983.36	3867.33	12.31	-1.651	0.000	0.335
74.00	-23.41	-26.60	0.00	-1213.8	0.00	1213.88	3895.11	991.60	3905.58	3804.45	13.02	-1.694	0.000	0.326
76.00	-22.98	-26.39	0.00	-1160.6	0.00	1160.68	3869.62	981.77	3828.57	3741.80	13.73	-1.736	0.000	0.317
78.00	-22.56	-26.18	0.00	-1107.9	0.00	1107.90	3843.86	971.95	3752.32	3679.40	14.47	-1.777	0.000	0.308
80.00	-22.14	-25.96	0.00	-1055.5	0.00	1055.55	3817.84	962.12	3676.85	3617.26	15.22	-1.818	0.000	0.298
82.00	-21.73	-25.75	0.00	-1003.6	0.00	1003.62	3791.55	952.30	3602.14	3555.38	15.99	-1.858	0.000	0.289
84.00	-21.32	-25.54	0.00	-952.11	0.00	952.11	3765.01	942.47	3528.19	3493.76	16.78	-1.897	0.000	0.279
85.00	-21.12	-25.43	0.00	-926.58	0.00	926.58	3751.64	937.56	3491.51	3463.06	17.18	-1.916	0.000	0.274
86.00	-20.77	-25.32	0.00	-901.15	0.00	901.15	3738.20	932.65	3455.02	3432.43	17.59	-1.935	0.000	0.269

Calculated Forces

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 31	

88.00	-20.09	-25.10	0.00	-850.51	0.00	850.51	3711.13	922.82	3382.61	3371.38	18.40	-1.972	0.000	0.258
90.00	-19.43	-24.87	0.00	-800.32	0.00	800.32	3683.80	913.00	3310.96	3310.62	19.24	-2.009	0.000	0.248
91.00	-19.10	-24.75	0.00	-775.45	0.00	775.45	2899.19	768.71	2816.54	2636.38	19.66	-2.026	0.000	0.302
92.00	-18.92	-24.65	0.00	-750.70	0.00	750.70	2889.87	764.61	2786.62	2613.82	20.09	-2.044	0.000	0.295
94.00	-18.58	-24.44	0.00	-701.40	0.00	701.40	2871.03	756.42	2727.26	2568.78	20.95	-2.083	0.000	0.281
95.00	-16.43	-21.33	0.00	-676.96	0.00	676.96	2861.52	752.33	2697.82	2546.31	21.39	-2.102	0.000	0.272
96.00	-16.26	-21.22	0.00	-655.64	0.00	655.64	2851.93	748.24	2668.54	2523.87	21.83	-2.121	0.000	0.266
98.00	-15.93	-21.01	0.00	-613.19	0.00	613.19	2832.57	740.05	2610.46	2479.11	22.73	-2.157	0.000	0.254
100.00	-15.60	-20.80	0.00	-571.18	0.00	571.18	2812.95	731.86	2553.02	2434.50	23.64	-2.192	0.000	0.241
102.00	-15.28	-20.58	0.00	-529.59	0.00	529.59	2793.07	723.67	2496.22	2390.05	24.57	-2.226	0.000	0.228
104.00	-14.96	-20.37	0.00	-488.42	0.00	488.42	2772.92	715.49	2440.06	2345.77	25.51	-2.258	0.000	0.214
106.00	-14.64	-20.16	0.00	-447.67	0.00	447.67	2752.51	707.30	2384.53	2301.65	26.46	-2.288	0.000	0.201
108.00	-14.33	-19.95	0.00	-407.35	0.00	407.35	2731.84	699.11	2329.65	2257.73	27.43	-2.317	0.000	0.186
110.00	-14.02	-19.74	0.00	-367.45	0.00	367.45	2710.91	690.92	2275.40	2213.98	28.40	-2.344	0.000	0.172
112.00	-13.71	-19.53	0.00	-327.96	0.00	327.96	2689.71	682.74	2221.79	2170.44	29.39	-2.370	0.000	0.157
114.00	-13.41	-19.33	0.00	-288.90	0.00	288.90	2668.26	674.55	2168.82	2127.10	30.39	-2.393	0.000	0.142
116.00	-13.11	-19.12	0.00	-250.25	0.00	250.25	2646.54	666.36	2116.50	2083.97	31.40	-2.414	0.000	0.126
118.00	-12.82	-18.91	0.00	-212.01	0.00	212.01	2624.55	658.18	2064.81	2041.07	32.41	-2.433	0.000	0.110
120.00	-8.67	-13.45	0.00	-174.19	0.00	174.19	2602.31	649.99	2013.75	1998.39	33.43	-2.449	0.000	0.091
122.00	-8.40	-13.24	0.00	-147.29	0.00	147.29	2579.81	641.80	1963.34	1955.94	34.46	-2.463	0.000	0.079
124.00	-8.13	-13.04	0.00	-120.80	0.00	120.80	2557.04	633.61	1913.57	1913.74	35.50	-2.475	0.000	0.067
126.00	-7.87	-12.84	0.00	-94.72	0.00	94.72	2534.01	625.43	1864.44	1871.79	36.54	-2.485	0.000	0.054
128.00	-7.60	-12.64	0.00	-69.04	0.00	69.04	2510.72	617.24	1815.94	1830.10	37.58	-2.493	0.000	0.041
130.00	-4.49	-6.44	0.00	-43.76	0.00	43.76	2487.16	609.05	1768.08	1788.67	38.63	-2.499	0.000	0.026
132.00	-4.09	-6.23	0.00	-30.89	0.00	30.89	2463.34	600.86	1720.87	1747.52	39.67	-2.503	0.000	0.019
134.00	-3.70	-6.02	0.00	-18.44	0.00	18.44	2439.27	592.68	1674.29	1706.65	40.72	-2.506	0.000	0.012
135.00	-3.50	-5.92	0.00	-12.41	0.00	12.41	1824.83	478.70	1365.31	1291.47	41.25	-2.506	0.000	0.012
136.00	-3.41	-5.83	0.00	-6.49	0.00	6.49	1817.10	475.42	1346.69	1277.14	41.77	-2.507	0.000	0.007
137.00	-0.24	-0.29	0.00	-0.66	0.00	0.66	1809.31	472.15	1328.20	1262.84	42.30	-2.507	0.000	0.001
138.00	-0.16	-0.19	0.00	-0.38	0.00	0.38	1801.45	468.87	1309.84	1248.56	42.82	-2.507	0.000	0.000
140.00	0.00	-0.18	0.00	0.00	0.00	0.00	1785.54	462.32	1273.50	1220.12	43.87	-2.507	0.000	0.000

Wind Loading - Shaft

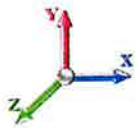
Structure: CT11560-A
Site Name: Sterling 6 CT
Height: 140.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

7/10/2023

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	0.70	4.173	4.59	0.00	1.200	0.000	0.00	0.000	0.00	0.0	0.0	0.0
2.00		1.00	0.70	4.173	4.59	0.00	1.200	0.756	2.00	11.128	13.35	61.3	122.7	846.5
4.00		1.00	0.70	4.173	4.59	0.00	1.200	0.810	2.00	11.066	13.28	61.0	130.6	849.1
6.00		1.00	0.70	4.173	4.59	0.00	1.200	0.843	2.00	10.998	13.20	60.6	135.1	848.2
8.00		1.00	0.70	4.173	4.59	0.00	1.200	0.868	2.00	10.927	13.11	60.2	138.1	845.9
10.00		1.00	0.70	4.173	4.59	0.00	1.200	0.887	2.00	10.853	13.02	59.8	140.2	842.7
12.00		1.00	0.70	4.173	4.59	0.00	1.200	0.904	2.00	10.779	12.94	59.4	141.7	838.9
14.00		1.00	0.70	4.173	4.59	0.00	1.200	0.918	2.00	10.704	12.85	59.0	142.9	834.7
16.00		1.00	0.70	4.173	4.59	0.00	1.200	0.930	2.00	10.629	12.75	58.6	143.8	830.2
18.00		1.00	0.70	4.173	4.59	0.00	1.200	0.941	2.00	10.553	12.66	58.1	144.4	825.5
20.00		1.00	0.70	4.173	4.59	0.00	1.200	0.951	2.00	10.477	12.57	57.7	144.8	820.6
22.00		1.00	0.70	4.173	4.59	0.00	1.200	0.960	2.00	10.400	12.48	57.3	145.1	815.5
24.00		1.00	0.70	4.173	4.59	0.00	1.200	0.969	2.00	10.323	12.39	56.9	145.2	810.4
25.00	Top - Section 1	1.00	0.70	4.173	4.59	0.00	1.200	0.973	1.00	5.132	6.16	28.3	72.6	403.2
26.00		1.00	0.70	4.173	4.59	0.00	1.200	0.976	1.00	5.113	6.14	28.2	72.6	355.1
28.00		1.00	0.70	4.173	4.59	0.00	1.200	0.984	2.00	10.169	12.20	56.0	145.2	706.8
30.00		1.00	0.70	4.177	4.59	0.00	1.200	0.991	2.00	10.092	12.11	55.6	145.1	702.1
32.00		1.00	0.71	4.254	4.68	0.00	1.200	0.997	2.00	10.014	12.02	56.2	144.8	697.3
34.00		1.00	0.73	4.329	4.76	0.00	1.200	1.003	2.00	9.937	11.92	56.8	144.5	692.4
36.00		1.00	0.74	4.400	4.84	0.00	1.200	1.009	2.00	9.859	11.83	57.3	144.2	687.5
38.00		1.00	0.75	4.469	4.92	0.00	1.200	1.014	2.00	9.781	11.74	57.7	143.8	682.5
40.00		1.00	0.76	4.535	4.99	0.00	1.200	1.019	2.00	9.703	11.64	58.1	143.3	677.5
41.00	Bot - Section 3	1.00	0.77	4.567	5.02	0.00	1.200	1.022	1.00	4.822	5.79	29.1	71.6	336.9
42.00		1.00	0.77	4.598	5.06	0.00	1.200	1.024	1.00	4.866	5.84	29.5	72.4	604.5
44.00		1.00	0.78	4.660	5.13	0.00	1.200	1.029	2.00	9.674	11.61	59.5	144.3	1201.5
46.00		1.00	0.79	4.719	5.19	0.00	1.200	1.034	2.00	9.596	11.52	59.8	143.7	1191.8
48.00	Top - Section 2	1.00	0.80	4.777	5.25	0.00	1.200	1.038	2.00	9.518	11.42	60.0	143.1	1182.1
50.00		1.00	0.81	4.833	5.32	0.00	1.200	1.042	2.00	9.440	11.33	60.2	142.5	661.0
52.00		1.00	0.82	4.888	5.38	0.00	1.200	1.047	2.00	9.362	11.23	60.4	141.8	655.8
54.00		1.00	0.83	4.941	5.43	0.00	1.200	1.050	2.00	9.283	11.14	60.5	141.1	650.5
56.00		1.00	0.84	4.992	5.49	0.00	1.200	1.054	2.00	9.205	11.05	60.7	140.4	645.2
58.00		1.00	0.85	5.042	5.55	0.00	1.200	1.058	2.00	9.127	10.95	60.7	139.6	639.9
60.00		1.00	0.85	5.092	5.60	0.00	1.200	1.062	2.00	9.048	10.86	60.8	138.9	634.6
62.00		1.00	0.86	5.139	5.65	0.00	1.200	1.065	2.00	8.970	10.76	60.9	138.1	629.2
64.00		1.00	0.87	5.186	5.70	0.00	1.200	1.068	2.00	8.891	10.67	60.9	137.3	623.8
66.00		1.00	0.88	5.232	5.76	0.00	1.200	1.072	2.00	8.813	10.58	60.9	136.4	618.4
68.00		1.00	0.89	5.277	5.80	0.00	1.200	1.075	2.00	8.734	10.48	60.8	135.6	613.0
70.00		1.00	0.89	5.321	5.85	0.00	1.200	1.078	2.00	8.656	10.39	60.8	134.7	607.6
72.00		1.00	0.90	5.364	5.90	0.00	1.200	1.081	2.00	8.577	10.29	60.7	133.8	602.1
74.00		1.00	0.91	5.406	5.95	0.00	1.200	1.084	2.00	8.499	10.20	60.6	132.9	596.6
76.00		1.00	0.91	5.447	5.99	0.00	1.200	1.087	2.00	8.420	10.10	60.5	132.0	591.1
78.00		1.00	0.92	5.488	6.04	0.00	1.200	1.090	2.00	8.341	10.01	60.4	131.1	585.6
80.00		1.00	0.93	5.528	6.08	0.00	1.200	1.093	2.00	8.263	9.92	60.3	130.1	580.1
82.00		1.00	0.93	5.567	6.12	0.00	1.200	1.095	2.00	8.184	9.82	60.1	129.2	574.6
84.00		1.00	0.94	5.605	6.17	0.00	1.200	1.098	2.00	8.105	9.73	60.0	128.2	569.0
85.00	Bot - Section 4	1.00	0.94	5.624	6.19	0.00	1.200	1.099	1.00	4.023	4.83	29.9	63.8	282.6
86.00		1.00	0.95	5.643	6.21	0.00	1.200	1.101	1.00	4.056	4.87	30.2	64.5	466.1

Wind Loading - Shaft

Structure: CT11560-A
Site Name: Sterling 6 CT
Height: 140.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1
Topography: 1

Code: TIA-222-H
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

7/10/2023

88.00	1.00	0.95	5.680	6.25	0.00	1.200	1.103	2.00	8.054	9.66	60.4	127.9	925.0
90.00	1.00	0.96	5.717	6.29	0.00	1.200	1.106	2.00	7.975	9.57	60.2	126.9	915.6
91.00 Top - Section 3	1.00	0.96	5.735	6.31	0.00	1.200	1.107	1.00	3.958	4.75	30.0	63.2	454.4
92.00	1.00	0.96	5.753	6.33	0.00	1.200	1.108	1.00	3.938	4.73	29.9	62.9	241.3
94.00	1.00	0.97	5.788	6.37	0.00	1.200	1.110	2.00	7.817	9.38	59.7	124.9	478.8
95.00 Appurtenance(s)	1.00	0.97	5.806	6.39	0.00	1.200	1.112	1.00	3.879	4.65	29.7	62.2	237.7
96.00	1.00	0.98	5.823	6.41	0.00	1.200	1.113	1.00	3.859	4.63	29.7	61.9	236.5
98.00	1.00	0.98	5.858	6.44	0.00	1.200	1.115	2.00	7.659	9.19	59.2	122.8	469.0
100.00	1.00	0.99	5.892	6.48	0.00	1.200	1.117	2.00	7.581	9.10	59.0	121.7	464.2
102.00	1.00	0.99	5.925	6.52	0.00	1.200	1.119	2.00	7.502	9.00	58.7	120.6	459.3
104.00	1.00	1.00	5.958	6.55	0.00	1.200	1.122	2.00	7.423	8.91	58.4	119.6	454.4
106.00	1.00	1.00	5.990	6.59	0.00	1.200	1.124	2.00	7.344	8.81	58.1	118.5	449.5
108.00	1.00	1.01	6.023	6.62	0.00	1.200	1.126	2.00	7.265	8.72	57.8	117.4	444.6
110.00	1.00	1.02	6.054	6.66	0.00	1.200	1.128	2.00	7.186	8.62	57.4	116.3	439.7
112.00	1.00	1.02	6.085	6.69	0.00	1.200	1.130	2.00	7.107	8.53	57.1	115.1	434.7
114.00	1.00	1.03	6.116	6.73	0.00	1.200	1.132	2.00	7.028	8.43	56.7	114.0	429.8
116.00	1.00	1.03	6.147	6.76	0.00	1.200	1.134	2.00	6.949	8.34	56.4	112.9	424.9
118.00	1.00	1.04	6.177	6.79	0.00	1.200	1.136	2.00	6.870	8.24	56.0	111.7	419.9
120.00 Appurtenance(s)	1.00	1.04	6.207	6.83	0.00	1.200	1.138	2.00	6.791	8.15	55.6	110.6	415.0
122.00	1.00	1.05	6.236	6.86	0.00	1.200	1.140	2.00	6.713	8.06	55.3	109.4	410.0
124.00	1.00	1.05	6.265	6.89	0.00	1.200	1.142	2.00	6.634	7.96	54.9	108.3	405.0
126.00	1.00	1.06	6.294	6.92	0.00	1.200	1.143	2.00	6.555	7.87	54.5	107.1	400.0
128.00	1.00	1.06	6.322	6.95	0.00	1.200	1.145	2.00	6.476	7.77	54.0	105.9	395.1
130.00 Bot - Section 5	1.00	1.07	6.350	6.99	0.00	1.200	1.147	2.00	6.397	7.68	53.6	104.7	390.1
132.00	1.00	1.07	6.378	7.02	0.00	1.200	1.149	2.00	6.402	7.68	53.9	105.0	615.4
134.00	1.00	1.07	6.405	7.05	0.00	1.200	1.150	2.00	6.323	7.59	53.5	103.8	607.3
135.00 Top - Section 4	1.00	1.08	6.419	7.06	0.00	1.200	1.151	1.00	3.132	3.76	26.5	51.6	300.8
136.00	1.00	1.08	6.433	7.08	0.00	1.200	1.152	1.00	3.112	3.73	26.4	51.3	162.3
137.00 Appurtenance(s)	1.00	1.08	6.446	7.09	0.00	1.200	1.153	1.00	3.092	3.71	26.3	51.0	161.2
138.00	1.00	1.08	6.459	7.11	0.00	1.200	1.154	1.00	3.073	3.69	26.2	50.7	160.2
140.00	1.00	1.09	6.486	7.13	0.00	1.200	1.155	2.00	6.086	7.30	52.1	100.2	316.8
							Totals:	**140.00**			**4,079.3**		**45,074.7**

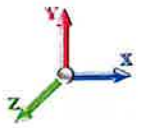
Discrete Appurtenance Forces

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 34	

Load Case: 1.2D + 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	137.00	Low Profile Platform	1	6.446	7.091	1.00	1.00	33.67	2364.73	0.000	0.000	238.73	0.00	0.00
2	137.00	Antel BXA-70063-6CF-2	3	6.446	7.091	0.59	0.75	14.89	283.96	0.000	0.000	105.57	0.00	0.00
3	137.00	JAHH-65B-R3B	6	6.446	7.091	0.63	0.75	52.35	1508.99	0.000	0.000	371.21	0.00	0.00
4	137.00	Samsung B5/B13	3	6.446	7.091	0.59	0.75	3.98	268.40	0.000	0.000	28.23	0.00	0.00
5	137.00	Samsung B2/B66A	3	6.446	7.091	0.62	0.75	4.18	366.70	0.000	0.000	29.66	0.00	0.00
6	137.00	Kaelus BSF0020F3V1-1	4	6.446	7.091	0.52	0.75	2.53	92.68	0.000	0.000	17.94	0.00	0.00
7	137.00	(3) Stabilizer Kit (4' FW)	1	6.446	7.091	1.00	1.00	6.26	224.22	0.000	0.000	44.38	0.00	0.00
8	137.00	MT6407-77A	3	6.446	7.091	0.53	0.75	8.46	482.80	0.000	0.000	59.99	0.00	0.00
9	137.00	Commscope	3	6.446	7.091	0.68	0.75	1.10	51.51	0.000	0.000	7.79	0.00	0.00
10	137.00	Raycap OVP-12	1	6.446	7.091	0.67	0.75	3.07	88.55	0.000	0.000	21.77	0.00	0.00
11	137.00	(3) HR w/ Double V-Brace	1	6.446	7.091	1.00	1.00	26.22	1169.59	0.000	0.000	185.94	0.00	0.00
12	130.00	HRK12 (Handrail Kit)	1	6.350	6.985	1.00	1.00	16.42	779.91	0.000	0.000	114.72	0.00	0.00
13	130.00	HPA-65R-BU8AA	3	6.350	6.985	0.65	0.75	23.86	687.60	0.000	0.000	166.64	0.00	0.00
14	130.00	DMP65R-BU8DA	3	6.350	6.985	0.55	0.75	31.72	1018.71	0.000	0.000	221.57	0.00	0.00
15	130.00	RRUS 4449 B5/B12	3	6.350	6.985	0.68	0.75	4.00	321.34	0.000	0.000	27.94	0.00	0.00
16	130.00	LGP17201	6	6.350	6.985	0.50	0.75	6.06	35.82	0.000	0.000	42.30	0.00	0.00
17	130.00	RRUS 8843 B2 B66A	3	6.350	6.985	0.69	0.75	4.09	317.74	0.000	0.000	28.57	0.00	0.00
18	130.00	Low Profile Platform	1	6.350	6.985	1.00	1.00	33.61	2360.21	0.000	0.000	234.75	0.00	0.00
19	130.00	DC6-48-60-18-8F	1	6.350	6.985	0.61	0.75	2.55	85.79	0.000	0.000	17.80	0.00	0.00
20	130.00	Powerwave LGP21401 -	6	6.350	6.985	0.56	0.75	3.64	187.19	0.000	0.000	25.41	0.00	0.00
21	130.00	7770.00	6	6.350	6.985	0.58	0.75	21.71	686.43	0.000	0.000	151.64	0.00	0.00
22	130.00	15'x2.875"mount pipe	3	6.350	6.985	1.00	1.00	23.55	483.63	0.000	0.000	164.49	0.00	0.00
23	130.00	Powerwave LGP21901 -	6	6.350	6.985	0.50	0.75	10.33	533.92	0.000	0.000	72.15	0.00	0.00
24	120.00	PRK-1245 (kicker kit)	1	6.207	6.827	1.00	1.00	15.99	674.39	0.000	0.000	109.14	0.00	0.00
25	120.00	APX16DWV-16DWVS-E-A	3	6.207	6.827	0.52	0.75	11.12	325.32	0.000	0.000	75.95	0.00	0.00
26	120.00	APXVAA4L24-43-U-NA20	3	6.207	6.827	0.54	0.75	34.77	1571.85	0.000	0.000	237.41	0.00	0.00
27	120.00	AIR6449 B41	3	6.207	6.827	0.53	0.75	10.02	543.89	0.000	0.000	68.38	0.00	0.00
28	120.00	LP-RMQP-4096-HK Plat	1	6.207	6.827	1.00	1.00	76.64	4293.88	0.000	0.000	523.25	0.00	0.00
29	120.00	4460 B25 + B66	3	6.207	6.827	0.68	0.75	5.10	427.82	0.000	0.000	34.80	0.00	0.00
30	120.00	4480 B71 + B85	3	6.207	6.827	0.58	0.75	4.89	402.91	0.000	0.000	33.38	0.00	0.00
31	95.00	Raycap	1	5.806	6.386	1.00	1.00	2.37	47.49	0.000	0.000	15.15	0.00	0.00
32	95.00	Fujitsu TA08025-B605	3	5.806	6.386	0.50	0.75	3.49	332.14	0.000	0.000	22.31	0.00	0.00
33	95.00	Fujitsu TA08025-B604	3	5.806	6.386	0.50	0.75	3.49	290.48	0.000	0.000	22.31	0.00	0.00
34	95.00	Commscope	3	5.806	6.386	0.56	0.75	22.26	128.36	0.000	0.000	142.17	0.00	0.00
35	95.00	MC-PK10-DSH	1	5.806	6.386	1.00	1.00	83.71	2711.53	0.000	0.000	534.64	0.00	0.00
							Totals:		**26,150.46**			**4,198.09**		

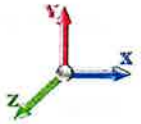
Total Applied Force Summary

Structure:	CT11560-A		**Code:**	TIA-222-H	7/10/2023
Site Name:	Sterling 6 CT		**Exposure:**	B	
Height:	140.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 35

Load Case: 1.2D + 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
2.00		61.30	944.53	0.00	0.00
4.00		60.96	947.70	0.00	0.00
6.00		60.58	947.21	0.00	0.00
8.00		60.19	945.11	0.00	0.00
10.00		59.79	942.11	0.00	0.00
12.00		59.38	938.51	0.00	0.00
14.00		58.97	934.49	0.00	0.00
16.00		58.55	930.15	0.00	0.00
18.00		58.13	925.56	0.00	0.00
20.00		57.71	920.78	0.00	0.00
22.00		57.29	915.83	0.00	0.00
24.00		56.87	910.74	0.00	0.00
25.00		28.27	453.41	0.00	0.00
26.00		28.17	405.37	0.00	0.00
28.00		56.02	807.34	0.00	0.00
30.00		55.64	802.71	0.00	0.00
32.00		56.24	797.99	0.00	0.00
34.00		56.78	793.21	0.00	0.00
36.00		57.26	788.36	0.00	0.00
38.00		57.70	783.46	0.00	0.00
40.00		58.08	778.50	0.00	0.00
41.00		29.07	387.43	0.00	0.00
42.00		29.54	655.00	0.00	0.00
44.00		59.51	1302.68	0.00	0.00
46.00		59.78	1293.03	0.00	0.00
48.00		60.02	1283.34	0.00	0.00
50.00		60.22	762.33	0.00	0.00
52.00		60.40	757.15	0.00	0.00
54.00		60.54	751.93	0.00	0.00
56.00		60.66	746.69	0.00	0.00
58.00		60.75	741.42	0.00	0.00
60.00		60.81	736.13	0.00	0.00
62.00		60.85	730.81	0.00	0.00
64.00		60.87	725.47	0.00	0.00
66.00		60.87	720.11	0.00	0.00
68.00		60.84	714.73	0.00	0.00
70.00		60.79	709.33	0.00	0.00
72.00		60.73	703.91	0.00	0.00
74.00		60.64	698.47	0.00	0.00
76.00		60.54	693.02	0.00	0.00
78.00		60.42	687.55	0.00	0.00
80.00		60.29	682.07	0.00	0.00
82.00		60.14	676.57	0.00	0.00
84.00		59.97	671.06	0.00	0.00
85.00		29.87	333.58	0.00	0.00
86.00		30.21	517.15	0.00	0.00

Total Applied Force Summary

Structure:	CT11560-A		**Code:**	TIA-222-H	7/10/2023
Site Name:	Sterling 6 CT		**Exposure:**	B	
Height:	140.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 36

88.00		60.39	1027.05	0.00	0.00
90.00		60.18	1017.69	0.00	0.00
91.00		29.96	505.46	0.00	0.00
92.00		29.90	292.40	0.00	0.00
94.00		59.73	580.94	0.00	0.00
95.00	(11) attachments	766.30	3798.78	0.00	0.00
96.00		29.66	285.40	0.00	0.00
98.00		59.22	566.92	0.00	0.00
100.00		58.95	562.08	0.00	0.00
102.00		58.67	557.23	0.00	0.00
104.00		58.38	552.37	0.00	0.00
106.00		58.07	547.49	0.00	0.00
108.00		57.76	542.61	0.00	0.00
110.00		57.43	537.72	0.00	0.00
112.00		57.09	532.82	0.00	0.00
114.00		56.74	527.92	0.00	0.00
116.00		56.39	523.00	0.00	0.00
118.00		56.02	518.08	0.00	0.00
120.00	(17) attachments	1137.95	8753.19	0.00	0.00
122.00		55.25	490.20	0.00	0.00
124.00		54.86	485.26	0.00	0.00
126.00		54.45	480.30	0.00	0.00
128.00		54.04	475.34	0.00	0.00
130.00	(42) attachments	1321.60	7968.65	0.00	0.00
132.00		53.90	660.74	0.00	0.00
134.00		53.46	652.72	0.00	0.00
135.00		26.54	323.49	0.00	0.00
136.00		26.42	185.02	0.00	0.00
137.00	(29) attachments	1137.53	7086.10	0.00	0.00
138.00		26.20	167.78	0.00	0.00
140.00		52.11	332.09	0.00	0.00
	Totals:	**8,277.36**	**77,830.87**	**0.00**	**0.00**

Linear Appurtenance Segment Forces (Factored)

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 37	

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

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 21

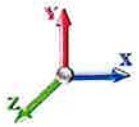
Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
2.00	Safety Cable	Yes	2.00	0.000	0.38	0.32	0.00	0.015	0.000	4.173	0.00	2.51
2.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.36	0.00	0.015	0.000	4.173	0.00	7.99
4.00	Safety Cable	Yes	2.00	0.000	0.38	0.33	0.00	0.016	0.000	4.173	0.00	2.75
4.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.37	0.00	0.016	0.000	4.173	0.00	8.30
6.00	Safety Cable	Yes	2.00	0.000	0.38	0.34	0.00	0.016	0.000	4.173	0.00	2.91
6.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.39	0.00	0.016	0.000	4.173	0.00	8.50
8.00	Safety Cable	Yes	2.00	0.000	0.38	0.35	0.00	0.016	0.000	4.173	0.00	3.03
8.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.39	0.00	0.016	0.000	4.173	0.00	8.65
10.00	Safety Cable	Yes	2.00	0.000	0.38	0.36	0.00	0.016	0.000	4.173	0.00	3.12
10.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.40	0.00	0.016	0.000	4.173	0.00	8.77
12.00	Safety Cable	Yes	2.00	0.000	0.38	0.36	0.00	0.016	0.000	4.173	0.00	3.20
12.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.41	0.00	0.016	0.000	4.173	0.00	8.88
14.00	Safety Cable	Yes	2.00	0.000	0.38	0.37	0.00	0.016	0.000	4.173	0.00	3.27
14.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.41	0.00	0.016	0.000	4.173	0.00	8.97
16.00	Safety Cable	Yes	2.00	0.000	0.38	0.37	0.00	0.016	0.000	4.173	0.00	3.34
16.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.42	0.00	0.016	0.000	4.173	0.00	9.05
18.00	Safety Cable	Yes	2.00	0.000	0.38	0.38	0.00	0.016	0.000	4.173	0.00	3.39
18.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.42	0.00	0.016	0.000	4.173	0.00	9.12
20.00	Safety Cable	Yes	2.00	0.000	0.38	0.38	0.00	0.017	0.000	4.173	0.00	3.44
20.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.42	0.00	0.017	0.000	4.173	0.00	9.18
22.00	Safety Cable	Yes	2.00	0.000	0.38	0.38	0.00	0.017	0.000	4.173	0.00	3.49
22.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.43	0.00	0.017	0.000	4.173	0.00	9.24
24.00	Safety Cable	Yes	2.00	0.000	0.38	0.39	0.00	0.017	0.000	4.173	0.00	3.54
24.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.43	0.00	0.017	0.000	4.173	0.00	9.30
25.00	Safety Cable	Yes	1.00	0.000	0.38	0.19	0.00	0.017	0.000	4.173	0.00	1.78
25.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.21	0.00	0.017	0.000	4.173	0.00	4.66
26.00	Safety Cable	Yes	1.00	0.000	0.38	0.19	0.00	0.017	0.000	4.173	0.00	1.79
26.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.22	0.00	0.017	0.000	4.173	0.00	4.68
28.00	Safety Cable	Yes	2.00	0.000	0.38	0.39	0.00	0.017	0.000	4.173	0.00	3.62
28.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.43	0.00	0.017	0.000	4.173	0.00	9.40
30.00	Safety Cable	Yes	2.00	0.000	0.38	0.39	0.00	0.017	0.000	4.177	0.00	3.65
30.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.44	0.00	0.017	0.000	4.177	0.00	9.45
32.00	Safety Cable	Yes	2.00	0.000	0.38	0.40	0.00	0.017	0.000	4.254	0.00	3.69
32.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.44	0.00	0.017	0.000	4.254	0.00	9.49
34.00	Safety Cable	Yes	2.00	0.000	0.38	0.40	0.00	0.018	0.000	4.329	0.00	3.72
34.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.44	0.00	0.018	0.000	4.329	0.00	9.53
36.00	Safety Cable	Yes	2.00	0.000	0.38	0.40	0.00	0.018	0.000	4.400	0.00	3.75
36.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.44	0.00	0.018	0.000	4.400	0.00	9.57
38.00	Safety Cable	Yes	2.00	0.000	0.38	0.40	0.00	0.018	0.000	4.469	0.00	3.78
38.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.44	0.00	0.018	0.000	4.469	0.00	9.61
40.00	Safety Cable	Yes	2.00	0.000	0.38	0.40	0.00	0.018	0.000	4.535	0.00	3.81
40.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.44	0.00	0.018	0.000	4.535	0.00	9.64
41.00	Safety Cable	Yes	1.00	0.000	0.38	0.20	0.00	0.018	0.000	4.567	0.00	1.91
41.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.22	0.00	0.018	0.000	4.567	0.00	4.83
42.00	Safety Cable	Yes	1.00	0.000	0.38	0.20	0.00	0.018	0.000	4.598	0.00	1.92
42.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.22	0.00	0.018	0.000	4.598	0.00	4.84
44.00	Safety Cable	Yes	2.00	0.000	0.38	0.41	0.00	0.018	0.000	4.660	0.00	3.87

Linear Appurtenance Segment Forces (Factored)

Structure: CT11560-A
Site Name: Sterling 6 CT
Height: 140.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 7/10/2023
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

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)
44.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.45	0.00	0.018	0.000	4.660	0.00	9.71
46.00	Safety Cable	Yes	2.00	0.000	0.38	0.41	0.00	0.018	0.000	4.719	0.00	3.89
46.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.45	0.00	0.018	0.000	4.719	0.00	9.74
48.00	Safety Cable	Yes	2.00	0.000	0.38	0.41	0.00	0.019	0.000	4.777	0.00	3.92
48.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.45	0.00	0.019	0.000	4.777	0.00	9.77
50.00	Safety Cable	Yes	2.00	0.000	0.38	0.41	0.00	0.019	0.000	4.833	0.00	3.94
50.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.45	0.00	0.019	0.000	4.833	0.00	9.80
52.00	Safety Cable	Yes	2.00	0.000	0.38	0.41	0.00	0.019	0.000	4.888	0.00	3.97
52.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.45	0.00	0.019	0.000	4.888	0.00	9.83
54.00	Safety Cable	Yes	2.00	0.000	0.38	0.41	0.00	0.019	0.000	4.941	0.00	3.99
54.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.46	0.00	0.019	0.000	4.941	0.00	9.86
56.00	Safety Cable	Yes	2.00	0.000	0.38	0.41	0.00	0.019	0.000	4.992	0.00	4.01
56.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.46	0.00	0.019	0.000	4.992	0.00	9.89
58.00	Safety Cable	Yes	2.00	0.000	0.38	0.42	0.00	0.019	0.000	5.042	0.00	4.03
58.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.46	0.00	0.019	0.000	5.042	0.00	9.91
60.00	Safety Cable	Yes	2.00	0.000	0.38	0.42	0.00	0.019	0.000	5.092	0.00	4.05
60.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.46	0.00	0.019	0.000	5.092	0.00	9.94
62.00	Safety Cable	Yes	2.00	0.000	0.38	0.42	0.00	0.020	0.000	5.139	0.00	4.07
62.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.46	0.00	0.020	0.000	5.139	0.00	9.97
64.00	Safety Cable	Yes	2.00	0.000	0.38	0.42	0.00	0.020	0.000	5.186	0.00	4.09
64.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.46	0.00	0.020	0.000	5.186	0.00	9.99
66.00	Safety Cable	Yes	2.00	0.000	0.38	0.42	0.00	0.020	0.000	5.232	0.00	4.11
66.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.46	0.00	0.020	0.000	5.232	0.00	10.01
68.00	Safety Cable	Yes	2.00	0.000	0.38	0.42	0.00	0.020	0.000	5.277	0.00	4.13
68.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.46	0.00	0.020	0.000	5.277	0.00	10.04
70.00	Safety Cable	Yes	2.00	0.000	0.38	0.42	0.00	0.020	0.000	5.321	0.00	4.15
70.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.46	0.00	0.020	0.000	5.321	0.00	10.06
72.00	Safety Cable	Yes	2.00	0.000	0.38	0.42	0.00	0.020	0.000	5.364	0.00	4.17
72.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.47	0.00	0.020	0.000	5.364	0.00	10.08
74.00	Safety Cable	Yes	2.00	0.000	0.38	0.42	0.00	0.021	0.000	5.406	0.00	4.18
74.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.47	0.00	0.021	0.000	5.406	0.00	10.10
76.00	Safety Cable	Yes	2.00	0.000	0.38	0.43	0.00	0.021	0.000	5.447	0.00	4.20
76.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.47	0.00	0.021	0.000	5.447	0.00	10.12
78.00	Safety Cable	Yes	2.00	0.000	0.38	0.43	0.00	0.021	0.000	5.488	0.00	4.22
78.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.47	0.00	0.021	0.000	5.488	0.00	10.14
80.00	Safety Cable	Yes	2.00	0.000	0.38	0.43	0.00	0.021	0.000	5.528	0.00	4.23
80.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.47	0.00	0.021	0.000	5.528	0.00	10.16
82.00	Safety Cable	Yes	2.00	0.000	0.38	0.43	0.00	0.022	0.000	5.567	0.00	4.25
82.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.47	0.00	0.022	0.000	5.567	0.00	10.18
84.00	Safety Cable	Yes	2.00	0.000	0.38	0.43	0.00	0.022	0.000	5.605	0.00	4.26
84.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.47	0.00	0.022	0.000	5.605	0.00	10.20
85.00	Safety Cable	Yes	1.00	0.000	0.38	0.21	0.00	0.022	0.000	5.624	0.00	2.14
85.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.24	0.00	0.022	0.000	5.624	0.00	5.11
86.00	Safety Cable	Yes	1.00	0.000	0.38	0.22	0.00	0.022	0.000	5.643	0.00	2.14
86.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.24	0.00	0.022	0.000	5.643	0.00	5.11
88.00	Safety Cable	Yes	2.00	0.000	0.38	0.43	0.00	0.022	0.000	5.680	0.00	4.30
88.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.47	0.00	0.022	0.000	5.680	0.00	10.24

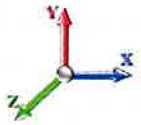
Linear Appurtenance Segment Forces (Factored)

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 39	

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)
90.00	Safety Cable	Yes	2.00	0.000	0.38	0.43	0.00	0.022	0.000	5.717	0.00	4.31
90.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.47	0.00	0.022	0.000	5.717	0.00	10.26
91.00	Safety Cable	Yes	1.00	0.000	0.38	0.22	0.00	0.023	0.000	5.735	0.00	2.16
91.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.24	0.00	0.023	0.000	5.735	0.00	5.13
92.00	Safety Cable	Yes	1.00	0.000	0.38	0.22	0.00	0.022	0.000	5.753	0.00	2.16
92.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.24	0.00	0.022	0.000	5.753	0.00	5.14
94.00	Safety Cable	Yes	2.00	0.000	0.38	0.43	0.00	0.023	0.000	5.788	0.00	4.34
94.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.48	0.00	0.023	0.000	5.788	0.00	10.29
95.00	Safety Cable	Yes	1.00	0.000	0.38	0.22	0.00	0.023	0.000	5.806	0.00	2.17
95.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.24	0.00	0.023	0.000	5.806	0.00	5.15
96.00	Safety Cable	Yes	1.00	0.000	0.38	0.22	0.00	0.023	0.000	5.823	0.00	2.18
96.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.24	0.00	0.023	0.000	5.823	0.00	5.16
98.00	Safety Cable	Yes	2.00	0.000	0.38	0.43	0.00	0.023	0.000	5.858	0.00	4.37
98.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.48	0.00	0.023	0.000	5.858	0.00	10.33
100.00	Safety Cable	Yes	2.00	0.000	0.38	0.44	0.00	0.023	0.000	5.892	0.00	4.38
100.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.48	0.00	0.023	0.000	5.892	0.00	10.34
102.00	Safety Cable	Yes	2.00	0.000	0.38	0.44	0.00	0.024	0.000	5.925	0.00	4.39
102.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.48	0.00	0.024	0.000	5.925	0.00	10.36
104.00	Safety Cable	Yes	2.00	0.000	0.38	0.44	0.00	0.024	0.000	5.958	0.00	4.41
104.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.48	0.00	0.024	0.000	5.958	0.00	10.38
106.00	Safety Cable	Yes	2.00	0.000	0.38	0.44	0.00	0.024	0.000	5.990	0.00	4.42
106.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.48	0.00	0.024	0.000	5.990	0.00	10.39
108.00	Safety Cable	Yes	2.00	0.000	0.38	0.44	0.00	0.024	0.000	6.023	0.00	4.43
108.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.48	0.00	0.024	0.000	6.023	0.00	10.41
110.00	Safety Cable	Yes	2.00	0.000	0.38	0.44	0.00	0.025	0.000	6.054	0.00	4.45
110.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.48	0.00	0.025	0.000	6.054	0.00	10.42
112.00	Safety Cable	Yes	2.00	0.000	0.38	0.44	0.00	0.025	0.000	6.085	0.00	4.46
112.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.48	0.00	0.025	0.000	6.085	0.00	10.44
114.00	Safety Cable	Yes	2.00	0.000	0.38	0.44	0.00	0.025	0.000	6.116	0.00	4.47
114.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.48	0.00	0.025	0.000	6.116	0.00	10.45
116.00	Safety Cable	Yes	2.00	0.000	0.38	0.44	0.00	0.026	0.000	6.147	0.00	4.48
116.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.48	0.00	0.026	0.000	6.147	0.00	10.47
118.00	Safety Cable	Yes	2.00	0.000	0.38	0.44	0.00	0.026	0.000	6.177	0.00	4.49
118.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.48	0.00	0.026	0.000	6.177	0.00	10.48
120.00	Safety Cable	Yes	2.00	0.000	0.38	0.44	0.00	0.026	0.000	6.207	0.00	4.51
120.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.48	0.00	0.026	0.000	6.207	0.00	10.50
122.00	Safety Cable	Yes	2.00	0.000	0.38	0.44	0.00	0.027	0.000	6.236	0.00	4.52
122.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.48	0.00	0.027	0.000	6.236	0.00	10.51
124.00	Safety Cable	Yes	2.00	0.000	0.38	0.44	0.00	0.027	0.000	6.265	0.00	4.53
124.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.49	0.00	0.027	0.000	6.265	0.00	10.53
126.00	Safety Cable	Yes	2.00	0.000	0.38	0.44	0.00	0.027	0.000	6.294	0.00	4.54
126.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.49	0.00	0.027	0.000	6.294	0.00	10.54
128.00	Safety Cable	Yes	2.00	0.000	0.38	0.45	0.00	0.028	0.000	6.322	0.00	4.55
128.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.49	0.00	0.028	0.000	6.322	0.00	10.55
130.00	Safety Cable	Yes	2.00	0.000	0.38	0.45	0.00	0.028	0.000	6.350	0.00	4.56
130.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.49	0.00	0.028	0.000	6.350	0.00	10.57
132.00	Safety Cable	Yes	2.00	0.000	0.38	0.45	0.00	0.028	0.000	6.378	0.00	4.57

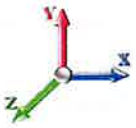
Linear Appurtenance Segment Forces (Factored)

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 40	

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)
132.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.49	0.00	0.028	0.000	6.378	0.00	10.58
134.00	Safety Cable	Yes	2.00	0.000	0.38	0.45	0.00	0.029	0.000	6.405	0.00	4.58
134.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.49	0.00	0.029	0.000	6.405	0.00	10.59
135.00	Safety Cable	Yes	1.00	0.000	0.38	0.22	0.00	0.029	0.000	6.419	0.00	2.29
135.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.24	0.00	0.029	0.000	6.419	0.00	5.30
136.00	Safety Cable	Yes	1.00	0.000	0.38	0.22	0.00	0.029	0.000	6.433	0.00	2.30
136.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.24	0.00	0.029	0.000	6.433	0.00	5.30
137.00	Safety Cable	Yes	1.00	0.000	0.38	0.22	0.00	0.029	0.000	6.446	0.00	2.30
137.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.24	0.00	0.029	0.000	6.446	0.00	5.31
138.00	Safety Cable	Yes	1.00	0.000	0.38	0.22	0.00	0.029	0.000	6.459	0.00	2.30
138.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.24	0.00	0.029	0.000	6.459	0.00	5.31
140.00	Safety Cable	Yes	2.00	0.000	0.38	0.45	0.00	0.030	0.000	6.486	0.00	4.62
140.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.49	0.00	0.030	0.000	6.486	0.00	10.63
										Totals:	**0.0**	**975.4**

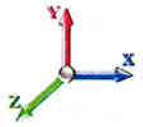
Calculated Forces

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 41	

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	-77.83	-8.28	0.00	-833.99	0.00	833.99	5803.10	1561.17	8297.91	7657.05	0.00	0.000	0.000	0.122
2.00	-76.88	-8.24	0.00	-817.43	0.00	817.43	5778.21	1549.71	8176.51	7567.86	0.00	-0.010	0.000	0.121
4.00	-75.93	-8.19	0.00	-800.96	0.00	800.96	5753.06	1538.25	8056.00	7478.80	0.01	-0.020	0.000	0.120
6.00	-74.99	-8.14	0.00	-784.58	0.00	784.58	5727.65	1526.78	7936.39	7389.90	0.02	-0.031	0.000	0.119
8.00	-74.04	-8.09	0.00	-768.30	0.00	768.30	5701.98	1515.32	7817.67	7301.16	0.03	-0.041	0.000	0.118
10.00	-73.10	-8.05	0.00	-752.12	0.00	752.12	5676.04	1503.86	7699.85	7212.59	0.05	-0.051	0.000	0.117
12.00	-72.16	-8.00	0.00	-736.02	0.00	736.02	5649.84	1492.40	7582.92	7124.20	0.08	-0.061	0.000	0.116
14.00	-71.22	-7.95	0.00	-720.03	0.00	720.03	5623.38	1480.93	7466.89	7035.98	0.11	-0.072	0.000	0.115
16.00	-70.29	-7.90	0.00	-704.13	0.00	704.13	5596.66	1469.47	7351.75	6947.96	0.14	-0.082	0.000	0.114
18.00	-69.36	-7.86	0.00	-688.32	0.00	688.32	5569.67	1458.01	7237.50	6860.14	0.17	-0.092	0.000	0.113
20.00	-68.44	-7.81	0.00	-672.61	0.00	672.61	5542.43	1446.55	7124.15	6772.52	0.22	-0.103	0.000	0.112
22.00	-67.52	-7.76	0.00	-656.99	0.00	656.99	5514.92	1435.08	7011.70	6685.11	0.26	-0.113	0.000	0.111
24.00	-66.61	-7.71	0.00	-641.47	0.00	641.47	5487.15	1423.62	6900.13	6597.93	0.31	-0.123	0.000	0.109
25.00	-66.16	-7.69	0.00	-633.75	0.00	633.75	5473.16	1417.89	6844.69	6554.42	0.34	-0.128	0.000	0.109
25.00	-66.16	-7.69	0.00	-633.75	0.00	633.75	4407.37	1216.64	5879.49	5289.42	0.34	-0.128	0.000	0.135
26.00	-65.75	-7.67	0.00	-626.06	0.00	626.06	4397.65	1211.73	5832.10	5256.32	0.36	-0.134	0.000	0.134
28.00	-64.94	-7.63	0.00	-610.72	0.00	610.72	4378.03	1201.90	5737.91	5190.16	0.42	-0.146	0.000	0.133
30.00	-64.14	-7.58	0.00	-595.47	0.00	595.47	4358.14	1192.08	5644.49	5124.08	0.49	-0.158	0.000	0.131
32.00	-63.34	-7.54	0.00	-580.31	0.00	580.31	4338.00	1182.25	5551.83	5058.08	0.56	-0.169	0.000	0.129
34.00	-62.54	-7.49	0.00	-565.24	0.00	565.24	4317.58	1172.43	5459.94	4992.17	0.63	-0.181	0.000	0.128
36.00	-61.75	-7.44	0.00	-550.26	0.00	550.26	4296.91	1162.60	5368.81	4926.35	0.71	-0.193	0.000	0.126
38.00	-60.97	-7.40	0.00	-535.37	0.00	535.37	4275.98	1152.78	5278.46	4860.65	0.79	-0.205	0.000	0.124
40.00	-60.19	-7.34	0.00	-520.58	0.00	520.58	4254.78	1142.95	5188.87	4795.05	0.88	-0.217	0.000	0.123
41.00	-59.80	-7.32	0.00	-513.24	0.00	513.24	4244.08	1138.04	5144.36	4762.30	0.93	-0.223	0.000	0.122
42.00	-59.15	-7.30	0.00	-505.92	0.00	505.92	4233.32	1133.13	5100.04	4729.58	0.97	-0.229	0.000	0.121
44.00	-57.84	-7.24	0.00	-491.33	0.00	491.33	4211.60	1123.30	5011.98	4664.23	1.07	-0.241	0.000	0.119
46.00	-56.55	-7.19	0.00	-476.84	0.00	476.84	4189.62	1113.48	4924.69	4599.03	1.18	-0.253	0.000	0.117
48.00	-55.26	-7.14	0.00	-462.46	0.00	462.46	4202.72	1119.32	4976.50	4637.78	1.28	-0.264	0.000	0.113
50.00	-54.50	-7.08	0.00	-448.19	0.00	448.19	4180.63	1109.50	4889.52	4572.63	1.40	-0.276	0.000	0.111
52.00	-53.74	-7.03	0.00	-434.03	0.00	434.03	4158.28	1099.67	4803.31	4507.62	1.52	-0.287	0.000	0.109
54.00	-52.99	-6.97	0.00	-419.97	0.00	419.97	4135.67	1089.85	4717.86	4442.77	1.64	-0.298	0.000	0.107
56.00	-52.24	-6.92	0.00	-406.02	0.00	406.02	4112.79	1080.02	4633.18	4378.08	1.77	-0.309	0.000	0.105
58.00	-51.50	-6.86	0.00	-392.18	0.00	392.18	4089.65	1070.20	4549.27	4313.56	1.90	-0.320	0.000	0.104
60.00	-50.76	-6.81	0.00	-378.45	0.00	378.45	4066.25	1060.37	4466.12	4249.22	2.04	-0.331	0.000	0.102
62.00	-50.03	-6.75	0.00	-364.83	0.00	364.83	4042.59	1050.55	4383.75	4185.07	2.18	-0.342	0.000	0.100
64.00	-49.30	-6.70	0.00	-351.33	0.00	351.33	4018.67	1040.72	4302.13	4121.10	2.32	-0.352	0.000	0.098
66.00	-48.58	-6.64	0.00	-337.93	0.00	337.93	3994.48	1030.90	4221.29	4057.34	2.47	-0.363	0.000	0.095
68.00	-47.87	-6.58	0.00	-324.65	0.00	324.65	3970.03	1021.07	4141.21	3993.79	2.63	-0.373	0.000	0.093
70.00	-47.16	-6.53	0.00	-311.48	0.00	311.48	3945.32	1011.25	4061.90	3930.45	2.79	-0.384	0.000	0.091
72.00	-46.45	-6.47	0.00	-298.43	0.00	298.43	3920.35	1001.42	3983.36	3867.33	2.95	-0.394	0.000	0.089
74.00	-45.75	-6.41	0.00	-285.49	0.00	285.49	3895.11	991.60	3905.58	3804.45	3.12	-0.404	0.000	0.087
76.00	-45.06	-6.35	0.00	-272.66	0.00	272.66	3869.62	981.77	3828.57	3741.80	3.29	-0.414	0.000	0.085
78.00	-44.37	-6.30	0.00	-259.95	0.00	259.95	3843.86	971.95	3752.32	3679.40	3.46	-0.424	0.000	0.082
80.00	-43.69	-6.24	0.00	-247.36	0.00	247.36	3817.84	962.12	3676.85	3617.26	3.64	-0.433	0.000	0.080
82.00	-43.01	-6.18	0.00	-234.88	0.00	234.88	3791.55	952.30	3602.14	3555.38	3.83	-0.442	0.000	0.077
84.00	-42.34	-6.12	0.00	-222.52	0.00	222.52	3765.01	942.47	3528.19	3493.76	4.01	-0.452	0.000	0.075
85.00	-42.01	-6.09	0.00	-216.40	0.00	216.40	3751.64	937.56	3491.51	3463.06	4.11	-0.456	0.000	0.074
86.00	-41.49	-6.06	0.00	-210.31	0.00	210.31	3738.20	932.65	3455.02	3432.43	4.20	-0.461	0.000	0.072

Calculated Forces

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 42	

88.00	-40.46	-6.00	0.00	-198.19	0.00	198.19	3711.13	922.82	3382.61	3371.38	4.40	-0.469	0.000	0.070
90.00	-39.44	-5.93	0.00	-186.20	0.00	186.20	3683.80	913.00	3310.96	3310.62	4.60	-0.478	0.000	0.067
91.00	-38.94	-5.90	0.00	-180.26	0.00	180.26	2899.19	768.71	2816.54	2636.38	4.70	-0.482	0.000	0.082
92.00	-38.65	-5.88	0.00	-174.36	0.00	174.36	2889.87	764.61	2786.62	2613.82	4.80	-0.486	0.000	0.080
94.00	-38.06	-5.81	0.00	-162.61	0.00	162.61	2871.03	756.42	2727.26	2568.78	5.01	-0.495	0.000	0.077
95.00	-34.27	-5.02	0.00	-156.79	0.00	156.79	2861.52	752.33	2697.82	2546.31	5.11	-0.499	0.000	0.074
96.00	-33.99	-4.99	0.00	-151.78	0.00	151.78	2851.93	748.24	2668.54	2523.87	5.22	-0.504	0.000	0.072
98.00	-33.42	-4.93	0.00	-141.80	0.00	141.80	2832.57	740.05	2610.46	2479.11	5.43	-0.512	0.000	0.069
100.00	-32.86	-4.87	0.00	-131.94	0.00	131.94	2812.95	731.86	2553.02	2434.50	5.64	-0.520	0.000	0.066
102.00	-32.30	-4.81	0.00	-122.20	0.00	122.20	2793.07	723.67	2496.22	2390.05	5.86	-0.528	0.000	0.063
104.00	-31.75	-4.75	0.00	-112.57	0.00	112.57	2772.92	715.49	2440.06	2345.77	6.09	-0.535	0.000	0.059
106.00	-31.20	-4.69	0.00	-103.07	0.00	103.07	2752.51	707.30	2384.53	2301.65	6.31	-0.542	0.000	0.056
108.00	-30.66	-4.63	0.00	-93.68	0.00	93.68	2731.84	699.11	2329.65	2257.73	6.54	-0.549	0.000	0.053
110.00	-30.12	-4.57	0.00	-84.42	0.00	84.42	2710.91	690.92	2275.40	2213.98	6.77	-0.555	0.000	0.049
112.00	-29.59	-4.51	0.00	-75.27	0.00	75.27	2689.71	682.74	2221.79	2170.44	7.01	-0.561	0.000	0.046
114.00	-29.06	-4.46	0.00	-66.24	0.00	66.24	2668.26	674.55	2168.82	2127.10	7.24	-0.566	0.000	0.042
116.00	-28.54	-4.40	0.00	-57.33	0.00	57.33	2646.54	666.36	2116.50	2083.97	7.48	-0.571	0.000	0.038
118.00	-28.02	-4.34	0.00	-48.54	0.00	48.54	2624.55	658.18	2064.81	2041.07	7.72	-0.575	0.000	0.035
120.00	-19.28	-3.11	0.00	-39.87	0.00	39.87	2602.31	649.99	2013.75	1998.39	7.96	-0.579	0.000	0.027
122.00	-18.79	-3.05	0.00	-33.65	0.00	33.65	2579.81	641.80	1963.34	1955.94	8.21	-0.582	0.000	0.025
124.00	-18.30	-2.99	0.00	-27.54	0.00	27.54	2557.04	633.61	1913.57	1913.74	8.45	-0.585	0.000	0.022
126.00	-17.82	-2.93	0.00	-21.55	0.00	21.55	2534.01	625.43	1864.44	1871.79	8.70	-0.587	0.000	0.019
128.00	-17.35	-2.88	0.00	-15.69	0.00	15.69	2510.72	617.24	1815.94	1830.10	8.94	-0.589	0.000	0.016
130.00	-9.39	-1.47	0.00	-9.93	0.00	9.93	2487.16	609.05	1768.08	1788.67	9.19	-0.591	0.000	0.009
132.00	-8.73	-1.41	0.00	-6.99	0.00	6.99	2463.34	600.86	1720.87	1747.52	9.44	-0.592	0.000	0.008
134.00	-8.08	-1.35	0.00	-4.16	0.00	4.16	2439.27	592.68	1674.29	1706.65	9.69	-0.592	0.000	0.006
135.00	-7.76	-1.32	0.00	-2.81	0.00	2.81	1824.83	478.70	1365.31	1291.47	9.81	-0.592	0.000	0.006
136.00	-7.57	-1.29	0.00	-1.49	0.00	1.49	1817.10	475.42	1346.69	1277.14	9.94	-0.592	0.000	0.005
137.00	-0.50	-0.08	0.00	-0.19	0.00	0.19	1809.31	472.15	1328.20	1262.84	10.06	-0.593	0.000	0.000
138.00	-0.33	-0.06	0.00	-0.11	0.00	0.11	1801.45	468.87	1309.84	1248.56	10.18	-0.593	0.000	0.000
140.00	0.00	-0.05	0.00	0.00	0.00	0.00	1785.54	462.32	1273.50	1220.12	10.43	-0.593	0.000	0.000

Seismic Segment Forces (Factored)

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 43	

Load Case: 1.2D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20		**Iterations**	19
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.09		**Ss**	0.19
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.46	**SA**	0.04		**S1**	0.05
							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	
2.00		696.37	1.00	27.78	0.00	
4.00		691.92	3.00	27.60	0.01	
6.00		687.48	5.00	27.43	0.03	
8.00		683.03	7.00	27.25	0.06	
10.00		678.59	9.00	27.07	0.09	
12.00		674.14	11.00	26.89	0.13	
14.00		669.70	13.00	26.72	0.17	
16.00		665.25	15.00	26.54	0.22	
18.00		660.81	17.00	26.36	0.27	
20.00		656.36	19.00	26.18	0.33	
22.00		651.92	21.00	26.01	0.39	
24.00		647.48	23.00	25.83	0.46	
25.00	Top - Section 1	322.07	24.50	12.85	0.14	
26.00		282.02	25.50	11.25	0.12	
28.00		561.18	27.00	22.39	0.47	
30.00		557.37	29.00	22.24	0.53	
32.00		553.56	31.00	22.08	0.59	
34.00		549.75	33.00	21.93	0.66	
36.00		545.94	35.00	21.78	0.72	
38.00		542.13	37.00	21.63	0.79	
40.00		538.32	39.00	21.48	0.86	
41.00	Bot - Section 3	267.73	40.50	10.68	0.26	
42.00		490.00	41.50	19.55	0.81	
44.00		974.28	43.00	38.87	3.06	
46.00		966.66	45.00	38.56	3.28	
48.00	Top - Section 2	959.04	47.00	38.26	3.50	
50.00		525.35	49.00	20.96	1.25	
52.00		521.54	51.00	20.81	1.33	
54.00		517.73	53.00	20.65	1.41	
56.00		513.92	55.00	20.50	1.48	
58.00		510.11	57.00	20.35	1.56	
60.00		506.30	59.00	20.20	1.64	
62.00		502.49	61.00	20.05	1.72	
64.00		498.68	63.00	19.89	1.80	
66.00		494.87	65.00	19.74	1.88	
68.00		491.06	67.00	19.59	1.96	
70.00		487.25	69.00	19.44	2.04	
72.00		483.44	71.00	19.29	2.12	
74.00		479.63	73.00	19.13	2.20	
76.00		475.82	75.00	18.98	2.28	
78.00		472.01	77.00	18.83	2.36	
80.00		468.20	79.00	18.68	2.43	
82.00		464.39	81.00	18.53	2.51	
84.00		460.58	83.00	18.37	2.58	
85.00	Bot - Section 4	228.86	84.50	9.13	0.74	

Seismic Segment Forces (Factored)

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 44	

86.00		381.32	85.50	15.21	1.93		
88.00		757.40	87.00	30.22	7.02		
90.00		750.41	89.00	29.94	7.20		
91.00	Top - Section 3	372.59	90.50	14.86	2.05		
92.00		195.25	91.50	7.79	0.64		
94.00		388.11	93.00	15.48	2.33		
95.00	Appurtenance(s)	2513.1	94.50	100.26	73.89		
96.00		189.89	95.50	7.58	0.66		
98.00		377.40	97.00	15.06	2.39		
100.00		374.22	99.00	14.93	2.44		
102.00		371.05	101.00	14.80	2.49		
104.00		367.87	103.00	14.68	2.54		
106.00		364.70	105.00	14.55	2.59		
108.00		361.52	107.00	14.42	2.64		
110.00		358.35	109.00	14.30	2.69		
112.00		355.17	111.00	14.17	2.74		
114.00		352.00	113.00	14.04	2.78		
116.00		348.82	115.00	13.92	2.82		
118.00		345.65	117.00	13.79	2.87		
120.00	Appurtenance(s)	4866.8	119.00	194.16	379.54		
122.00		321.30	121.00	12.82	2.67		
124.00		318.12	123.00	12.69	2.70		
126.00		314.95	125.00	12.56	2.73		
128.00		311.77	127.00	12.44	2.76		
130.00	Bot - Section 5	3761.2	129.00	150.05	274.24		
132.00		461.19	131.00	18.40	5.99		
134.00		455.47	133.00	18.17	6.02		
135.00	Top - Section 4	225.59	134.50	9.00	1.69		
136.00		110.44	135.50	4.41	0.46		
137.00	Appurtenance(s)	3791.0	136.50	151.24	308.65		
138.00		94.05	137.50	3.75	0.35		
140.00		186.20	139.00	7.43	1.26		
	Totals:	**50,018.3**		**1,995.4**	**1,167.0**	**Total Wind:**	**33,807.8**

Calculated Forces

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 45	

SBA

Load Case: 1.2D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20			**Iterations**	19
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.09			**Ss**	0.19
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.46	**SA**	0.04	**Seismic Importance Factor**	1.00	**S1**	0.05

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	-60.81	-1.17	0.00	-146.21	0.00	146.21	5803.10	1561.17	8297.91	7657.05		0.00	0.00	0.030
2.00	-59.97	-1.17	0.00	-143.88	0.00	143.88	5778.21	1549.71	8176.51	7567.86		0.00	0.00	0.029
4.00	-59.13	-1.17	0.00	-141.55	0.00	141.55	5753.06	1538.25	8056.00	7478.80		0.00	0.00	0.029
6.00	-58.29	-1.17	0.00	-139.21	0.00	139.21	5727.65	1526.78	7936.39	7389.90		0.00	-0.01	0.029
8.00	-57.47	-1.17	0.00	-136.87	0.00	136.87	5701.98	1515.32	7817.67	7301.16		0.01	-0.01	0.029
10.00	-56.64	-1.17	0.00	-134.52	0.00	134.52	5676.04	1503.86	7699.85	7212.59		0.01	-0.01	0.029
12.00	-55.83	-1.18	0.00	-132.18	0.00	132.18	5649.84	1492.40	7582.92	7124.20		0.01	-0.01	0.028
14.00	-55.01	-1.18	0.00	-129.83	0.00	129.83	5623.38	1480.93	7466.89	7035.98		0.02	-0.01	0.028
16.00	-54.21	-1.18	0.00	-127.47	0.00	127.47	5596.66	1469.47	7351.75	6947.96		0.02	-0.01	0.028
18.00	-53.41	-1.18	0.00	-125.12	0.00	125.12	5569.67	1458.01	7237.50	6860.14		0.03	-0.02	0.028
20.00	-52.61	-1.18	0.00	-122.76	0.00	122.76	5542.43	1446.55	7124.15	6772.52		0.04	-0.02	0.028
22.00	-51.82	-1.18	0.00	-120.40	0.00	120.40	5514.92	1435.08	7011.70	6685.11		0.05	-0.02	0.027
24.00	-51.04	-1.18	0.00	-118.03	0.00	118.03	5487.15	1423.62	6900.13	6597.93		0.06	-0.02	0.027
25.00	-50.65	-1.18	0.00	-116.85	0.00	116.85	5473.16	1417.89	6844.69	6554.42		0.06	-0.02	0.027
25.00	-50.65	-1.18	0.00	-116.85	0.00	116.85	4407.37	1216.64	5879.49	5289.42		0.06	-0.02	0.034
26.00	-50.31	-1.18	0.00	-115.67	0.00	115.67	4397.65	1211.73	5832.10	5256.32		0.07	-0.02	0.033
28.00	-49.63	-1.19	0.00	-113.30	0.00	113.30	4378.03	1201.90	5737.91	5190.16		0.08	-0.03	0.033
30.00	-48.96	-1.19	0.00	-110.93	0.00	110.93	4358.14	1192.08	5644.49	5124.08		0.09	-0.03	0.033
32.00	-48.29	-1.19	0.00	-108.56	0.00	108.56	4338.00	1182.25	5551.83	5058.08		0.10	-0.03	0.033
34.00	-47.63	-1.19	0.00	-106.18	0.00	106.18	4317.58	1172.43	5459.94	4992.17		0.11	-0.03	0.032
36.00	-46.97	-1.19	0.00	-103.81	0.00	103.81	4296.91	1162.60	5368.81	4926.35		0.13	-0.04	0.032
38.00	-46.32	-1.19	0.00	-101.43	0.00	101.43	4275.98	1152.78	5278.46	4860.65		0.14	-0.04	0.032
40.00	-45.67	-1.19	0.00	-99.05	0.00	99.05	4254.78	1142.95	5188.87	4795.05		0.16	-0.04	0.031
41.00	-45.34	-1.19	0.00	-97.86	0.00	97.86	4244.08	1138.04	5144.36	4762.30		0.17	-0.04	0.031
42.00	-44.75	-1.19	0.00	-96.67	0.00	96.67	4233.32	1133.13	5100.04	4729.58		0.18	-0.04	0.031
44.00	-43.56	-1.19	0.00	-94.29	0.00	94.29	4211.60	1123.30	5011.98	4664.23		0.19	-0.04	0.031
46.00	-42.38	-1.19	0.00	-91.92	0.00	91.92	4189.62	1113.48	4924.69	4599.03		0.21	-0.05	0.030
48.00	-41.21	-1.18	0.00	-89.55	0.00	89.55	4202.72	1119.32	4976.50	4637.78		0.23	-0.05	0.029
50.00	-40.57	-1.18	0.00	-87.18	0.00	87.18	4180.63	1109.50	4889.52	4572.63		0.25	-0.05	0.029
52.00	-39.94	-1.18	0.00	-84.82	0.00	84.82	4158.28	1099.67	4803.31	4507.62		0.28	-0.05	0.028
54.00	-39.32	-1.18	0.00	-82.45	0.00	82.45	4135.67	1089.85	4717.86	4442.77		0.30	-0.06	0.028
56.00	-38.70	-1.18	0.00	-80.09	0.00	80.09	4112.79	1080.02	4633.18	4378.08		0.32	-0.06	0.028
58.00	-38.09	-1.18	0.00	-77.73	0.00	77.73	4089.65	1070.20	4549.27	4313.56		0.35	-0.06	0.027
60.00	-37.48	-1.18	0.00	-75.37	0.00	75.37	4066.25	1060.37	4466.12	4249.22		0.37	-0.06	0.027
62.00	-36.88	-1.18	0.00	-73.01	0.00	73.01	4042.59	1050.55	4383.75	4185.07		0.40	-0.06	0.027
64.00	-36.28	-1.18	0.00	-70.66	0.00	70.66	4018.67	1040.72	4302.13	4121.10		0.43	-0.07	0.026
66.00	-35.68	-1.18	0.00	-68.30	0.00	68.30	3994.48	1030.90	4221.29	4057.34		0.45	-0.07	0.026
68.00	-35.09	-1.17	0.00	-65.95	0.00	65.95	3970.03	1021.07	4141.21	3993.79		0.48	-0.07	0.025
70.00	-34.50	-1.17	0.00	-63.60	0.00	63.60	3945.32	1011.25	4061.90	3930.45		0.51	-0.07	0.025
72.00	-33.92	-1.17	0.00	-61.26	0.00	61.26	3920.35	1001.42	3983.36	3867.33		0.54	-0.07	0.024
74.00	-33.35	-1.17	0.00	-58.92	0.00	58.92	3895.11	991.60	3905.58	3804.45		0.58	-0.08	0.024
76.00	-32.78	-1.17	0.00	-56.58	0.00	56.58	3869.62	981.77	3828.57	3741.80		0.61	-0.08	0.024
78.00	-32.21	-1.17	0.00	-54.24	0.00	54.24	3843.86	971.95	3752.32	3679.40		0.64	-0.08	0.023
80.00	-31.65	-1.16	0.00	-51.91	0.00	51.91	3817.84	962.12	3676.85	3617.26		0.68	-0.08	0.023
82.00	-31.09	-1.16	0.00	-49.58	0.00	49.58	3791.55	952.30	3602.14	3555.38		0.71	-0.08	0.022
84.00	-30.54	-1.16	0.00	-47.26	0.00	47.26	3765.01	942.47	3528.19	3493.76		0.75	-0.09	0.022
85.00	-30.26	-1.16	0.00	-46.10	0.00	46.10	3751.64	937.56	3491.51	3463.06		0.77	-0.09	0.021

Calculated Forces

Structure: CT11560-A
Site Name: Sterling 6 CT
Height: 140.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1
Topography: 1

Code: TIA-222-H
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

7/10/2023

86.00	-29.80	-1.16	0.00	-44.94	0.00	44.94	3738.20	932.65	3455.02	3432.43	0.78	-0.09	0.021
88.00	-28.88	-1.15	0.00	-42.63	0.00	42.63	3711.13	922.82	3382.61	3371.38	0.82	-0.09	0.020
90.00	-27.97	-1.14	0.00	-40.33	0.00	40.33	3683.80	913.00	3310.96	3310.62	0.86	-0.09	0.020
91.00	-27.52	-1.14	0.00	-39.19	0.00	39.19	2899.19	768.71	2816.54	2636.38	0.88	-0.09	0.024
92.00	-27.28	-1.14	0.00	-38.05	0.00	38.05	2889.87	764.61	2786.62	2613.82	0.90	-0.09	0.024
94.00	-26.82	-1.14	0.00	-35.78	0.00	35.78	2871.03	756.42	2727.26	2568.78	0.94	-0.10	0.023
95.00	-23.71	-1.06	0.00	-34.64	0.00	34.64	2861.52	752.33	2697.82	2546.31	0.96	-0.10	0.022
96.00	-23.49	-1.06	0.00	-33.58	0.00	33.58	2851.93	748.24	2668.54	2523.87	0.98	-0.10	0.022
98.00	-23.04	-1.05	0.00	-31.47	0.00	31.47	2832.57	740.05	2610.46	2479.11	1.02	-0.10	0.021
100.00	-22.59	-1.05	0.00	-29.36	0.00	29.36	2812.95	731.86	2553.02	2434.50	1.06	-0.10	0.020
102.00	-22.15	-1.05	0.00	-27.26	0.00	27.26	2793.07	723.67	2496.22	2390.05	1.11	-0.10	0.019
104.00	-21.71	-1.05	0.00	-25.16	0.00	25.16	2772.92	715.49	2440.06	2345.77	1.15	-0.10	0.019
106.00	-21.28	-1.04	0.00	-23.07	0.00	23.07	2752.51	707.30	2384.53	2301.65	1.19	-0.11	0.018
108.00	-20.84	-1.04	0.00	-20.98	0.00	20.98	2731.84	699.11	2329.65	2257.73	1.24	-0.11	0.017
110.00	-20.42	-1.04	0.00	-18.90	0.00	18.90	2710.91	690.92	2275.40	2213.98	1.28	-0.11	0.016
112.00	-20.00	-1.04	0.00	-16.82	0.00	16.82	2689.71	682.74	2221.79	2170.44	1.33	-0.11	0.015
114.00	-19.58	-1.03	0.00	-14.75	0.00	14.75	2668.26	674.55	2168.82	2127.10	1.38	-0.11	0.014
116.00	-19.16	-1.03	0.00	-12.69	0.00	12.69	2646.54	666.36	2116.50	2083.97	1.42	-0.11	0.013
118.00	-18.75	-1.03	0.00	-10.63	0.00	10.63	2624.55	658.18	2064.81	2041.07	1.47	-0.11	0.012
120.00	-12.74	-0.63	0.00	-8.58	0.00	8.58	2602.31	649.99	2013.75	1998.39	1.52	-0.11	0.009
122.00	-12.35	-0.63	0.00	-7.31	0.00	7.31	2579.81	641.80	1963.34	1955.94	1.57	-0.12	0.009
124.00	-11.97	-0.63	0.00	-6.05	0.00	6.05	2557.04	633.61	1913.57	1913.74	1.62	-0.12	0.008
126.00	-11.59	-0.62	0.00	-4.79	0.00	4.79	2534.01	625.43	1864.44	1871.79	1.66	-0.12	0.007
128.00	-11.22	-0.62	0.00	-3.55	0.00	3.55	2510.72	617.24	1815.94	1830.10	1.71	-0.12	0.006
130.00	-6.57	-0.34	0.00	-2.30	0.00	2.30	2487.16	609.05	1768.08	1788.67	1.76	-0.12	0.004
132.00	-6.01	-0.33	0.00	-1.63	0.00	1.63	2463.34	600.86	1720.87	1747.52	1.81	-0.12	0.003
134.00	-5.45	-0.32	0.00	-0.97	0.00	0.97	2439.27	592.68	1674.29	1706.65	1.86	-0.12	0.003
135.00	-5.18	-0.32	0.00	-0.65	0.00	0.65	1824.83	478.70	1365.31	1291.47	1.89	-0.12	0.003
136.00	-5.04	-0.32	0.00	-0.33	0.00	0.33	1817.10	475.42	1346.69	1277.14	1.91	-0.12	0.003
137.00	-0.35	0.00	0.00	-0.01	0.00	0.01	1809.31	472.15	1328.20	1262.84	1.94	-0.12	0.000
138.00	-0.23	0.00	0.00	0.00	0.00	0.00	1801.45	468.87	1309.84	1248.56	1.96	-0.12	0.000
140.00	0.00	0.00	0.00	0.00	0.00	0.00	1785.54	462.32	1273.50	1220.12	2.01	-0.12	0.000

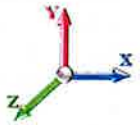
Seismic Segment Forces (Factored)

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 47	

SBA

Load Case: 0.9D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20	**Iterations**	19
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.09	**Ss**	0.19
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.46	**SA**	0.04	**S1**	0.05
						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	
2.00		673.07	1.00	26.85	0.00	
4.00		668.62	3.00	26.67	0.01	
6.00		664.18	5.00	26.50	0.03	
8.00		659.73	7.00	26.32	0.05	
10.00		655.29	9.00	26.14	0.08	
12.00		650.84	11.00	25.96	0.12	
14.00		646.40	13.00	25.79	0.16	
16.00		641.95	15.00	25.61	0.21	
18.00		637.51	17.00	25.43	0.26	
20.00		633.07	19.00	25.26	0.31	
22.00		628.62	21.00	25.08	0.37	
24.00		624.18	23.00	24.90	0.43	
25.00	Top - Section 1	310.42	24.50	12.38	0.14	
26.00		270.37	25.50	10.79	0.11	
28.00		537.88	27.00	21.46	0.44	
30.00		534.07	29.00	21.31	0.50	
32.00		530.26	31.00	21.15	0.56	
34.00		526.45	33.00	21.00	0.62	
36.00		522.64	35.00	20.85	0.68	
38.00		518.83	37.00	20.70	0.74	
40.00		515.02	39.00	20.55	0.80	
41.00	Bot - Section 3	256.08	40.50	10.22	0.24	
42.00		478.35	41.50	19.08	0.79	
44.00		950.98	43.00	37.94	2.97	
46.00		943.36	45.00	37.63	3.18	
48.00	Top - Section 2	935.74	47.00	37.33	3.39	
50.00		502.05	49.00	20.03	1.17	
52.00		498.24	51.00	19.88	1.24	
54.00		494.43	53.00	19.72	1.31	
56.00		490.62	55.00	19.57	1.38	
58.00		486.81	57.00	19.42	1.46	
60.00		483.00	59.00	19.27	1.53	
62.00		479.19	61.00	19.12	1.60	
64.00		475.38	63.00	18.96	1.68	
66.00		471.57	65.00	18.81	1.75	
68.00		467.76	67.00	18.66	1.82	
70.00		463.95	69.00	18.51	1.89	
72.00		460.14	71.00	18.36	1.97	
74.00		456.33	73.00	18.20	2.04	
76.00		452.52	75.00	18.05	2.11	
78.00		448.71	77.00	17.90	2.18	
80.00		444.90	79.00	17.75	2.25	
82.00		441.09	81.00	17.60	2.32	
84.00		437.28	83.00	17.44	2.38	
85.00	Bot - Section 4	217.21	84.50	8.67	0.68	

Seismic Segment Forces (Factored)

Structure:	CT11560-A		**Code:**	TIA-222-H	7/10/2023
Site Name:	Sterling 6 CT		**Exposure:**	B	
Height:	140.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 48

86.00		369.67	85.50	14.75	1.85
88.00		734.10	87.00	29.29	6.73
90.00		727.11	89.00	29.01	6.89
91.00	Top - Section 3	360.94	90.50	14.40	1.97
92.00		183.60	91.50	7.32	0.58
94.00		364.81	93.00	14.55	2.11
95.00	Appurtenance(s)	2501.5	94.50	99.79	74.35
96.00		178.78	95.50	7.13	0.60
98.00		355.19	97.00	14.17	2.17
100.00		352.01	99.00	14.04	2.21
102.00		348.84	101.00	13.92	2.26
104.00		345.66	103.00	13.79	2.30
106.00		342.49	105.00	13.66	2.34
108.00		339.31	107.00	13.54	2.39
110.00		336.14	109.00	13.41	2.43
112.00		332.96	111.00	13.28	2.47
114.00		329.79	113.00	13.16	2.50
116.00		326.61	115.00	13.03	2.54
118.00		323.44	117.00	12.90	2.57
120.00	Appurtenance(s)	4844.6	119.00	193.27	381.96
122.00		303.59	121.00	12.11	2.44
124.00		300.41	123.00	11.98	2.46
126.00		297.24	125.00	11.86	2.49
128.00		294.06	127.00	11.73	2.51
130.00	Bot - Section 5	3743.5	129.00	149.34	275.92
132.00		452.22	131.00	18.04	5.86
134.00		446.50	133.00	17.81	5.89
135.00	Top - Section 4	221.11	134.50	8.82	1.65
136.00		105.96	135.50	4.23	0.43
137.00	Appurtenance(s)	3786.5	136.50	151.06	312.56
138.00		93.35	137.50	3.72	0.35
140.00		184.79	139.00	7.37	1.26
	Totals:	**48,511.9**		**1,935.3**	**1,167.0**

Total Wind: **33,807.8**

Calculated Forces

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 49	

Load Case: 0.9D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20			**Iterations**	19
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.09			**Ss**	0.19
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.46	**SA**	0.04			**S1**	0.05
								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	-46.05	-1.17	0.00	-145.48	0.00	145.48	5803.10	1561.17	8297.91	7657.05		0.00	0.00	0.027
2.00	-45.41	-1.17	0.00	-143.15	0.00	143.15	5778.21	1549.71	8176.51	7567.86		0.00	0.00	0.027
4.00	-44.77	-1.17	0.00	-140.82	0.00	140.82	5753.06	1538.25	8056.00	7478.80		0.00	0.00	0.027
6.00	-44.14	-1.17	0.00	-138.48	0.00	138.48	5727.65	1526.78	7936.39	7389.90		0.00	-0.01	0.026
8.00	-43.51	-1.17	0.00	-136.15	0.00	136.15	5701.98	1515.32	7817.67	7301.16		0.01	-0.01	0.026
10.00	-42.89	-1.17	0.00	-133.80	0.00	133.80	5676.04	1503.86	7699.85	7212.59		0.01	-0.01	0.026
12.00	-42.27	-1.17	0.00	-131.46	0.00	131.46	5649.84	1492.40	7582.92	7124.20		0.01	-0.01	0.026
14.00	-41.66	-1.17	0.00	-129.12	0.00	129.12	5623.38	1480.93	7466.89	7035.98		0.02	-0.01	0.026
16.00	-41.05	-1.17	0.00	-126.77	0.00	126.77	5596.66	1469.47	7351.75	6947.96		0.02	-0.01	0.026
18.00	-40.44	-1.18	0.00	-124.42	0.00	124.42	5569.67	1458.01	7237.50	6860.14		0.03	-0.02	0.025
20.00	-39.84	-1.18	0.00	-122.07	0.00	122.07	5542.43	1446.55	7124.15	6772.52		0.04	-0.02	0.025
22.00	-39.24	-1.18	0.00	-119.72	0.00	119.72	5514.92	1435.08	7011.70	6685.11		0.05	-0.02	0.025
24.00	-38.65	-1.18	0.00	-117.36	0.00	117.36	5487.15	1423.62	6900.13	6597.93		0.06	-0.02	0.025
25.00	-38.35	-1.18	0.00	-116.18	0.00	116.18	5473.16	1417.89	6844.69	6554.42		0.06	-0.02	0.025
25.00	-38.35	-1.18	0.00	-116.18	0.00	116.18	4407.37	1216.64	5879.49	5289.42		0.06	-0.02	0.031
26.00	-38.10	-1.18	0.00	-115.01	0.00	115.01	4397.65	1211.73	5832.10	5256.32		0.06	-0.02	0.031
28.00	-37.58	-1.18	0.00	-112.65	0.00	112.65	4378.03	1201.90	5737.91	5190.16		0.08	-0.03	0.030
30.00	-37.07	-1.18	0.00	-110.29	0.00	110.29	4358.14	1192.08	5644.49	5124.08		0.09	-0.03	0.030
32.00	-36.57	-1.18	0.00	-107.93	0.00	107.93	4338.00	1182.25	5551.83	5058.08		0.10	-0.03	0.030
34.00	-36.07	-1.18	0.00	-105.57	0.00	105.57	4317.58	1172.43	5459.94	4992.17		0.11	-0.03	0.030
36.00	-35.57	-1.18	0.00	-103.20	0.00	103.20	4296.91	1162.60	5368.81	4926.35		0.13	-0.04	0.029
38.00	-35.07	-1.18	0.00	-100.84	0.00	100.84	4275.98	1152.78	5278.46	4860.65		0.14	-0.04	0.029
40.00	-34.58	-1.18	0.00	-98.48	0.00	98.48	4254.78	1142.95	5188.87	4795.05		0.16	-0.04	0.029
41.00	-34.34	-1.18	0.00	-97.30	0.00	97.30	4244.08	1138.04	5144.36	4762.30		0.17	-0.04	0.029
42.00	-33.88	-1.18	0.00	-96.11	0.00	96.11	4233.32	1133.13	5100.04	4729.58		0.17	-0.04	0.028
44.00	-32.98	-1.18	0.00	-93.75	0.00	93.75	4211.60	1123.30	5011.98	4664.23		0.19	-0.04	0.028
46.00	-32.09	-1.18	0.00	-91.39	0.00	91.39	4189.62	1113.48	4924.69	4599.03		0.21	-0.05	0.028
48.00	-31.20	-1.17	0.00	-89.04	0.00	89.04	4202.72	1119.32	4976.50	4637.78		0.23	-0.05	0.027
50.00	-30.72	-1.17	0.00	-86.69	0.00	86.69	4180.63	1109.50	4889.52	4572.63		0.25	-0.05	0.026
52.00	-30.25	-1.17	0.00	-84.34	0.00	84.34	4158.28	1099.67	4803.31	4507.62		0.27	-0.05	0.026
54.00	-29.78	-1.17	0.00	-81.99	0.00	81.99	4135.67	1089.85	4717.86	4442.77		0.30	-0.06	0.026
56.00	-29.31	-1.17	0.00	-79.65	0.00	79.65	4112.79	1080.02	4633.18	4378.08		0.32	-0.06	0.025
58.00	-28.85	-1.17	0.00	-77.30	0.00	77.30	4089.65	1070.20	4549.27	4313.56		0.34	-0.06	0.025
60.00	-28.38	-1.17	0.00	-74.96	0.00	74.96	4066.25	1060.37	4466.12	4249.22		0.37	-0.06	0.025
62.00	-27.93	-1.17	0.00	-72.62	0.00	72.62	4042.59	1050.55	4383.75	4185.07		0.40	-0.06	0.024
64.00	-27.47	-1.17	0.00	-70.28	0.00	70.28	4018.67	1040.72	4302.13	4121.10		0.42	-0.07	0.024
66.00	-27.02	-1.17	0.00	-67.95	0.00	67.95	3994.48	1030.90	4221.29	4057.34		0.45	-0.07	0.024
68.00	-26.58	-1.17	0.00	-65.61	0.00	65.61	3970.03	1021.07	4141.21	3993.79		0.48	-0.07	0.023
70.00	-26.13	-1.16	0.00	-63.28	0.00	63.28	3945.32	1011.25	4061.90	3930.45		0.51	-0.07	0.023
72.00	-25.69	-1.16	0.00	-60.95	0.00	60.95	3920.35	1001.42	3983.36	3867.33		0.54	-0.07	0.022
74.00	-25.26	-1.16	0.00	-58.63	0.00	58.63	3895.11	991.60	3905.58	3804.45		0.57	-0.08	0.022
76.00	-24.83	-1.16	0.00	-56.31	0.00	56.31	3869.62	981.77	3828.57	3741.80		0.60	-0.08	0.021
78.00	-24.40	-1.16	0.00	-53.99	0.00	53.99	3843.86	971.95	3752.32	3679.40		0.64	-0.08	0.021
80.00	-23.97	-1.16	0.00	-51.68	0.00	51.68	3817.84	962.12	3676.85	3617.26		0.67	-0.08	0.021
82.00	-23.55	-1.15	0.00	-49.37	0.00	49.37	3791.55	952.30	3602.14	3555.38		0.71	-0.08	0.020
84.00	-23.13	-1.15	0.00	-47.06	0.00	47.06	3765.01	942.47	3528.19	3493.76		0.74	-0.09	0.020
85.00	-22.92	-1.15	0.00	-45.91	0.00	45.91	3751.64	937.56	3491.51	3463.06		0.76	-0.09	0.019

Calculated Forces

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 50	

86.00	-22.57	-1.15	0.00	-44.76	0.00	44.76	3738.20	932.65	3455.02	3432.43	0.78	-0.09	0.019
88.00	-21.88	-1.14	0.00	-42.46	0.00	42.46	3711.13	922.82	3382.61	3371.38	0.82	-0.09	0.018
90.00	-21.19	-1.13	0.00	-40.18	0.00	40.18	3683.80	913.00	3310.96	3310.62	0.85	-0.09	0.018
91.00	-20.84	-1.13	0.00	-39.05	0.00	39.05	2899.19	768.71	2816.54	2636.38	0.87	-0.09	0.022
92.00	-20.67	-1.13	0.00	-37.92	0.00	37.92	2889.87	764.61	2786.62	2613.82	0.89	-0.09	0.022
94.00	-20.32	-1.13	0.00	-35.65	0.00	35.65	2871.03	756.42	2727.26	2568.78	0.93	-0.10	0.021
95.00	-17.96	-1.05	0.00	-34.52	0.00	34.52	2861.52	752.33	2697.82	2546.31	0.95	-0.10	0.020
96.00	-17.79	-1.05	0.00	-33.47	0.00	33.47	2851.93	748.24	2668.54	2523.87	0.97	-0.10	0.020
98.00	-17.45	-1.05	0.00	-31.37	0.00	31.37	2832.57	740.05	2610.46	2479.11	1.01	-0.10	0.019
100.00	-17.11	-1.05	0.00	-29.27	0.00	29.27	2812.95	731.86	2553.02	2434.50	1.06	-0.10	0.018
102.00	-16.78	-1.04	0.00	-27.18	0.00	27.18	2793.07	723.67	2496.22	2390.05	1.10	-0.10	0.017
104.00	-16.45	-1.04	0.00	-25.09	0.00	25.09	2772.92	715.49	2440.06	2345.77	1.14	-0.10	0.017
106.00	-16.12	-1.04	0.00	-23.01	0.00	23.01	2752.51	707.30	2384.53	2301.65	1.19	-0.11	0.016
108.00	-15.79	-1.04	0.00	-20.93	0.00	20.93	2731.84	699.11	2329.65	2257.73	1.23	-0.11	0.015
110.00	-15.47	-1.03	0.00	-18.86	0.00	18.86	2710.91	690.92	2275.40	2213.98	1.28	-0.11	0.014
112.00	-15.15	-1.03	0.00	-16.79	0.00	16.79	2689.71	682.74	2221.79	2170.44	1.32	-0.11	0.013
114.00	-14.83	-1.03	0.00	-14.73	0.00	14.73	2668.26	674.55	2168.82	2127.10	1.37	-0.11	0.012
116.00	-14.52	-1.03	0.00	-12.67	0.00	12.67	2646.54	666.36	2116.50	2083.97	1.42	-0.11	0.012
118.00	-14.21	-1.02	0.00	-10.62	0.00	10.62	2624.55	658.18	2064.81	2041.07	1.46	-0.11	0.011
120.00	-9.65	-0.63	0.00	-8.57	0.00	8.57	2602.31	649.99	2013.75	1998.39	1.51	-0.11	0.008
122.00	-9.36	-0.63	0.00	-7.31	0.00	7.31	2579.81	641.80	1963.34	1955.94	1.56	-0.11	0.007
124.00	-9.07	-0.63	0.00	-6.05	0.00	6.05	2557.04	633.61	1913.57	1913.74	1.61	-0.12	0.007
126.00	-8.79	-0.62	0.00	-4.80	0.00	4.80	2534.01	625.43	1864.44	1871.79	1.66	-0.12	0.006
128.00	-8.51	-0.62	0.00	-3.55	0.00	3.55	2510.72	617.24	1815.94	1830.10	1.70	-0.12	0.005
130.00	-4.98	-0.34	0.00	-2.31	0.00	2.31	2487.16	609.05	1768.08	1788.67	1.75	-0.12	0.003
132.00	-4.55	-0.33	0.00	-1.63	0.00	1.63	2463.34	600.86	1720.87	1747.52	1.80	-0.12	0.003
134.00	-4.13	-0.32	0.00	-0.97	0.00	0.97	2439.27	592.68	1674.29	1706.65	1.85	-0.12	0.002
135.00	-3.92	-0.32	0.00	-0.65	0.00	0.65	1824.83	478.70	1365.31	1291.47	1.88	-0.12	0.003
136.00	-3.82	-0.32	0.00	-0.33	0.00	0.33	1817.10	475.42	1346.69	1277.14	1.90	-0.12	0.002
137.00	-0.26	0.00	0.00	0.00	0.00	0.00	1809.31	472.15	1328.20	1262.84	1.93	-0.12	0.000
138.00	-0.17	0.00	0.00	0.00	0.00	0.00	1801.45	468.87	1309.84	1248.56	1.95	-0.12	0.000
140.00	0.00	0.00	0.00	0.00	0.00	0.00	1785.54	462.32	1273.50	1220.12	2.00	-0.12	0.000

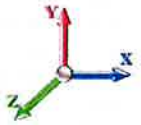
Wind Loading - Shaft

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 51	

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	0.70	5.377	5.91	271.31	0.730	0.000	0.00	0.000	0.00	0.0	0.0	0.0
2.00		1.00	0.70	5.377	5.91	269.33	0.730	0.000	2.00	10.876	7.94	47.0	0.0	603.2
4.00		1.00	0.70	5.377	5.91	267.35	0.730	0.000	2.00	10.796	7.88	46.6	0.0	598.7
6.00		1.00	0.70	5.377	5.91	265.37	0.730	0.000	2.00	10.717	7.82	46.3	0.0	594.3
8.00		1.00	0.70	5.377	5.91	263.39	0.730	0.000	2.00	10.637	7.77	45.9	0.0	589.8
10.00		1.00	0.70	5.377	5.91	261.42	0.730	0.000	2.00	10.558	7.71	45.6	0.0	585.4
12.00		1.00	0.70	5.377	5.91	259.44	0.730	0.000	2.00	10.478	7.65	45.2	0.0	580.9
14.00		1.00	0.70	5.377	5.91	257.46	0.730	0.000	2.00	10.398	7.59	44.9	0.0	576.5
16.00		1.00	0.70	5.377	5.91	255.48	0.730	0.000	2.00	10.319	7.53	44.6	0.0	572.1
18.00		1.00	0.70	5.377	5.91	253.50	0.730	0.000	2.00	10.239	7.47	44.2	0.0	567.6
20.00		1.00	0.70	5.377	5.91	251.52	0.730	0.000	2.00	10.160	7.42	43.9	0.0	563.2
22.00		1.00	0.70	5.377	5.91	249.54	0.730	0.000	2.00	10.080	7.36	43.5	0.0	558.7
24.00		1.00	0.70	5.377	5.91	247.57	0.730	0.000	2.00	10.000	7.30	43.2	0.0	554.3
25.00	Top - Section 1	1.00	0.70	5.377	5.91	246.58	0.730	0.000	1.00	4.970	3.63	21.5	0.0	275.5
26.00		1.00	0.70	5.377	5.91	245.59	0.730	0.000	1.00	4.950	3.61	21.4	0.0	235.4
28.00		1.00	0.70	5.377	5.91	243.61	0.730	0.000	2.00	9.841	7.18	42.5	0.0	468.0
30.00		1.00	0.70	5.381	5.92	241.73	0.730	0.000	2.00	9.762	7.13	42.2	0.0	464.2
32.00		1.00	0.71	5.482	6.03	241.97	0.730	0.000	2.00	9.682	7.07	42.6	0.0	460.4
34.00		1.00	0.73	5.577	6.14	242.06	0.730	0.000	2.00	9.602	7.01	43.0	0.0	456.6
36.00		1.00	0.74	5.669	6.24	242.02	0.730	0.000	2.00	9.523	6.95	43.4	0.0	452.7
38.00		1.00	0.75	5.757	6.33	241.85	0.730	0.000	2.00	9.443	6.89	43.7	0.0	448.9
40.00		1.00	0.76	5.842	6.43	241.56	0.730	0.000	2.00	9.364	6.84	43.9	0.0	445.1
41.00	Bot - Section 3	1.00	0.77	5.884	6.47	241.38	0.730	0.000	1.00	4.652	3.40	22.0	0.0	221.1
42.00		1.00	0.77	5.924	6.52	241.18	0.730	0.000	1.00	4.696	3.43	22.3	0.0	443.4
44.00		1.00	0.78	6.004	6.60	240.69	0.730	0.000	2.00	9.331	6.81	45.0	0.0	881.1
46.00		1.00	0.79	6.080	6.69	240.12	0.730	0.000	2.00	9.252	6.75	45.2	0.0	873.5
48.00	Top - Section 2	1.00	0.80	6.155	6.77	239.47	0.730	0.000	2.00	9.172	6.70	45.3	0.0	865.8
50.00		1.00	0.81	6.227	6.85	242.14	0.730	0.000	2.00	9.093	6.64	45.5	0.0	432.1
52.00		1.00	0.82	6.297	6.93	241.36	0.730	0.000	2.00	9.013	6.58	45.6	0.0	428.3
54.00		1.00	0.83	6.365	7.00	240.51	0.730	0.000	2.00	8.933	6.52	45.7	0.0	424.5
56.00		1.00	0.84	6.432	7.08	239.60	0.730	0.000	2.00	8.854	6.46	45.7	0.0	420.7
58.00		1.00	0.85	6.497	7.15	238.63	0.730	0.000	2.00	8.774	6.41	45.8	0.0	416.9
60.00		1.00	0.85	6.560	7.22	237.60	0.730	0.000	2.00	8.694	6.35	45.8	0.0	413.1
62.00		1.00	0.86	6.622	7.28	236.52	0.730	0.000	2.00	8.615	6.29	45.8	0.0	409.3
64.00		1.00	0.87	6.682	7.35	235.39	0.730	0.000	2.00	8.535	6.23	45.8	0.0	405.5
66.00		1.00	0.88	6.741	7.42	234.21	0.730	0.000	2.00	8.456	6.17	45.8	0.0	401.7
68.00		1.00	0.89	6.799	7.48	232.99	0.730	0.000	2.00	8.376	6.11	45.7	0.0	397.9
70.00		1.00	0.89	6.855	7.54	231.72	0.730	0.000	2.00	8.296	6.06	45.7	0.0	394.0
72.00		1.00	0.90	6.911	7.60	230.41	0.730	0.000	2.00	8.217	6.00	45.6	0.0	390.2
74.00		1.00	0.91	6.965	7.66	229.06	0.730	0.000	2.00	8.137	5.94	45.5	0.0	386.4
76.00		1.00	0.91	7.018	7.72	227.68	0.730	0.000	2.00	8.058	5.88	45.4	0.0	382.6
78.00		1.00	0.92	7.071	7.78	226.25	0.730	0.000	2.00	7.978	5.82	45.3	0.0	378.8
80.00		1.00	0.93	7.122	7.83	224.80	0.730	0.000	2.00	7.898	5.77	45.2	0.0	375.0
82.00		1.00	0.93	7.172	7.89	223.31	0.730	0.000	2.00	7.819	5.71	45.0	0.0	371.2
84.00		1.00	0.94	7.222	7.94	221.78	0.730	0.000	2.00	7.739	5.65	44.9	0.0	367.4
85.00	Bot - Section 4	1.00	0.94	7.246	7.97	221.01	0.730	0.000	1.00	3.840	2.80	22.3	0.0	182.3
86.00		1.00	0.95	7.271	8.00	220.23	0.730	0.000	1.00	3.873	2.83	22.6	0.0	334.7

Wind Loading - Shaft

Structure: CT11560-A
Site Name: Sterling 6 CT
Height: 140.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1

Topography: 1

Code: TIA-222-H
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

7/10/2023

88.00	1.00	0.95	7.319	8.05	218.65	0.730	0.000	2.00	7.686	5.61	45.2	0.0	664.2
90.00	1.00	0.96	7.366	8.10	217.03	0.730	0.000	2.00	7.606	5.55	45.0	0.0	657.2
91.00 Top - Section 3	1.00	0.96	7.389	8.13	216.22	0.730	0.000	1.00	3.773	2.75	22.4	0.0	326.0
92.00	1.00	0.96	7.412	8.15	218.48	0.730	0.000	1.00	3.753	2.74	22.3	0.0	148.6
94.00	1.00	0.97	7.458	8.20	216.82	0.730	0.000	2.00	7.447	5.44	44.6	0.0	294.9
95.00 Appurtenance(s)	1.00	0.97	7.480	8.23	215.98	0.730	0.000	1.00	3.694	2.70	22.2	0.0	146.3
96.00	1.00	0.98	7.503	8.25	215.14	0.730	0.000	1.00	3.674	2.68	22.1	0.0	145.5
98.00	1.00	0.98	7.547	8.30	213.43	0.730	0.000	2.00	7.288	5.32	44.2	0.0	288.6
100.00	1.00	0.99	7.591	8.35	211.69	0.730	0.000	2.00	7.208	5.26	43.9	0.0	285.4
102.00	1.00	0.99	7.634	8.40	209.94	0.730	0.000	2.00	7.129	5.20	43.7	0.0	282.2
104.00	1.00	1.00	7.676	8.44	208.16	0.730	0.000	2.00	7.049	5.15	43.5	0.0	279.0
106.00	1.00	1.00	7.718	8.49	206.35	0.730	0.000	2.00	6.969	5.09	43.2	0.0	275.9
108.00	1.00	1.01	7.760	8.54	204.53	0.730	0.000	2.00	6.890	5.03	42.9	0.0	272.7
110.00	1.00	1.02	7.800	8.58	202.68	0.730	0.000	2.00	6.810	4.97	42.7	0.0	269.5
112.00	1.00	1.02	7.841	8.62	200.81	0.730	0.000	2.00	6.731	4.91	42.4	0.0	266.3
114.00	1.00	1.03	7.880	8.67	198.93	0.730	0.000	2.00	6.651	4.86	42.1	0.0	263.2
116.00	1.00	1.03	7.920	8.71	197.02	0.730	0.000	2.00	6.571	4.80	41.8	0.0	260.0
118.00	1.00	1.04	7.958	8.75	195.10	0.730	0.000	2.00	6.492	4.74	41.5	0.0	256.8
120.00 Appurtenance(s)	1.00	1.04	7.997	8.80	193.15	0.730	0.000	2.00	6.412	4.68	41.2	0.0	253.6
122.00	1.00	1.05	8.035	8.84	191.19	0.730	0.000	2.00	6.333	4.62	40.9	0.0	250.5
124.00	1.00	1.05	8.072	8.88	189.21	0.730	0.000	2.00	6.253	4.56	40.5	0.0	247.3
126.00	1.00	1.06	8.109	8.92	187.21	0.730	0.000	2.00	6.173	4.51	40.2	0.0	244.1
128.00	1.00	1.06	8.146	8.96	185.20	0.730	0.000	2.00	6.094	4.45	39.9	0.0	240.9
130.00 Bot - Section 5	1.00	1.07	8.182	9.00	183.17	0.730	0.000	2.00	6.014	4.39	39.5	0.0	237.8
132.00	1.00	1.07	8.217	9.04	181.13	0.730	0.000	2.00	6.019	4.39	39.7	0.0	425.3
134.00	1.00	1.07	8.253	9.08	179.06	0.730	0.000	2.00	5.940	4.34	39.4	0.0	419.6
135.00 Top - Section 4	1.00	1.08	8.270	9.10	178.03	0.730	0.000	1.00	2.940	2.15	19.5	0.0	207.6
136.00	1.00	1.08	8.288	9.12	179.60	0.730	0.000	1.00	2.920	2.13	19.4	0.0	92.5
137.00 Appurtenance(s)	1.00	1.08	8.305	9.14	178.56	0.730	0.000	1.00	2.900	2.12	19.3	0.0	91.9
138.00	1.00	1.08	8.323	9.15	177.51	0.730	0.000	1.00	2.880	2.10	19.2	0.0	91.2
140.00	1.00	1.09	8.357	9.19	175.41	0.730	0.000	2.00	5.701	4.16	38.3	0.0	180.6
							Totals:	**140.00**			**3,061.9**		**30,014.2**

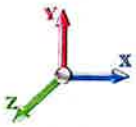
Discrete Appurtenance Forces

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 53	

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	137.00	Low Profile Platform	1	8.305	9.136	1.00	1.00	22.00	1500.00	0.000	0.000	200.99	0.00	0.00
2	137.00	Antel BXA-70063-6CF-2	3	8.305	9.136	0.58	0.75	13.12	51.00	0.000	0.000	119.82	0.00	0.00
3	137.00	JAHH-65B-R3B	6	8.305	9.136	0.62	0.75	47.85	481.20	0.000	0.000	437.10	0.00	0.00
4	137.00	Samsung B5/B13	3	8.305	9.136	0.58	0.75	3.26	210.90	0.000	0.000	29.76	0.00	0.00
5	137.00	Samsung B2/B66A	3	8.305	9.136	0.62	0.75	3.51	253.20	0.000	0.000	32.07	0.00	0.00
6	137.00	Kaelus BSF0020F3V1-1	4	8.305	9.136	0.49	0.75	1.87	70.40	0.000	0.000	17.10	0.00	0.00
7	137.00	(3) Stabilizer Kit (4' FW)	1	8.305	9.136	1.00	1.00	3.70	140.00	0.000	0.000	33.80	0.00	0.00
8	137.00	MT6407-77A	3	8.305	9.136	0.52	0.75	7.40	261.30	0.000	0.000	67.63	0.00	0.00
9	137.00	Commscope	3	8.305	9.136	0.66	0.75	0.73	31.20	0.000	0.000	6.69	0.00	0.00
10	137.00	Raycap OVP-12	1	8.305	9.136	0.66	0.75	2.68	32.00	0.000	0.000	24.48	0.00	0.00
11	137.00	(3) HR w/ Double V-Brace	1	8.305	9.136	1.00	1.00	15.50	650.00	0.000	0.000	141.60	0.00	0.00
12	130.00	HRK12 (Handrail Kit)	1	8.182	9.000	1.00	1.00	10.00	261.72	0.000	0.000	90.00	0.00	0.00
13	130.00	HPA-65R-BU8AA	3	8.182	9.000	0.65	0.75	21.73	162.00	0.000	0.000	195.57	0.00	0.00
14	130.00	DMP65R-BU8DA	3	8.182	9.000	0.55	0.75	29.35	287.10	0.000	0.000	264.16	0.00	0.00
15	130.00	RRUS 4449 B5/B12	3	8.182	9.000	0.68	0.75	3.32	219.00	0.000	0.000	29.89	0.00	0.00
16	130.00	LGP17201	6	8.182	9.000	0.50	0.75	5.04	60.00	0.000	0.000	45.31	0.00	0.00
17	130.00	RRUS 8843 B2 B66A	3	8.182	9.000	0.68	0.75	3.36	216.00	0.000	0.000	30.22	0.00	0.00
18	130.00	Low Profile Platform	1	8.182	9.000	1.00	1.00	22.00	1500.00	0.000	0.000	198.00	0.00	0.00
19	130.00	DC6-48-60-18-8F	1	8.182	9.000	0.60	0.75	2.22	32.80	0.000	0.000	19.98	0.00	0.00
20	130.00	Powerwave LGP21401 -	6	8.182	9.000	0.53	0.75	2.62	105.00	0.000	0.000	23.58	0.00	0.00
21	130.00	7770.00	6	8.182	9.000	0.58	0.75	19.09	162.00	0.000	0.000	171.83	0.00	0.00
22	130.00	15'x2.875"mount pipe	3	8.182	9.000	1.00	1.00	12.93	261.00	0.000	0.000	116.37	0.00	0.00
23	130.00	Powerwave LGP21901 -	6	8.182	9.000	0.50	0.75	5.04	186.00	0.000	0.000	45.31	0.00	0.00
24	120.00	PRK-1245 (kicker kit)	1	7.997	8.796	1.00	1.00	9.50	464.91	0.000	0.000	83.57	0.00	0.00
25	120.00	APX16DWV-16DWVS-E-A	3	7.997	8.796	0.50	0.75	9.74	122.10	0.000	0.000	85.66	0.00	0.00
26	120.00	APXVAA4L24-43-U-NA20	3	7.997	8.796	0.54	0.75	32.79	368.40	0.000	0.000	288.42	0.00	0.00
27	120.00	AIR6449 B41	3	7.997	8.796	0.53	0.75	9.03	309.00	0.000	0.000	79.40	0.00	0.00
28	120.00	LP-RMQP-4096-HK Plat	1	7.997	8.796	1.00	1.00	51.70	2669.00	0.000	0.000	454.77	0.00	0.00
29	120.00	4460 B25 + B66	3	7.997	8.796	0.67	0.75	4.29	312.00	0.000	0.000	37.70	0.00	0.00
30	120.00	4480 B71 + B85	3	7.997	8.796	0.56	0.75	4.08	279.00	0.000	0.000	35.92	0.00	0.00
31	95.00	Raycap	1	7.480	8.228	1.00	1.00	2.01	21.90	0.000	0.000	16.54	0.00	0.00
32	95.00	Fujitsu TA08025-B605	3	7.480	8.228	0.50	0.75	2.95	225.00	0.000	0.000	24.31	0.00	0.00
33	95.00	Fujitsu TA08025-B604	3	7.480	8.228	0.50	0.75	2.95	191.70	0.000	0.000	24.31	0.00	0.00
34	95.00	Commscope	3	7.480	8.228	0.55	0.75	20.15	212.40	0.000	0.000	165.83	0.00	0.00
35	95.00	MC-PK10-DSH	1	7.480	8.228	1.00	1.00	46.50	1669.30	0.000	0.000	382.62	0.00	0.00
							Totals:		**13,978.53**			**4,020.32**		

Total Applied Force Summary

Structure:	CT11560-A		**Code:**	TIA-222-H	7/10/2023
Site Name:	Sterling 6 CT		**Exposure:**	B	
Height:	140.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 54

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
2.00		46.96	680.84	0.00	0.00
4.00		46.61	676.39	0.00	0.00
6.00		46.27	671.95	0.00	0.00
8.00		45.93	667.50	0.00	0.00
10.00		45.58	663.06	0.00	0.00
12.00		45.24	658.61	0.00	0.00
14.00		44.90	654.17	0.00	0.00
16.00		44.55	649.72	0.00	0.00
18.00		44.21	645.28	0.00	0.00
20.00		43.87	640.83	0.00	0.00
22.00		43.52	636.39	0.00	0.00
24.00		43.18	631.94	0.00	0.00
25.00		21.46	314.30	0.00	0.00
26.00		21.37	274.25	0.00	0.00
28.00		42.49	545.65	0.00	0.00
30.00		42.18	541.84	0.00	0.00
32.00		42.62	538.03	0.00	0.00
34.00		43.01	534.22	0.00	0.00
36.00		43.35	530.41	0.00	0.00
38.00		43.66	526.60	0.00	0.00
40.00		43.93	522.79	0.00	0.00
41.00		21.98	259.96	0.00	0.00
42.00		22.34	482.23	0.00	0.00
44.00		44.99	958.74	0.00	0.00
46.00		45.17	951.12	0.00	0.00
48.00		45.33	943.50	0.00	0.00
50.00		45.47	509.81	0.00	0.00
52.00		45.58	506.00	0.00	0.00
54.00		45.66	502.19	0.00	0.00
56.00		45.73	498.38	0.00	0.00
58.00		45.77	494.57	0.00	0.00
60.00		45.80	490.76	0.00	0.00
62.00		45.81	486.95	0.00	0.00
64.00		45.80	483.14	0.00	0.00
66.00		45.77	479.33	0.00	0.00
68.00		45.73	475.52	0.00	0.00
70.00		45.67	471.71	0.00	0.00
72.00		45.60	467.90	0.00	0.00
74.00		45.51	464.09	0.00	0.00
76.00		45.41	460.28	0.00	0.00
78.00		45.30	456.47	0.00	0.00
80.00		45.17	452.66	0.00	0.00
82.00		45.03	448.85	0.00	0.00
84.00		44.88	445.04	0.00	0.00
85.00		22.34	221.09	0.00	0.00
86.00		22.61	373.55	0.00	0.00

Total Applied Force Summary

Structure:	CT11560-A		**Code:**	TIA-222-H	7/10/2023
Site Name:	Sterling 6 CT		**Exposure:**	B	
Height:	140.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 55

88.00		45.17	741.86	0.00	0.00
90.00		44.99	734.88	0.00	0.00
91.00		22.39	364.82	0.00	0.00
92.00		22.34	187.48	0.00	0.00
94.00		44.60	372.58	0.00	0.00
95.00	(11) attachments	635.80	2505.40	0.00	0.00
96.00		22.13	182.49	0.00	0.00
98.00		44.17	362.59	0.00	0.00
100.00		43.94	359.42	0.00	0.00
102.00		43.70	356.24	0.00	0.00
104.00		43.45	353.07	0.00	0.00
106.00		43.19	349.89	0.00	0.00
108.00		42.93	346.72	0.00	0.00
110.00		42.66	343.54	0.00	0.00
112.00		42.38	340.37	0.00	0.00
114.00		42.09	337.19	0.00	0.00
116.00		41.79	334.02	0.00	0.00
118.00		41.49	330.84	0.00	0.00
120.00	(17) attachments	1106.61	4852.08	0.00	0.00
122.00		40.86	309.49	0.00	0.00
124.00		40.53	306.32	0.00	0.00
126.00		40.20	303.14	0.00	0.00
128.00		39.86	299.97	0.00	0.00
130.00	(42) attachments	1269.73	3749.41	0.00	0.00
132.00		39.72	455.21	0.00	0.00
134.00		39.36	449.49	0.00	0.00
135.00		19.52	222.60	0.00	0.00
136.00		19.43	107.45	0.00	0.00
137.00	(29) attachments	1130.39	3788.02	0.00	0.00
138.00		19.25	93.58	0.00	0.00
140.00		38.26	185.26	0.00	0.00
	Totals:	**7,082.25**	**49,014.04**	**0.00**	**0.00**

Linear Appurtenance Segment Forces (Factored)

Structure: CT11560-A
Site Name: Sterling 6 CT
Height: 140.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 7/10/2023
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
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)
2.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.015	0.000	5.377	0.00	0.55
2.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.015	0.000	5.377	0.00	4.16
4.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	5.377	0.00	0.55
4.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	5.377	0.00	4.16
6.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	5.377	0.00	0.55
6.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	5.377	0.00	4.16
8.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	5.377	0.00	0.55
8.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	5.377	0.00	4.16
10.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	5.377	0.00	0.55
10.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	5.377	0.00	4.16
12.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	5.377	0.00	0.55
12.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	5.377	0.00	4.16
14.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	5.377	0.00	0.55
14.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	5.377	0.00	4.16
16.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	5.377	0.00	0.55
16.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	5.377	0.00	4.16
18.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.016	0.000	5.377	0.00	0.55
18.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.016	0.000	5.377	0.00	4.16
20.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.017	0.000	5.377	0.00	0.55
20.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.017	0.000	5.377	0.00	4.16
22.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.017	0.000	5.377	0.00	0.55
22.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.017	0.000	5.377	0.00	4.16
24.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.017	0.000	5.377	0.00	0.55
24.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.017	0.000	5.377	0.00	4.16
25.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.017	0.000	5.377	0.00	0.27
25.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.017	0.000	5.377	0.00	2.08
26.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.017	0.000	5.377	0.00	0.27
26.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.017	0.000	5.377	0.00	2.08
28.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.017	0.000	5.377	0.00	0.55
28.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.017	0.000	5.377	0.00	4.16
30.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.017	0.000	5.381	0.00	0.55
30.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.017	0.000	5.381	0.00	4.16
32.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.017	0.000	5.482	0.00	0.55
32.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.017	0.000	5.482	0.00	4.16
34.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.018	0.000	5.577	0.00	0.55
34.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.018	0.000	5.577	0.00	4.16
36.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.018	0.000	5.669	0.00	0.55
36.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.018	0.000	5.669	0.00	4.16
38.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.018	0.000	5.757	0.00	0.55
38.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.018	0.000	5.757	0.00	4.16
40.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.018	0.000	5.842	0.00	0.55
40.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.018	0.000	5.842	0.00	4.16
41.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.018	0.000	5.884	0.00	0.27
41.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.018	0.000	5.884	0.00	2.08
42.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.018	0.000	5.924	0.00	0.27
42.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.018	0.000	5.924	0.00	2.08
44.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.018	0.000	6.004	0.00	0.55

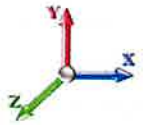
Linear Appurtenance Segment Forces (Factored)

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 57	

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)
44.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.018	0.000	6.004	0.00	4.16
46.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.018	0.000	6.080	0.00	0.55
46.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.018	0.000	6.080	0.00	4.16
48.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	6.155	0.00	0.55
48.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	6.155	0.00	4.16
50.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	6.227	0.00	0.55
50.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	6.227	0.00	4.16
52.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	6.297	0.00	0.55
52.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	6.297	0.00	4.16
54.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	6.365	0.00	0.55
54.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	6.365	0.00	4.16
56.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	6.432	0.00	0.55
56.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	6.432	0.00	4.16
58.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	6.497	0.00	0.55
58.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	6.497	0.00	4.16
60.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.019	0.000	6.560	0.00	0.55
60.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.019	0.000	6.560	0.00	4.16
62.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	6.622	0.00	0.55
62.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	6.622	0.00	4.16
64.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	6.682	0.00	0.55
64.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	6.682	0.00	4.16
66.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	6.741	0.00	0.55
66.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	6.741	0.00	4.16
68.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	6.799	0.00	0.55
68.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	6.799	0.00	4.16
70.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	6.855	0.00	0.55
70.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	6.855	0.00	4.16
72.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	6.911	0.00	0.55
72.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	6.911	0.00	4.16
74.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.021	0.000	6.965	0.00	0.55
74.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.021	0.000	6.965	0.00	4.16
76.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.021	0.000	7.018	0.00	0.55
76.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.021	0.000	7.018	0.00	4.16
78.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.021	0.000	7.071	0.00	0.55
78.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.021	0.000	7.071	0.00	4.16
80.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.021	0.000	7.122	0.00	0.55
80.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.021	0.000	7.122	0.00	4.16
82.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.022	0.000	7.172	0.00	0.55
82.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.022	0.000	7.172	0.00	4.16
84.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.022	0.000	7.222	0.00	0.55
84.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.022	0.000	7.222	0.00	4.16
85.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.022	0.000	7.246	0.00	0.27
85.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.022	0.000	7.246	0.00	2.08
86.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.022	0.000	7.271	0.00	0.27
86.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.022	0.000	7.271	0.00	2.08
88.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.022	0.000	7.319	0.00	0.55
88.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.022	0.000	7.319	0.00	4.16

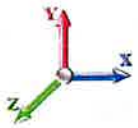
Linear Appurtenance Segment Forces (Factored)

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 58	

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)
90.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.022	0.000	7.366	0.00	0.55
90.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.022	0.000	7.366	0.00	4.16
91.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.023	0.000	7.389	0.00	0.27
91.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.023	0.000	7.389	0.00	2.08
92.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.022	0.000	7.412	0.00	0.27
92.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.022	0.000	7.412	0.00	2.08
94.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.023	0.000	7.458	0.00	0.55
94.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.023	0.000	7.458	0.00	4.16
95.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.023	0.000	7.480	0.00	0.27
95.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.023	0.000	7.480	0.00	2.08
96.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.023	0.000	7.503	0.00	0.27
96.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.023	0.000	7.503	0.00	2.08
98.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.023	0.000	7.547	0.00	0.55
98.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.023	0.000	7.547	0.00	4.16
100.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.023	0.000	7.591	0.00	0.55
100.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.023	0.000	7.591	0.00	4.16
102.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.024	0.000	7.634	0.00	0.55
102.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.024	0.000	7.634	0.00	4.16
104.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.024	0.000	7.676	0.00	0.55
104.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.024	0.000	7.676	0.00	4.16
106.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.024	0.000	7.718	0.00	0.55
106.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.024	0.000	7.718	0.00	4.16
108.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.024	0.000	7.760	0.00	0.55
108.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.024	0.000	7.760	0.00	4.16
110.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.025	0.000	7.800	0.00	0.55
110.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.025	0.000	7.800	0.00	4.16
112.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.025	0.000	7.841	0.00	0.55
112.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.025	0.000	7.841	0.00	4.16
114.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.025	0.000	7.880	0.00	0.55
114.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.025	0.000	7.880	0.00	4.16
116.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.026	0.000	7.920	0.00	0.55
116.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.026	0.000	7.920	0.00	4.16
118.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.026	0.000	7.958	0.00	0.55
118.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.026	0.000	7.958	0.00	4.16
120.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.026	0.000	7.997	0.00	0.55
120.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.026	0.000	7.997	0.00	4.16
122.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.027	0.000	8.035	0.00	0.55
122.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.027	0.000	8.035	0.00	4.16
124.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.027	0.000	8.072	0.00	0.55
124.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.027	0.000	8.072	0.00	4.16
126.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.027	0.000	8.109	0.00	0.55
126.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.027	0.000	8.109	0.00	4.16
128.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.028	0.000	8.146	0.00	0.55
128.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.028	0.000	8.146	0.00	4.16
130.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.028	0.000	8.182	0.00	0.55
130.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.028	0.000	8.182	0.00	4.16
132.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.028	0.000	8.217	0.00	0.55

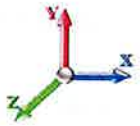
Linear Appurtenance Segment Forces (Factored)

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 59	

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)
132.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.028	0.000	8.217	0.00	4.16
134.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.029	0.000	8.253	0.00	0.55
134.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.029	0.000	8.253	0.00	4.16
135.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.029	0.000	8.270	0.00	0.27
135.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.029	0.000	8.270	0.00	2.08
136.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.029	0.000	8.288	0.00	0.27
136.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.029	0.000	8.288	0.00	2.08
137.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.029	0.000	8.305	0.00	0.27
137.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.029	0.000	8.305	0.00	2.08
138.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.029	0.000	8.323	0.00	0.27
138.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.029	0.000	8.323	0.00	2.08
140.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.030	0.000	8.357	0.00	0.55
140.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.030	0.000	8.357	0.00	4.16
										Totals:	**0.0**	**329.4**

Calculated Forces

Structure:	CT11560-A	**Code:**	TIA-222-H	7/10/2023	
Site Name:	Sterling 6 CT	**Exposure:**	B		
Height:	140.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 60	

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	-49.01	-7.09	0.00	-727.42	0.00	727.42	5803.10	1561.17	8297.91	7657.05	0.00	0.000	0.000	0.103
2.00	-48.33	-7.05	0.00	-713.25	0.00	713.25	5778.21	1549.71	8176.51	7567.86	0.00	-0.009	0.000	0.103
4.00	-47.65	-7.01	0.00	-699.16	0.00	699.16	5753.06	1538.25	8056.00	7478.80	0.01	-0.018	0.000	0.102
6.00	-46.98	-6.97	0.00	-685.15	0.00	685.15	5727.65	1526.78	7936.39	7389.90	0.02	-0.027	0.000	0.101
8.00	-46.31	-6.93	0.00	-671.21	0.00	671.21	5701.98	1515.32	7817.67	7301.16	0.03	-0.036	0.000	0.100
10.00	-45.65	-6.89	0.00	-657.36	0.00	657.36	5676.04	1503.86	7699.85	7212.59	0.05	-0.045	0.000	0.099
12.00	-44.99	-6.85	0.00	-643.58	0.00	643.58	5649.84	1492.40	7582.92	7124.20	0.07	-0.054	0.000	0.098
14.00	-44.33	-6.81	0.00	-629.88	0.00	629.88	5623.38	1480.93	7466.89	7035.98	0.09	-0.063	0.000	0.097
16.00	-43.68	-6.77	0.00	-616.25	0.00	616.25	5596.66	1469.47	7351.75	6947.96	0.12	-0.072	0.000	0.097
18.00	-43.04	-6.74	0.00	-602.71	0.00	602.71	5569.67	1458.01	7237.50	6860.14	0.15	-0.081	0.000	0.096
20.00	-42.39	-6.70	0.00	-589.24	0.00	589.24	5542.43	1446.55	7124.15	6772.52	0.19	-0.090	0.000	0.095
22.00	-41.76	-6.66	0.00	-575.84	0.00	575.84	5514.92	1435.08	7011.70	6685.11	0.23	-0.099	0.000	0.094
24.00	-41.12	-6.62	0.00	-562.53	0.00	562.53	5487.15	1423.62	6900.13	6597.93	0.27	-0.108	0.000	0.093
25.00	-40.81	-6.60	0.00	-555.91	0.00	555.91	5473.16	1417.89	6844.69	6554.42	0.29	-0.112	0.000	0.092
25.00	-40.81	-6.60	0.00	-555.91	0.00	555.91	4407.37	1216.64	5879.49	5289.42	0.29	-0.112	0.000	0.114
26.00	-40.53	-6.58	0.00	-549.31	0.00	549.31	4397.65	1211.73	5832.10	5256.32	0.32	-0.117	0.000	0.114
28.00	-39.99	-6.55	0.00	-536.14	0.00	536.14	4378.03	1201.90	5737.91	5190.16	0.37	-0.127	0.000	0.112
30.00	-39.45	-6.51	0.00	-523.04	0.00	523.04	4358.14	1192.08	5644.49	5124.08	0.43	-0.138	0.000	0.111
32.00	-38.91	-6.47	0.00	-510.02	0.00	510.02	4338.00	1182.25	5551.83	5058.08	0.49	-0.148	0.000	0.110
34.00	-38.37	-6.44	0.00	-497.07	0.00	497.07	4317.58	1172.43	5459.94	4992.17	0.55	-0.159	0.000	0.108
36.00	-37.84	-6.40	0.00	-484.20	0.00	484.20	4296.91	1162.60	5368.81	4926.35	0.62	-0.169	0.000	0.107
38.00	-37.31	-6.36	0.00	-471.40	0.00	471.40	4275.98	1152.78	5278.46	4860.65	0.69	-0.180	0.000	0.106
40.00	-36.79	-6.32	0.00	-458.68	0.00	458.68	4254.78	1142.95	5188.87	4795.05	0.77	-0.190	0.000	0.104
41.00	-36.53	-6.30	0.00	-452.36	0.00	452.36	4244.08	1138.04	5144.36	4762.30	0.81	-0.196	0.000	0.104
42.00	-36.04	-6.28	0.00	-446.05	0.00	446.05	4233.32	1133.13	5100.04	4729.58	0.85	-0.201	0.000	0.103
44.00	-35.08	-6.24	0.00	-433.49	0.00	433.49	4211.60	1123.30	5011.98	4664.23	0.94	-0.211	0.000	0.101
46.00	-34.13	-6.20	0.00	-421.01	0.00	421.01	4189.62	1113.48	4924.69	4599.03	1.03	-0.222	0.000	0.100
48.00	-33.19	-6.15	0.00	-408.62	0.00	408.62	4202.72	1119.32	4976.50	4637.78	1.12	-0.232	0.000	0.096
50.00	-32.68	-6.11	0.00	-396.31	0.00	396.31	4180.63	1109.50	4889.52	4572.63	1.22	-0.242	0.000	0.095
52.00	-32.17	-6.07	0.00	-384.09	0.00	384.09	4158.28	1099.67	4803.31	4507.62	1.33	-0.252	0.000	0.093
54.00	-31.67	-6.03	0.00	-371.95	0.00	371.95	4135.67	1089.85	4717.86	4442.77	1.44	-0.262	0.000	0.091
56.00	-31.17	-5.98	0.00	-359.89	0.00	359.89	4112.79	1080.02	4633.18	4378.08	1.55	-0.272	0.000	0.090
58.00	-30.67	-5.94	0.00	-347.92	0.00	347.92	4089.65	1070.20	4549.27	4313.56	1.66	-0.281	0.000	0.088
60.00	-30.18	-5.90	0.00	-336.04	0.00	336.04	4066.25	1060.37	4466.12	4249.22	1.78	-0.291	0.000	0.087
62.00	-29.69	-5.86	0.00	-324.24	0.00	324.24	4042.59	1050.55	4383.75	4185.07	1.91	-0.301	0.000	0.085
64.00	-29.21	-5.81	0.00	-312.53	0.00	312.53	4018.67	1040.72	4302.13	4121.10	2.04	-0.310	0.000	0.083
66.00	-28.73	-5.77	0.00	-300.91	0.00	300.91	3994.48	1030.90	4221.29	4057.34	2.17	-0.319	0.000	0.081
68.00	-28.25	-5.72	0.00	-289.37	0.00	289.37	3970.03	1021.07	4141.21	3993.79	2.30	-0.329	0.000	0.080
70.00	-27.78	-5.68	0.00	-277.92	0.00	277.92	3945.32	1011.25	4061.90	3930.45	2.44	-0.338	0.000	0.078
72.00	-27.31	-5.64	0.00	-266.56	0.00	266.56	3920.35	1001.42	3983.36	3867.33	2.59	-0.347	0.000	0.076
74.00	-26.85	-5.59	0.00	-255.29	0.00	255.29	3895.11	991.60	3905.58	3804.45	2.74	-0.356	0.000	0.074
76.00	-26.39	-5.55	0.00	-244.11	0.00	244.11	3869.62	981.77	3828.57	3741.80	2.89	-0.365	0.000	0.072
78.00	-25.93	-5.50	0.00	-233.01	0.00	233.01	3843.86	971.95	3752.32	3679.40	3.04	-0.374	0.000	0.070
80.00	-25.48	-5.46	0.00	-222.01	0.00	222.01	3817.84	962.12	3676.85	3617.26	3.20	-0.382	0.000	0.068
82.00	-25.03	-5.41	0.00	-211.09	0.00	211.09	3791.55	952.30	3602.14	3555.38	3.36	-0.390	0.000	0.066
84.00	-24.58	-5.37	0.00	-200.26	0.00	200.26	3765.01	942.47	3528.19	3493.76	3.53	-0.399	0.000	0.064
85.00	-24.36	-5.35	0.00	-194.89	0.00	194.89	3751.64	937.56	3491.51	3463.06	3.61	-0.403	0.000	0.063
86.00	-23.99	-5.32	0.00	-189.54	0.00	189.54	3738.20	932.65	3455.02	3432.43	3.70	-0.407	0.000	0.062

Calculated Forces

Structure:	CT11560-A		**Code:**	TIA-222-H	7/10/2023
Site Name:	Sterling 6 CT		**Exposure:**	B	
Height:	140.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 61

88.00	-23.25	-5.28	0.00	-178.90	0.00	178.90	3711.13	922.82	3382.61	3371.38	3.87	-0.415	0.000	0.059
90.00	-22.51	-5.23	0.00	-168.34	0.00	168.34	3683.80	913.00	3310.96	3310.62	4.04	-0.422	0.000	0.057
91.00	-22.15	-5.21	0.00	-163.11	0.00	163.11	2899.19	768.71	2816.54	2636.38	4.13	-0.426	0.000	0.070
92.00	-21.96	-5.18	0.00	-157.91	0.00	157.91	2889.87	764.61	2786.62	2613.82	4.22	-0.430	0.000	0.068
94.00	-21.58	-5.14	0.00	-147.54	0.00	147.54	2871.03	756.42	2727.26	2568.78	4.40	-0.438	0.000	0.065
95.00	-19.08	-4.48	0.00	-142.40	0.00	142.40	2861.52	752.33	2697.82	2546.31	4.50	-0.442	0.000	0.063
96.00	-18.90	-4.46	0.00	-137.92	0.00	137.92	2851.93	748.24	2668.54	2523.87	4.59	-0.446	0.000	0.061
98.00	-18.54	-4.42	0.00	-128.99	0.00	128.99	2832.57	740.05	2610.46	2479.11	4.78	-0.453	0.000	0.059
100.00	-18.18	-4.37	0.00	-120.15	0.00	120.15	2812.95	731.86	2553.02	2434.50	4.97	-0.461	0.000	0.056
102.00	-17.82	-4.33	0.00	-111.41	0.00	111.41	2793.07	723.67	2496.22	2390.05	5.16	-0.468	0.000	0.053
104.00	-17.47	-4.29	0.00	-102.75	0.00	102.75	2772.92	715.49	2440.06	2345.77	5.36	-0.475	0.000	0.050
106.00	-17.12	-4.24	0.00	-94.17	0.00	94.17	2752.51	707.30	2384.53	2301.65	5.56	-0.481	0.000	0.047
108.00	-16.77	-4.20	0.00	-85.69	0.00	85.69	2731.84	699.11	2329.65	2257.73	5.76	-0.487	0.000	0.044
110.00	-16.43	-4.15	0.00	-77.30	0.00	77.30	2710.91	690.92	2275.40	2213.98	5.97	-0.493	0.000	0.041
112.00	-16.09	-4.11	0.00	-68.99	0.00	68.99	2689.71	682.74	2221.79	2170.44	6.18	-0.498	0.000	0.038
114.00	-15.75	-4.07	0.00	-60.77	0.00	60.77	2668.26	674.55	2168.82	2127.10	6.39	-0.503	0.000	0.035
116.00	-15.42	-4.02	0.00	-52.64	0.00	52.64	2646.54	666.36	2116.50	2083.97	6.60	-0.507	0.000	0.031
118.00	-15.09	-3.98	0.00	-44.60	0.00	44.60	2624.55	658.18	2064.81	2041.07	6.81	-0.511	0.000	0.028
120.00	-10.24	-2.83	0.00	-36.64	0.00	36.64	2602.31	649.99	2013.75	1998.39	7.03	-0.515	0.000	0.022
122.00	-9.94	-2.79	0.00	-30.98	0.00	30.98	2579.81	641.80	1963.34	1955.94	7.24	-0.518	0.000	0.020
124.00	-9.63	-2.74	0.00	-25.41	0.00	25.41	2557.04	633.61	1913.57	1913.74	7.46	-0.520	0.000	0.017
126.00	-9.33	-2.70	0.00	-19.92	0.00	19.92	2534.01	625.43	1864.44	1871.79	7.68	-0.522	0.000	0.014
128.00	-9.03	-2.66	0.00	-14.52	0.00	14.52	2510.72	617.24	1815.94	1830.10	7.90	-0.524	0.000	0.012
130.00	-5.29	-1.35	0.00	-9.21	0.00	9.21	2487.16	609.05	1768.08	1788.67	8.12	-0.525	0.000	0.007
132.00	-4.83	-1.31	0.00	-6.50	0.00	6.50	2463.34	600.86	1720.87	1747.52	8.34	-0.526	0.000	0.006
134.00	-4.39	-1.27	0.00	-3.88	0.00	3.88	2439.27	592.68	1674.29	1706.65	8.56	-0.527	0.000	0.004
135.00	-4.16	-1.25	0.00	-2.61	0.00	2.61	1824.83	478.70	1365.31	1291.47	8.67	-0.527	0.000	0.004
136.00	-4.06	-1.23	0.00	-1.36	0.00	1.36	1817.10	475.42	1346.69	1277.14	8.78	-0.527	0.000	0.003
137.00	-0.28	-0.06	0.00	-0.14	0.00	0.14	1809.31	472.15	1328.20	1262.84	8.89	-0.527	0.000	0.000
138.00	-0.18	-0.04	0.00	-0.08	0.00	0.08	1801.45	468.87	1309.84	1248.56	9.00	-0.527	0.000	0.000
140.00	0.00	-0.04	0.00	0.00	0.00	0.00	1785.54	462.32	1273.50	1220.12	9.22	-0.527	0.000	0.000

Final Analysis Summary

Structure:	CT11560-A		**Code:**	TIA-222-H	7/10/2023
Site Name:	Sterling 6 CT		**Exposure:**	B	
Height:	140.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 62

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 124 mph Wind	33.8	0.00	58.80	0.00	0.00	3487.51
0.9D + 1.0W 124 mph Wind	33.8	0.00	44.10	0.00	0.00	3463.86
1.2D + 1.0Di + 1.0Wi 50 mph Wind	8.3	0.00	77.83	0.00	0.00	833.99
1.2D + 1.0Ev + 1.0Eh	1.2	0.00	60.81	0.00	0.00	146.21
0.9D + 1.0Ev + 1.0Eh	1.2	0.00	46.05	0.00	0.00	145.48
1.0D + 1.0W 60 mph Wind	7.1	0.00	49.01	0.00	0.00	727.42

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 124 mph Wind	-48.69	-31.59	0.00	-2667.6	0.00	-2667.6	5473.16	1417.8	6844.69	6554.42	25.00	0.516
0.9D + 1.0W 124 mph Wind	-36.44	-31.47	0.00	-2645.5	0.00	-2645.5	5473.16	1417.8	6844.69	6554.42	25.00	0.509
1.2D + 1.0Di + 1.0Wi 50 mph Wind	-66.16	-7.69	0.00	-633.75	0.00	-633.75	5473.16	1417.8	6844.69	6554.42	25.00	0.135
1.2D + 1.0Ev + 1.0Eh	-50.65	-1.18	0.00	-116.85	0.00	-116.85	5473.16	1417.8	6844.69	6554.42	25.00	0.034
0.9D + 1.0Ev + 1.0Eh	-38.35	-1.18	0.00	-116.18	0.00	-116.18	5473.16	1417.8	6844.69	6554.42	25.00	0.031
1.0D + 1.0W 60 mph Wind	-40.81	-6.60	0.00	-555.91	0.00	-555.91	5473.16	1417.8	6844.69	6554.42	25.00	0.114

Base Plate Summary

Structure:	CT11560-A		**Code:**	TIA-222-H	7/10/2023
Site Name:	Sterling 6 CT		**Exposure:**	B	
Height:	140.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 63

SBA

Reactions		Base Plate		Anchor Bolts	
Original Design		**Yield (ksi):**	50.00	**Bolt Circle:**	72.00
Moment (kip-ft):	4677.10	**Width (in):**	77.00	**Number Bolts:**	20.00
Axial (kip):	45.50	**Style:**	Round	**Bolt Type:**	2.00" F1554 105
Shear (kip):	35.70	**Polygon Sides:**	0.00	**Bolt Diameter (in):**	2.00
Analysis (1.2D + 1.0W)		**Clip Length (in):**	0.00	**Yield (ksi):**	105.00
Moment (kip-ft):	3487.51	**Effective Len (in):**	13.40	**Ultimate (ksi):**	125.00
Axial (kip):	58.80	**Moment (kip-in):**	446.96	**Arrangement:**	Radial
Shear (kip):	33.83	**Allow Stress (ksi):**	67.50	**Cluster Dist (in):**	0.00
		Applied Stress (ksi):	49.95	**Start Angle (deg):**	0.00
		Stress Ratio:	0.74 (93.4%)	Compression	
				Force (kip):	119.19
				Allowable (kip):	296.88
				Ratio:	0.40
				Tension	
				Force (kip):	113.31
				Allowable (kip):	234.38
				Ratio:	0.48 (61.0%)

Tower Drawing:

Pole bottom diameter=64.5”

Bolt circle=57”

Moment arm=64.5”-57”/2=3.75”

SA workaround:

Pole bottom diameter=64.5”

Bolt circle=72”

Moment arm=72”-64.5”/2=3.75”

Ratio=SA calculation BC/ actual BC=72”/57” =1.26

Final Rating:

Anchor bolt= 48.4% x1.26=61.0%

Base plate= 74.1% x1.26=93.4%

Monopole Mat Foundation Design

Customer Name:	Verizon	TIA Standard:	TIA-222-H
Site Name:	Sterling 6 CT	Structure Height (Ft.):	140
Site Number:	CT11560-A	Engineer Name:	SBA Engineer
Engr. Number:		Engineer Login ID:	

Date: 7/10/2023

Foundation Info Obtained from: Drawings/Calculations

Structure Type: Monopole

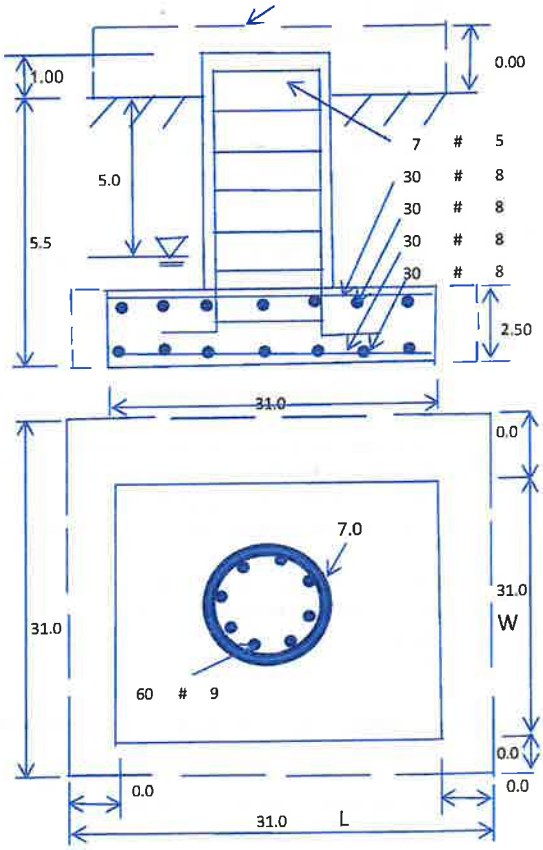
Analysis or Design? Analysis

Base Reactions (Factored):

Axial Load (Kips):	58.8	Shear Force (Kips):	33.8
Uplift Force (Kips):	0.0	Moment (Kips-ft):	3487.5

Foundation Geometries:

		Mods required -Yes/No ?:	No
Diameter of Pier (ft.):	7.0	Depth of Base BG (ft.):	5.5
Pier Height A. G. (ft.):	1.00	Thickness of Pad (ft):	2.50
Length of Pad (ft.):	31	Width of Pad (ft.):	31
Final Length of pad (ft)	31.0	Final width of pad (ft):	31.0



Material Properties and Reabr Info:

Concrete Strength (psi):	3000	Steel Elastic Modulus:	29000	ksi
Vertical bar yield (ksi)	60	Tie steel yield (ksi):	60	
Vertical Rebar Size #:	9	Tie / Stirrup Size #:	5	
Qty. of Vertical Rebars:	60	Tie Spacing (in):	12.0	
Pad Rebar Yield (Ksi):	60	Pad Steel Rebar Size (#):	8	
Concrete Cover (in.):	3	Unit Weight of Concrete:	150.0	pcf
Rebar at the bottom of the concrete pad:				
Qty. of Rebar in Pad (L):	30	Qty. of Rebar in Pad (W):	30	
Rebar at the top of the concrete pad:				
Qty. of Rebar in Pad (L):	30	Qty. of Rebar in Pad (W):	30	

Soil Design Parameters:

Soil Unit Weight (pcf):	120.0	Soil Buoyant Weight:	57.6	Pcf		
Water Table B.G.S. (ft):	5.0	Unit Weight of Water:	62.4	pcf	Angle from Top of Pad:	30
Ultimate Bearing Pressure (psf):	44891	Ultimate Skin Friction:	0	Psf	Angle from Bottm of Pad:	25
Consider Friction for O.T.M. (Y/N):	No	Consider Friction for bearing (Y/N):	No		Angle from Bottm of Pad:	25
Consider soil hor. resist. for OTM.:	No	Reduction factor on the maximum soil bearing pressure:			1.00	

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

Total Dry Soil Volume (cu. Ft.):	2767.55	Total Dry Soil Weight (Kips):	332.11
Total Buoyant Soil Volume (cu. Ft.):	0.00	Total Buoyant Soil Weight (Kips):	0.00
Total Effective Soil Weight (Kips):	332.11	Weight from the Concrete Block at Top (K):	0.00
Total Dry Concrete Volume (cu. Ft.):	2075.94	Total Dry Concrete Weight (Kips):	311.39
Total Buoyant Concrete Volume (cu. Ft.):	480.50	Total Buoyant Concrete Weight (Kips):	42.09
Total Effective Concrete Weight (Kips):	353.48	Total Vertical Load on Base (Kips):	744.39

Check Soil Capacities:

				Load/ Capacity Ratio	
Calculated Maxium Net Soil Pressure under the base (psf):	1423	<	Allowable Factored Soil Bearing (psf): 33668	0.04	OK!
Allowable Foundation Overturning Resistance (kips-ft.):	10475.4	>	Design Factored Momont (kips-ft): 3707	0.35	OK!
Factor of Safety Against Overturning (O. R. Moment/Design Moment):	2.83	OK!			

Check the capacities of Reinforceing Concrete:

Strength reduction factor (Flexure and axial tension):	0.90		Strength reduction factor (Shear):	0.75			
Strength reduction factor (Axial compresion):	0.65		Wind Load Factor on Concrete Design:	1.00			
					Load/ Capacity Ratio		
(1) Concrete Pier:							
Vertical Steel Rebar Area (sq. in./each):	1.00		Tie / Stirrup Area (sq. in./each):	0.31			
Calculated Moment Capacity (Mn,Kips-Ft):	9417.5	>	Design Factored Moment (Mu, Kips-Ft	3622.8	0.38	OK!	
Calculated Shear Capacity (Kips):	663.6	>	Design Factored Shear (Kips):	33.8	0.05	OK!	
Calculated Tension Capacity (Tn, Kips):	3240.0	>	Design Factored Tension (Tu Kips):	0.0	0.00	OK!	
Calculated Compression Capacity (Pn, Kips):	7268.8	>	Design Factored Axial Load (Pu Kips):	58.8	0.01	OK!	
Moment & Axial Strength Combination:	0.38	OK!	Check Tie Spacing (Design/Required):		1	OK!	
Pier Reinforcement Ratio:	0.011		Reinforcement Ratio is satisfied per ACI				
(2).Concrete Pad:							
One-Way Design Shear Capacity (L-Direction, Kips):	809.9	>	One-Way Factored Shear (L-D. Kips):	248.9	0.31	OK!	
One-Way Design Shear Capacity (W-Direction, Kips):	809.9	>	One-Way Factored Shear (W-D., Kips):	248.9	0.31	OK!	
One-Way Design Shear Capacity (Corner-Corner. Kips):	847.1	>	One-Way Factored Shear (C-C, Kips):	241.1	0.28	OK!	
Lower Steel Pad Reinforcement Ratio (L-Direct.):	0.0024	OK!	Lower Steel Pad Reinf. Ratio (W-Direc	0.0024			
Lower Steel Pad Moment Capacity (L-Direction. Kips-ft):	2746.3	>	Moment at Bottom (L-Dir. K-Ft):	1670.1	0.61	OK!	
Lower Steel Pad Moment Capacity (W-Direction. Kips-ft):	2746.3	>	Moment at Bottom (W-Dir. K-Ft):	1670.1	0.61	OK!	
Lower Steel Pad Moment Capacity (Corner-Corner,K-ft):	3862.4	>	Moment at Bottom (C-C Dir. K-Ft):	2361.9	0.61	OK!	
Upper Steel Pad Reinforcement Ratio (L-Direct.):	0.0024	OK!	Upper Steel Reinf. Ratio (W-Dir.):	0.0024			
Upper Steel Pad Moment Capacity (L-Direc. Kips-ft):	2746.3	>	Moment at the top (L-Dir K-Ft):	652.9	0.24	OK!	
Upper Steel Pad Moment Capacity (W-Direc. Kips-ft):	2746.3	>	Moment at the top (W-Dir K-Ft):	652.9	0.24	OK!	
Upper Steel Pad Moment Capacity (Corner-Corner. K-ft):	3862.4	>	Moment at the top (C-C Dir. K-Ft):	609.5	0.16	OK!	
(3).Check Punching Shear Capacity due to Moment in the Pier:							
Moment transferred by punching shear:	1395.0	k-ft.	Max. factored shear stress v_{u_CD}:		2.8	Psi	
Max. factored shear stress v_{u_AB}:	13.1	Psi	Factored shear Strength ϕv_n:		164.3	Psi	
Max. factored shear stress v_u:	13.1	Psi	Check Usage of Punching Shear Capacity:		0.08	OK!	
(4).Check Bending Capacity of the Pad Within the Effective Slab Width:							
Overturning moment to be transferred by flexure:	1046.3	k-ft.	Effective Width for resisting OT moment:		14.5	ft.	
Calculated number of Rebar in Effective width:	15		Actual number of Rebar in Effective width:		15		
Steel Pad Moment Capacity (L-Direc. Kips-ft):	1370.4	k-ft.	Check Usage of the Flexure Capacity:		0.76	OK!	

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Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10206282
Colliers Engineering & Design CT. P. C. Project #: 23777047 (Rev. 1)

July 10, 2023

Site Information	*Site ID:*	*5000244753-VZW / STERLING CT*
	Site Name:	*STERLING CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*7 Exeter Drive* *Sterling, Connecticut 06377* *Windham County*
	Latitude:	*41.714028°*
	Longitude:	*-71.822722°*
Structure Information	*Tower Type:*	*140-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 17123906

Analysis Results

Platform: **58.8% Pass***

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

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

Report Prepared By: Frank Centone

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS, Site ID: 324922, dated November 3, 2021*
Mount Mapping Report	*Structural Components, Site ID: 16281619, dated February 18, 2021*
Previous Mount Analysis Report	*Maser Consulting Connecticut, Project #: 21777642 (Rev.3), dated November 9, 2021*
Post-Modification Inspection Report	*Maser Consulting Connecticut, Project #: 21777642 (Rev.3), dated November 18, 2022*
Filter Add Scope	*Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	125 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.980
Seismic Parameters:	S_S:	0.187 g
	S_1:	0.054 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Load, Lv:	250 lbs.
	Maintenance Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
136.00	137.00	3	Amphenol Antel	BXA-70063-6CF-2	Retained
		6	Commscope	JAHH-65B-R3B	
		3	Samsung	MT6407-77A	
		3	Commscope	CBC78T-DS-43-2X	
		1	Raycap	RVZDC-6627-PF-48	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		4	KAelus	BSF0020F3V1-1	Added

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

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

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	*11.4 %*	*Pass*
Standoff Horizontal	*34.6 %*	*Pass*
Platform Crossmember	*53.8 %*	*Pass*
Corner Plate	*29.4 %*	*Pass*
Grating Support	*37.6 %*	*Pass*
Cross Arm Plate	*25.9 %*	*Pass*
Mount Pipe	*19.2 %*	*Pass*
Dual Mounted Pipe	*10.6 %*	*Pass*
Support Rail	*20.7 %*	*Pass*
Support Rail Corner	*26.2 %*	*Pass*
Support Bracing Kit	*7.0 %*	*Pass*
Connection Check	*58.8 %*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**58.8%**

BASELINE mount weight per SBA agreement: 1818.30 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	30.8	30.8	45.3	45.3
0.5	40.2	40.2	60.5	60.5
1	48.4	48.4	74.4	74.4

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

Requirements:

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

Contractor shall inspect climbing facilities and safety climb and ensure they are in good condition. Contractor shall install safety climb wire rope guides in locations where wire rope is rubbing against the mount or mount-to-tower connection steel. Wire brush clean any observed corrosion and protect with two (2) coats of cold galvanization (Zinga or Zinc Kote). Contractor shall provide photos of wire rope guide installation as part of PMI documents. Contact EOR if additional guidance is required.

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 #: 5000244753 SMART Project #: 10206282 Fuze Project ID: 17123906

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:

Contractor shall inspect climbing facilities and safety climb and ensure they are in good condition. Contractor shall install safety climb wire rope guides in locations where wire rope is rubbing against the mount or mount-to-tower connection steel. Wire brush clean any observed corrosion and protect with two (2) coats of cold galvanization (Zinga or Zinc Kote). Contractor shall provide photos of wire rope guide installation as part of PMI documents. Contact EOR if additional guidance is required.

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: 5000244753-VZW - STERLING CT

Sector: A

Structure Type: Monopole

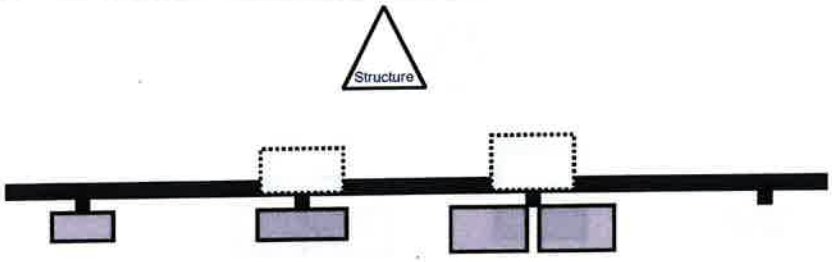
Mount Elev: 136.00

10206282

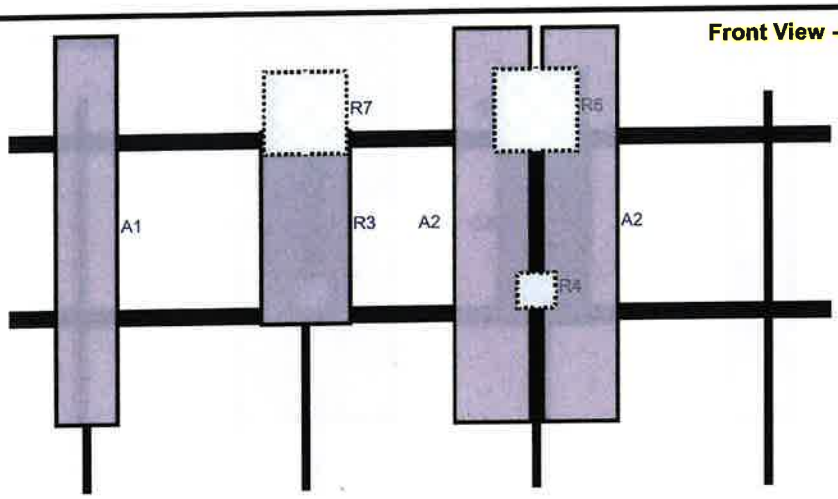
7/10/2023

Colliers Engineering & Design

Plan View



Front View - Looking at Structure



4 3 2 1

Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	JAHH-65B-R3B	72	13.8	96	2	a	Front	24	8	Retained	11/16/2022
A2	JAHH-65B-R3B	72	13.8	96	2	b	Front	24	-8	Retained	11/16/2022
R4	CBC78T-DS-43-2X	6.4	6.9	96	2	a	Behind	36	0	Retained	11/16/2022
R6	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	96	2	a	Behind	3	0	Retained	11/16/2022
R3	MT6407-77A	35.1	16.1	54	3	a	Front	24	0	Retained	11/16/2022
R7	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	54	3	a	Behind	3	0	Retained	11/16/2022
A1	BXA-70063-6CF-2	71	11.2	14	4	a	Front	24	0	Retained	11/16/2022
M101	RVZDC-6627-PF-48	28.9	15.7		Member					Retained	11/16/2022

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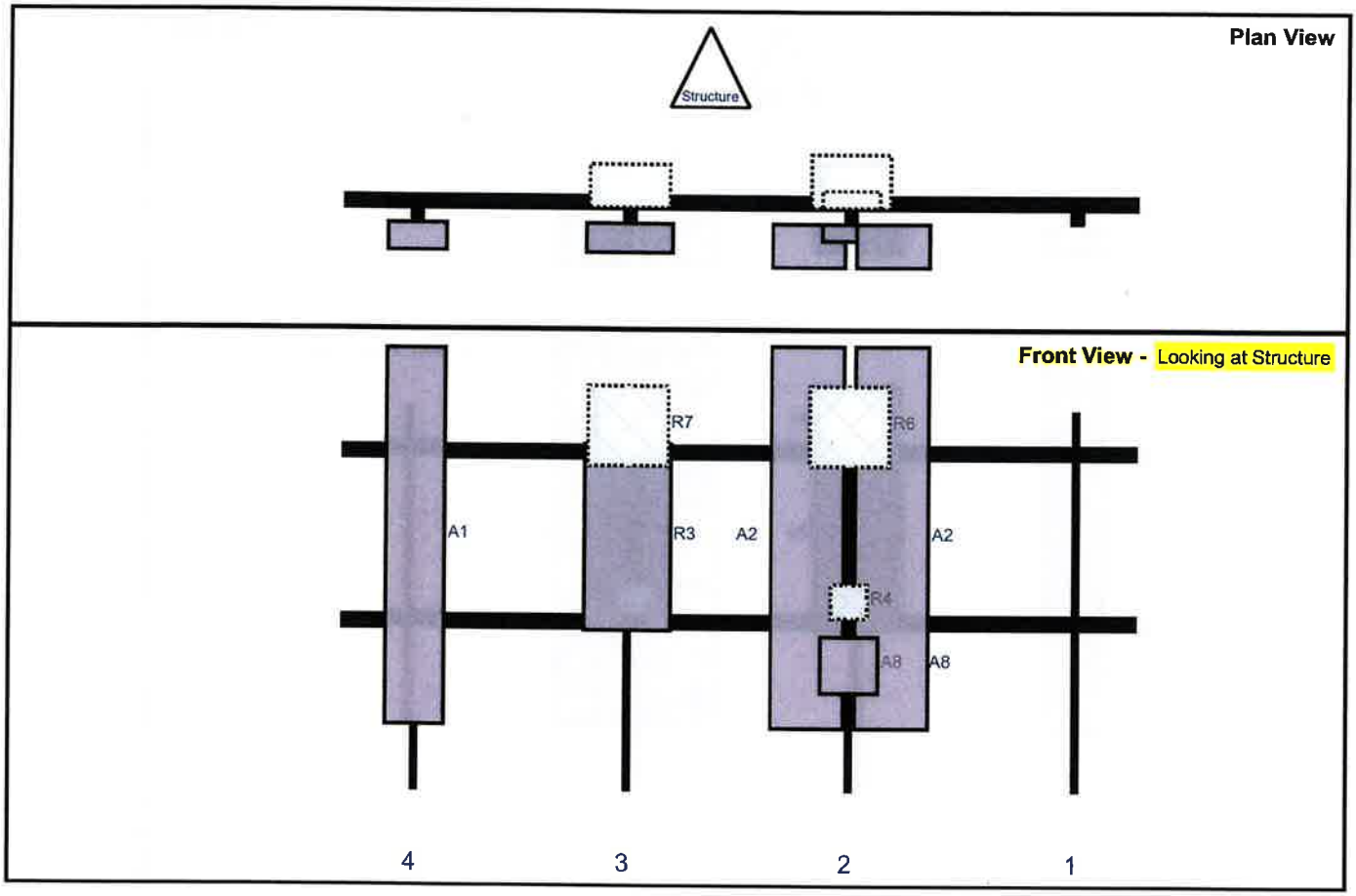
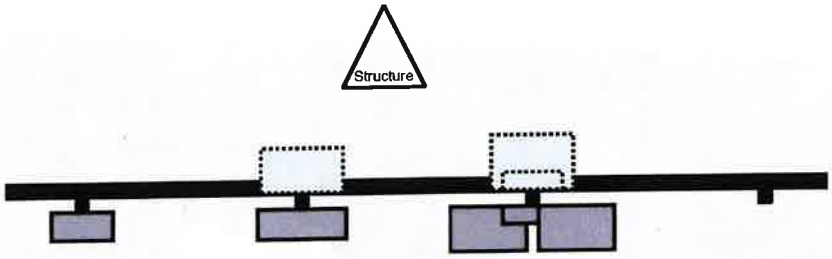


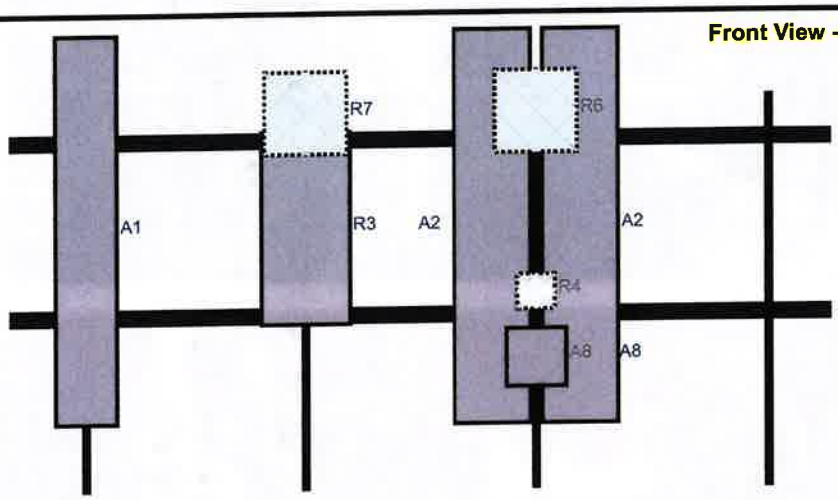
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	JAHH-65B-R3B	72	13.8	96	2	a	Front	24	8	Retained	11/16/2022
A2	JAHH-65B-R3B	72	13.8	96	2	b	Front	24	-8	Retained	11/16/2022
R4	CBC78T-DS-43-2X	6.4	6.9	96	2	a	Behind	36	0	Retained	11/16/2022
R6	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	96	2	a	Behind	3	0	Retained	11/16/2022
A8	BSF0020F3V1-1	10.6	10.9	96	2	a	Behind	48	0	Added	
A8	BSF0020F3V1-1	10.6	10.9	96	2	b	Front	48	0	Added	
R3	MT6407-77A	35.1	16.1	54	3	a	Front	24	0	Retained	11/16/2022
R7	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	54	3	a	Behind	3	0	Retained	11/16/2022
A1	BXA-70063-6CF-2	71	11.2	14	4	a	Front	24	0	Retained	11/16/2022

Colliers Engineering & Design

Plan View



Front View - Looking at Structure



4 3 2 1

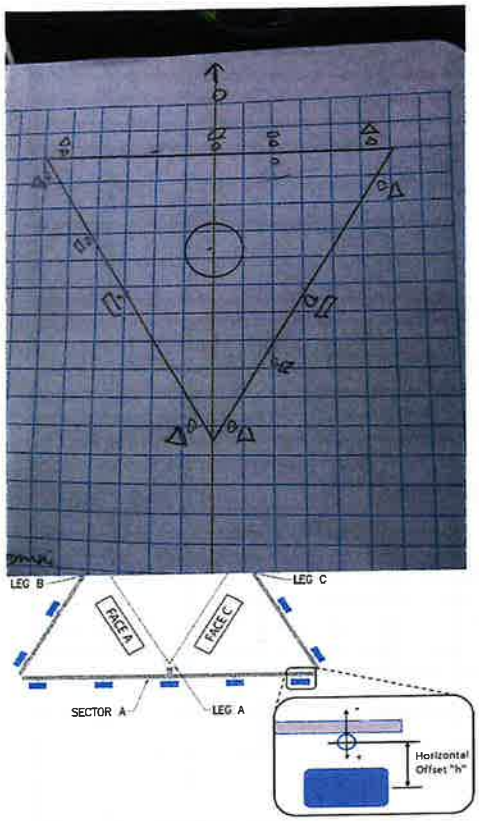
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	JAHH-65B-R3B	72	13.8	96	2	a	Front	24	8	Retained	11/16/2022
A2	JAHH-65B-R3B	72	13.8	96	2	b	Front	24	-8	Retained	11/16/2022
R4	CBC78T-DS-43-2X	6.4	6.9	96	2	a	Behind	36	0	Retained	11/16/2022
R6	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	96	2	a	Behind	3	0	Retained	11/16/2022
A8	BSF0020F3V1-1	10.6	10.9	96	2	a	Behind	48	0	Added	
A8	BSF0020F3V1-1	10.6	10.9	96	2	b	Front	48	0	Added	
R3	MT6407-77A	35.1	16.1	54	3	a	Front	24	0	Retained	11/16/2022
R7	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	54	3	a	Behind	3	0	Retained	11/16/2022
A1	BXA-70063-6CF-2	71	11.2	14	4	a	Front	24	0	Retained	11/16/2022

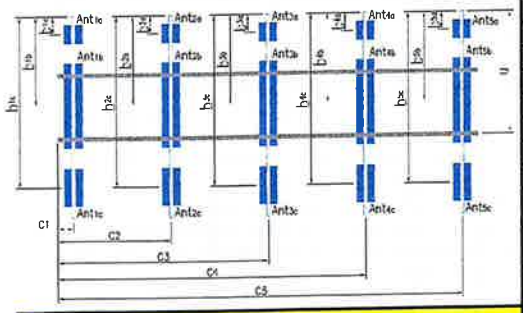
V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

FCC # 1261045

Tower Owner:	SBA	**Mapping Date:**	2/18/2021
Site Name:	Sterling CT	**Tower Type:**	Monopole
Site Number or ID:	16281619	**Tower Height (Ft.):**	140
Mapping Contractor:	Structural Components	**Mount Elevation (Ft.):**	136





Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "d"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "d"	Horizontal Offset "C1, C2, C3, etc."
A1	2-3/8 x 0.154 x 72	40.00	11.50	C1	2-3/8 x 0.154 x 72	40.00	12.00
A2	2-3/8 x 0.154 x 72	53.00	73.00	C2	2-3/8 x 0.154 x 72	53.00	75.50
A3	2-3/8 x 0.154 x 72	40.00	112.50	C3	2-3/8 x 0.154 x 72	40.00	114.00
A4	2-3/8 x 0.154 x 72	40.00	136.00	C4	2-3/8 x 0.154 x 72	40.00	138.00
A5				C5			
A6				C6			
B1	2-3/8 x 0.154 x 72	40.00	10.50	D1			
B2	2-3/8 x 0.154 x 72	53.00	73.50	D2			
B3	2-3/8 x 0.154 x 72	40.00	113.50	D3			
B4	2-3/8 x 0.154 x 72	40.00	137.50	D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	0.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	

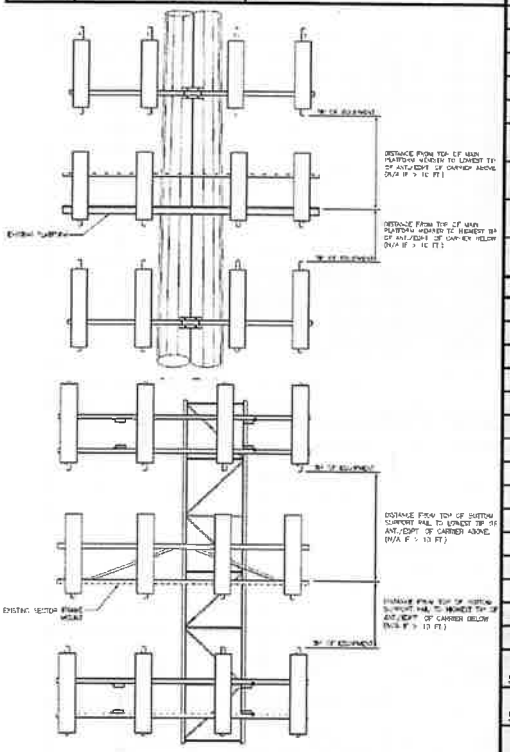
Please enter additional infomation or comments below.

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	33

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b},..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	Antel LPA80080/6CFB	6.00	13.00	71.00	1-5/8tx	136.375	35.50	17.50	0.00	7, 68
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	BXA70063-6CF EDIN	11.50	4.00	71.00	1-5/8tx	137.542	34.50	8.50	0.00	7, 72
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	unknown	6.00	4.00	71.00	1-5/8tx	136.375	35.50	8.00	0.00	783
Ant_{3c}	omni	2.00		24.00		140.333	-12.00	-4.00		83
Ant_{4a}										
Ant_{4b}	Antel LPA80080/6CFB	6.00	13.00	71.00	1-5/8tx	136.375	35.50	16.50	0.00	7, 95
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	0.00	Deg	Leg A:		Deg
Sector B:	120.00	Deg	Leg B:		Deg
Sector C:	240.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information		
Location:	20.00	Deg
Climbing Facility	Corrosion Type:	Good condition.
	Access:	Climbing path was unobstructed.
	Condition:	Good condition.



	Sector B									
Ant_{1a}										
Ant_{1b}	Antel LPA80080/6CFE	6.00	13.00	71.00	1-5/8tx	136.875	29.50	14.50	120.00	16, 108
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	BXA70063-6CF EDIN	11.50	4.00	71.00	1-5/8tx	137.583	34.00	8.50	120.00	16, 113
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	unknown	6.00	4.00	71.00	1-5/8tx	136.5	34.00	10.50	120.00	16, 120
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	Antel LPA80080/6CFE	6.00	13.00	71.00	1-5/8tx	136.875	29.50	14.00	120.00	16, 127
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
	Sector C									
Ant_{1a}										
Ant_{1b}	Antel LPA80080/6CFE	6.00	13.00	71.00	1-5/8tx	136.583	33.00	13.50	240.00	25, 131
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	BXA70063-6CF EDIN	11.50	4.00	71.00	1-5/8tx	137.542	34.50	8.50	240.00	25, 136
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	Unknown	6.00	4.00	71.00	1-5/8tx	136.458	34.50	9.00	240.00	25, 142
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	Antel LPA80080/6CFE	6.00	13.00	71.00	1-5/8tx	136.458	34.50	13.50	240.00	25, 148
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
	Sector D									
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

1		
2		
3		
4		
5		
6		
7		
8		

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

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

V3.0 Updated on 8-31-2020

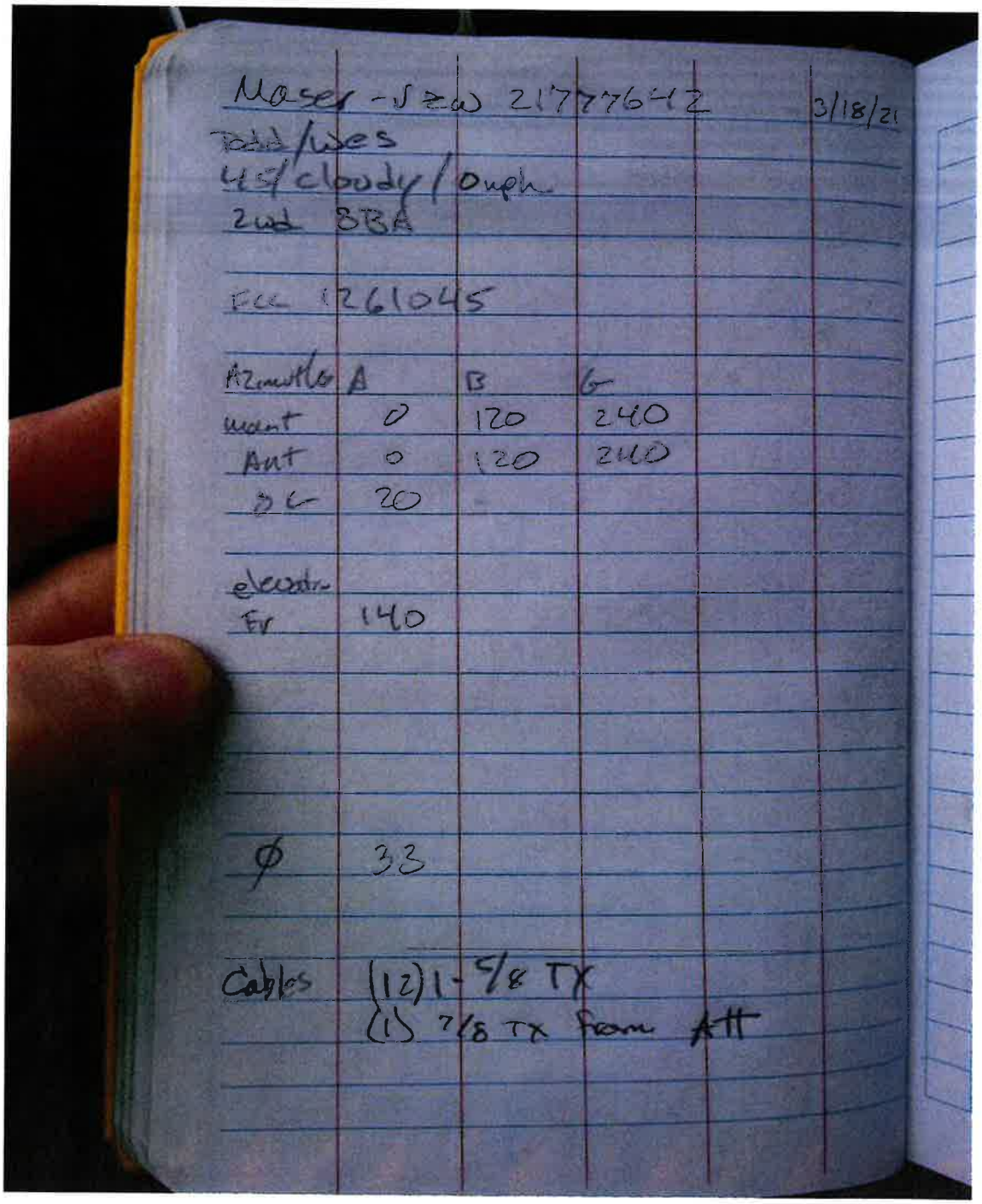
MASER CONSULTING P.A.

Antenna Mount Mapping Form (PATENT PENDING)

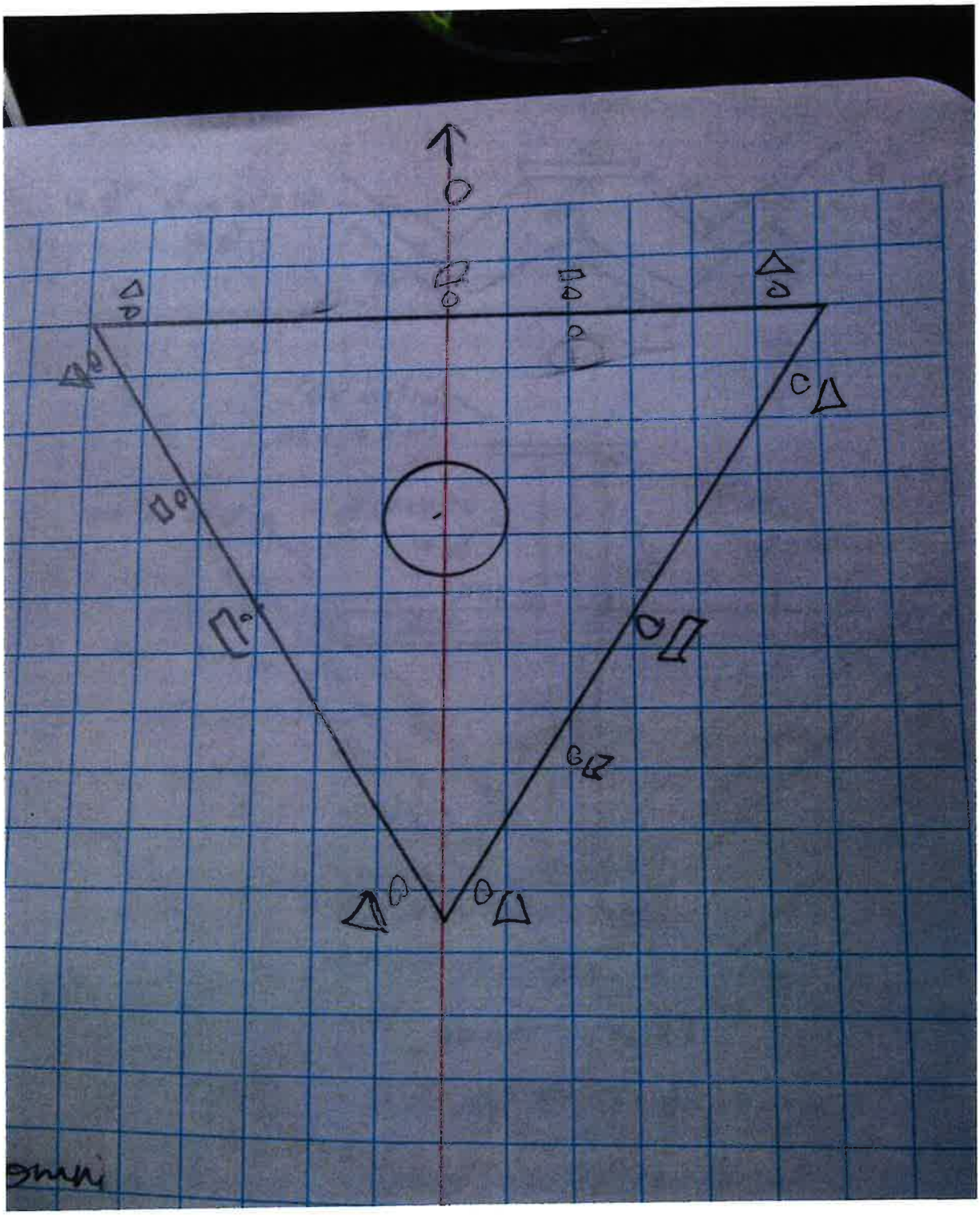
FCC # 1261045

Tower Owner:	SBA	Mapping Date:	2/18/2021
Site Name:	Sterling CT	Tower Type:	Monopole
Site Number or ID:	16281619	Tower Height (Ft.):	140
Mapping Contractor:	Structural Components	Mount Elevation (Ft.):	136

Please Insert Sketches of the Antenna Mount



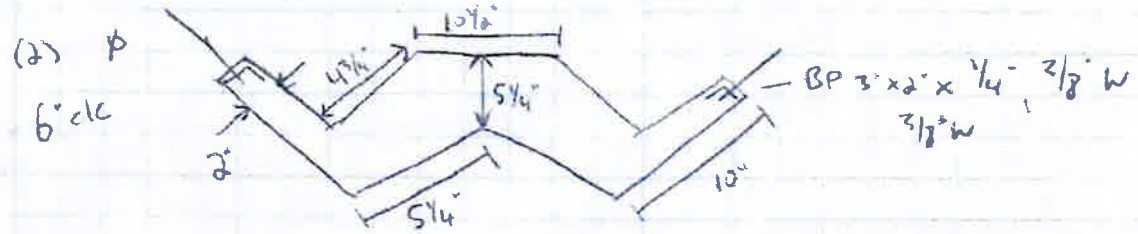
Please Insert Sketches of the Antenna Mount, cont'd

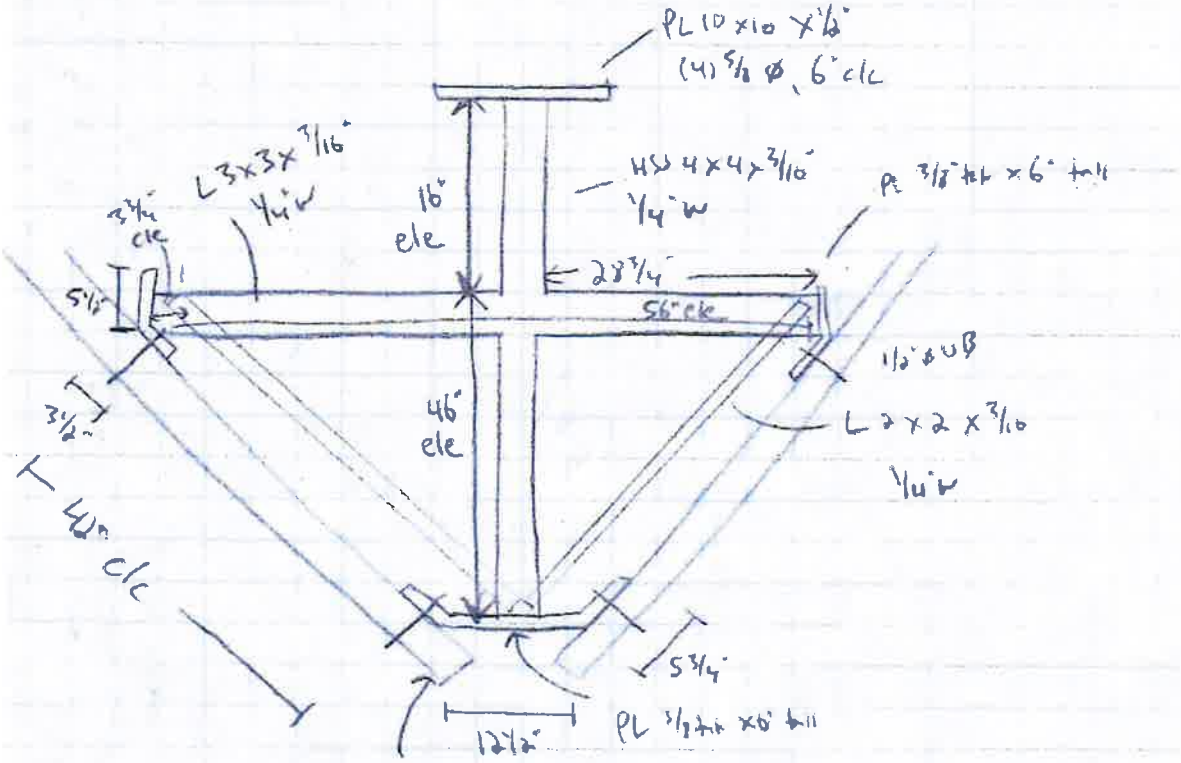


Please Insert Sketches of the Antenna Mount, cont'd

Sterling, CT

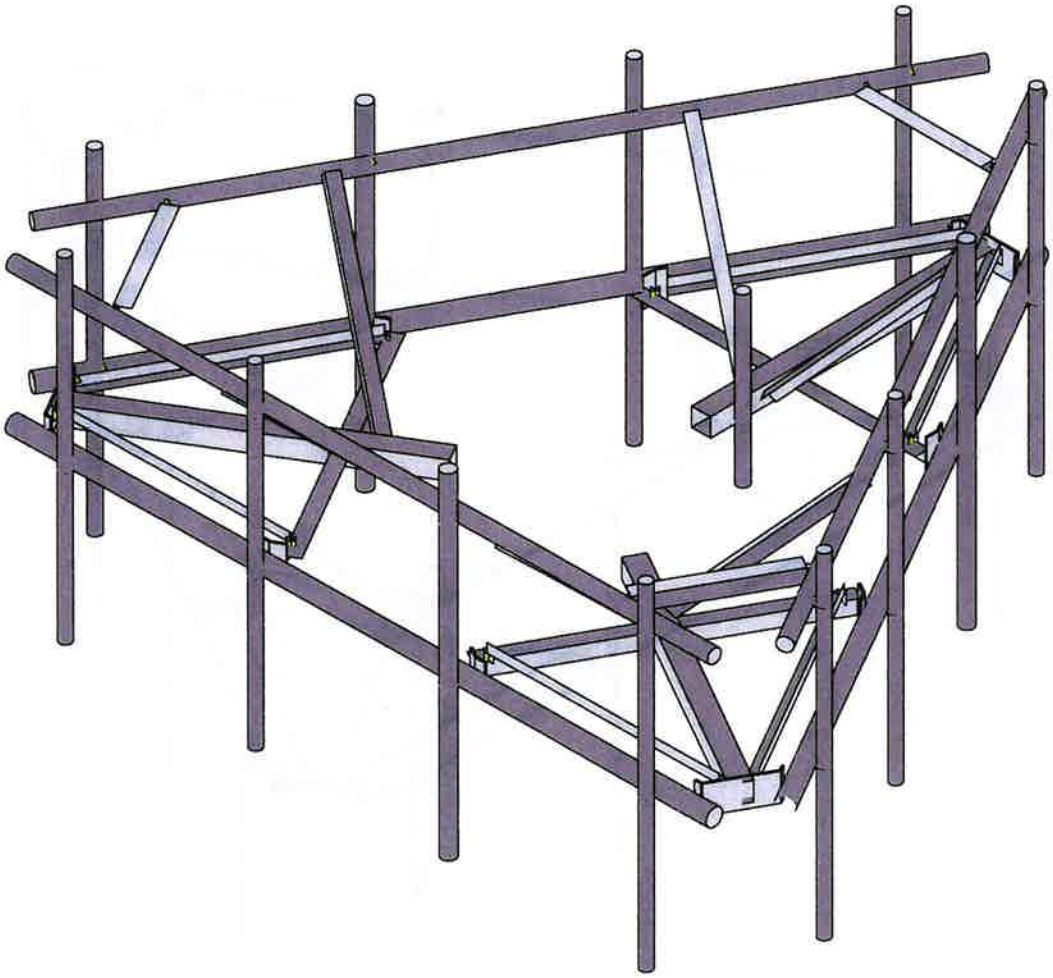
Collar 10½" tall x ½"





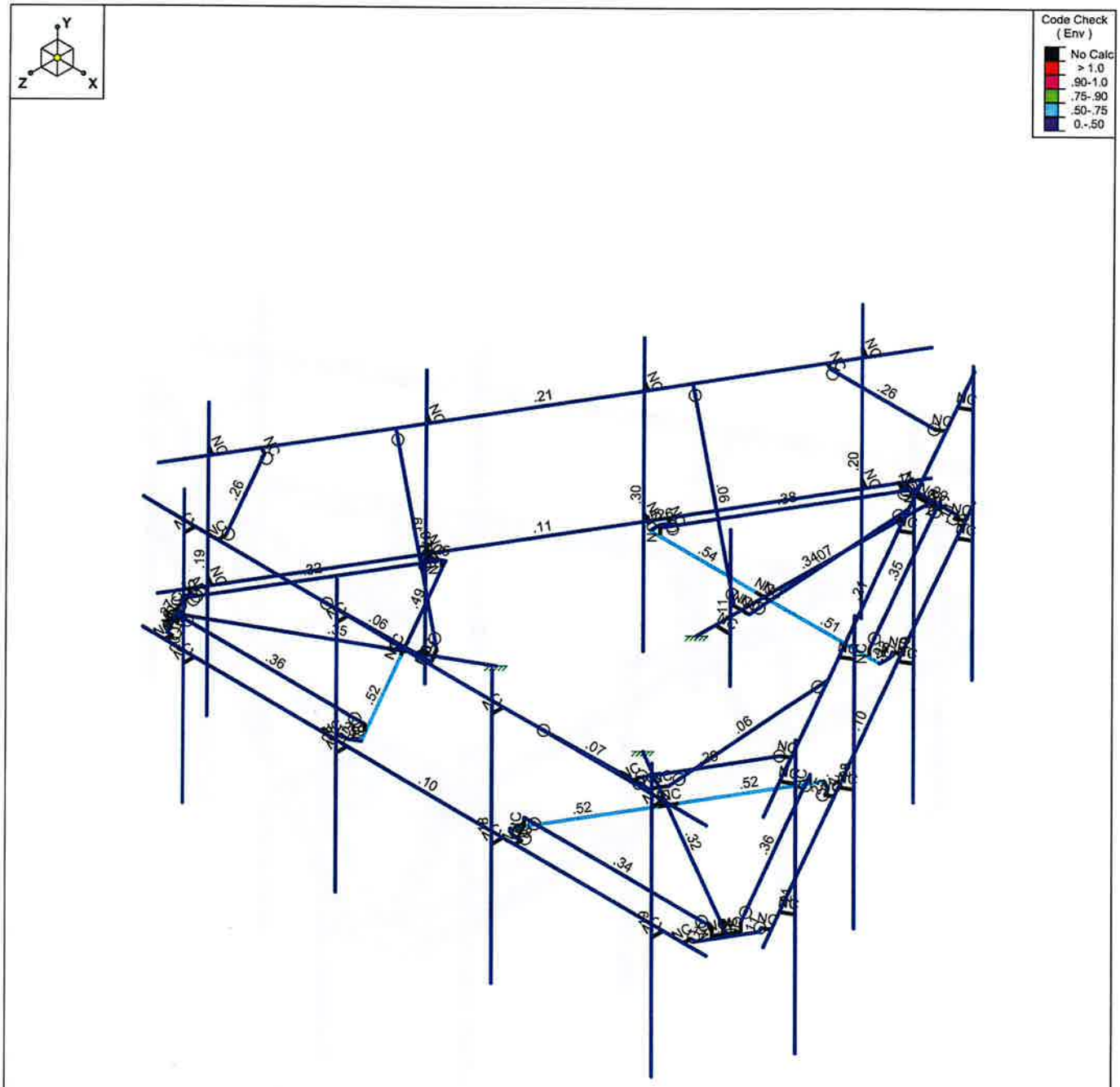
P3½ϕ x 0.216 x 150"

Pipe Attachments - C6 x 2" x ⅜" tf x 5/16" tw
x8" long
(4) ½ϕ UB, 6" clc, 3¾" clc



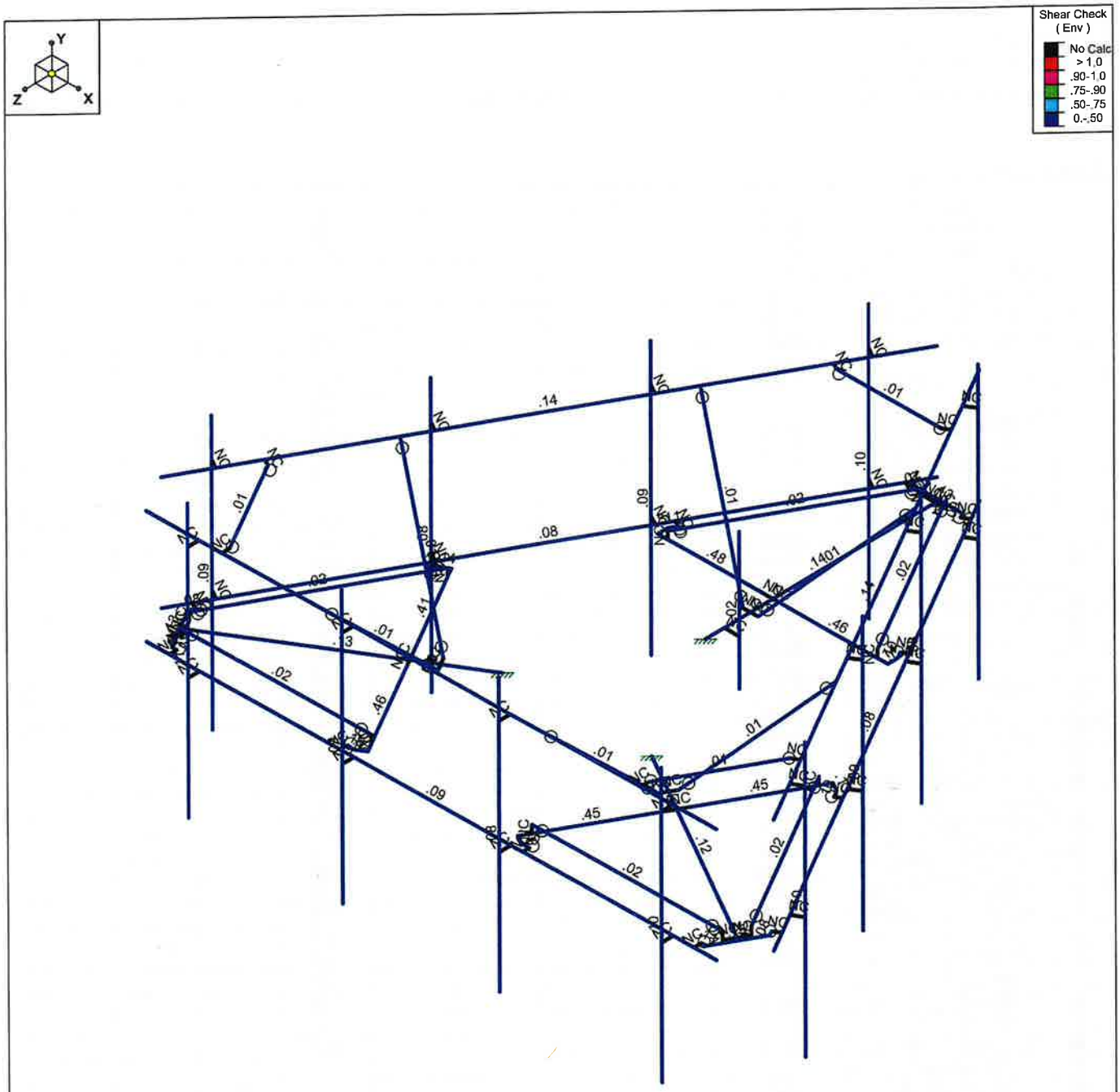
Envelope Only Solution

		SK - 1
		July 6, 2023 at 2:02 PM
		5000244753-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		July 6, 2023 at 2:02 PM
		5000244753-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		July 6, 2023 at 2:02 PM
		5000244753-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
1	Antenna D	None					108			
2	Antenna Di	None					108			
3	Antenna Wo (0 Deg)	None					108			
4	Antenna Wo (30 Deg)	None					108			
5	Antenna Wo (60 Deg)	None					108			
6	Antenna Wo (90 Deg)	None					108			
7	Antenna Wo (120 Deg)	None					108			
8	Antenna Wo (150 Deg)	None					108			
9	Antenna Wo (180 Deg)	None					108			
10	Antenna Wo (210 Deg)	None					108			
11	Antenna Wo (240 Deg)	None					108			
12	Antenna Wo (270 Deg)	None					108			
13	Antenna Wo (300 Deg)	None					108			
14	Antenna Wo (330 Deg)	None					108			
15	Antenna Wi (0 Deg)	None					108			
16	Antenna Wi (30 Deg)	None					108			
17	Antenna Wi (60 Deg)	None					108			
18	Antenna Wi (90 Deg)	None					108			
19	Antenna Wi (120 Deg)	None					108			
20	Antenna Wi (150 Deg)	None					108			
21	Antenna Wi (180 Deg)	None					108			
22	Antenna Wi (210 Deg)	None					108			
23	Antenna Wi (240 Deg)	None					108			
24	Antenna Wi (270 Deg)	None					108			
25	Antenna Wi (300 Deg)	None					108			
26	Antenna Wi (330 Deg)	None					108			
27	Antenna Wm (0 Deg)	None					108			
28	Antenna Wm (30 Deg)	None					108			
29	Antenna Wm (60 Deg)	None					108			
30	Antenna Wm (90 Deg)	None					108			
31	Antenna Wm (120 Deg)	None					108			
32	Antenna Wm (150 Deg)	None					108			
33	Antenna Wm (180 Deg)	None					108			
34	Antenna Wm (210 Deg)	None					108			
35	Antenna Wm (240 Deg)	None					108			
36	Antenna Wm (270 Deg)	None					108			
37	Antenna Wm (300 Deg)	None					108			
38	Antenna Wm (330 Deg)	None					108			
39	Structure D	None		-1					3	
40	Structure Di	None						64	3	
41	Structure Wo (0 Deg)	None						128		
42	Structure Wo (30 Deg)	None						128		
43	Structure Wo (60 Deg)	None						128		
44	Structure Wo (90 Deg)	None						128		
45	Structure Wo (120 Deg)	None						128		
46	Structure Wo (150 Deg)	None						128		
47	Structure Wo (180 Deg)	None						128		
48	Structure Wo (210 Deg)	None						128		
49	Structure Wo (240 Deg)	None						128		
50	Structure Wo (270 Deg)	None						128		
51	Structure Wo (300 Deg)	None						128		
52	Structure Wo (330 Deg)	None						128		
53	Structure Wi (0 Deg)	None						128		
54	Structure Wi (30 Deg)	None						128		
55	Structure Wi (60 Deg)	None						128		
56	Structure Wi (90 Deg)	None						128		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
57	Structure Wi (120 Deg)	None						128		
58	Structure Wi (150 Deg)	None						128		
59	Structure Wi (180 Deg)	None						128		
60	Structure Wi (210 Deg)	None						128		
61	Structure Wi (240 Deg)	None						128		
62	Structure Wi (270 Deg)	None						128		
63	Structure Wi (300 Deg)	None						128		
64	Structure Wi (330 Deg)	None						128		
65	Structure Wm (0 Deg)	None						128		
66	Structure Wm (30 Deg)	None						128		
67	Structure Wm (60 Deg)	None						128		
68	Structure Wm (90 Deg)	None						128		
69	Structure Wm (120 Deg)	None						128		
70	Structure Wm (150 Deg)	None						128		
71	Structure Wm (180 Deg)	None						128		
72	Structure Wm (210 Deg)	None						128		
73	Structure Wm (240 Deg)	None						128		
74	Structure Wm (270 Deg)	None						128		
75	Structure Wm (300 Deg)	None						128		
76	Structure Wm (330 Deg)	None						128		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					108			
82	Antenna Eh (0 Deg)	None					72			
83	Antenna Eh (90 Deg)	None					72			
84	Structure Ev	ELY		-.04					3	
85	Structure Eh (0 Deg)	ELZ			-.1				3	
86	Structure Eh (90 Deg)	ELX	.1						3	
87	BLC 39 Transient Area L...	None						30		
88	BLC 40 Transient Area L...	None						30		
89	BLC 84 Transient Area L...	None						30		
90	BLC 85 Transient Area L...	None						30		
91	BLC 86 Transient Area L...	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 Deg)	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (150 Deg)	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (180 Deg)	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (210 Deg)	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (240 Deg)	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (270 Deg)	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (300 Deg)	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (330 Deg)	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	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..
18	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		ELZ	1	ELX					
53	1.2D + 1.0Ev + 1.0Eh ...	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 + 1.0Eh ...	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 + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	ELZ		ELX	1				
56	1.2D + 1.0Ev + 1.0Eh ...	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 + 1.0Eh ...	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 + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		ELZ	-1	ELX					
59	1.2D + 1.0Ev + 1.0Eh ...	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 + 1.0Eh ...	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 + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	ELZ		ELX	-1				
62	1.2D + 1.0Ev + 1.0Eh ...	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 + 1.0Eh ...	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 + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		ELZ	1	ELX					
65	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	ELZ	.866	ELX	.5				
66	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	ELZ	.5	ELX	.866				
67	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	ELZ		ELX	1				
68	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	ELZ	-.5	ELX	.866				
69	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
70	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		ELZ	-1	ELX					
71	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				
72	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
73	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	ELZ		ELX	-1				
74	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.866	ELZ	.5	ELX	-.866				

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..
75	0.9D - 1.0Ev + 1.0Eh (...	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	0.463685	0	-7.484587	0	
2	N2	6.713685	0	3.34073	0	
3	N3	-1.623798	0	0.9375	0	
4	N5	-1.652002	0	3.888648	0	
5	N6	-4.080388	0.166667	-0.317439	0	
6	N7	-1.765284	0.166667	3.692439	0	
7	N24	-2.922836	0	1.6875	0	
8	N27	-6.116304	0	3.53125	0	
9	CP	0	0	0	0	
10	N29	-4.080388	0	-0.317439	0	
11	N30	-1.765284	0	3.692439	0	
12	N101	-4.193669	0	-0.513648	0	
13	N102	-2.839502	0	1.831838	0	
14	N103A	-3.006169	0	1.543162	0	
15	N104A	-1.841445	0	3.998023	0	
16	N105	-4.383112	0	-0.404273	0	
17	N131	-4.466445	0	-0.259935	0	
18	N135	-6.318127	0	2.987729	0	
19	N144	-2.008112	0	3.998023	0	
20	N148	-5.746513	0	3.977794	0	
21	N86A	-4.592741	0	-0.332852	0	
22	N86B	-2.008112	0	4.143857	0	
23	N86C	-5.858492	0	3.977794	0	
24	N87A	-6.374117	0	3.084706	0	
25	N86D	-6.461941	0	2.904698	0	
26	N86E	-5.746513	0	4.143857	0	
27	N88A	-6.044136	0	3.489583	0	
28	N87C	-6.161254	0.166667	3.286728	0	
29	N86G	-6.161254	0	3.286728	0	
30	N87B	-5.927017	0.166667	3.692439	0	
31	N88C	-5.927017	0	3.692439	0	
32	N87D	1.623798	0	0.9375	0	
33	N88B	4.193669	0	-0.513648	0	
34	N89	1.765284	0.166667	3.692439	0	
35	N90	4.080388	0.166667	-0.317439	0	
36	N91	2.922836	0	1.6875	0	
37	N92	6.116304	0	3.53125	0	
38	N93	1.765284	0	3.692439	0	
39	N94	4.080388	0	-0.317439	0	
40	N95	1.652002	0	3.888648	0	
41	N96	3.006169	0	1.543162	0	
42	N97	2.839502	0	1.831838	0	
43	N98	4.383112	0	-0.404273	0	
44	N99	1.841445	0	3.998023	0	
45	N100	2.008112	0	3.998023	0	
46	N101A	5.746513	0	3.977794	0	
47	N102A	4.466445	0	-0.259935	0	
48	N103	6.318127	0	2.987729	0	
49	N104	2.008112	0	4.143857	0	
50	N105A	4.592741	0	-0.332852	0	
51	N106	6.374117	0	3.084706	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N107	5.858492	0	3.977794	0	
53	N108	5.746513	0	4.143857	0	
54	N109	6.461941	0	2.904698	0	
55	N110	6.044136	0	3.489583	0	
56	N111	5.927017	0.166667	3.692439	0	
57	N112	5.927017	0	3.692439	0	
58	N113	6.161254	0.166667	3.286728	0	
59	N114	6.161254	0	3.286728	0	
60	N115	-0.	0	-1.875	0	
61	N116	-2.541667	0	-3.375	0	
62	N117	2.315104	0.166667	-3.375	0	
63	N118	-2.315104	0.166667	-3.375	0	
64	N119	-0.	0	-3.375	0	
65	N120	-0.	0	-7.0625	0	
66	N121	2.315104	0	-3.375	0	
67	N122	-2.315104	0	-3.375	0	
68	N123	2.541667	0	-3.375	0	
69	N124	-0.166667	0	-3.375	0	
70	N125	0.166667	0	-3.375	0	
71	N126	-2.541667	0	-3.59375	0	
72	N127	2.541667	0	-3.59375	0	
73	N128	2.458333	0	-3.738088	0	
74	N129	0.571615	0	-6.965523	0	
75	N130	-2.458333	0	-3.738088	0	
76	N131A	-0.571615	0	-6.965523	0	
77	N132	2.584629	0	-3.811004	0	
78	N133	-2.584629	0	-3.811004	0	
79	N134	-0.515625	0	-7.0625	0	
80	N135A	0.515625	0	-7.0625	0	
81	N136	0.715429	0	-7.048554	0	
82	N137	-0.715429	0	-7.048554	0	
83	N138	-0.	0	-6.979167	0	
84	N139	0.234238	0.166667	-6.979167	0	
85	N140	0.234238	0	-6.979167	0	
86	N141	-0.234238	0.166667	-6.979167	0	
87	N142	-0.234238	0	-6.979167	0	
88	N104B	-6.713685	0	3.34073	0	
89	N105B	-0.463685	0	-7.484587	0	
90	N124A	6.25	0	4.143857	0	
91	N125A	-6.25	0	4.143857	0	
92	N92A	0.963685	0	-6.618562	0	
93	N93A	2.692852	0	-3.623557	0	
94	N94A	4.463685	0	-0.556384	0	
95	N95A	6.213685	0	2.474705	0	
96	N96A	1.180191	0	-6.743562	0	
97	N97A	2.909358	0	-3.748557	0	
98	N98A	4.680191	0	-0.681384	0	
99	N99A	6.430191	0	2.349705	0	
100	N100A	1.180191	3.333333	-6.743562	0	
101	N101B	4.680191	3.333333	-0.681384	0	
102	N102B	6.430191	3.333333	2.349705	0	
103	N103B	1.180191	-2.666667	-6.743562	0	
104	N104C	4.680191	-2.666667	-0.681384	0	
105	N105C	6.430191	-2.666667	2.349705	0	
106	N106A	2.909358	3.333333	-3.748557	0	
107	N107A	2.909358	-2.666667	-3.748557	0	
108	N108A	-6.276185	0	2.582958	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
109	N109A	-4.512296	0	-0.472187	0	
110	N110A	-2.748407	0	-3.527332	0	
111	N111A	-0.984518	0	-6.582477	0	
112	N112A	-6.492691	0	2.457958	0	
113	N113A	-4.728803	0	-0.597187	0	
114	N114A	-2.964914	0	-3.652332	0	
115	N115A	-1.201025	0	-6.707477	0	
116	N116A	-6.492691	3.333333	2.457958	0	
117	N117A	-4.728803	3.333333	-0.597187	0	
118	N118A	-2.964914	3.333333	-3.652332	0	
119	N119A	-1.201025	3.333333	-6.707477	0	
120	N120A	-4.728803	-2.666667	-0.597187	0	
121	N121A	-6.492691	-2.666667	2.457958	0	
122	N122A	-2.964914	-2.666667	-3.652332	0	
123	N123A	-1.201025	-2.666667	-6.707477	0	
124	N124B	5.291667	0	4.143857	0	
125	N125B	1.75	0	4.143857	0	
126	N126A	-1.708333	0	4.143857	0	
127	N127A	-5.083333	0	4.143857	0	
128	N128A	5.291667	0	4.393857	0	
129	N129A	1.75	0	4.393857	0	
130	N130A	-1.708333	0	4.393857	0	
131	N131B	-5.083333	0	4.393857	0	
132	N132A	5.291667	3.333333	4.393857	0	
133	N133A	1.75	3.333333	4.393857	0	
134	N134A	-1.708333	3.333333	4.393857	0	
135	N135B	-5.083333	3.333333	4.393857	0	
136	N136A	1.75	-2.666667	4.393857	0	
137	N137A	5.291667	-2.666667	4.393857	0	
138	N138A	-1.708333	-2.666667	4.393857	0	
139	N139A	-5.083333	-2.666667	4.393857	0	
140	N140A	-0.	0	-2.291667	0	
141	N141A	0.333333	0	-2.291667	0	
142	N142A	0.333333	2	-2.291667	0	
143	N143	0.333333	-1	-2.291667	0	
144	N144A	6.25	2.5	4.143857	0	
145	N145	-6.25	2.5	4.143857	0	
146	N146	5.291667	2.5	4.143857	0	
147	N147	1.75	2.5	4.143857	0	
148	N148A	-1.708333	2.5	4.143857	0	
149	N149	-5.083333	2.5	4.143857	0	
150	N150	5.291667	2.5	4.393857	0	
151	N151	1.75	2.5	4.393857	0	
152	N152	-1.708333	2.5	4.393857	0	
153	N153	-5.083333	2.5	4.393857	0	
154	N154	-4.583333	2.5	4.143857	0	
155	N155	-4.583333	2.5	3.97719	0	
156	N156	4.583333	2.5	4.143857	0	
157	N157	4.583333	2.5	3.97719	0	
158	N158	0.463685	2.5	-7.484587	0	
159	N159	6.713685	2.5	3.34073	0	
160	N168	5.880352	2.5	1.897355	0	
161	N169	5.736014	2.5	1.980688	0	
162	N170	1.297018	2.5	-6.041211	0	
163	N171	1.152681	2.5	-5.957878	0	
164	N172	-6.713685	2.5	3.34073	0	
165	N173	-0.463685	2.5	-7.484587	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
166	N182	-1.297018	2.5	-6.041211	0	
167	N183	-1.152681	2.5	-5.957878	0	
168	N184	-5.880352	2.5	1.897355	0	
169	N185	-5.736014	2.5	1.980688	0	
170	N170A	0.963685	2.5	-6.618562	0	
171	N171A	2.692852	2.5	-3.623557	0	
172	N172A	4.463685	2.5	-0.556384	0	
173	N173A	6.213685	2.5	2.474705	0	
174	N174	1.180191	2.5	-6.743562	0	
175	N175	2.909358	2.5	-3.748557	0	
176	N176	4.680191	2.5	-0.681384	0	
177	N177	6.430191	2.5	2.349705	0	
178	N178	-6.276185	2.5	2.582958	0	
179	N179	-4.512296	2.5	-0.472187	0	
180	N180	-2.748407	2.5	-3.527332	0	
181	N181	-0.984518	2.5	-6.582477	0	
182	N182A	-6.492691	2.5	2.457958	0	
183	N183A	-4.728803	2.5	-0.597187	0	
184	N184A	-2.964914	2.5	-3.652332	0	
185	N185A	-1.201025	2.5	-6.707477	0	
186	N186	-0.	0	-2.875	0	
187	N187	0.166667	0	-2.875	0	
188	N188	-0.166667	0	-2.875	0	
189	N189	-2.489823	0	1.4375	0	
190	N190	-2.573156	0	1.293162	0	
191	N191	-2.40649	0	1.581838	0	
192	N192	2.489823	0	1.4375	0	
193	N193	2.40649	0	1.581838	0	
194	N194	2.573156	0	1.293162	0	
195	N195	-2.40649	2.5	4.143854	0	
196	N197	2.40649	2.5	4.143854	0	
197	N199	4.791928	2.5	0.012154	0	
198	N200	2.385438	2.5	-4.156008	0	
199	N203	-2.385438	2.5	-4.156008	0	
200	N204	-4.791928	2.5	0.012154	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X3	Beam	SquareTube	A500 Gr.B ...	Typical	2.58	6.21	6.21	10
3	Corner Plate	PL3/8x6	Beam	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
4	Platform Crossme...	L3X3X3	Beam	Single Angle	A36 Gr.36	Typical	1.09	.948	.948	.014
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	OVP Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
8	Dual Mounted Pipe	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
10	Support Rail	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
11	Support Rail Corner	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
12	Support Bracing Kit	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M10	N101	N103A		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
4	M43	N102	N5		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
5	M46	N86C	N87A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
6	M35A	N7	N30			RIGID	None	None	RIGID	Typical
7	M36A	N6	N29			RIGID	None	None	RIGID	Typical
8	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
10	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
11	M58	N102	N24			RIGID	None	None	RIGID	Typical
12	M59	N24	N103A			RIGID	None	None	RIGID	Typical
13	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
15	M79	N131	N86A			RIGID	None	None	RIGID	Typical
16	M80	N87A	N135			Corner Plate	Beam	RECT	A36 Gr.36	Typical
17	M83	N135	N86D			RIGID	None	None	RIGID	Typical
18	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
20	M88	N144	N86B			RIGID	None	None	RIGID	Typical
21	M91	N86C	N148			Corner Plate	Beam	RECT	A36 Gr.36	Typical
22	M92	N148	N86E			RIGID	None	None	RIGID	Typical
23	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
24	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
25	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
26	M52A	N87D	N92			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
27	M53	N95	N97		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
28	M54	N96	N88B		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
29	M55	N106	N107			Corner Plate	Beam	RECT	A36 Gr.36	Typical
30	M56	N90	N94			RIGID	None	None	RIGID	Typical
31	M57	N89	N93			RIGID	None	None	RIGID	Typical
32	M58A	N111	N89			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
33	M59A	N90	N113			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
34	M60	N113	N114			RIGID	None	None	RIGID	Typical
35	M61	N96	N91			RIGID	None	None	RIGID	Typical
36	M62	N91	N97			RIGID	None	None	RIGID	Typical
37	M63	N95	N99			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
38	M64	N99	N100			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
39	M65	N100	N104			RIGID	None	None	RIGID	Typical
40	M66	N107	N101A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
41	M67	N101A	N108			RIGID	None	None	RIGID	Typical
42	M68	N88B	N98			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
43	M69	N98	N102A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
44	M70	N102A	N105A			RIGID	None	None	RIGID	Typical
45	M71	N106	N103			Corner Plate	Beam	RECT	A36 Gr.36	Typical
46	M72	N103	N109			RIGID	None	None	RIGID	Typical
47	M73	N114	N110			RIGID	None	None	RIGID	Typical
48	M74	N110	N112			RIGID	None	None	RIGID	Typical
49	M75	N111	N112			RIGID	None	None	RIGID	Typical
50	M76A	N115	N120			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
51	M77A	N123	N125		180	Platform Cross..	Beam	Single Angle	A36 Gr.36	Typical
52	M78	N124	N116		180	Platform Cross..	Beam	Single Angle	A36 Gr.36	Typical
53	M79A	N134	N135A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
54	M80A	N118	N122			RIGID	None	None	RIGID	Typical
55	M81	N117	N121			RIGID	None	None	RIGID	Typical
56	M82	N139	N117			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
57	M83A	N118	N141			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
58	M84A	N141	N142			RIGID	None	None	RIGID	Typical
59	M85A	N124	N119			RIGID	None	None	RIGID	Typical
60	M86	N119	N125			RIGID	None	None	RIGID	Typical
61	M87	N123	N127			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
62	M88A	N127	N128			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
63	M89	N128	N132			RIGID	None	None	RIGID	Typical
64	M90	N135A	N129			Corner Plate	Beam	RECT	A36 Gr.36	Typical
65	M91A	N129	N136			RIGID	None	None	RIGID	Typical
66	M92A	N116	N126			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
67	M93	N126	N130			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
68	M94	N130	N133			RIGID	None	None	RIGID	Typical
69	M95	N134	N131A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
70	M96	N131A	N137			RIGID	None	None	RIGID	Typical
71	M97	N142	N138			RIGID	None	None	RIGID	Typical
72	M98	N138	N140			RIGID	None	None	RIGID	Typical
73	M99	N139	N140			RIGID	None	None	RIGID	Typical
74	M82A	N104B	N105B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
75	M91B	N124A	N125A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
76	M76B	N95A	N99A			RIGID	None	None	RIGID	Typical
77	M77B	N94A	N98A			RIGID	None	None	RIGID	Typical
78	M78A	N92A	N96A			RIGID	None	None	RIGID	Typical
79	M79B	N93A	N97A			RIGID	None	None	RIGID	Typical
80	MP4C	N102B	N105C			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
81	MP3C	N101B	N104C			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
82	MP1C	N100A	N103B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
83	MP2C	N106A	N107A			Dual Mounted ...	Column	Pipe	A53 Gr.B	Typical
84	M84B	N111A	N115A			RIGID	None	None	RIGID	Typical
85	M85B	N110A	N114A			RIGID	None	None	RIGID	Typical
86	M86A	N109A	N113A			RIGID	None	None	RIGID	Typical
87	M87A	N108A	N112A			RIGID	None	None	RIGID	Typical
88	MP4B	N119A	N123A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
89	MP3B	N118A	N122A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	MP1B	N116A	N121A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	MP2B	N117A	N120A			Dual Mounted ...	Column	Pipe	A53 Gr.B	Typical
92	M92B	N127A	N131B			RIGID	None	None	RIGID	Typical
93	M93A	N126A	N130A			RIGID	None	None	RIGID	Typical
94	M94A	N125B	N129A			RIGID	None	None	RIGID	Typical
95	M95A	N124B	N128A			RIGID	None	None	RIGID	Typical
96	MP4A	N135B	N139A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
97	MP3A	N134A	N138A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	MP1A	N132A	N137A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
99	MP2A	N133A	N136A			Dual Mounted ...	Column	Pipe	A53 Gr.B	Typical
100	M100	N140A	N141A			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
101	M101	N142A	N143			OVP Pipe	Column	Pipe	A53 Gr.B	Typical
102	M102	N149	N153			RIGID	None	None	RIGID	Typical
103	M103	N148A	N152			RIGID	None	None	RIGID	Typical
104	M104	N147	N151			RIGID	None	None	RIGID	Typical
105	M105	N146	N150			RIGID	None	None	RIGID	Typical
106	M106	N145	N144A			Support Rail	Beam	Pipe	A53 Gr.B	Typical
107	M107	N154	N155			RIGID	None	None	RIGID	Typical
108	M108	N156	N157			RIGID	None	None	RIGID	Typical
109	M113	N159	N158			Support Rail	Beam	Pipe	A53 Gr.B	Typical
110	M114	N168	N169			RIGID	None	None	RIGID	Typical
111	M115	N170	N171			RIGID	None	None	RIGID	Typical
112	M120	N173	N172			Support Rail	Beam	Pipe	A53 Gr.B	Typical
113	M121	N182	N183			RIGID	None	None	RIGID	Typical
114	M122	N184	N185			RIGID	None	None	RIGID	Typical
115	M123	N155	N185		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
116	M124	N183	N171		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
117	M125	N169	N157		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
118	M118	N173A	N177			RIGID	None	None	RIGID	Typical
119	M119	N172A	N176			RIGID	None	None	RIGID	Typical
120	M120A	N170A	N174			RIGID	None	None	RIGID	Typical
121	M121A	N171A	N175			RIGID	None	None	RIGID	Typical
122	M122A	N181	N185A			RIGID	None	None	RIGID	Typical
123	M123A	N180	N184A			RIGID	None	None	RIGID	Typical
124	M124A	N179	N183A			RIGID	None	None	RIGID	Typical
125	M125A	N178	N182A			RIGID	None	None	RIGID	Typical
126	M126	N188	N186			RIGID	None	None	RIGID	Typical
127	M127	N187	N186			RIGID	None	None	RIGID	Typical
128	M128	N191	N189			RIGID	None	None	RIGID	Typical
129	M129	N190	N189			RIGID	None	None	RIGID	Typical
130	M130	N194	N192			RIGID	None	None	RIGID	Typical
131	M131	N193	N192			RIGID	None	None	RIGID	Typical
132	M132	N195	N191		90	Support Bracin...	Beam	Single Angle	A36 Gr.36	Typical
133	M133	N197	N193		180	Support Bracin...	Beam	Single Angle	A36 Gr.36	Typical
134	M134	N199	N194		90	Support Bracin...	Beam	Single Angle	A36 Gr.36	Typical
135	M135	N200	N187		180	Support Bracin...	Beam	Single Angle	A36 Gr.36	Typical
136	M136	N203	N188		90	Support Bracin...	Beam	Single Angle	A36 Gr.36	Typical
137	M137	N204	N190		180	Support Bracin...	Beam	Single Angle	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes	Default			None
2	M4						Yes				None
3	M10						Yes	Default			None
4	M43						Yes	Default			None
5	M46						Yes	Default			None
6	M35A						Yes	** NA **			None
7	M36A						Yes	** NA **			None
8	M51B	OOOOOX	OOOOOX				Yes	Default			None
9	M52B	OOOOOX	OOOOOX				Yes	Default			None
10	M52						Yes	** NA **			None
11	M58						Yes	** NA **			None
12	M59						Yes	** NA **			None
13	M76						Yes	** NA **			None
14	M77						Yes	** NA **			None
15	M79		BenPIN				Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
16	M80						Yes				None
17	M83		BenPIN				Yes	** NA **			None
18	M84						Yes	** NA **			None
19	M85						Yes	** NA **			None
20	M88		BenPIN				Yes	** NA **			None
21	M91						Yes				None
22	M92		BenPIN				Yes	** NA **			None
23	M50						Yes	** NA **			None
24	M51						Yes	** NA **			None
25	M51A						Yes	** NA **			None
26	M52A						Yes				None
27	M53						Yes	Default			None
28	M54						Yes	Default			None
29	M55						Yes	Default			None
30	M56						Yes	** NA **			None
31	M57						Yes	** NA **			None
32	M58A	OOOOOX	OOOOOX				Yes	Default			None
33	M59A	OOOOOX	OOOOOX				Yes	Default			None
34	M60						Yes	** NA **			None
35	M61						Yes	** NA **			None
36	M62						Yes	** NA **			None
37	M63						Yes	** NA **			None
38	M64						Yes	** NA **			None
39	M65		BenPIN				Yes	** NA **			None
40	M66						Yes				None
41	M67		BenPIN				Yes	** NA **			None
42	M68						Yes	** NA **			None
43	M69						Yes	** NA **			None
44	M70		BenPIN				Yes	** NA **			None
45	M71						Yes				None
46	M72		BenPIN				Yes	** NA **			None
47	M73						Yes	** NA **			None
48	M74						Yes	** NA **			None
49	M75						Yes	** NA **			None
50	M76A						Yes				None
51	M77A						Yes	Default			None
52	M78						Yes	Default			None
53	M79A						Yes	Default			None
54	M80A						Yes	** NA **			None
55	M81						Yes	** NA **			None
56	M82	OOOOOX	OOOOOX				Yes	Default			None
57	M83A	OOOOOX	OOOOOX				Yes	Default			None
58	M84A						Yes	** NA **			None
59	M85A						Yes	** NA **			None
60	M86						Yes	** NA **			None
61	M87						Yes	** NA **			None
62	M88A						Yes	** NA **			None
63	M89		BenPIN				Yes	** NA **			None
64	M90						Yes				None
65	M91A		BenPIN				Yes	** NA **			None
66	M92A						Yes	** NA **			None
67	M93						Yes	** NA **			None
68	M94		BenPIN				Yes	** NA **			None
69	M95						Yes				None
70	M96		BenPIN				Yes	** NA **			None
71	M97						Yes	** NA **			None
72	M98						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
73	M99						Yes	** NA **			None
74	M82A						Yes	Default			None
75	M91B						Yes	Default			None
76	M76B						Yes	** NA **			None
77	M77B						Yes	** NA **			None
78	M78A						Yes	** NA **			None
79	M79B						Yes	** NA **			None
80	MP4C						Yes	** NA **			None
81	MP3C						Yes	** NA **			None
82	MP1C						Yes	** NA **			None
83	MP2C						Yes	** NA **			None
84	M84B						Yes	** NA **			None
85	M85B						Yes	** NA **			None
86	M86A						Yes	** NA **			None
87	M87A						Yes	** NA **			None
88	MP4B						Yes	** NA **			None
89	MP3B						Yes	** NA **			None
90	MP1B						Yes	** NA **			None
91	MP2B						Yes	** NA **			None
92	M92B						Yes	** NA **			None
93	M93A						Yes	** NA **			None
94	M94A						Yes	** NA **			None
95	M95A						Yes	** NA **			None
96	MP4A						Yes	** NA **			None
97	MP3A						Yes	** NA **			None
98	MP1A						Yes	** NA **			None
99	MP2A						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	M101						Yes	** NA **			None
102	M102						Yes	** NA **			None
103	M103						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105						Yes	** NA **			None
106	M106						Yes				None
107	M107	OOOOOX					Yes	** NA **			None
108	M108	OOOOOX					Yes	** NA **			None
109	M113						Yes				None
110	M114	OOOOOX					Yes	** NA **			None
111	M115	OOOOOX					Yes	** NA **			None
112	M120						Yes				None
113	M121	OOOOOX					Yes	** NA **			None
114	M122	OOOOOX					Yes	** NA **			None
115	M123						Yes	Default			None
116	M124						Yes				None
117	M125						Yes				None
118	M118						Yes	** NA **			None
119	M119						Yes	** NA **			None
120	M120A						Yes	** NA **			None
121	M121A						Yes	** NA **			None
122	M122A						Yes	** NA **			None
123	M123A						Yes	** NA **			None
124	M124A						Yes	** NA **			None
125	M125A						Yes	** NA **			None
126	M126						Yes	** NA **			None
127	M127						Yes	** NA **			None
128	M128						Yes	** NA **			None
129	M129						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
130	M130						Yes	** NA **			None
131	M131						Yes	** NA **			None
132	M132	BenPIN	BenPIN				Yes				None
133	M133	BenPIN	BenPIN				Yes				None
134	M134	BenPIN	BenPIN				Yes				None
135	M135	BenPIN	BenPIN				Yes				None
136	M136	BenPIN	BenPIN				Yes				None
137	M137	BenPIN	BenPIN				Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-31.65	.5
2	MP2A	My	-.016	.5
3	MP2A	Mz	.021	.5
4	MP2A	Y	-31.65	3.5
5	MP2A	My	-.016	3.5
6	MP2A	Mz	.021	3.5
7	MP2B	Y	-31.65	.5
8	MP2B	My	.003	.5
9	MP2B	Mz	-.026	.5
10	MP2B	Y	-31.65	3.5
11	MP2B	My	.003	3.5
12	MP2B	Mz	-.026	3.5
13	MP2C	Y	-31.65	.5
14	MP2C	My	.025	.5
15	MP2C	Mz	.008	.5
16	MP2C	Y	-31.65	3.5
17	MP2C	My	.025	3.5
18	MP2C	Mz	.008	3.5
19	MP2A	Y	-31.65	.5
20	MP2A	My	-.016	.5
21	MP2A	Mz	-.021	.5
22	MP2A	Y	-31.65	3.5
23	MP2A	My	-.016	3.5
24	MP2A	Mz	-.021	3.5
25	MP2B	Y	-31.65	.5
26	MP2B	My	.024	.5
27	MP2B	Mz	.01	.5
28	MP2B	Y	-31.65	3.5
29	MP2B	My	.024	3.5
30	MP2B	Mz	.01	3.5
31	MP2C	Y	-31.65	.5
32	MP2C	My	-.014	.5
33	MP2C	Mz	.022	.5
34	MP2C	Y	-31.65	3.5
35	MP2C	My	-.014	3.5
36	MP2C	Mz	.022	3.5
37	MP3A	Y	-43.55	1
38	MP3A	My	-.022	1
39	MP3A	Mz	0	1
40	MP3A	Y	-43.55	3
41	MP3A	My	-.022	3
42	MP3A	Mz	0	3
43	MP3B	Y	-43.55	1
44	MP3B	My	.019	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3B	Mz	-.011	1
46	MP3B	Y	-43.55	3
47	MP3B	My	.019	3
48	MP3B	Mz	-.011	3
49	MP3C	Y	-43.55	1
50	MP3C	My	.007	1
51	MP3C	Mz	.02	1
52	MP3C	Y	-43.55	3
53	MP3C	My	.007	3
54	MP3C	Mz	.02	3
55	MP2A	Y	-10.4	3
56	MP2A	My	-.005	3
57	MP2A	Mz	0	3
58	MP2B	Y	-10.4	3
59	MP2B	My	.005	3
60	MP2B	Mz	-.003	3
61	MP2C	Y	-10.4	3
62	MP2C	My	.002	3
63	MP2C	Mz	.005	3
64	M101	Y	-32	.75
65	M101	My	0	.75
66	M101	Mz	0	.75
67	MP2A	Y	-84.4	.25
68	MP2A	My	-.042	.25
69	MP2A	Mz	0	.25
70	MP2B	Y	-84.4	.25
71	MP2B	My	.037	.25
72	MP2B	Mz	-.021	.25
73	MP2C	Y	-84.4	.25
74	MP2C	My	.014	.25
75	MP2C	Mz	.04	.25
76	MP3A	Y	-70.3	.25
77	MP3A	My	-.035	.25
78	MP3A	Mz	0	.25
79	MP3B	Y	-70.3	.25
80	MP3B	My	.03	.25
81	MP3B	Mz	-.018	.25
82	MP3C	Y	-70.3	.25
83	MP3C	My	.012	.25
84	MP3C	Mz	.033	.25
85	MP4A	Y	-8.5	.25
86	MP4A	My	-.004	.25
87	MP4A	Mz	0	.25
88	MP4A	Y	-8.5	3.75
89	MP4A	My	-.004	3.75
90	MP4A	Mz	0	3.75
91	MP4B	Y	-8.5	.25
92	MP4B	My	.004	.25
93	MP4B	Mz	-.002	.25
94	MP4B	Y	-8.5	3.75
95	MP4B	My	.004	3.75
96	MP4B	Mz	-.002	3.75
97	MP4C	Y	-8.5	.25
98	MP4C	My	.001	.25
99	MP4C	Mz	.004	.25
100	MP4C	Y	-8.5	3.75
101	MP4C	My	.001	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP4C	Mz	.004	3.75
103	MP2B	Y	-17.6	4
104	MP2B	My	-.008	4
105	MP2B	Mz	.004	4
106	MP2C	Y	-17.6	4
107	MP2C	My	-.003	4
108	MP2C	Mz	-.008	4

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-69.824	.5
2	MP2A	My	-.035	.5
3	MP2A	Mz	.047	.5
4	MP2A	Y	-69.824	3.5
5	MP2A	My	-.035	3.5
6	MP2A	Mz	.047	3.5
7	MP2B	Y	-69.824	.5
8	MP2B	My	.007	.5
9	MP2B	Mz	-.058	.5
10	MP2B	Y	-69.824	3.5
11	MP2B	My	.007	3.5
12	MP2B	Mz	-.058	3.5
13	MP2C	Y	-69.824	.5
14	MP2C	My	.056	.5
15	MP2C	Mz	.017	.5
16	MP2C	Y	-69.824	3.5
17	MP2C	My	.056	3.5
18	MP2C	Mz	.017	3.5
19	MP2A	Y	-69.824	.5
20	MP2A	My	-.035	.5
21	MP2A	Mz	-.047	.5
22	MP2A	Y	-69.824	3.5
23	MP2A	My	-.035	3.5
24	MP2A	Mz	-.047	3.5
25	MP2B	Y	-69.824	.5
26	MP2B	My	.054	.5
27	MP2B	Mz	.023	.5
28	MP2B	Y	-69.824	3.5
29	MP2B	My	.054	3.5
30	MP2B	Mz	.023	3.5
31	MP2C	Y	-69.824	.5
32	MP2C	My	-.032	.5
33	MP2C	Mz	.049	.5
34	MP2C	Y	-69.824	3.5
35	MP2C	My	-.032	3.5
36	MP2C	Mz	.049	3.5
37	MP3A	Y	-35.549	1
38	MP3A	My	-.018	1
39	MP3A	Mz	0	1
40	MP3A	Y	-35.549	3
41	MP3A	My	-.018	3
42	MP3A	Mz	0	3
43	MP3B	Y	-35.549	1
44	MP3B	My	.015	1
45	MP3B	Mz	-.009	1
46	MP3B	Y	-35.549	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP3B	My	.015	3
48	MP3B	Mz	-.009	3
49	MP3C	Y	-35.549	1
50	MP3C	My	.006	1
51	MP3C	Mz	.017	1
52	MP3C	Y	-35.549	3
53	MP3C	My	.006	3
54	MP3C	Mz	.017	3
55	MP2A	Y	-10.719	3
56	MP2A	My	-.005	3
57	MP2A	Mz	0	3
58	MP2B	Y	-10.719	3
59	MP2B	My	.005	3
60	MP2B	Mz	-.003	3
61	MP2C	Y	-10.719	3
62	MP2C	My	.002	3
63	MP2C	Mz	.005	3
64	M101	Y	-75.814	.75
65	M101	My	0	.75
66	M101	Mz	0	.75
67	MP2A	Y	-44.818	.25
68	MP2A	My	-.022	.25
69	MP2A	Mz	0	.25
70	MP2B	Y	-44.818	.25
71	MP2B	My	.019	.25
72	MP2B	Mz	-.011	.25
73	MP2C	Y	-44.818	.25
74	MP2C	My	.008	.25
75	MP2C	Mz	.021	.25
76	MP3A	Y	-40.305	.25
77	MP3A	My	-.02	.25
78	MP3A	Mz	0	.25
79	MP3B	Y	-40.305	.25
80	MP3B	My	.017	.25
81	MP3B	Mz	-.01	.25
82	MP3C	Y	-40.305	.25
83	MP3C	My	.007	.25
84	MP3C	Mz	.019	.25
85	MP4A	Y	-51.66	.25
86	MP4A	My	-.026	.25
87	MP4A	Mz	0	.25
88	MP4A	Y	-51.66	3.75
89	MP4A	My	-.026	3.75
90	MP4A	Mz	0	3.75
91	MP4B	Y	-51.66	.25
92	MP4B	My	.022	.25
93	MP4B	Mz	-.013	.25
94	MP4B	Y	-51.66	3.75
95	MP4B	My	.022	3.75
96	MP4B	Mz	-.013	3.75
97	MP4C	Y	-51.66	.25
98	MP4C	My	.009	.25
99	MP4C	Mz	.024	.25
100	MP4C	Y	-51.66	3.75
101	MP4C	My	.009	3.75
102	MP4C	Mz	.024	3.75
103	MP2B	Y	-17.311	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
104	MP2B	My	-.007	4
105	MP2B	Mz	.004	4
106	MP2C	Y	-17.311	4
107	MP2C	My	-.003	4
108	MP2C	Mz	-.008	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-206.221	.5
3	MP2A	Mx	-.137	.5
4	MP2A	X	0	3.5
5	MP2A	Z	-206.221	3.5
6	MP2A	Mx	-.137	3.5
7	MP2B	X	0	.5
8	MP2B	Z	-188.526	.5
9	MP2B	Mx	.156	.5
10	MP2B	X	0	3.5
11	MP2B	Z	-188.526	3.5
12	MP2B	Mx	.156	3.5
13	MP2C	X	0	.5
14	MP2C	Z	-143.723	.5
15	MP2C	Mx	-.035	.5
16	MP2C	X	0	3.5
17	MP2C	Z	-143.723	3.5
18	MP2C	Mx	-.035	3.5
19	MP2A	X	0	.5
20	MP2A	Z	-206.221	.5
21	MP2A	Mx	.137	.5
22	MP2A	X	0	3.5
23	MP2A	Z	-206.221	3.5
24	MP2A	Mx	.137	3.5
25	MP2B	X	0	.5
26	MP2B	Z	-188.526	.5
27	MP2B	Mx	-.062	.5
28	MP2B	X	0	3.5
29	MP2B	Z	-188.526	3.5
30	MP2B	Mx	-.062	3.5
31	MP2C	X	0	.5
32	MP2C	Z	-143.723	.5
33	MP2C	Mx	-.1	.5
34	MP2C	X	0	3.5
35	MP2C	Z	-143.723	3.5
36	MP2C	Mx	-.1	3.5
37	MP3A	X	0	1
38	MP3A	Z	-88.736	1
39	MP3A	Mx	0	1
40	MP3A	X	0	3
41	MP3A	Z	-88.736	3
42	MP3A	Mx	0	3
43	MP3B	X	0	1
44	MP3B	Z	-74.192	1
45	MP3B	Mx	.019	1
46	MP3B	X	0	3
47	MP3B	Z	-74.192	3
48	MP3B	Mx	.019	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3C	X	0	1
50	MP3C	Z	-37.365	1
51	MP3C	Mx	-.018	1
52	MP3C	X	0	3
53	MP3C	Z	-37.365	3
54	MP3C	Mx	-.018	3
55	MP2A	X	0	3
56	MP2A	Z	-16.751	3
57	MP2A	Mx	0	3
58	MP2B	X	0	3
59	MP2B	Z	-15.461	3
60	MP2B	Mx	.004	3
61	MP2C	X	0	3
62	MP2C	Z	-12.194	3
63	MP2C	Mx	-.006	3
64	M101	X	0	.75
65	M101	Z	-109.109	.75
66	M101	Mx	0	.75
67	MP2A	X	0	.25
68	MP2A	Z	-70.174	.25
69	MP2A	Mx	0	.25
70	MP2B	X	0	.25
71	MP2B	Z	-64.402	.25
72	MP2B	Mx	.016	.25
73	MP2C	X	0	.25
74	MP2C	Z	-49.785	.25
75	MP2C	Mx	-.023	.25
76	MP3A	X	0	.25
77	MP3A	Z	-70.174	.25
78	MP3A	Mx	0	.25
79	MP3B	X	0	.25
80	MP3B	Z	-62.251	.25
81	MP3B	Mx	.016	.25
82	MP3C	X	0	.25
83	MP3C	Z	-42.19	.25
84	MP3C	Mx	-.02	.25
85	MP4A	X	0	.25
86	MP4A	Z	-171.36	.25
87	MP4A	Mx	0	.25
88	MP4A	X	0	3.75
89	MP4A	Z	-171.36	3.75
90	MP4A	Mx	0	3.75
91	MP4B	X	0	.25
92	MP4B	Z	-152.052	.25
93	MP4B	Mx	.038	.25
94	MP4B	X	0	3.75
95	MP4B	Z	-152.052	3.75
96	MP4B	Mx	.038	3.75
97	MP4C	X	0	.25
98	MP4C	Z	-103.161	.25
99	MP4C	Mx	-.048	.25
100	MP4C	X	0	3.75
101	MP4C	Z	-103.161	3.75
102	MP4C	Mx	-.048	3.75
103	MP2B	X	0	4
104	MP2B	Z	-35.893	4
105	MP2B	Mx	-.009	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP2C	X	0	4
107	MP2C	Z	-16.725	4
108	MP2C	Mx	.008	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	94.263	.5
2	MP2A	Z	-163.269	.5
3	MP2A	Mx	-.156	.5
4	MP2A	X	94.263	3.5
5	MP2A	Z	-163.269	3.5
6	MP2A	Mx	-.156	3.5
7	MP2B	X	76.569	.5
8	MP2B	Z	-132.621	.5
9	MP2B	Mx	.117	.5
10	MP2B	X	76.569	3.5
11	MP2B	Z	-132.621	3.5
12	MP2B	Mx	.117	3.5
13	MP2C	X	88.489	.5
14	MP2C	Z	-153.267	.5
15	MP2C	Mx	.034	.5
16	MP2C	X	88.489	3.5
17	MP2C	Z	-153.267	3.5
18	MP2C	Mx	.034	3.5
19	MP2A	X	94.263	.5
20	MP2A	Z	-163.269	.5
21	MP2A	Mx	.062	.5
22	MP2A	X	94.263	3.5
23	MP2A	Z	-163.269	3.5
24	MP2A	Mx	.062	3.5
25	MP2B	X	76.569	.5
26	MP2B	Z	-132.621	.5
27	MP2B	Mx	.015	.5
28	MP2B	X	76.569	3.5
29	MP2B	Z	-132.621	3.5
30	MP2B	Mx	.015	3.5
31	MP2C	X	88.489	.5
32	MP2C	Z	-153.267	.5
33	MP2C	Mx	-.147	.5
34	MP2C	X	88.489	3.5
35	MP2C	Z	-153.267	3.5
36	MP2C	Mx	-.147	3.5
37	MP3A	X	37.096	1
38	MP3A	Z	-64.252	1
39	MP3A	Mx	-.019	1
40	MP3A	X	37.096	3
41	MP3A	Z	-64.252	3
42	MP3A	Mx	-.019	3
43	MP3B	X	22.552	1
44	MP3B	Z	-39.061	1
45	MP3B	Mx	.02	1
46	MP3B	X	22.552	3
47	MP3B	Z	-39.061	3
48	MP3B	Mx	.02	3
49	MP3C	X	32.349	1
50	MP3C	Z	-56.031	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3C	Mx	-.021	1
52	MP3C	X	32.349	3
53	MP3C	Z	-56.031	3
54	MP3C	Mx	-.021	3
55	MP2A	X	7.73	3
56	MP2A	Z	-13.39	3
57	MP2A	Mx	-.004	3
58	MP2B	X	6.44	3
59	MP2B	Z	-11.155	3
60	MP2B	Mx	.006	3
61	MP2C	X	7.309	3
62	MP2C	Z	-12.66	3
63	MP2C	Mx	-.005	3
64	M101	X	58.856	.75
65	M101	Z	-101.941	.75
66	M101	Mx	0	.75
67	MP2A	X	32.201	.25
68	MP2A	Z	-55.773	.25
69	MP2A	Mx	-.016	.25
70	MP2B	X	26.428	.25
71	MP2B	Z	-45.775	.25
72	MP2B	Mx	.023	.25
73	MP2C	X	30.317	.25
74	MP2C	Z	-52.51	.25
75	MP2C	Mx	-.019	.25
76	MP3A	X	31.126	.25
77	MP3A	Z	-53.911	.25
78	MP3A	Mx	-.016	.25
79	MP3B	X	23.203	.25
80	MP3B	Z	-40.188	.25
81	MP3B	Mx	.02	.25
82	MP3C	X	28.54	.25
83	MP3C	Z	-49.433	.25
84	MP3C	Mx	-.018	.25
85	MP4A	X	76.026	.25
86	MP4A	Z	-131.681	.25
87	MP4A	Mx	-.038	.25
88	MP4A	X	76.026	3.75
89	MP4A	Z	-131.681	3.75
90	MP4A	Mx	-.038	3.75
91	MP4B	X	56.717	.25
92	MP4B	Z	-98.237	.25
93	MP4B	Mx	.049	.25
94	MP4B	X	56.717	3.75
95	MP4B	Z	-98.237	3.75
96	MP4B	Mx	.049	3.75
97	MP4C	X	69.724	.25
98	MP4C	Z	-120.766	.25
99	MP4C	Mx	-.045	.25
100	MP4C	X	69.724	3.75
101	MP4C	Z	-120.766	3.75
102	MP4C	Mx	-.045	3.75
103	MP2B	X	10.376	4
104	MP2B	Z	-17.972	4
105	MP2B	Mx	-.009	4
106	MP2C	X	15.476	4
107	MP2C	Z	-26.805	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP2C	Mx	.01	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	132.621	.5
2	MP2A	Z	-76.569	.5
3	MP2A	Mx	-.117	.5
4	MP2A	X	132.621	3.5
5	MP2A	Z	-76.569	3.5
6	MP2A	Mx	-.117	3.5
7	MP2B	X	117.297	.5
8	MP2B	Z	-67.722	.5
9	MP2B	Mx	.068	.5
10	MP2B	X	117.297	3.5
11	MP2B	Z	-67.722	3.5
12	MP2B	Mx	.068	3.5
13	MP2C	X	176.744	.5
14	MP2C	Z	-102.043	.5
15	MP2C	Mx	.116	.5
16	MP2C	X	176.744	3.5
17	MP2C	Z	-102.043	3.5
18	MP2C	Mx	.116	3.5
19	MP2A	X	132.621	.5
20	MP2A	Z	-76.569	.5
21	MP2A	Mx	-.015	.5
22	MP2A	X	132.621	3.5
23	MP2A	Z	-76.569	3.5
24	MP2A	Mx	-.015	3.5
25	MP2B	X	117.297	.5
26	MP2B	Z	-67.722	.5
27	MP2B	Mx	.068	.5
28	MP2B	X	117.297	3.5
29	MP2B	Z	-67.722	3.5
30	MP2B	Mx	.068	3.5
31	MP2C	X	176.744	.5
32	MP2C	Z	-102.043	.5
33	MP2C	Mx	-.152	.5
34	MP2C	X	176.744	3.5
35	MP2C	Z	-102.043	3.5
36	MP2C	Mx	-.152	3.5
37	MP3A	X	39.061	1
38	MP3A	Z	-22.552	1
39	MP3A	Mx	-.02	1
40	MP3A	X	39.061	3
41	MP3A	Z	-22.552	3
42	MP3A	Mx	-.02	3
43	MP3B	X	26.465	1
44	MP3B	Z	-15.28	1
45	MP3B	Mx	.015	1
46	MP3B	X	26.465	3
47	MP3B	Z	-15.28	3
48	MP3B	Mx	.015	3
49	MP3C	X	75.328	1
50	MP3C	Z	-43.491	1
51	MP3C	Mx	-.008	1
52	MP3C	X	75.328	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	-43.491	3
54	MP3C	Mx	-.008	3
55	MP2A	X	11.155	3
56	MP2A	Z	-6.44	3
57	MP2A	Mx	-.006	3
58	MP2B	X	10.037	3
59	MP2B	Z	-5.795	3
60	MP2B	Mx	.006	3
61	MP2C	X	14.372	3
62	MP2C	Z	-8.298	3
63	MP2C	Mx	-.001	3
64	M101	X	116.84	.75
65	M101	Z	-67.457	.75
66	M101	Mx	0	.75
67	MP2A	X	45.775	.25
68	MP2A	Z	-26.428	.25
69	MP2A	Mx	-.023	.25
70	MP2B	X	40.776	.25
71	MP2B	Z	-23.542	.25
72	MP2B	Mx	.024	.25
73	MP2C	X	60.169	.25
74	MP2C	Z	-34.739	.25
75	MP2C	Mx	-.006	.25
76	MP3A	X	40.188	.25
77	MP3A	Z	-23.203	.25
78	MP3A	Mx	-.02	.25
79	MP3B	X	33.327	.25
80	MP3B	Z	-19.241	.25
81	MP3B	Mx	.019	.25
82	MP3C	X	59.945	.25
83	MP3C	Z	-34.609	.25
84	MP3C	Mx	-.006	.25
85	MP4A	X	98.237	.25
86	MP4A	Z	-56.717	.25
87	MP4A	Mx	-.049	.25
88	MP4A	X	98.237	3.75
89	MP4A	Z	-56.717	3.75
90	MP4A	Mx	-.049	3.75
91	MP4B	X	81.515	.25
92	MP4B	Z	-47.063	.25
93	MP4B	Mx	.047	.25
94	MP4B	X	81.515	3.75
95	MP4B	Z	-47.063	3.75
96	MP4B	Mx	.047	3.75
97	MP4C	X	146.385	.25
98	MP4C	Z	-84.516	.25
99	MP4C	Mx	-.015	.25
100	MP4C	X	146.385	3.75
101	MP4C	Z	-84.516	3.75
102	MP4C	Mx	-.015	3.75
103	MP2B	X	11.416	4
104	MP2B	Z	-6.591	4
105	MP2B	Mx	-.007	4
106	MP2C	X	36.849	4
107	MP2C	Z	-21.275	4
108	MP2C	Mx	.004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	135.443	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.068	.5
4	MP2A	X	135.443	3.5
5	MP2A	Z	0	3.5
6	MP2A	Mx	-.068	3.5
7	MP2B	X	153.138	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.015	.5
10	MP2B	X	153.138	3.5
11	MP2B	Z	0	3.5
12	MP2B	Mx	.015	3.5
13	MP2C	X	197.941	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.158	.5
16	MP2C	X	197.941	3.5
17	MP2C	Z	0	3.5
18	MP2C	Mx	.158	3.5
19	MP2A	X	135.443	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.068	.5
22	MP2A	X	135.443	3.5
23	MP2A	Z	0	3.5
24	MP2A	Mx	-.068	3.5
25	MP2B	X	153.138	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.117	.5
28	MP2B	X	153.138	3.5
29	MP2B	Z	0	3.5
30	MP2B	Mx	.117	3.5
31	MP2C	X	197.941	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.09	.5
34	MP2C	X	197.941	3.5
35	MP2C	Z	0	3.5
36	MP2C	Mx	-.09	3.5
37	MP3A	X	30.56	1
38	MP3A	Z	0	1
39	MP3A	Mx	-.015	1
40	MP3A	X	30.56	3
41	MP3A	Z	0	3
42	MP3A	Mx	-.015	3
43	MP3B	X	45.104	1
44	MP3B	Z	0	1
45	MP3B	Mx	.02	1
46	MP3B	X	45.104	3
47	MP3B	Z	0	3
48	MP3B	Mx	.02	3
49	MP3C	X	81.931	1
50	MP3C	Z	0	1
51	MP3C	Mx	.014	1
52	MP3C	X	81.931	3
53	MP3C	Z	0	3
54	MP3C	Mx	.014	3
55	MP2A	X	11.59	3
56	MP2A	Z	0	3
57	MP2A	Mx	-.006	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	12.88	3
59	MP2B	Z	0	3
60	MP2B	Mx	.006	3
61	MP2C	X	16.147	3
62	MP2C	Z	0	3
63	MP2C	Mx	.003	3
64	M101	X	143.517	.75
65	M101	Z	0	.75
66	M101	Mx	0	.75
67	MP2A	X	47.084	.25
68	MP2A	Z	0	.25
69	MP2A	Mx	-.024	.25
70	MP2B	X	52.857	.25
71	MP2B	Z	0	.25
72	MP2B	Mx	.023	.25
73	MP2C	X	67.473	.25
74	MP2C	Z	0	.25
75	MP2C	Mx	.012	.25
76	MP3A	X	38.482	.25
77	MP3A	Z	0	.25
78	MP3A	Mx	-.019	.25
79	MP3B	X	46.405	.25
80	MP3B	Z	0	.25
81	MP3B	Mx	.02	.25
82	MP3C	X	66.467	.25
83	MP3C	Z	0	.25
84	MP3C	Mx	.011	.25
85	MP4A	X	94.126	.25
86	MP4A	Z	0	.25
87	MP4A	Mx	-.047	.25
88	MP4A	X	94.126	3.75
89	MP4A	Z	0	3.75
90	MP4A	Mx	-.047	3.75
91	MP4B	X	113.434	.25
92	MP4B	Z	0	.25
93	MP4B	Mx	.049	.25
94	MP4B	X	113.434	3.75
95	MP4B	Z	0	3.75
96	MP4B	Mx	.049	3.75
97	MP4C	X	162.325	.25
98	MP4C	Z	0	.25
99	MP4C	Mx	.028	.25
100	MP4C	X	162.325	3.75
101	MP4C	Z	0	3.75
102	MP4C	Mx	.028	3.75
103	MP2B	X	20.752	4
104	MP2B	Z	0	4
105	MP2B	Mx	-.009	4
106	MP2C	X	39.92	4
107	MP2C	Z	0	4
108	MP2C	Mx	-.007	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	132.621	.5
2	MP2A	Z	76.569	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP2A	Mx	-.015	.5
4	MP2A	X	132.621	3.5
5	MP2A	Z	76.569	3.5
6	MP2A	Mx	-.015	3.5
7	MP2B	X	163.269	.5
8	MP2B	Z	94.263	.5
9	MP2B	Mx	-.062	.5
10	MP2B	X	163.269	3.5
11	MP2B	Z	94.263	3.5
12	MP2B	Mx	-.062	3.5
13	MP2C	X	142.623	.5
14	MP2C	Z	82.343	.5
15	MP2C	Mx	.134	.5
16	MP2C	X	142.623	3.5
17	MP2C	Z	82.343	3.5
18	MP2C	Mx	.134	3.5
19	MP2A	X	132.621	.5
20	MP2A	Z	76.569	.5
21	MP2A	Mx	-.117	.5
22	MP2A	X	132.621	3.5
23	MP2A	Z	76.569	3.5
24	MP2A	Mx	-.117	3.5
25	MP2B	X	163.269	.5
26	MP2B	Z	94.263	.5
27	MP2B	Mx	.156	.5
28	MP2B	X	163.269	3.5
29	MP2B	Z	94.263	3.5
30	MP2B	Mx	.156	3.5
31	MP2C	X	142.623	.5
32	MP2C	Z	82.343	.5
33	MP2C	Mx	-.007	.5
34	MP2C	X	142.623	3.5
35	MP2C	Z	82.343	3.5
36	MP2C	Mx	-.007	3.5
37	MP3A	X	39.061	1
38	MP3A	Z	22.552	1
39	MP3A	Mx	-.02	1
40	MP3A	X	39.061	3
41	MP3A	Z	22.552	3
42	MP3A	Mx	-.02	3
43	MP3B	X	64.252	1
44	MP3B	Z	37.096	1
45	MP3B	Mx	.019	1
46	MP3B	X	64.252	3
47	MP3B	Z	37.096	3
48	MP3B	Mx	.019	3
49	MP3C	X	47.282	1
50	MP3C	Z	27.298	1
51	MP3C	Mx	.021	1
52	MP3C	X	47.282	3
53	MP3C	Z	27.298	3
54	MP3C	Mx	.021	3
55	MP2A	X	11.155	3
56	MP2A	Z	6.44	3
57	MP2A	Mx	-.006	3
58	MP2B	X	13.39	3
59	MP2B	Z	7.73	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP2B	Mx	.004	3
61	MP2C	X	11.884	3
62	MP2C	Z	6.861	3
63	MP2C	Mx	.005	3
64	M101	X	116.84	.75
65	M101	Z	67.457	.75
66	M101	Mx	0	.75
67	MP2A	X	45.775	.25
68	MP2A	Z	26.428	.25
69	MP2A	Mx	-.023	.25
70	MP2B	X	55.773	.25
71	MP2B	Z	32.201	.25
72	MP2B	Mx	.016	.25
73	MP2C	X	49.038	.25
74	MP2C	Z	28.312	.25
75	MP2C	Mx	.022	.25
76	MP3A	X	40.188	.25
77	MP3A	Z	23.203	.25
78	MP3A	Mx	-.02	.25
79	MP3B	X	53.911	.25
80	MP3B	Z	31.126	.25
81	MP3B	Mx	.016	.25
82	MP3C	X	44.667	.25
83	MP3C	Z	25.788	.25
84	MP3C	Mx	.02	.25
85	MP4A	X	98.237	.25
86	MP4A	Z	56.717	.25
87	MP4A	Mx	-.049	.25
88	MP4A	X	98.237	3.75
89	MP4A	Z	56.717	3.75
90	MP4A	Mx	-.049	3.75
91	MP4B	X	131.681	.25
92	MP4B	Z	76.026	.25
93	MP4B	Mx	.038	.25
94	MP4B	X	131.681	3.75
95	MP4B	Z	76.026	3.75
96	MP4B	Mx	.038	3.75
97	MP4C	X	109.151	.25
98	MP4C	Z	63.019	.25
99	MP4C	Mx	.048	.25
100	MP4C	X	109.151	3.75
101	MP4C	Z	63.019	3.75
102	MP4C	Mx	.048	3.75
103	MP2B	X	31.084	4
104	MP2B	Z	17.946	4
105	MP2B	Mx	-.009	4
106	MP2C	X	22.251	4
107	MP2C	Z	12.847	4
108	MP2C	Mx	-.01	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	94.263	.5
2	MP2A	Z	163.269	.5
3	MP2A	Mx	.062	.5
4	MP2A	X	94.263	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP2A	Z	163.269	3.5
6	MP2A	Mx	.062	3.5
7	MP2B	X	103.11	.5
8	MP2B	Z	178.592	.5
9	MP2B	Mx	-.137	.5
10	MP2B	X	103.11	3.5
11	MP2B	Z	178.592	3.5
12	MP2B	Mx	-.137	3.5
13	MP2C	X	68.789	.5
14	MP2C	Z	119.146	.5
15	MP2C	Mx	.084	.5
16	MP2C	X	68.789	3.5
17	MP2C	Z	119.146	3.5
18	MP2C	Mx	.084	3.5
19	MP2A	X	94.263	.5
20	MP2A	Z	163.269	.5
21	MP2A	Mx	-.156	.5
22	MP2A	X	94.263	3.5
23	MP2A	Z	163.269	3.5
24	MP2A	Mx	-.156	3.5
25	MP2B	X	103.11	.5
26	MP2B	Z	178.592	.5
27	MP2B	Mx	.137	.5
28	MP2B	X	103.11	3.5
29	MP2B	Z	178.592	3.5
30	MP2B	Mx	.137	3.5
31	MP2C	X	68.789	.5
32	MP2C	Z	119.146	.5
33	MP2C	Mx	.052	.5
34	MP2C	X	68.789	3.5
35	MP2C	Z	119.146	3.5
36	MP2C	Mx	.052	3.5
37	MP3A	X	37.096	1
38	MP3A	Z	64.252	1
39	MP3A	Mx	-.019	1
40	MP3A	X	37.096	3
41	MP3A	Z	64.252	3
42	MP3A	Mx	-.019	3
43	MP3B	X	44.368	1
44	MP3B	Z	76.848	1
45	MP3B	Mx	0	1
46	MP3B	X	44.368	3
47	MP3B	Z	76.848	3
48	MP3B	Mx	0	3
49	MP3C	X	16.157	1
50	MP3C	Z	27.985	1
51	MP3C	Mx	.016	1
52	MP3C	X	16.157	3
53	MP3C	Z	27.985	3
54	MP3C	Mx	.016	3
55	MP2A	X	7.73	3
56	MP2A	Z	13.39	3
57	MP2A	Mx	-.004	3
58	MP2B	X	8.376	3
59	MP2B	Z	14.507	3
60	MP2B	Mx	0	3
61	MP2C	X	5.873	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP2C	Z	10.172	3
63	MP2C	Mx	.006	3
64	M101	X	58.856	.75
65	M101	Z	101.941	.75
66	M101	Mx	0	.75
67	MP2A	X	32.201	.25
68	MP2A	Z	55.773	.25
69	MP2A	Mx	-.016	.25
70	MP2B	X	35.087	.25
71	MP2B	Z	60.772	.25
72	MP2B	Mx	0	.25
73	MP2C	X	23.89	.25
74	MP2C	Z	41.379	.25
75	MP2C	Mx	.024	.25
76	MP3A	X	31.126	.25
77	MP3A	Z	53.911	.25
78	MP3A	Mx	-.016	.25
79	MP3B	X	35.087	.25
80	MP3B	Z	60.772	.25
81	MP3B	Mx	0	.25
82	MP3C	X	19.719	.25
83	MP3C	Z	34.154	.25
84	MP3C	Mx	.019	.25
85	MP4A	X	76.026	.25
86	MP4A	Z	131.681	.25
87	MP4A	Mx	-.038	.25
88	MP4A	X	76.026	3.75
89	MP4A	Z	131.681	3.75
90	MP4A	Mx	-.038	3.75
91	MP4B	X	85.68	.25
92	MP4B	Z	148.402	.25
93	MP4B	Mx	0	.25
94	MP4B	X	85.68	3.75
95	MP4B	Z	148.402	3.75
96	MP4B	Mx	0	3.75
97	MP4C	X	48.227	.25
98	MP4C	Z	83.532	.25
99	MP4C	Mx	.047	.25
100	MP4C	X	48.227	3.75
101	MP4C	Z	83.532	3.75
102	MP4C	Mx	.047	3.75
103	MP2B	X	21.731	4
104	MP2B	Z	37.64	4
105	MP2B	Mx	0	4
106	MP2C	X	7.048	4
107	MP2C	Z	12.207	4
108	MP2C	Mx	-.007	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	206.221	.5
3	MP2A	Mx	.137	.5
4	MP2A	X	0	3.5
5	MP2A	Z	206.221	3.5
6	MP2A	Mx	.137	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP2B	X	0	.5
8	MP2B	Z	188.526	.5
9	MP2B	Mx	-.156	.5
10	MP2B	X	0	3.5
11	MP2B	Z	188.526	3.5
12	MP2B	Mx	-.156	3.5
13	MP2C	X	0	.5
14	MP2C	Z	143.723	.5
15	MP2C	Mx	.035	.5
16	MP2C	X	0	3.5
17	MP2C	Z	143.723	3.5
18	MP2C	Mx	.035	3.5
19	MP2A	X	0	.5
20	MP2A	Z	206.221	.5
21	MP2A	Mx	-.137	.5
22	MP2A	X	0	3.5
23	MP2A	Z	206.221	3.5
24	MP2A	Mx	-.137	3.5
25	MP2B	X	0	.5
26	MP2B	Z	188.526	.5
27	MP2B	Mx	.062	.5
28	MP2B	X	0	3.5
29	MP2B	Z	188.526	3.5
30	MP2B	Mx	.062	3.5
31	MP2C	X	0	.5
32	MP2C	Z	143.723	.5
33	MP2C	Mx	.1	.5
34	MP2C	X	0	3.5
35	MP2C	Z	143.723	3.5
36	MP2C	Mx	.1	3.5
37	MP3A	X	0	1
38	MP3A	Z	88.736	1
39	MP3A	Mx	0	1
40	MP3A	X	0	3
41	MP3A	Z	88.736	3
42	MP3A	Mx	0	3
43	MP3B	X	0	1
44	MP3B	Z	74.192	1
45	MP3B	Mx	-.019	1
46	MP3B	X	0	3
47	MP3B	Z	74.192	3
48	MP3B	Mx	-.019	3
49	MP3C	X	0	1
50	MP3C	Z	37.365	1
51	MP3C	Mx	.018	1
52	MP3C	X	0	3
53	MP3C	Z	37.365	3
54	MP3C	Mx	.018	3
55	MP2A	X	0	3
56	MP2A	Z	16.751	3
57	MP2A	Mx	0	3
58	MP2B	X	0	3
59	MP2B	Z	15.461	3
60	MP2B	Mx	-.004	3
61	MP2C	X	0	3
62	MP2C	Z	12.194	3
63	MP2C	Mx	.006	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	M101	X	0	.75
65	M101	Z	109.109	.75
66	M101	Mx	0	.75
67	MP2A	X	0	.25
68	MP2A	Z	70.174	.25
69	MP2A	Mx	0	.25
70	MP2B	X	0	.25
71	MP2B	Z	64.402	.25
72	MP2B	Mx	-.016	.25
73	MP2C	X	0	.25
74	MP2C	Z	49.785	.25
75	MP2C	Mx	.023	.25
76	MP3A	X	0	.25
77	MP3A	Z	70.174	.25
78	MP3A	Mx	0	.25
79	MP3B	X	0	.25
80	MP3B	Z	62.251	.25
81	MP3B	Mx	-.016	.25
82	MP3C	X	0	.25
83	MP3C	Z	42.19	.25
84	MP3C	Mx	.02	.25
85	MP4A	X	0	.25
86	MP4A	Z	171.36	.25
87	MP4A	Mx	0	.25
88	MP4A	X	0	3.75
89	MP4A	Z	171.36	3.75
90	MP4A	Mx	0	3.75
91	MP4B	X	0	.25
92	MP4B	Z	152.052	.25
93	MP4B	Mx	-.038	.25
94	MP4B	X	0	3.75
95	MP4B	Z	152.052	3.75
96	MP4B	Mx	-.038	3.75
97	MP4C	X	0	.25
98	MP4C	Z	103.161	.25
99	MP4C	Mx	.048	.25
100	MP4C	X	0	3.75
101	MP4C	Z	103.161	3.75
102	MP4C	Mx	.048	3.75
103	MP2B	X	0	4
104	MP2B	Z	35.893	4
105	MP2B	Mx	.009	4
106	MP2C	X	0	4
107	MP2C	Z	16.725	4
108	MP2C	Mx	-.008	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-94.263	.5
2	MP2A	Z	163.269	.5
3	MP2A	Mx	.156	.5
4	MP2A	X	-94.263	3.5
5	MP2A	Z	163.269	3.5
6	MP2A	Mx	.156	3.5
7	MP2B	X	-76.569	.5
8	MP2B	Z	132.621	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	-.117	.5
10	MP2B	X	-76.569	3.5
11	MP2B	Z	132.621	3.5
12	MP2B	Mx	-.117	3.5
13	MP2C	X	-88.489	.5
14	MP2C	Z	153.267	.5
15	MP2C	Mx	-.034	.5
16	MP2C	X	-88.489	3.5
17	MP2C	Z	153.267	3.5
18	MP2C	Mx	-.034	3.5
19	MP2A	X	-94.263	.5
20	MP2A	Z	163.269	.5
21	MP2A	Mx	-.062	.5
22	MP2A	X	-94.263	3.5
23	MP2A	Z	163.269	3.5
24	MP2A	Mx	-.062	3.5
25	MP2B	X	-76.569	.5
26	MP2B	Z	132.621	.5
27	MP2B	Mx	-.015	.5
28	MP2B	X	-76.569	3.5
29	MP2B	Z	132.621	3.5
30	MP2B	Mx	-.015	3.5
31	MP2C	X	-88.489	.5
32	MP2C	Z	153.267	.5
33	MP2C	Mx	.147	.5
34	MP2C	X	-88.489	3.5
35	MP2C	Z	153.267	3.5
36	MP2C	Mx	.147	3.5
37	MP3A	X	-37.096	1
38	MP3A	Z	64.252	1
39	MP3A	Mx	.019	1
40	MP3A	X	-37.096	3
41	MP3A	Z	64.252	3
42	MP3A	Mx	.019	3
43	MP3B	X	-22.552	1
44	MP3B	Z	39.061	1
45	MP3B	Mx	-.02	1
46	MP3B	X	-22.552	3
47	MP3B	Z	39.061	3
48	MP3B	Mx	-.02	3
49	MP3C	X	-32.349	1
50	MP3C	Z	56.031	1
51	MP3C	Mx	.021	1
52	MP3C	X	-32.349	3
53	MP3C	Z	56.031	3
54	MP3C	Mx	.021	3
55	MP2A	X	-7.73	3
56	MP2A	Z	13.39	3
57	MP2A	Mx	.004	3
58	MP2B	X	-6.44	3
59	MP2B	Z	11.155	3
60	MP2B	Mx	-.006	3
61	MP2C	X	-7.309	3
62	MP2C	Z	12.66	3
63	MP2C	Mx	.005	3
64	M101	X	-58.856	.75
65	M101	Z	101.941	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	M101	Mx	0	.75
67	MP2A	X	-32.201	.25
68	MP2A	Z	55.773	.25
69	MP2A	Mx	.016	.25
70	MP2B	X	-26.428	.25
71	MP2B	Z	45.775	.25
72	MP2B	Mx	-.023	.25
73	MP2C	X	-30.317	.25
74	MP2C	Z	52.51	.25
75	MP2C	Mx	.019	.25
76	MP3A	X	-31.126	.25
77	MP3A	Z	53.911	.25
78	MP3A	Mx	.016	.25
79	MP3B	X	-23.203	.25
80	MP3B	Z	40.188	.25
81	MP3B	Mx	-.02	.25
82	MP3C	X	-28.54	.25
83	MP3C	Z	49.433	.25
84	MP3C	Mx	.018	.25
85	MP4A	X	-76.026	.25
86	MP4A	Z	131.681	.25
87	MP4A	Mx	.038	.25
88	MP4A	X	-76.026	3.75
89	MP4A	Z	131.681	3.75
90	MP4A	Mx	.038	3.75
91	MP4B	X	-56.717	.25
92	MP4B	Z	98.237	.25
93	MP4B	Mx	-.049	.25
94	MP4B	X	-56.717	3.75
95	MP4B	Z	98.237	3.75
96	MP4B	Mx	-.049	3.75
97	MP4C	X	-69.724	.25
98	MP4C	Z	120.766	.25
99	MP4C	Mx	.045	.25
100	MP4C	X	-69.724	3.75
101	MP4C	Z	120.766	3.75
102	MP4C	Mx	.045	3.75
103	MP2B	X	-10.376	4
104	MP2B	Z	17.972	4
105	MP2B	Mx	.009	4
106	MP2C	X	-15.476	4
107	MP2C	Z	26.805	4
108	MP2C	Mx	-.01	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-132.621	.5
2	MP2A	Z	76.569	.5
3	MP2A	Mx	.117	.5
4	MP2A	X	-132.621	3.5
5	MP2A	Z	76.569	3.5
6	MP2A	Mx	.117	3.5
7	MP2B	X	-117.297	.5
8	MP2B	Z	67.722	.5
9	MP2B	Mx	-.068	.5
10	MP2B	X	-117.297	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP2B	Z	67.722	3.5
12	MP2B	Mx	-.068	3.5
13	MP2C	X	-176.744	.5
14	MP2C	Z	102.043	.5
15	MP2C	Mx	-.116	.5
16	MP2C	X	-176.744	3.5
17	MP2C	Z	102.043	3.5
18	MP2C	Mx	-.116	3.5
19	MP2A	X	-132.621	.5
20	MP2A	Z	76.569	.5
21	MP2A	Mx	.015	.5
22	MP2A	X	-132.621	3.5
23	MP2A	Z	76.569	3.5
24	MP2A	Mx	.015	3.5
25	MP2B	X	-117.297	.5
26	MP2B	Z	67.722	.5
27	MP2B	Mx	-.068	.5
28	MP2B	X	-117.297	3.5
29	MP2B	Z	67.722	3.5
30	MP2B	Mx	-.068	3.5
31	MP2C	X	-176.744	.5
32	MP2C	Z	102.043	.5
33	MP2C	Mx	.152	.5
34	MP2C	X	-176.744	3.5
35	MP2C	Z	102.043	3.5
36	MP2C	Mx	.152	3.5
37	MP3A	X	-39.061	1
38	MP3A	Z	22.552	1
39	MP3A	Mx	.02	1
40	MP3A	X	-39.061	3
41	MP3A	Z	22.552	3
42	MP3A	Mx	.02	3
43	MP3B	X	-26.465	1
44	MP3B	Z	15.28	1
45	MP3B	Mx	-.015	1
46	MP3B	X	-26.465	3
47	MP3B	Z	15.28	3
48	MP3B	Mx	-.015	3
49	MP3C	X	-75.328	1
50	MP3C	Z	43.491	1
51	MP3C	Mx	.008	1
52	MP3C	X	-75.328	3
53	MP3C	Z	43.491	3
54	MP3C	Mx	.008	3
55	MP2A	X	-11.155	3
56	MP2A	Z	6.44	3
57	MP2A	Mx	.006	3
58	MP2B	X	-10.037	3
59	MP2B	Z	5.795	3
60	MP2B	Mx	-.006	3
61	MP2C	X	-14.372	3
62	MP2C	Z	8.298	3
63	MP2C	Mx	.001	3
64	M101	X	-116.84	.75
65	M101	Z	67.457	.75
66	M101	Mx	0	.75
67	MP2A	X	-45.775	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2A	Z	26.428	.25
69	MP2A	Mx	.023	.25
70	MP2B	X	-40.776	.25
71	MP2B	Z	23.542	.25
72	MP2B	Mx	-.024	.25
73	MP2C	X	-60.169	.25
74	MP2C	Z	34.739	.25
75	MP2C	Mx	.006	.25
76	MP3A	X	-40.188	.25
77	MP3A	Z	23.203	.25
78	MP3A	Mx	.02	.25
79	MP3B	X	-33.327	.25
80	MP3B	Z	19.241	.25
81	MP3B	Mx	-.019	.25
82	MP3C	X	-59.945	.25
83	MP3C	Z	34.609	.25
84	MP3C	Mx	.006	.25
85	MP4A	X	-98.237	.25
86	MP4A	Z	56.717	.25
87	MP4A	Mx	.049	.25
88	MP4A	X	-98.237	3.75
89	MP4A	Z	56.717	3.75
90	MP4A	Mx	.049	3.75
91	MP4B	X	-81.515	.25
92	MP4B	Z	47.063	.25
93	MP4B	Mx	-.047	.25
94	MP4B	X	-81.515	3.75
95	MP4B	Z	47.063	3.75
96	MP4B	Mx	-.047	3.75
97	MP4C	X	-146.385	.25
98	MP4C	Z	84.516	.25
99	MP4C	Mx	.015	.25
100	MP4C	X	-146.385	3.75
101	MP4C	Z	84.516	3.75
102	MP4C	Mx	.015	3.75
103	MP2B	X	-11.416	4
104	MP2B	Z	6.591	4
105	MP2B	Mx	.007	4
106	MP2C	X	-36.849	4
107	MP2C	Z	21.275	4
108	MP2C	Mx	-.004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-135.443	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.068	.5
4	MP2A	X	-135.443	3.5
5	MP2A	Z	0	3.5
6	MP2A	Mx	.068	3.5
7	MP2B	X	-153.138	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.015	.5
10	MP2B	X	-153.138	3.5
11	MP2B	Z	0	3.5
12	MP2B	Mx	-.015	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2C	X	-197.941	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.158	.5
16	MP2C	X	-197.941	3.5
17	MP2C	Z	0	3.5
18	MP2C	Mx	-.158	3.5
19	MP2A	X	-135.443	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.068	.5
22	MP2A	X	-135.443	3.5
23	MP2A	Z	0	3.5
24	MP2A	Mx	.068	3.5
25	MP2B	X	-153.138	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.117	.5
28	MP2B	X	-153.138	3.5
29	MP2B	Z	0	3.5
30	MP2B	Mx	-.117	3.5
31	MP2C	X	-197.941	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.09	.5
34	MP2C	X	-197.941	3.5
35	MP2C	Z	0	3.5
36	MP2C	Mx	.09	3.5
37	MP3A	X	-30.56	1
38	MP3A	Z	0	1
39	MP3A	Mx	.015	1
40	MP3A	X	-30.56	3
41	MP3A	Z	0	3
42	MP3A	Mx	.015	3
43	MP3B	X	-45.104	1
44	MP3B	Z	0	1
45	MP3B	Mx	-.02	1
46	MP3B	X	-45.104	3
47	MP3B	Z	0	3
48	MP3B	Mx	-.02	3
49	MP3C	X	-81.931	1
50	MP3C	Z	0	1
51	MP3C	Mx	-.014	1
52	MP3C	X	-81.931	3
53	MP3C	Z	0	3
54	MP3C	Mx	-.014	3
55	MP2A	X	-11.59	3
56	MP2A	Z	0	3
57	MP2A	Mx	.006	3
58	MP2B	X	-12.88	3
59	MP2B	Z	0	3
60	MP2B	Mx	-.006	3
61	MP2C	X	-16.147	3
62	MP2C	Z	0	3
63	MP2C	Mx	-.003	3
64	M101	X	-143.517	.75
65	M101	Z	0	.75
66	M101	Mx	0	.75
67	MP2A	X	-47.084	.25
68	MP2A	Z	0	.25
69	MP2A	Mx	.024	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP2B	X	-52.857	.25
71	MP2B	Z	0	.25
72	MP2B	Mx	-.023	.25
73	MP2C	X	-67.473	.25
74	MP2C	Z	0	.25
75	MP2C	Mx	-.012	.25
76	MP3A	X	-38.482	.25
77	MP3A	Z	0	.25
78	MP3A	Mx	.019	.25
79	MP3B	X	-46.405	.25
80	MP3B	Z	0	.25
81	MP3B	Mx	-.02	.25
82	MP3C	X	-66.467	.25
83	MP3C	Z	0	.25
84	MP3C	Mx	-.011	.25
85	MP4A	X	-94.126	.25
86	MP4A	Z	0	.25
87	MP4A	Mx	.047	.25
88	MP4A	X	-94.126	3.75
89	MP4A	Z	0	3.75
90	MP4A	Mx	.047	3.75
91	MP4B	X	-113.434	.25
92	MP4B	Z	0	.25
93	MP4B	Mx	-.049	.25
94	MP4B	X	-113.434	3.75
95	MP4B	Z	0	3.75
96	MP4B	Mx	-.049	3.75
97	MP4C	X	-162.325	.25
98	MP4C	Z	0	.25
99	MP4C	Mx	-.028	.25
100	MP4C	X	-162.325	3.75
101	MP4C	Z	0	3.75
102	MP4C	Mx	-.028	3.75
103	MP2B	X	-20.752	4
104	MP2B	Z	0	4
105	MP2B	Mx	.009	4
106	MP2C	X	-39.92	4
107	MP2C	Z	0	4
108	MP2C	Mx	.007	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-132.621	.5
2	MP2A	Z	-76.569	.5
3	MP2A	Mx	.015	.5
4	MP2A	X	-132.621	3.5
5	MP2A	Z	-76.569	3.5
6	MP2A	Mx	.015	3.5
7	MP2B	X	-163.269	.5
8	MP2B	Z	-94.263	.5
9	MP2B	Mx	.062	.5
10	MP2B	X	-163.269	3.5
11	MP2B	Z	-94.263	3.5
12	MP2B	Mx	.062	3.5
13	MP2C	X	-142.623	.5
14	MP2C	Z	-82.343	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP2C	Mx	-.134	.5
16	MP2C	X	-142.623	3.5
17	MP2C	Z	-82.343	3.5
18	MP2C	Mx	-.134	3.5
19	MP2A	X	-132.621	.5
20	MP2A	Z	-76.569	.5
21	MP2A	Mx	.117	.5
22	MP2A	X	-132.621	3.5
23	MP2A	Z	-76.569	3.5
24	MP2A	Mx	.117	3.5
25	MP2B	X	-163.269	.5
26	MP2B	Z	-94.263	.5
27	MP2B	Mx	-.156	.5
28	MP2B	X	-163.269	3.5
29	MP2B	Z	-94.263	3.5
30	MP2B	Mx	-.156	3.5
31	MP2C	X	-142.623	.5
32	MP2C	Z	-82.343	.5
33	MP2C	Mx	.007	.5
34	MP2C	X	-142.623	3.5
35	MP2C	Z	-82.343	3.5
36	MP2C	Mx	.007	3.5
37	MP3A	X	-39.061	1
38	MP3A	Z	-22.552	1
39	MP3A	Mx	.02	1
40	MP3A	X	-39.061	3
41	MP3A	Z	-22.552	3
42	MP3A	Mx	.02	3
43	MP3B	X	-64.252	1
44	MP3B	Z	-37.096	1
45	MP3B	Mx	-.019	1
46	MP3B	X	-64.252	3
47	MP3B	Z	-37.096	3
48	MP3B	Mx	-.019	3
49	MP3C	X	-47.282	1
50	MP3C	Z	-27.298	1
51	MP3C	Mx	-.021	1
52	MP3C	X	-47.282	3
53	MP3C	Z	-27.298	3
54	MP3C	Mx	-.021	3
55	MP2A	X	-11.155	3
56	MP2A	Z	-6.44	3
57	MP2A	Mx	.006	3
58	MP2B	X	-13.39	3
59	MP2B	Z	-7.73	3
60	MP2B	Mx	-.004	3
61	MP2C	X	-11.884	3
62	MP2C	Z	-6.861	3
63	MP2C	Mx	-.005	3
64	M101	X	-116.84	.75
65	M101	Z	-67.457	.75
66	M101	Mx	0	.75
67	MP2A	X	-45.775	.25
68	MP2A	Z	-26.428	.25
69	MP2A	Mx	.023	.25
70	MP2B	X	-55.773	.25
71	MP2B	Z	-32.201	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP2B	Mx	-.016	.25
73	MP2C	X	-49.038	.25
74	MP2C	Z	-28.312	.25
75	MP2C	Mx	-.022	.25
76	MP3A	X	-40.188	.25
77	MP3A	Z	-23.203	.25
78	MP3A	Mx	.02	.25
79	MP3B	X	-53.911	.25
80	MP3B	Z	-31.126	.25
81	MP3B	Mx	-.016	.25
82	MP3C	X	-44.667	.25
83	MP3C	Z	-25.788	.25
84	MP3C	Mx	-.02	.25
85	MP4A	X	-98.237	.25
86	MP4A	Z	-56.717	.25
87	MP4A	Mx	.049	.25
88	MP4A	X	-98.237	3.75
89	MP4A	Z	-56.717	3.75
90	MP4A	Mx	.049	3.75
91	MP4B	X	-131.681	.25
92	MP4B	Z	-76.026	.25
93	MP4B	Mx	-.038	.25
94	MP4B	X	-131.681	3.75
95	MP4B	Z	-76.026	3.75
96	MP4B	Mx	-.038	3.75
97	MP4C	X	-109.151	.25
98	MP4C	Z	-63.019	.25
99	MP4C	Mx	-.048	.25
100	MP4C	X	-109.151	3.75
101	MP4C	Z	-63.019	3.75
102	MP4C	Mx	-.048	3.75
103	MP2B	X	-31.084	4
104	MP2B	Z	-17.946	4
105	MP2B	Mx	.009	4
106	MP2C	X	-22.251	4
107	MP2C	Z	-12.847	4
108	MP2C	Mx	.01	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-94.263	.5
2	MP2A	Z	-163.269	.5
3	MP2A	Mx	-.062	.5
4	MP2A	X	-94.263	3.5
5	MP2A	Z	-163.269	3.5
6	MP2A	Mx	-.062	3.5
7	MP2B	X	-103.11	.5
8	MP2B	Z	-178.592	.5
9	MP2B	Mx	.137	.5
10	MP2B	X	-103.11	3.5
11	MP2B	Z	-178.592	3.5
12	MP2B	Mx	.137	3.5
13	MP2C	X	-68.789	.5
14	MP2C	Z	-119.146	.5
15	MP2C	Mx	-.084	.5
16	MP2C	X	-68.789	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2C	Z	-119.146	3.5
18	MP2C	Mx	-.084	3.5
19	MP2A	X	-94.263	.5
20	MP2A	Z	-163.269	.5
21	MP2A	Mx	.156	.5
22	MP2A	X	-94.263	3.5
23	MP2A	Z	-163.269	3.5
24	MP2A	Mx	.156	3.5
25	MP2B	X	-103.11	.5
26	MP2B	Z	-178.592	.5
27	MP2B	Mx	-.137	.5
28	MP2B	X	-103.11	3.5
29	MP2B	Z	-178.592	3.5
30	MP2B	Mx	-.137	3.5
31	MP2C	X	-68.789	.5
32	MP2C	Z	-119.146	.5
33	MP2C	Mx	-.052	.5
34	MP2C	X	-68.789	3.5
35	MP2C	Z	-119.146	3.5
36	MP2C	Mx	-.052	3.5
37	MP3A	X	-37.096	1
38	MP3A	Z	-64.252	1
39	MP3A	Mx	.019	1
40	MP3A	X	-37.096	3
41	MP3A	Z	-64.252	3
42	MP3A	Mx	.019	3
43	MP3B	X	-44.368	1
44	MP3B	Z	-76.848	1
45	MP3B	Mx	0	1
46	MP3B	X	-44.368	3
47	MP3B	Z	-76.848	3
48	MP3B	Mx	0	3
49	MP3C	X	-16.157	1
50	MP3C	Z	-27.985	1
51	MP3C	Mx	-.016	1
52	MP3C	X	-16.157	3
53	MP3C	Z	-27.985	3
54	MP3C	Mx	-.016	3
55	MP2A	X	-7.73	3
56	MP2A	Z	-13.39	3
57	MP2A	Mx	.004	3
58	MP2B	X	-8.376	3
59	MP2B	Z	-14.507	3
60	MP2B	Mx	0	3
61	MP2C	X	-5.873	3
62	MP2C	Z	-10.172	3
63	MP2C	Mx	-.006	3
64	M101	X	-58.856	.75
65	M101	Z	-101.941	.75
66	M101	Mx	0	.75
67	MP2A	X	-32.201	.25
68	MP2A	Z	-55.773	.25
69	MP2A	Mx	.016	.25
70	MP2B	X	-35.087	.25
71	MP2B	Z	-60.772	.25
72	MP2B	Mx	0	.25
73	MP2C	X	-23.89	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP2C	Z	-41.379	.25
75	MP2C	Mx	-.024	.25
76	MP3A	X	-31.126	.25
77	MP3A	Z	-53.911	.25
78	MP3A	Mx	.016	.25
79	MP3B	X	-35.087	.25
80	MP3B	Z	-60.772	.25
81	MP3B	Mx	0	.25
82	MP3C	X	-19.719	.25
83	MP3C	Z	-34.154	.25
84	MP3C	Mx	-.019	.25
85	MP4A	X	-76.026	.25
86	MP4A	Z	-131.681	.25
87	MP4A	Mx	.038	.25
88	MP4A	X	-76.026	3.75
89	MP4A	Z	-131.681	3.75
90	MP4A	Mx	.038	3.75
91	MP4B	X	-85.68	.25
92	MP4B	Z	-148.402	.25
93	MP4B	Mx	0	.25
94	MP4B	X	-85.68	3.75
95	MP4B	Z	-148.402	3.75
96	MP4B	Mx	0	3.75
97	MP4C	X	-48.227	.25
98	MP4C	Z	-83.532	.25
99	MP4C	Mx	-.047	.25
100	MP4C	X	-48.227	3.75
101	MP4C	Z	-83.532	3.75
102	MP4C	Mx	-.047	3.75
103	MP2B	X	-21.731	4
104	MP2B	Z	-37.64	4
105	MP2B	Mx	0	4
106	MP2C	X	-7.048	4
107	MP2C	Z	-12.207	4
108	MP2C	Mx	.007	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-36.151	.5
3	MP2A	Mx	-.024	.5
4	MP2A	X	0	3.5
5	MP2A	Z	-36.151	3.5
6	MP2A	Mx	-.024	3.5
7	MP2B	X	0	.5
8	MP2B	Z	-33.278	.5
9	MP2B	Mx	.028	.5
10	MP2B	X	0	3.5
11	MP2B	Z	-33.278	3.5
12	MP2B	Mx	.028	3.5
13	MP2C	X	0	.5
14	MP2C	Z	-26.004	.5
15	MP2C	Mx	-.006	.5
16	MP2C	X	0	3.5
17	MP2C	Z	-26.004	3.5
18	MP2C	Mx	-.006	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP2A	X	0	.5
20	MP2A	Z	-36.151	.5
21	MP2A	Mx	.024	.5
22	MP2A	X	0	3.5
23	MP2A	Z	-36.151	3.5
24	MP2A	Mx	.024	3.5
25	MP2B	X	0	.5
26	MP2B	Z	-33.278	.5
27	MP2B	Mx	-.011	.5
28	MP2B	X	0	3.5
29	MP2B	Z	-33.278	3.5
30	MP2B	Mx	-.011	3.5
31	MP2C	X	0	.5
32	MP2C	Z	-26.004	.5
33	MP2C	Mx	-.018	.5
34	MP2C	X	0	3.5
35	MP2C	Z	-26.004	3.5
36	MP2C	Mx	-.018	3.5
37	MP3A	X	0	1
38	MP3A	Z	-19.227	1
39	MP3A	Mx	0	1
40	MP3A	X	0	3
41	MP3A	Z	-19.227	3
42	MP3A	Mx	0	3
43	MP3B	X	0	1
44	MP3B	Z	-16.467	1
45	MP3B	Mx	.004	1
46	MP3B	X	0	3
47	MP3B	Z	-16.467	3
48	MP3B	Mx	.004	3
49	MP3C	X	0	1
50	MP3C	Z	-9.48	1
51	MP3C	Mx	-.004	1
52	MP3C	X	0	3
53	MP3C	Z	-9.48	3
54	MP3C	Mx	-.004	3
55	MP2A	X	0	3
56	MP2A	Z	-3.932	3
57	MP2A	Mx	0	3
58	MP2B	X	0	3
59	MP2B	Z	-3.686	3
60	MP2B	Mx	.000922	3
61	MP2C	X	0	3
62	MP2C	Z	-3.065	3
63	MP2C	Mx	-.001	3
64	M101	X	0	.75
65	M101	Z	-21.336	.75
66	M101	Mx	0	.75
67	MP2A	X	0	.25
68	MP2A	Z	-16.203	.25
69	MP2A	Mx	0	.25
70	MP2B	X	0	.25
71	MP2B	Z	-14.97	.25
72	MP2B	Mx	.004	.25
73	MP2C	X	0	.25
74	MP2C	Z	-11.847	.25
75	MP2C	Mx	-.006	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP3A	X	0	.25
77	MP3A	Z	-16.203	.25
78	MP3A	Mx	0	.25
79	MP3B	X	0	.25
80	MP3B	Z	-14.501	.25
81	MP3B	Mx	.004	.25
82	MP3C	X	0	.25
83	MP3C	Z	-10.192	.25
84	MP3C	Mx	-.005	.25
85	MP4A	X	0	.25
86	MP4A	Z	-30.351	.25
87	MP4A	Mx	0	.25
88	MP4A	X	0	3.75
89	MP4A	Z	-30.351	3.75
90	MP4A	Mx	0	3.75
91	MP4B	X	0	.25
92	MP4B	Z	-27.208	.25
93	MP4B	Mx	.007	.25
94	MP4B	X	0	3.75
95	MP4B	Z	-27.208	3.75
96	MP4B	Mx	.007	3.75
97	MP4C	X	0	.25
98	MP4C	Z	-19.248	.25
99	MP4C	Mx	-.009	.25
100	MP4C	X	0	3.75
101	MP4C	Z	-19.248	3.75
102	MP4C	Mx	-.009	3.75
103	MP2B	X	0	4
104	MP2B	Z	-7.518	4
105	MP2B	Mx	-.002	4
106	MP2C	X	0	4
107	MP2C	Z	-4.004	4
108	MP2C	Mx	.002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	16.639	.5
2	MP2A	Z	-28.82	.5
3	MP2A	Mx	-.028	.5
4	MP2A	X	16.639	3.5
5	MP2A	Z	-28.82	3.5
6	MP2A	Mx	-.028	3.5
7	MP2B	X	13.766	.5
8	MP2B	Z	-23.844	.5
9	MP2B	Mx	.021	.5
10	MP2B	X	13.766	3.5
11	MP2B	Z	-23.844	3.5
12	MP2B	Mx	.021	3.5
13	MP2C	X	15.702	.5
14	MP2C	Z	-27.196	.5
15	MP2C	Mx	.006	.5
16	MP2C	X	15.702	3.5
17	MP2C	Z	-27.196	3.5
18	MP2C	Mx	.006	3.5
19	MP2A	X	16.639	.5
20	MP2A	Z	-28.82	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP2A	Mx	.011	.5
22	MP2A	X	16.639	3.5
23	MP2A	Z	-28.82	3.5
24	MP2A	Mx	.011	3.5
25	MP2B	X	13.766	.5
26	MP2B	Z	-23.844	.5
27	MP2B	Mx	.003	.5
28	MP2B	X	13.766	3.5
29	MP2B	Z	-23.844	3.5
30	MP2B	Mx	.003	3.5
31	MP2C	X	15.702	.5
32	MP2C	Z	-27.196	.5
33	MP2C	Mx	-.026	.5
34	MP2C	X	15.702	3.5
35	MP2C	Z	-27.196	3.5
36	MP2C	Mx	-.026	3.5
37	MP3A	X	8.234	1
38	MP3A	Z	-14.261	1
39	MP3A	Mx	-.004	1
40	MP3A	X	8.234	3
41	MP3A	Z	-14.261	3
42	MP3A	Mx	-.004	3
43	MP3B	X	5.474	1
44	MP3B	Z	-9.482	1
45	MP3B	Mx	.005	1
46	MP3B	X	5.474	3
47	MP3B	Z	-9.482	3
48	MP3B	Mx	.005	3
49	MP3C	X	7.333	1
50	MP3C	Z	-12.701	1
51	MP3C	Mx	-.005	1
52	MP3C	X	7.333	3
53	MP3C	Z	-12.701	3
54	MP3C	Mx	-.005	3
55	MP2A	X	1.843	3
56	MP2A	Z	-3.193	3
57	MP2A	Mx	-.000922	3
58	MP2B	X	1.598	3
59	MP2B	Z	-2.767	3
60	MP2B	Mx	.001	3
61	MP2C	X	1.763	3
62	MP2C	Z	-3.054	3
63	MP2C	Mx	-.001	3
64	M101	X	11.901	.75
65	M101	Z	-20.612	.75
66	M101	Mx	0	.75
67	MP2A	X	7.485	.25
68	MP2A	Z	-12.964	.25
69	MP2A	Mx	-.004	.25
70	MP2B	X	6.252	.25
71	MP2B	Z	-10.828	.25
72	MP2B	Mx	.005	.25
73	MP2C	X	7.082	.25
74	MP2C	Z	-12.267	.25
75	MP2C	Mx	-.005	.25
76	MP3A	X	7.251	.25
77	MP3A	Z	-12.558	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP3A	Mx	-.004	.25
79	MP3B	X	5.549	.25
80	MP3B	Z	-9.611	.25
81	MP3B	Mx	.005	.25
82	MP3C	X	6.695	.25
83	MP3C	Z	-11.596	.25
84	MP3C	Mx	-.004	.25
85	MP4A	X	13.604	.25
86	MP4A	Z	-23.562	.25
87	MP4A	Mx	-.007	.25
88	MP4A	X	13.604	3.75
89	MP4A	Z	-23.562	3.75
90	MP4A	Mx	-.007	3.75
91	MP4B	X	10.46	.25
92	MP4B	Z	-18.118	.25
93	MP4B	Mx	.009	.25
94	MP4B	X	10.46	3.75
95	MP4B	Z	-18.118	3.75
96	MP4B	Mx	.009	3.75
97	MP4C	X	12.578	.25
98	MP4C	Z	-21.786	.25
99	MP4C	Mx	-.008	.25
100	MP4C	X	12.578	3.75
101	MP4C	Z	-21.786	3.75
102	MP4C	Mx	-.008	3.75
103	MP2B	X	2.371	4
104	MP2B	Z	-4.107	4
105	MP2B	Mx	-.002	4
106	MP2C	X	3.306	4
107	MP2C	Z	-5.726	4
108	MP2C	Mx	.002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	23.844	.5
2	MP2A	Z	-13.766	.5
3	MP2A	Mx	-.021	.5
4	MP2A	X	23.844	3.5
5	MP2A	Z	-13.766	3.5
6	MP2A	Mx	-.021	3.5
7	MP2B	X	21.356	.5
8	MP2B	Z	-12.33	.5
9	MP2B	Mx	.012	.5
10	MP2B	X	21.356	3.5
11	MP2B	Z	-12.33	3.5
12	MP2B	Mx	.012	3.5
13	MP2C	X	31.008	.5
14	MP2C	Z	-17.902	.5
15	MP2C	Mx	.02	.5
16	MP2C	X	31.008	3.5
17	MP2C	Z	-17.902	3.5
18	MP2C	Mx	.02	3.5
19	MP2A	X	23.844	.5
20	MP2A	Z	-13.766	.5
21	MP2A	Mx	-.003	.5
22	MP2A	X	23.844	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	-13.766	3.5
24	MP2A	Mx	-.003	3.5
25	MP2B	X	21.356	.5
26	MP2B	Z	-12.33	.5
27	MP2B	Mx	.012	.5
28	MP2B	X	21.356	3.5
29	MP2B	Z	-12.33	3.5
30	MP2B	Mx	.012	3.5
31	MP2C	X	31.008	.5
32	MP2C	Z	-17.902	.5
33	MP2C	Mx	-.027	.5
34	MP2C	X	31.008	3.5
35	MP2C	Z	-17.902	3.5
36	MP2C	Mx	-.027	3.5
37	MP3A	X	9.482	1
38	MP3A	Z	-5.474	1
39	MP3A	Mx	-.005	1
40	MP3A	X	9.482	3
41	MP3A	Z	-5.474	3
42	MP3A	Mx	-.005	3
43	MP3B	X	7.092	1
44	MP3B	Z	-4.094	1
45	MP3B	Mx	.004	1
46	MP3B	X	7.092	3
47	MP3B	Z	-4.094	3
48	MP3B	Mx	.004	3
49	MP3C	X	16.363	1
50	MP3C	Z	-9.447	1
51	MP3C	Mx	-.002	1
52	MP3C	X	16.363	3
53	MP3C	Z	-9.447	3
54	MP3C	Mx	-.002	3
55	MP2A	X	2.767	3
56	MP2A	Z	-1.598	3
57	MP2A	Mx	-.001	3
58	MP2B	X	2.555	3
59	MP2B	Z	-1.475	3
60	MP2B	Mx	.001	3
61	MP2C	X	3.379	3
62	MP2C	Z	-1.951	3
63	MP2C	Mx	-.000339	3
64	M101	X	24.881	.75
65	M101	Z	-14.365	.75
66	M101	Mx	0	.75
67	MP2A	X	10.828	.25
68	MP2A	Z	-6.252	.25
69	MP2A	Mx	-.005	.25
70	MP2B	X	9.76	.25
71	MP2B	Z	-5.635	.25
72	MP2B	Mx	.006	.25
73	MP2C	X	13.904	.25
74	MP2C	Z	-8.027	.25
75	MP2C	Mx	-.001	.25
76	MP3A	X	9.611	.25
77	MP3A	Z	-5.549	.25
78	MP3A	Mx	-.005	.25
79	MP3B	X	8.137	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP3B	Z	-4.698	.25
81	MP3B	Mx	.005	.25
82	MP3C	X	13.855	.25
83	MP3C	Z	-7.999	.25
84	MP3C	Mx	-.001	.25
85	MP4A	X	18.118	.25
86	MP4A	Z	-10.46	.25
87	MP4A	Mx	-.009	.25
88	MP4A	X	18.118	3.75
89	MP4A	Z	-10.46	3.75
90	MP4A	Mx	-.009	3.75
91	MP4B	X	15.396	.25
92	MP4B	Z	-8.889	.25
93	MP4B	Mx	.009	.25
94	MP4B	X	15.396	3.75
95	MP4B	Z	-8.889	3.75
96	MP4B	Mx	.009	3.75
97	MP4C	X	25.956	.25
98	MP4C	Z	-14.986	.25
99	MP4C	Mx	-.003	.25
100	MP4C	X	25.956	3.75
101	MP4C	Z	-14.986	3.75
102	MP4C	Mx	-.003	3.75
103	MP2B	X	2.905	4
104	MP2B	Z	-1.677	4
105	MP2B	Mx	-.002	4
106	MP2C	X	7.568	4
107	MP2C	Z	-4.369	4
108	MP2C	Mx	.000759	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	24.659	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.012	.5
4	MP2A	X	24.659	3.5
5	MP2A	Z	0	3.5
6	MP2A	Mx	-.012	3.5
7	MP2B	X	27.532	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.003	.5
10	MP2B	X	27.532	3.5
11	MP2B	Z	0	3.5
12	MP2B	Mx	.003	3.5
13	MP2C	X	34.807	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.028	.5
16	MP2C	X	34.807	3.5
17	MP2C	Z	0	3.5
18	MP2C	Mx	.028	3.5
19	MP2A	X	24.659	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.012	.5
22	MP2A	X	24.659	3.5
23	MP2A	Z	0	3.5
24	MP2A	Mx	-.012	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2B	X	27.532	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.021	.5
28	MP2B	X	27.532	3.5
29	MP2B	Z	0	3.5
30	MP2B	Mx	.021	3.5
31	MP2C	X	34.807	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.016	.5
34	MP2C	X	34.807	3.5
35	MP2C	Z	0	3.5
36	MP2C	Mx	-.016	3.5
37	MP3A	X	8.189	1
38	MP3A	Z	0	1
39	MP3A	Mx	-.004	1
40	MP3A	X	8.189	3
41	MP3A	Z	0	3
42	MP3A	Mx	-.004	3
43	MP3B	X	10.948	1
44	MP3B	Z	0	1
45	MP3B	Mx	.005	1
46	MP3B	X	10.948	3
47	MP3B	Z	0	3
48	MP3B	Mx	.005	3
49	MP3C	X	17.936	1
50	MP3C	Z	0	1
51	MP3C	Mx	.003	1
52	MP3C	X	17.936	3
53	MP3C	Z	0	3
54	MP3C	Mx	.003	3
55	MP2A	X	2.95	3
56	MP2A	Z	0	3
57	MP2A	Mx	-.001	3
58	MP2B	X	3.196	3
59	MP2B	Z	0	3
60	MP2B	Mx	.001	3
61	MP2C	X	3.817	3
62	MP2C	Z	0	3
63	MP2C	Mx	.000653	3
64	M101	X	31.195	.75
65	M101	Z	0	.75
66	M101	Mx	0	.75
67	MP2A	X	11.27	.25
68	MP2A	Z	0	.25
69	MP2A	Mx	-.006	.25
70	MP2B	X	12.503	.25
71	MP2B	Z	0	.25
72	MP2B	Mx	.005	.25
73	MP2C	X	15.626	.25
74	MP2C	Z	0	.25
75	MP2C	Mx	.003	.25
76	MP3A	X	9.396	.25
77	MP3A	Z	0	.25
78	MP3A	Mx	-.005	.25
79	MP3B	X	11.097	.25
80	MP3B	Z	0	.25
81	MP3B	Mx	.005	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP3C	X	15.407	.25
83	MP3C	Z	0	.25
84	MP3C	Mx	.003	.25
85	MP4A	X	17.777	.25
86	MP4A	Z	0	.25
87	MP4A	Mx	-.009	.25
88	MP4A	X	17.777	3.75
89	MP4A	Z	0	3.75
90	MP4A	Mx	-.009	3.75
91	MP4B	X	20.921	.25
92	MP4B	Z	0	.25
93	MP4B	Mx	.009	.25
94	MP4B	X	20.921	3.75
95	MP4B	Z	0	3.75
96	MP4B	Mx	.009	3.75
97	MP4C	X	28.88	.25
98	MP4C	Z	0	.25
99	MP4C	Mx	.005	.25
100	MP4C	X	28.88	3.75
101	MP4C	Z	0	3.75
102	MP4C	Mx	.005	3.75
103	MP2B	X	4.742	4
104	MP2B	Z	0	4
105	MP2B	Mx	-.002	4
106	MP2C	X	8.257	4
107	MP2C	Z	0	4
108	MP2C	Mx	-.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	23.844	.5
2	MP2A	Z	13.766	.5
3	MP2A	Mx	-.003	.5
4	MP2A	X	23.844	3.5
5	MP2A	Z	13.766	3.5
6	MP2A	Mx	-.003	3.5
7	MP2B	X	28.82	.5
8	MP2B	Z	16.639	.5
9	MP2B	Mx	-.011	.5
10	MP2B	X	28.82	3.5
11	MP2B	Z	16.639	3.5
12	MP2B	Mx	-.011	3.5
13	MP2C	X	25.468	.5
14	MP2C	Z	14.704	.5
15	MP2C	Mx	.024	.5
16	MP2C	X	25.468	3.5
17	MP2C	Z	14.704	3.5
18	MP2C	Mx	.024	3.5
19	MP2A	X	23.844	.5
20	MP2A	Z	13.766	.5
21	MP2A	Mx	-.021	.5
22	MP2A	X	23.844	3.5
23	MP2A	Z	13.766	3.5
24	MP2A	Mx	-.021	3.5
25	MP2B	X	28.82	.5
26	MP2B	Z	16.639	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP2B	Mx	.028	.5
28	MP2B	X	28.82	3.5
29	MP2B	Z	16.639	3.5
30	MP2B	Mx	.028	3.5
31	MP2C	X	25.468	.5
32	MP2C	Z	14.704	.5
33	MP2C	Mx	-.001	.5
34	MP2C	X	25.468	3.5
35	MP2C	Z	14.704	3.5
36	MP2C	Mx	-.001	3.5
37	MP3A	X	9.482	1
38	MP3A	Z	5.474	1
39	MP3A	Mx	-.005	1
40	MP3A	X	9.482	3
41	MP3A	Z	5.474	3
42	MP3A	Mx	-.005	3
43	MP3B	X	14.261	1
44	MP3B	Z	8.234	1
45	MP3B	Mx	.004	1
46	MP3B	X	14.261	3
47	MP3B	Z	8.234	3
48	MP3B	Mx	.004	3
49	MP3C	X	11.041	1
50	MP3C	Z	6.375	1
51	MP3C	Mx	.005	1
52	MP3C	X	11.041	3
53	MP3C	Z	6.375	3
54	MP3C	Mx	.005	3
55	MP2A	X	2.767	3
56	MP2A	Z	1.598	3
57	MP2A	Mx	-.001	3
58	MP2B	X	3.193	3
59	MP2B	Z	1.843	3
60	MP2B	Mx	.000922	3
61	MP2C	X	2.906	3
62	MP2C	Z	1.678	3
63	MP2C	Mx	.001	3
64	M101	X	24.881	.75
65	M101	Z	14.365	.75
66	M101	Mx	0	.75
67	MP2A	X	10.828	.25
68	MP2A	Z	6.252	.25
69	MP2A	Mx	-.005	.25
70	MP2B	X	12.964	.25
71	MP2B	Z	7.485	.25
72	MP2B	Mx	.004	.25
73	MP2C	X	11.525	.25
74	MP2C	Z	6.654	.25
75	MP2C	Mx	.005	.25
76	MP3A	X	9.611	.25
77	MP3A	Z	5.549	.25
78	MP3A	Mx	-.005	.25
79	MP3B	X	12.558	.25
80	MP3B	Z	7.251	.25
81	MP3B	Mx	.004	.25
82	MP3C	X	10.573	.25
83	MP3C	Z	6.104	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP3C	Mx	.005	.25
85	MP4A	X	18.118	.25
86	MP4A	Z	10.46	.25
87	MP4A	Mx	-.009	.25
88	MP4A	X	18.118	3.75
89	MP4A	Z	10.46	3.75
90	MP4A	Mx	-.009	3.75
91	MP4B	X	23.562	.25
92	MP4B	Z	13.604	.25
93	MP4B	Mx	.007	.25
94	MP4B	X	23.562	3.75
95	MP4B	Z	13.604	3.75
96	MP4B	Mx	.007	3.75
97	MP4C	X	19.895	.25
98	MP4C	Z	11.486	.25
99	MP4C	Mx	.009	.25
100	MP4C	X	19.895	3.75
101	MP4C	Z	11.486	3.75
102	MP4C	Mx	.009	3.75
103	MP2B	X	6.511	4
104	MP2B	Z	3.759	4
105	MP2B	Mx	-.002	4
106	MP2C	X	4.891	4
107	MP2C	Z	2.824	4
108	MP2C	Mx	-.002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	16.639	.5
2	MP2A	Z	28.82	.5
3	MP2A	Mx	.011	.5
4	MP2A	X	16.639	3.5
5	MP2A	Z	28.82	3.5
6	MP2A	Mx	.011	3.5
7	MP2B	X	18.076	.5
8	MP2B	Z	31.308	.5
9	MP2B	Mx	-.024	.5
10	MP2B	X	18.076	3.5
11	MP2B	Z	31.308	3.5
12	MP2B	Mx	-.024	3.5
13	MP2C	X	12.503	.5
14	MP2C	Z	21.656	.5
15	MP2C	Mx	.015	.5
16	MP2C	X	12.503	3.5
17	MP2C	Z	21.656	3.5
18	MP2C	Mx	.015	3.5
19	MP2A	X	16.639	.5
20	MP2A	Z	28.82	.5
21	MP2A	Mx	-.028	.5
22	MP2A	X	16.639	3.5
23	MP2A	Z	28.82	3.5
24	MP2A	Mx	-.028	3.5
25	MP2B	X	18.076	.5
26	MP2B	Z	31.308	.5
27	MP2B	Mx	.024	.5
28	MP2B	X	18.076	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	Z	31.308	3.5
30	MP2B	Mx	.024	3.5
31	MP2C	X	12.503	.5
32	MP2C	Z	21.656	.5
33	MP2C	Mx	.009	.5
34	MP2C	X	12.503	3.5
35	MP2C	Z	21.656	3.5
36	MP2C	Mx	.009	3.5
37	MP3A	X	8.234	1
38	MP3A	Z	14.261	1
39	MP3A	Mx	-.004	1
40	MP3A	X	8.234	3
41	MP3A	Z	14.261	3
42	MP3A	Mx	-.004	3
43	MP3B	X	9.613	1
44	MP3B	Z	16.651	1
45	MP3B	Mx	0	1
46	MP3B	X	9.613	3
47	MP3B	Z	16.651	3
48	MP3B	Mx	0	3
49	MP3C	X	4.261	1
50	MP3C	Z	7.38	1
51	MP3C	Mx	.004	1
52	MP3C	X	4.261	3
53	MP3C	Z	7.38	3
54	MP3C	Mx	.004	3
55	MP2A	X	1.843	3
56	MP2A	Z	3.193	3
57	MP2A	Mx	-.000922	3
58	MP2B	X	1.966	3
59	MP2B	Z	3.405	3
60	MP2B	Mx	0	3
61	MP2C	X	1.49	3
62	MP2C	Z	2.581	3
63	MP2C	Mx	.001	3
64	M101	X	11.901	.75
65	M101	Z	20.612	.75
66	M101	Mx	0	.75
67	MP2A	X	7.485	.25
68	MP2A	Z	12.964	.25
69	MP2A	Mx	-.004	.25
70	MP2B	X	8.102	.25
71	MP2B	Z	14.032	.25
72	MP2B	Mx	0	.25
73	MP2C	X	5.709	.25
74	MP2C	Z	9.889	.25
75	MP2C	Mx	.006	.25
76	MP3A	X	7.251	.25
77	MP3A	Z	12.558	.25
78	MP3A	Mx	-.004	.25
79	MP3B	X	8.102	.25
80	MP3B	Z	14.032	.25
81	MP3B	Mx	0	.25
82	MP3C	X	4.8	.25
83	MP3C	Z	8.315	.25
84	MP3C	Mx	.005	.25
85	MP4A	X	13.604	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP4A	Z	23.562	.25
87	MP4A	Mx	-.007	.25
88	MP4A	X	13.604	3.75
89	MP4A	Z	23.562	3.75
90	MP4A	Mx	-.007	3.75
91	MP4B	X	15.175	.25
92	MP4B	Z	26.285	.25
93	MP4B	Mx	0	.25
94	MP4B	X	15.175	3.75
95	MP4B	Z	26.285	3.75
96	MP4B	Mx	0	3.75
97	MP4C	X	9.078	.25
98	MP4C	Z	15.724	.25
99	MP4C	Mx	.009	.25
100	MP4C	X	9.078	3.75
101	MP4C	Z	15.724	3.75
102	MP4C	Mx	.009	3.75
103	MP2B	X	4.453	4
104	MP2B	Z	7.713	4
105	MP2B	Mx	0	4
106	MP2C	X	1.761	4
107	MP2C	Z	3.05	4
108	MP2C	Mx	-.002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	36.151	.5
3	MP2A	Mx	.024	.5
4	MP2A	X	0	3.5
5	MP2A	Z	36.151	3.5
6	MP2A	Mx	.024	3.5
7	MP2B	X	0	.5
8	MP2B	Z	33.278	.5
9	MP2B	Mx	-.028	.5
10	MP2B	X	0	3.5
11	MP2B	Z	33.278	3.5
12	MP2B	Mx	-.028	3.5
13	MP2C	X	0	.5
14	MP2C	Z	26.004	.5
15	MP2C	Mx	.006	.5
16	MP2C	X	0	3.5
17	MP2C	Z	26.004	3.5
18	MP2C	Mx	.006	3.5
19	MP2A	X	0	.5
20	MP2A	Z	36.151	.5
21	MP2A	Mx	-.024	.5
22	MP2A	X	0	3.5
23	MP2A	Z	36.151	3.5
24	MP2A	Mx	-.024	3.5
25	MP2B	X	0	.5
26	MP2B	Z	33.278	.5
27	MP2B	Mx	.011	.5
28	MP2B	X	0	3.5
29	MP2B	Z	33.278	3.5
30	MP2B	Mx	.011	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP2C	X	0	.5
32	MP2C	Z	26.004	.5
33	MP2C	Mx	.018	.5
34	MP2C	X	0	3.5
35	MP2C	Z	26.004	3.5
36	MP2C	Mx	.018	3.5
37	MP3A	X	0	1
38	MP3A	Z	19.227	1
39	MP3A	Mx	0	1
40	MP3A	X	0	3
41	MP3A	Z	19.227	3
42	MP3A	Mx	0	3
43	MP3B	X	0	1
44	MP3B	Z	16.467	1
45	MP3B	Mx	-.004	1
46	MP3B	X	0	3
47	MP3B	Z	16.467	3
48	MP3B	Mx	-.004	3
49	MP3C	X	0	1
50	MP3C	Z	9.48	1
51	MP3C	Mx	.004	1
52	MP3C	X	0	3
53	MP3C	Z	9.48	3
54	MP3C	Mx	.004	3
55	MP2A	X	0	3
56	MP2A	Z	3.932	3
57	MP2A	Mx	0	3
58	MP2B	X	0	3
59	MP2B	Z	3.686	3
60	MP2B	Mx	-.000922	3
61	MP2C	X	0	3
62	MP2C	Z	3.065	3
63	MP2C	Mx	.001	3
64	M101	X	0	.75
65	M101	Z	21.336	.75
66	M101	Mx	0	.75
67	MP2A	X	0	.25
68	MP2A	Z	16.203	.25
69	MP2A	Mx	0	.25
70	MP2B	X	0	.25
71	MP2B	Z	14.97	.25
72	MP2B	Mx	-.004	.25
73	MP2C	X	0	.25
74	MP2C	Z	11.847	.25
75	MP2C	Mx	.006	.25
76	MP3A	X	0	.25
77	MP3A	Z	16.203	.25
78	MP3A	Mx	0	.25
79	MP3B	X	0	.25
80	MP3B	Z	14.501	.25
81	MP3B	Mx	-.004	.25
82	MP3C	X	0	.25
83	MP3C	Z	10.192	.25
84	MP3C	Mx	.005	.25
85	MP4A	X	0	.25
86	MP4A	Z	30.351	.25
87	MP4A	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP4A	X	0	3.75
89	MP4A	Z	30.351	3.75
90	MP4A	Mx	0	3.75
91	MP4B	X	0	.25
92	MP4B	Z	27.208	.25
93	MP4B	Mx	-.007	.25
94	MP4B	X	0	3.75
95	MP4B	Z	27.208	3.75
96	MP4B	Mx	-.007	3.75
97	MP4C	X	0	.25
98	MP4C	Z	19.248	.25
99	MP4C	Mx	.009	.25
100	MP4C	X	0	3.75
101	MP4C	Z	19.248	3.75
102	MP4C	Mx	.009	3.75
103	MP2B	X	0	4
104	MP2B	Z	7.518	4
105	MP2B	Mx	.002	4
106	MP2C	X	0	4
107	MP2C	Z	4.004	4
108	MP2C	Mx	-.002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-16.639	.5
2	MP2A	Z	28.82	.5
3	MP2A	Mx	.028	.5
4	MP2A	X	-16.639	3.5
5	MP2A	Z	28.82	3.5
6	MP2A	Mx	.028	3.5
7	MP2B	X	-13.766	.5
8	MP2B	Z	23.844	.5
9	MP2B	Mx	-.021	.5
10	MP2B	X	-13.766	3.5
11	MP2B	Z	23.844	3.5
12	MP2B	Mx	-.021	3.5
13	MP2C	X	-15.702	.5
14	MP2C	Z	27.196	.5
15	MP2C	Mx	-.006	.5
16	MP2C	X	-15.702	3.5
17	MP2C	Z	27.196	3.5
18	MP2C	Mx	-.006	3.5
19	MP2A	X	-16.639	.5
20	MP2A	Z	28.82	.5
21	MP2A	Mx	-.011	.5
22	MP2A	X	-16.639	3.5
23	MP2A	Z	28.82	3.5
24	MP2A	Mx	-.011	3.5
25	MP2B	X	-13.766	.5
26	MP2B	Z	23.844	.5
27	MP2B	Mx	-.003	.5
28	MP2B	X	-13.766	3.5
29	MP2B	Z	23.844	3.5
30	MP2B	Mx	-.003	3.5
31	MP2C	X	-15.702	.5
32	MP2C	Z	27.196	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2C	Mx	.026	.5
34	MP2C	X	-15.702	3.5
35	MP2C	Z	27.196	3.5
36	MP2C	Mx	.026	3.5
37	MP3A	X	-8.234	1
38	MP3A	Z	14.261	1
39	MP3A	Mx	.004	1
40	MP3A	X	-8.234	3
41	MP3A	Z	14.261	3
42	MP3A	Mx	.004	3
43	MP3B	X	-5.474	1
44	MP3B	Z	9.482	1
45	MP3B	Mx	-.005	1
46	MP3B	X	-5.474	3
47	MP3B	Z	9.482	3
48	MP3B	Mx	-.005	3
49	MP3C	X	-7.333	1
50	MP3C	Z	12.701	1
51	MP3C	Mx	.005	1
52	MP3C	X	-7.333	3
53	MP3C	Z	12.701	3
54	MP3C	Mx	.005	3
55	MP2A	X	-1.843	3
56	MP2A	Z	3.193	3
57	MP2A	Mx	.000922	3
58	MP2B	X	-1.598	3
59	MP2B	Z	2.767	3
60	MP2B	Mx	-.001	3
61	MP2C	X	-1.763	3
62	MP2C	Z	3.054	3
63	MP2C	Mx	.001	3
64	M101	X	-11.901	.75
65	M101	Z	20.612	.75
66	M101	Mx	0	.75
67	MP2A	X	-7.485	.25
68	MP2A	Z	12.964	.25
69	MP2A	Mx	.004	.25
70	MP2B	X	-6.252	.25
71	MP2B	Z	10.828	.25
72	MP2B	Mx	-.005	.25
73	MP2C	X	-7.082	.25
74	MP2C	Z	12.267	.25
75	MP2C	Mx	.005	.25
76	MP3A	X	-7.251	.25
77	MP3A	Z	12.558	.25
78	MP3A	Mx	.004	.25
79	MP3B	X	-5.549	.25
80	MP3B	Z	9.611	.25
81	MP3B	Mx	-.005	.25
82	MP3C	X	-6.695	.25
83	MP3C	Z	11.596	.25
84	MP3C	Mx	.004	.25
85	MP4A	X	-13.604	.25
86	MP4A	Z	23.562	.25
87	MP4A	Mx	.007	.25
88	MP4A	X	-13.604	3.75
89	MP4A	Z	23.562	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP4A	Mx	.007	3.75
91	MP4B	X	-10.46	.25
92	MP4B	Z	18.118	.25
93	MP4B	Mx	-.009	.25
94	MP4B	X	-10.46	3.75
95	MP4B	Z	18.118	3.75
96	MP4B	Mx	-.009	3.75
97	MP4C	X	-12.578	.25
98	MP4C	Z	21.786	.25
99	MP4C	Mx	.008	.25
100	MP4C	X	-12.578	3.75
101	MP4C	Z	21.786	3.75
102	MP4C	Mx	.008	3.75
103	MP2B	X	-2.371	4
104	MP2B	Z	4.107	4
105	MP2B	Mx	.002	4
106	MP2C	X	-3.306	4
107	MP2C	Z	5.726	4
108	MP2C	Mx	-.002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-23.844	.5
2	MP2A	Z	13.766	.5
3	MP2A	Mx	.021	.5
4	MP2A	X	-23.844	3.5
5	MP2A	Z	13.766	3.5
6	MP2A	Mx	.021	3.5
7	MP2B	X	-21.356	.5
8	MP2B	Z	12.33	.5
9	MP2B	Mx	-.012	.5
10	MP2B	X	-21.356	3.5
11	MP2B	Z	12.33	3.5
12	MP2B	Mx	-.012	3.5
13	MP2C	X	-31.008	.5
14	MP2C	Z	17.902	.5
15	MP2C	Mx	-.02	.5
16	MP2C	X	-31.008	3.5
17	MP2C	Z	17.902	3.5
18	MP2C	Mx	-.02	3.5
19	MP2A	X	-23.844	.5
20	MP2A	Z	13.766	.5
21	MP2A	Mx	.003	.5
22	MP2A	X	-23.844	3.5
23	MP2A	Z	13.766	3.5
24	MP2A	Mx	.003	3.5
25	MP2B	X	-21.356	.5
26	MP2B	Z	12.33	.5
27	MP2B	Mx	-.012	.5
28	MP2B	X	-21.356	3.5
29	MP2B	Z	12.33	3.5
30	MP2B	Mx	-.012	3.5
31	MP2C	X	-31.008	.5
32	MP2C	Z	17.902	.5
33	MP2C	Mx	.027	.5
34	MP2C	X	-31.008	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	17.902	3.5
36	MP2C	Mx	.027	3.5
37	MP3A	X	-9.482	1
38	MP3A	Z	5.474	1
39	MP3A	Mx	.005	1
40	MP3A	X	-9.482	3
41	MP3A	Z	5.474	3
42	MP3A	Mx	.005	3
43	MP3B	X	-7.092	1
44	MP3B	Z	4.094	1
45	MP3B	Mx	-.004	1
46	MP3B	X	-7.092	3
47	MP3B	Z	4.094	3
48	MP3B	Mx	-.004	3
49	MP3C	X	-16.363	1
50	MP3C	Z	9.447	1
51	MP3C	Mx	.002	1
52	MP3C	X	-16.363	3
53	MP3C	Z	9.447	3
54	MP3C	Mx	.002	3
55	MP2A	X	-2.767	3
56	MP2A	Z	1.598	3
57	MP2A	Mx	.001	3
58	MP2B	X	-2.555	3
59	MP2B	Z	1.475	3
60	MP2B	Mx	-.001	3
61	MP2C	X	-3.379	3
62	MP2C	Z	1.951	3
63	MP2C	Mx	.000339	3
64	M101	X	-24.881	.75
65	M101	Z	14.365	.75
66	M101	Mx	0	.75
67	MP2A	X	-10.828	.25
68	MP2A	Z	6.252	.25
69	MP2A	Mx	.005	.25
70	MP2B	X	-9.76	.25
71	MP2B	Z	5.635	.25
72	MP2B	Mx	-.006	.25
73	MP2C	X	-13.904	.25
74	MP2C	Z	8.027	.25
75	MP2C	Mx	.001	.25
76	MP3A	X	-9.611	.25
77	MP3A	Z	5.549	.25
78	MP3A	Mx	.005	.25
79	MP3B	X	-8.137	.25
80	MP3B	Z	4.698	.25
81	MP3B	Mx	-.005	.25
82	MP3C	X	-13.855	.25
83	MP3C	Z	7.999	.25
84	MP3C	Mx	.001	.25
85	MP4A	X	-18.118	.25
86	MP4A	Z	10.46	.25
87	MP4A	Mx	.009	.25
88	MP4A	X	-18.118	3.75
89	MP4A	Z	10.46	3.75
90	MP4A	Mx	.009	3.75
91	MP4B	X	-15.396	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP4B	Z	8.889	.25
93	MP4B	Mx	-.009	.25
94	MP4B	X	-15.396	3.75
95	MP4B	Z	8.889	3.75
96	MP4B	Mx	-.009	3.75
97	MP4C	X	-25.956	.25
98	MP4C	Z	14.986	.25
99	MP4C	Mx	.003	.25
100	MP4C	X	-25.956	3.75
101	MP4C	Z	14.986	3.75
102	MP4C	Mx	.003	3.75
103	MP2B	X	-2.905	4
104	MP2B	Z	1.677	4
105	MP2B	Mx	.002	4
106	MP2C	X	-7.568	4
107	MP2C	Z	4.369	4
108	MP2C	Mx	-.000759	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-24.659	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.012	.5
4	MP2A	X	-24.659	3.5
5	MP2A	Z	0	3.5
6	MP2A	Mx	.012	3.5
7	MP2B	X	-27.532	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.003	.5
10	MP2B	X	-27.532	3.5
11	MP2B	Z	0	3.5
12	MP2B	Mx	-.003	3.5
13	MP2C	X	-34.807	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.028	.5
16	MP2C	X	-34.807	3.5
17	MP2C	Z	0	3.5
18	MP2C	Mx	-.028	3.5
19	MP2A	X	-24.659	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.012	.5
22	MP2A	X	-24.659	3.5
23	MP2A	Z	0	3.5
24	MP2A	Mx	.012	3.5
25	MP2B	X	-27.532	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.021	.5
28	MP2B	X	-27.532	3.5
29	MP2B	Z	0	3.5
30	MP2B	Mx	-.021	3.5
31	MP2C	X	-34.807	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.016	.5
34	MP2C	X	-34.807	3.5
35	MP2C	Z	0	3.5
36	MP2C	Mx	.016	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3A	X	-8.189	1
38	MP3A	Z	0	1
39	MP3A	Mx	.004	1
40	MP3A	X	-8.189	3
41	MP3A	Z	0	3
42	MP3A	Mx	.004	3
43	MP3B	X	-10.948	1
44	MP3B	Z	0	1
45	MP3B	Mx	-.005	1
46	MP3B	X	-10.948	3
47	MP3B	Z	0	3
48	MP3B	Mx	-.005	3
49	MP3C	X	-17.936	1
50	MP3C	Z	0	1
51	MP3C	Mx	-.003	1
52	MP3C	X	-17.936	3
53	MP3C	Z	0	3
54	MP3C	Mx	-.003	3
55	MP2A	X	-2.95	3
56	MP2A	Z	0	3
57	MP2A	Mx	.001	3
58	MP2B	X	-3.196	3
59	MP2B	Z	0	3
60	MP2B	Mx	-.001	3
61	MP2C	X	-3.817	3
62	MP2C	Z	0	3
63	MP2C	Mx	-.000653	3
64	M101	X	-31.195	.75
65	M101	Z	0	.75
66	M101	Mx	0	.75
67	MP2A	X	-11.27	.25
68	MP2A	Z	0	.25
69	MP2A	Mx	.006	.25
70	MP2B	X	-12.503	.25
71	MP2B	Z	0	.25
72	MP2B	Mx	-.005	.25
73	MP2C	X	-15.626	.25
74	MP2C	Z	0	.25
75	MP2C	Mx	-.003	.25
76	MP3A	X	-9.396	.25
77	MP3A	Z	0	.25
78	MP3A	Mx	.005	.25
79	MP3B	X	-11.097	.25
80	MP3B	Z	0	.25
81	MP3B	Mx	-.005	.25
82	MP3C	X	-15.407	.25
83	MP3C	Z	0	.25
84	MP3C	Mx	-.003	.25
85	MP4A	X	-17.777	.25
86	MP4A	Z	0	.25
87	MP4A	Mx	.009	.25
88	MP4A	X	-17.777	3.75
89	MP4A	Z	0	3.75
90	MP4A	Mx	.009	3.75
91	MP4B	X	-20.921	.25
92	MP4B	Z	0	.25
93	MP4B	Mx	-.009	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP4B	X	-20.921	3.75
95	MP4B	Z	0	3.75
96	MP4B	Mx	-.009	3.75
97	MP4C	X	-28.88	.25
98	MP4C	Z	0	.25
99	MP4C	Mx	-.005	.25
100	MP4C	X	-28.88	3.75
101	MP4C	Z	0	3.75
102	MP4C	Mx	-.005	3.75
103	MP2B	X	-4.742	4
104	MP2B	Z	0	4
105	MP2B	Mx	.002	4
106	MP2C	X	-8.257	4
107	MP2C	Z	0	4
108	MP2C	Mx	.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-23.844	.5
2	MP2A	Z	-13.766	.5
3	MP2A	Mx	.003	.5
4	MP2A	X	-23.844	3.5
5	MP2A	Z	-13.766	3.5
6	MP2A	Mx	.003	3.5
7	MP2B	X	-28.82	.5
8	MP2B	Z	-16.639	.5
9	MP2B	Mx	.011	.5
10	MP2B	X	-28.82	3.5
11	MP2B	Z	-16.639	3.5
12	MP2B	Mx	.011	3.5
13	MP2C	X	-25.468	.5
14	MP2C	Z	-14.704	.5
15	MP2C	Mx	-.024	.5
16	MP2C	X	-25.468	3.5
17	MP2C	Z	-14.704	3.5
18	MP2C	Mx	-.024	3.5
19	MP2A	X	-23.844	.5
20	MP2A	Z	-13.766	.5
21	MP2A	Mx	.021	.5
22	MP2A	X	-23.844	3.5
23	MP2A	Z	-13.766	3.5
24	MP2A	Mx	.021	3.5
25	MP2B	X	-28.82	.5
26	MP2B	Z	-16.639	.5
27	MP2B	Mx	-.028	.5
28	MP2B	X	-28.82	3.5
29	MP2B	Z	-16.639	3.5
30	MP2B	Mx	-.028	3.5
31	MP2C	X	-25.468	.5
32	MP2C	Z	-14.704	.5
33	MP2C	Mx	.001	.5
34	MP2C	X	-25.468	3.5
35	MP2C	Z	-14.704	3.5
36	MP2C	Mx	.001	3.5
37	MP3A	X	-9.482	1
38	MP3A	Z	-5.474	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP3A	Mx	.005	1
40	MP3A	X	-9.482	3
41	MP3A	Z	-5.474	3
42	MP3A	Mx	.005	3
43	MP3B	X	-14.261	1
44	MP3B	Z	-8.234	1
45	MP3B	Mx	-.004	1
46	MP3B	X	-14.261	3
47	MP3B	Z	-8.234	3
48	MP3B	Mx	-.004	3
49	MP3C	X	-11.041	1
50	MP3C	Z	-6.375	1
51	MP3C	Mx	-.005	1
52	MP3C	X	-11.041	3
53	MP3C	Z	-6.375	3
54	MP3C	Mx	-.005	3
55	MP2A	X	-2.767	3
56	MP2A	Z	-1.598	3
57	MP2A	Mx	.001	3
58	MP2B	X	-3.193	3
59	MP2B	Z	-1.843	3
60	MP2B	Mx	-.000922	3
61	MP2C	X	-2.906	3
62	MP2C	Z	-1.678	3
63	MP2C	Mx	-.001	3
64	M101	X	-24.881	.75
65	M101	Z	-14.365	.75
66	M101	Mx	0	.75
67	MP2A	X	-10.828	.25
68	MP2A	Z	-6.252	.25
69	MP2A	Mx	.005	.25
70	MP2B	X	-12.964	.25
71	MP2B	Z	-7.485	.25
72	MP2B	Mx	-.004	.25
73	MP2C	X	-11.525	.25
74	MP2C	Z	-6.654	.25
75	MP2C	Mx	-.005	.25
76	MP3A	X	-9.611	.25
77	MP3A	Z	-5.549	.25
78	MP3A	Mx	.005	.25
79	MP3B	X	-12.558	.25
80	MP3B	Z	-7.251	.25
81	MP3B	Mx	-.004	.25
82	MP3C	X	-10.573	.25
83	MP3C	Z	-6.104	.25
84	MP3C	Mx	-.005	.25
85	MP4A	X	-18.118	.25
86	MP4A	Z	-10.46	.25
87	MP4A	Mx	.009	.25
88	MP4A	X	-18.118	3.75
89	MP4A	Z	-10.46	3.75
90	MP4A	Mx	.009	3.75
91	MP4B	X	-23.562	.25
92	MP4B	Z	-13.604	.25
93	MP4B	Mx	-.007	.25
94	MP4B	X	-23.562	3.75
95	MP4B	Z	-13.604	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	MP4B	Mx	-.007	3.75
97	MP4C	X	-19.895	.25
98	MP4C	Z	-11.486	.25
99	MP4C	Mx	-.009	.25
100	MP4C	X	-19.895	3.75
101	MP4C	Z	-11.486	3.75
102	MP4C	Mx	-.009	3.75
103	MP2B	X	-6.511	4
104	MP2B	Z	-3.759	4
105	MP2B	Mx	.002	4
106	MP2C	X	-4.891	4
107	MP2C	Z	-2.824	4
108	MP2C	Mx	.002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-16.639	.5
2	MP2A	Z	-28.82	.5
3	MP2A	Mx	-.011	.5
4	MP2A	X	-16.639	3.5
5	MP2A	Z	-28.82	3.5
6	MP2A	Mx	-.011	3.5
7	MP2B	X	-18.076	.5
8	MP2B	Z	-31.308	.5
9	MP2B	Mx	.024	.5
10	MP2B	X	-18.076	3.5
11	MP2B	Z	-31.308	3.5
12	MP2B	Mx	.024	3.5
13	MP2C	X	-12.503	.5
14	MP2C	Z	-21.656	.5
15	MP2C	Mx	-.015	.5
16	MP2C	X	-12.503	3.5
17	MP2C	Z	-21.656	3.5
18	MP2C	Mx	-.015	3.5
19	MP2A	X	-16.639	.5
20	MP2A	Z	-28.82	.5
21	MP2A	Mx	.028	.5
22	MP2A	X	-16.639	3.5
23	MP2A	Z	-28.82	3.5
24	MP2A	Mx	.028	3.5
25	MP2B	X	-18.076	.5
26	MP2B	Z	-31.308	.5
27	MP2B	Mx	-.024	.5
28	MP2B	X	-18.076	3.5
29	MP2B	Z	-31.308	3.5
30	MP2B	Mx	-.024	3.5
31	MP2C	X	-12.503	.5
32	MP2C	Z	-21.656	.5
33	MP2C	Mx	-.009	.5
34	MP2C	X	-12.503	3.5
35	MP2C	Z	-21.656	3.5
36	MP2C	Mx	-.009	3.5
37	MP3A	X	-8.234	1
38	MP3A	Z	-14.261	1
39	MP3A	Mx	.004	1
40	MP3A	X	-8.234	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3A	Z	-14.261	3
42	MP3A	Mx	.004	3
43	MP3B	X	-9.613	1
44	MP3B	Z	-16.651	1
45	MP3B	Mx	0	1
46	MP3B	X	-9.613	3
47	MP3B	Z	-16.651	3
48	MP3B	Mx	0	3
49	MP3C	X	-4.261	1
50	MP3C	Z	-7.38	1
51	MP3C	Mx	-.004	1
52	MP3C	X	-4.261	3
53	MP3C	Z	-7.38	3
54	MP3C	Mx	-.004	3
55	MP2A	X	-1.843	3
56	MP2A	Z	-3.193	3
57	MP2A	Mx	.000922	3
58	MP2B	X	-1.966	3
59	MP2B	Z	-3.405	3
60	MP2B	Mx	0	3
61	MP2C	X	-1.49	3
62	MP2C	Z	-2.581	3
63	MP2C	Mx	-.001	3
64	M101	X	-11.901	.75
65	M101	Z	-20.612	.75
66	M101	Mx	0	.75
67	MP2A	X	-7.485	.25
68	MP2A	Z	-12.964	.25
69	MP2A	Mx	.004	.25
70	MP2B	X	-8.102	.25
71	MP2B	Z	-14.032	.25
72	MP2B	Mx	0	.25
73	MP2C	X	-5.709	.25
74	MP2C	Z	-9.889	.25
75	MP2C	Mx	-.006	.25
76	MP3A	X	-7.251	.25
77	MP3A	Z	-12.558	.25
78	MP3A	Mx	.004	.25
79	MP3B	X	-8.102	.25
80	MP3B	Z	-14.032	.25
81	MP3B	Mx	0	.25
82	MP3C	X	-4.8	.25
83	MP3C	Z	-8.315	.25
84	MP3C	Mx	-.005	.25
85	MP4A	X	-13.604	.25
86	MP4A	Z	-23.562	.25
87	MP4A	Mx	.007	.25
88	MP4A	X	-13.604	3.75
89	MP4A	Z	-23.562	3.75
90	MP4A	Mx	.007	3.75
91	MP4B	X	-15.175	.25
92	MP4B	Z	-26.285	.25
93	MP4B	Mx	0	.25
94	MP4B	X	-15.175	3.75
95	MP4B	Z	-26.285	3.75
96	MP4B	Mx	0	3.75
97	MP4C	X	-9.078	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP4C	Z	-15.724	.25
99	MP4C	Mx	-.009	.25
100	MP4C	X	-9.078	3.75
101	MP4C	Z	-15.724	3.75
102	MP4C	Mx	-.009	3.75
103	MP2B	X	-4.453	4
104	MP2B	Z	-7.713	4
105	MP2B	Mx	0	4
106	MP2C	X	-1.761	4
107	MP2C	Z	-3.05	4
108	MP2C	Mx	.002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-11.878	.5
3	MP2A	Mx	-.008	.5
4	MP2A	X	0	3.5
5	MP2A	Z	-11.878	3.5
6	MP2A	Mx	-.008	3.5
7	MP2B	X	0	.5
8	MP2B	Z	-10.859	.5
9	MP2B	Mx	.009	.5
10	MP2B	X	0	3.5
11	MP2B	Z	-10.859	3.5
12	MP2B	Mx	.009	3.5
13	MP2C	X	0	.5
14	MP2C	Z	-8.278	.5
15	MP2C	Mx	-.002	.5
16	MP2C	X	0	3.5
17	MP2C	Z	-8.278	3.5
18	MP2C	Mx	-.002	3.5
19	MP2A	X	0	.5
20	MP2A	Z	-11.878	.5
21	MP2A	Mx	.008	.5
22	MP2A	X	0	3.5
23	MP2A	Z	-11.878	3.5
24	MP2A	Mx	.008	3.5
25	MP2B	X	0	.5
26	MP2B	Z	-10.859	.5
27	MP2B	Mx	-.004	.5
28	MP2B	X	0	3.5
29	MP2B	Z	-10.859	3.5
30	MP2B	Mx	-.004	3.5
31	MP2C	X	0	.5
32	MP2C	Z	-8.278	.5
33	MP2C	Mx	-.006	.5
34	MP2C	X	0	3.5
35	MP2C	Z	-8.278	3.5
36	MP2C	Mx	-.006	3.5
37	MP3A	X	0	1
38	MP3A	Z	-5.111	1
39	MP3A	Mx	0	1
40	MP3A	X	0	3
41	MP3A	Z	-5.111	3
42	MP3A	Mx	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP3B	X	0	1
44	MP3B	Z	-4.273	1
45	MP3B	Mx	.001	1
46	MP3B	X	0	3
47	MP3B	Z	-4.273	3
48	MP3B	Mx	.001	3
49	MP3C	X	0	1
50	MP3C	Z	-2.152	1
51	MP3C	Mx	-.001	1
52	MP3C	X	0	3
53	MP3C	Z	-2.152	3
54	MP3C	Mx	-.001	3
55	MP2A	X	0	3
56	MP2A	Z	-.965	3
57	MP2A	Mx	0	3
58	MP2B	X	0	3
59	MP2B	Z	-.891	3
60	MP2B	Mx	.000223	3
61	MP2C	X	0	3
62	MP2C	Z	-.702	3
63	MP2C	Mx	-.00033	3
64	M101	X	0	.75
65	M101	Z	-6.285	.75
66	M101	Mx	0	.75
67	MP2A	X	0	.25
68	MP2A	Z	-4.042	.25
69	MP2A	Mx	0	.25
70	MP2B	X	0	.25
71	MP2B	Z	-3.71	.25
72	MP2B	Mx	.000927	.25
73	MP2C	X	0	.25
74	MP2C	Z	-2.868	.25
75	MP2C	Mx	-.001	.25
76	MP3A	X	0	.25
77	MP3A	Z	-4.042	.25
78	MP3A	Mx	0	.25
79	MP3B	X	0	.25
80	MP3B	Z	-3.586	.25
81	MP3B	Mx	.000896	.25
82	MP3C	X	0	.25
83	MP3C	Z	-2.43	.25
84	MP3C	Mx	-.001	.25
85	MP4A	X	0	.25
86	MP4A	Z	-9.87	.25
87	MP4A	Mx	0	.25
88	MP4A	X	0	3.75
89	MP4A	Z	-9.87	3.75
90	MP4A	Mx	0	3.75
91	MP4B	X	0	.25
92	MP4B	Z	-8.758	.25
93	MP4B	Mx	.002	.25
94	MP4B	X	0	3.75
95	MP4B	Z	-8.758	3.75
96	MP4B	Mx	.002	3.75
97	MP4C	X	0	.25
98	MP4C	Z	-5.942	.25
99	MP4C	Mx	-.003	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP4C	X	0	3.75
101	MP4C	Z	-5.942	3.75
102	MP4C	Mx	-.003	3.75
103	MP2B	X	0	4
104	MP2B	Z	-2.067	4
105	MP2B	Mx	-.000517	4
106	MP2C	X	0	4
107	MP2C	Z	-.963	4
108	MP2C	Mx	.000452	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.43	.5
2	MP2A	Z	-9.404	.5
3	MP2A	Mx	-.009	.5
4	MP2A	X	5.43	3.5
5	MP2A	Z	-9.404	3.5
6	MP2A	Mx	-.009	3.5
7	MP2B	X	4.41	.5
8	MP2B	Z	-7.639	.5
9	MP2B	Mx	.007	.5
10	MP2B	X	4.41	3.5
11	MP2B	Z	-7.639	3.5
12	MP2B	Mx	.007	3.5
13	MP2C	X	5.097	.5
14	MP2C	Z	-8.828	.5
15	MP2C	Mx	.002	.5
16	MP2C	X	5.097	3.5
17	MP2C	Z	-8.828	3.5
18	MP2C	Mx	.002	3.5
19	MP2A	X	5.43	.5
20	MP2A	Z	-9.404	.5
21	MP2A	Mx	.004	.5
22	MP2A	X	5.43	3.5
23	MP2A	Z	-9.404	3.5
24	MP2A	Mx	.004	3.5
25	MP2B	X	4.41	.5
26	MP2B	Z	-7.639	.5
27	MP2B	Mx	.000879	.5
28	MP2B	X	4.41	3.5
29	MP2B	Z	-7.639	3.5
30	MP2B	Mx	.000879	3.5
31	MP2C	X	5.097	.5
32	MP2C	Z	-8.828	.5
33	MP2C	Mx	-.008	.5
34	MP2C	X	5.097	3.5
35	MP2C	Z	-8.828	3.5
36	MP2C	Mx	-.008	3.5
37	MP3A	X	2.137	1
38	MP3A	Z	-3.701	1
39	MP3A	Mx	-.001	1
40	MP3A	X	2.137	3
41	MP3A	Z	-3.701	3
42	MP3A	Mx	-.001	3
43	MP3B	X	1.299	1
44	MP3B	Z	-2.25	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3B	Mx	.001	1
46	MP3B	X	1.299	3
47	MP3B	Z	-2.25	3
48	MP3B	Mx	.001	3
49	MP3C	X	1.863	1
50	MP3C	Z	-3.227	1
51	MP3C	Mx	-.001	1
52	MP3C	X	1.863	3
53	MP3C	Z	-3.227	3
54	MP3C	Mx	-.001	3
55	MP2A	X	.445	3
56	MP2A	Z	-.771	3
57	MP2A	Mx	-.000222	3
58	MP2B	X	.371	3
59	MP2B	Z	-.643	3
60	MP2B	Mx	.000321	3
61	MP2C	X	.421	3
62	MP2C	Z	-.729	3
63	MP2C	Mx	-.000271	3
64	M101	X	3.39	.75
65	M101	Z	-5.872	.75
66	M101	Mx	0	.75
67	MP2A	X	1.855	.25
68	MP2A	Z	-3.213	.25
69	MP2A	Mx	-.000927	.25
70	MP2B	X	1.522	.25
71	MP2B	Z	-2.637	.25
72	MP2B	Mx	.001	.25
73	MP2C	X	1.746	.25
74	MP2C	Z	-3.025	.25
75	MP2C	Mx	-.001	.25
76	MP3A	X	1.793	.25
77	MP3A	Z	-3.105	.25
78	MP3A	Mx	-.000896	.25
79	MP3B	X	1.336	.25
80	MP3B	Z	-2.315	.25
81	MP3B	Mx	.001	.25
82	MP3C	X	1.644	.25
83	MP3C	Z	-2.847	.25
84	MP3C	Mx	-.001	.25
85	MP4A	X	4.379	.25
86	MP4A	Z	-7.585	.25
87	MP4A	Mx	-.002	.25
88	MP4A	X	4.379	3.75
89	MP4A	Z	-7.585	3.75
90	MP4A	Mx	-.002	3.75
91	MP4B	X	3.267	.25
92	MP4B	Z	-5.658	.25
93	MP4B	Mx	.003	.25
94	MP4B	X	3.267	3.75
95	MP4B	Z	-5.658	3.75
96	MP4B	Mx	.003	3.75
97	MP4C	X	4.016	.25
98	MP4C	Z	-6.956	.25
99	MP4C	Mx	-.003	.25
100	MP4C	X	4.016	3.75
101	MP4C	Z	-6.956	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP4C	Mx	-.003	3.75
103	MP2B	X	.598	4
104	MP2B	Z	-1.035	4
105	MP2B	Mx	-.000518	4
106	MP2C	X	.891	4
107	MP2C	Z	-1.544	4
108	MP2C	Mx	.000573	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.639	.5
2	MP2A	Z	-4.41	.5
3	MP2A	Mx	-.007	.5
4	MP2A	X	7.639	3.5
5	MP2A	Z	-4.41	3.5
6	MP2A	Mx	-.007	3.5
7	MP2B	X	6.756	.5
8	MP2B	Z	-3.901	.5
9	MP2B	Mx	.004	.5
10	MP2B	X	6.756	3.5
11	MP2B	Z	-3.901	3.5
12	MP2B	Mx	.004	3.5
13	MP2C	X	10.18	.5
14	MP2C	Z	-5.878	.5
15	MP2C	Mx	.007	.5
16	MP2C	X	10.18	3.5
17	MP2C	Z	-5.878	3.5
18	MP2C	Mx	.007	3.5
19	MP2A	X	7.639	.5
20	MP2A	Z	-4.41	.5
21	MP2A	Mx	-.00088	.5
22	MP2A	X	7.639	3.5
23	MP2A	Z	-4.41	3.5
24	MP2A	Mx	-.00088	3.5
25	MP2B	X	6.756	.5
26	MP2B	Z	-3.901	.5
27	MP2B	Mx	.004	.5
28	MP2B	X	6.756	3.5
29	MP2B	Z	-3.901	3.5
30	MP2B	Mx	.004	3.5
31	MP2C	X	10.18	.5
32	MP2C	Z	-5.878	.5
33	MP2C	Mx	-.009	.5
34	MP2C	X	10.18	3.5
35	MP2C	Z	-5.878	3.5
36	MP2C	Mx	-.009	3.5
37	MP3A	X	2.25	1
38	MP3A	Z	-1.299	1
39	MP3A	Mx	-.001	1
40	MP3A	X	2.25	3
41	MP3A	Z	-1.299	3
42	MP3A	Mx	-.001	3
43	MP3B	X	1.524	1
44	MP3B	Z	-.88	1
45	MP3B	Mx	.00088	1
46	MP3B	X	1.524	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP3B	Z	-.88	3
48	MP3B	Mx	.00088	3
49	MP3C	X	4.339	1
50	MP3C	Z	-2.505	1
51	MP3C	Mx	-.000435	1
52	MP3C	X	4.339	3
53	MP3C	Z	-2.505	3
54	MP3C	Mx	-.000435	3
55	MP2A	X	.643	3
56	MP2A	Z	-.371	3
57	MP2A	Mx	-.000322	3
58	MP2B	X	.578	3
59	MP2B	Z	-.334	3
60	MP2B	Mx	.000334	3
61	MP2C	X	.828	3
62	MP2C	Z	-.478	3
63	MP2C	Mx	-8.3e-5	3
64	M101	X	6.73	.75
65	M101	Z	-3.886	.75
66	M101	Mx	0	.75
67	MP2A	X	2.637	.25
68	MP2A	Z	-1.522	.25
69	MP2A	Mx	-.001	.25
70	MP2B	X	2.349	.25
71	MP2B	Z	-1.356	.25
72	MP2B	Mx	.001	.25
73	MP2C	X	3.466	.25
74	MP2C	Z	-2.001	.25
75	MP2C	Mx	-.000347	.25
76	MP3A	X	2.315	.25
77	MP3A	Z	-1.336	.25
78	MP3A	Mx	-.001	.25
79	MP3B	X	1.92	.25
80	MP3B	Z	-1.108	.25
81	MP3B	Mx	.001	.25
82	MP3C	X	3.453	.25
83	MP3C	Z	-1.993	.25
84	MP3C	Mx	-.000346	.25
85	MP4A	X	5.658	.25
86	MP4A	Z	-3.267	.25
87	MP4A	Mx	-.003	.25
88	MP4A	X	5.658	3.75
89	MP4A	Z	-3.267	3.75
90	MP4A	Mx	-.003	3.75
91	MP4B	X	4.695	.25
92	MP4B	Z	-2.711	.25
93	MP4B	Mx	.003	.25
94	MP4B	X	4.695	3.75
95	MP4B	Z	-2.711	3.75
96	MP4B	Mx	.003	3.75
97	MP4C	X	8.432	.25
98	MP4C	Z	-4.868	.25
99	MP4C	Mx	-.000845	.25
100	MP4C	X	8.432	3.75
101	MP4C	Z	-4.868	3.75
102	MP4C	Mx	-.000845	3.75
103	MP2B	X	.658	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
104	MP2B	Z	-.38	4
105	MP2B	Mx	-.00038	4
106	MP2C	X	2.122	4
107	MP2C	Z	-1.225	4
108	MP2C	Mx	.000213	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.802	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.004	.5
4	MP2A	X	7.802	3.5
5	MP2A	Z	0	3.5
6	MP2A	Mx	-.004	3.5
7	MP2B	X	8.821	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.000879	.5
10	MP2B	X	8.821	3.5
11	MP2B	Z	0	3.5
12	MP2B	Mx	.000879	3.5
13	MP2C	X	11.401	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.009	.5
16	MP2C	X	11.401	3.5
17	MP2C	Z	0	3.5
18	MP2C	Mx	.009	3.5
19	MP2A	X	7.802	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.004	.5
22	MP2A	X	7.802	3.5
23	MP2A	Z	0	3.5
24	MP2A	Mx	-.004	3.5
25	MP2B	X	8.821	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.007	.5
28	MP2B	X	8.821	3.5
29	MP2B	Z	0	3.5
30	MP2B	Mx	.007	3.5
31	MP2C	X	11.401	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.005	.5
34	MP2C	X	11.401	3.5
35	MP2C	Z	0	3.5
36	MP2C	Mx	-.005	3.5
37	MP3A	X	1.76	1
38	MP3A	Z	0	1
39	MP3A	Mx	-.00088	1
40	MP3A	X	1.76	3
41	MP3A	Z	0	3
42	MP3A	Mx	-.00088	3
43	MP3B	X	2.598	1
44	MP3B	Z	0	1
45	MP3B	Mx	.001	1
46	MP3B	X	2.598	3
47	MP3B	Z	0	3
48	MP3B	Mx	.001	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3C	X	4.719	1
50	MP3C	Z	0	1
51	MP3C	Mx	.000807	1
52	MP3C	X	4.719	3
53	MP3C	Z	0	3
54	MP3C	Mx	.000807	3
55	MP2A	X	.668	3
56	MP2A	Z	0	3
57	MP2A	Mx	-.000334	3
58	MP2B	X	.742	3
59	MP2B	Z	0	3
60	MP2B	Mx	.000321	3
61	MP2C	X	.93	3
62	MP2C	Z	0	3
63	MP2C	Mx	.000159	3
64	M101	X	8.267	.75
65	M101	Z	0	.75
66	M101	Mx	0	.75
67	MP2A	X	2.712	.25
68	MP2A	Z	0	.25
69	MP2A	Mx	-.001	.25
70	MP2B	X	3.045	.25
71	MP2B	Z	0	.25
72	MP2B	Mx	.001	.25
73	MP2C	X	3.886	.25
74	MP2C	Z	0	.25
75	MP2C	Mx	.000665	.25
76	MP3A	X	2.217	.25
77	MP3A	Z	0	.25
78	MP3A	Mx	-.001	.25
79	MP3B	X	2.673	.25
80	MP3B	Z	0	.25
81	MP3B	Mx	.001	.25
82	MP3C	X	3.828	.25
83	MP3C	Z	0	.25
84	MP3C	Mx	.000655	.25
85	MP4A	X	5.422	.25
86	MP4A	Z	0	.25
87	MP4A	Mx	-.003	.25
88	MP4A	X	5.422	3.75
89	MP4A	Z	0	3.75
90	MP4A	Mx	-.003	3.75
91	MP4B	X	6.534	.25
92	MP4B	Z	0	.25
93	MP4B	Mx	.003	.25
94	MP4B	X	6.534	3.75
95	MP4B	Z	0	3.75
96	MP4B	Mx	.003	3.75
97	MP4C	X	9.35	.25
98	MP4C	Z	0	.25
99	MP4C	Mx	.002	.25
100	MP4C	X	9.35	3.75
101	MP4C	Z	0	3.75
102	MP4C	Mx	.002	3.75
103	MP2B	X	1.195	4
104	MP2B	Z	0	4
105	MP2B	Mx	-.000517	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP2C	X	2.299	4
107	MP2C	Z	0	4
108	MP2C	Mx	-.000393	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.639	.5
2	MP2A	Z	4.41	.5
3	MP2A	Mx	-.00088	.5
4	MP2A	X	7.639	3.5
5	MP2A	Z	4.41	3.5
6	MP2A	Mx	-.00088	3.5
7	MP2B	X	9.404	.5
8	MP2B	Z	5.43	.5
9	MP2B	Mx	-.004	.5
10	MP2B	X	9.404	3.5
11	MP2B	Z	5.43	3.5
12	MP2B	Mx	-.004	3.5
13	MP2C	X	8.215	.5
14	MP2C	Z	4.743	.5
15	MP2C	Mx	.008	.5
16	MP2C	X	8.215	3.5
17	MP2C	Z	4.743	3.5
18	MP2C	Mx	.008	3.5
19	MP2A	X	7.639	.5
20	MP2A	Z	4.41	.5
21	MP2A	Mx	-.007	.5
22	MP2A	X	7.639	3.5
23	MP2A	Z	4.41	3.5
24	MP2A	Mx	-.007	3.5
25	MP2B	X	9.404	.5
26	MP2B	Z	5.43	.5
27	MP2B	Mx	.009	.5
28	MP2B	X	9.404	3.5
29	MP2B	Z	5.43	3.5
30	MP2B	Mx	.009	3.5
31	MP2C	X	8.215	.5
32	MP2C	Z	4.743	.5
33	MP2C	Mx	-.000432	.5
34	MP2C	X	8.215	3.5
35	MP2C	Z	4.743	3.5
36	MP2C	Mx	-.000432	3.5
37	MP3A	X	2.25	1
38	MP3A	Z	1.299	1
39	MP3A	Mx	-.001	1
40	MP3A	X	2.25	3
41	MP3A	Z	1.299	3
42	MP3A	Mx	-.001	3
43	MP3B	X	3.701	1
44	MP3B	Z	2.137	1
45	MP3B	Mx	.001	1
46	MP3B	X	3.701	3
47	MP3B	Z	2.137	3
48	MP3B	Mx	.001	3
49	MP3C	X	2.723	1
50	MP3C	Z	1.572	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3C	Mx	.001	1
52	MP3C	X	2.723	3
53	MP3C	Z	1.572	3
54	MP3C	Mx	.001	3
55	MP2A	X	.643	3
56	MP2A	Z	.371	3
57	MP2A	Mx	-.000322	3
58	MP2B	X	.771	3
59	MP2B	Z	.445	3
60	MP2B	Mx	.000223	3
61	MP2C	X	.685	3
62	MP2C	Z	.395	3
63	MP2C	Mx	.000303	3
64	M101	X	6.73	.75
65	M101	Z	3.886	.75
66	M101	Mx	0	.75
67	MP2A	X	2.637	.25
68	MP2A	Z	1.522	.25
69	MP2A	Mx	-.001	.25
70	MP2B	X	3.213	.25
71	MP2B	Z	1.855	.25
72	MP2B	Mx	.000928	.25
73	MP2C	X	2.825	.25
74	MP2C	Z	1.631	.25
75	MP2C	Mx	.001	.25
76	MP3A	X	2.315	.25
77	MP3A	Z	1.336	.25
78	MP3A	Mx	-.001	.25
79	MP3B	X	3.105	.25
80	MP3B	Z	1.793	.25
81	MP3B	Mx	.000896	.25
82	MP3C	X	2.573	.25
83	MP3C	Z	1.485	.25
84	MP3C	Mx	.001	.25
85	MP4A	X	5.658	.25
86	MP4A	Z	3.267	.25
87	MP4A	Mx	-.003	.25
88	MP4A	X	5.658	3.75
89	MP4A	Z	3.267	3.75
90	MP4A	Mx	-.003	3.75
91	MP4B	X	7.585	.25
92	MP4B	Z	4.379	.25
93	MP4B	Mx	.002	.25
94	MP4B	X	7.585	3.75
95	MP4B	Z	4.379	3.75
96	MP4B	Mx	.002	3.75
97	MP4C	X	6.287	.25
98	MP4C	Z	3.63	.25
99	MP4C	Mx	.003	.25
100	MP4C	X	6.287	3.75
101	MP4C	Z	3.63	3.75
102	MP4C	Mx	.003	3.75
103	MP2B	X	1.79	4
104	MP2B	Z	1.034	4
105	MP2B	Mx	-.000517	4
106	MP2C	X	1.282	4
107	MP2C	Z	.74	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP2C	Mx	-.000567	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.43	.5
2	MP2A	Z	9.404	.5
3	MP2A	Mx	.004	.5
4	MP2A	X	5.43	3.5
5	MP2A	Z	9.404	3.5
6	MP2A	Mx	.004	3.5
7	MP2B	X	5.939	.5
8	MP2B	Z	10.287	.5
9	MP2B	Mx	-.008	.5
10	MP2B	X	5.939	3.5
11	MP2B	Z	10.287	3.5
12	MP2B	Mx	-.008	3.5
13	MP2C	X	3.962	.5
14	MP2C	Z	6.863	.5
15	MP2C	Mx	.005	.5
16	MP2C	X	3.962	3.5
17	MP2C	Z	6.863	3.5
18	MP2C	Mx	.005	3.5
19	MP2A	X	5.43	.5
20	MP2A	Z	9.404	.5
21	MP2A	Mx	-.009	.5
22	MP2A	X	5.43	3.5
23	MP2A	Z	9.404	3.5
24	MP2A	Mx	-.009	3.5
25	MP2B	X	5.939	.5
26	MP2B	Z	10.287	.5
27	MP2B	Mx	.008	.5
28	MP2B	X	5.939	3.5
29	MP2B	Z	10.287	3.5
30	MP2B	Mx	.008	3.5
31	MP2C	X	3.962	.5
32	MP2C	Z	6.863	.5
33	MP2C	Mx	.003	.5
34	MP2C	X	3.962	3.5
35	MP2C	Z	6.863	3.5
36	MP2C	Mx	.003	3.5
37	MP3A	X	2.137	1
38	MP3A	Z	3.701	1
39	MP3A	Mx	-.001	1
40	MP3A	X	2.137	3
41	MP3A	Z	3.701	3
42	MP3A	Mx	-.001	3
43	MP3B	X	2.556	1
44	MP3B	Z	4.426	1
45	MP3B	Mx	0	1
46	MP3B	X	2.556	3
47	MP3B	Z	4.426	3
48	MP3B	Mx	0	3
49	MP3C	X	.931	1
50	MP3C	Z	1.612	1
51	MP3C	Mx	.000917	1
52	MP3C	X	.931	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	1.612	3
54	MP3C	Mx	.000917	3
55	MP2A	X	.445	3
56	MP2A	Z	.771	3
57	MP2A	Mx	-.000222	3
58	MP2B	X	.482	3
59	MP2B	Z	.836	3
60	MP2B	Mx	0	3
61	MP2C	X	.338	3
62	MP2C	Z	.586	3
63	MP2C	Mx	.000333	3
64	M101	X	3.39	.75
65	M101	Z	5.872	.75
66	M101	Mx	0	.75
67	MP2A	X	1.855	.25
68	MP2A	Z	3.213	.25
69	MP2A	Mx	-.000927	.25
70	MP2B	X	2.021	.25
71	MP2B	Z	3.5	.25
72	MP2B	Mx	0	.25
73	MP2C	X	1.376	.25
74	MP2C	Z	2.383	.25
75	MP2C	Mx	.001	.25
76	MP3A	X	1.793	.25
77	MP3A	Z	3.105	.25
78	MP3A	Mx	-.000896	.25
79	MP3B	X	2.021	.25
80	MP3B	Z	3.5	.25
81	MP3B	Mx	0	.25
82	MP3C	X	1.136	.25
83	MP3C	Z	1.967	.25
84	MP3C	Mx	.001	.25
85	MP4A	X	4.379	.25
86	MP4A	Z	7.585	.25
87	MP4A	Mx	-.002	.25
88	MP4A	X	4.379	3.75
89	MP4A	Z	7.585	3.75
90	MP4A	Mx	-.002	3.75
91	MP4B	X	4.935	.25
92	MP4B	Z	8.548	.25
93	MP4B	Mx	0	.25
94	MP4B	X	4.935	3.75
95	MP4B	Z	8.548	3.75
96	MP4B	Mx	0	3.75
97	MP4C	X	2.778	.25
98	MP4C	Z	4.811	.25
99	MP4C	Mx	.003	.25
100	MP4C	X	2.778	3.75
101	MP4C	Z	4.811	3.75
102	MP4C	Mx	.003	3.75
103	MP2B	X	1.252	4
104	MP2B	Z	2.168	4
105	MP2B	Mx	0	4
106	MP2C	X	.406	4
107	MP2C	Z	.703	4
108	MP2C	Mx	-.0004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	11.878	.5
3	MP2A	Mx	.008	.5
4	MP2A	X	0	3.5
5	MP2A	Z	11.878	3.5
6	MP2A	Mx	.008	3.5
7	MP2B	X	0	.5
8	MP2B	Z	10.859	.5
9	MP2B	Mx	-.009	.5
10	MP2B	X	0	3.5
11	MP2B	Z	10.859	3.5
12	MP2B	Mx	-.009	3.5
13	MP2C	X	0	.5
14	MP2C	Z	8.278	.5
15	MP2C	Mx	.002	.5
16	MP2C	X	0	3.5
17	MP2C	Z	8.278	3.5
18	MP2C	Mx	.002	3.5
19	MP2A	X	0	.5
20	MP2A	Z	11.878	.5
21	MP2A	Mx	-.008	.5
22	MP2A	X	0	3.5
23	MP2A	Z	11.878	3.5
24	MP2A	Mx	-.008	3.5
25	MP2B	X	0	.5
26	MP2B	Z	10.859	.5
27	MP2B	Mx	.004	.5
28	MP2B	X	0	3.5
29	MP2B	Z	10.859	3.5
30	MP2B	Mx	.004	3.5
31	MP2C	X	0	.5
32	MP2C	Z	8.278	.5
33	MP2C	Mx	.006	.5
34	MP2C	X	0	3.5
35	MP2C	Z	8.278	3.5
36	MP2C	Mx	.006	3.5
37	MP3A	X	0	1
38	MP3A	Z	5.111	1
39	MP3A	Mx	0	1
40	MP3A	X	0	3
41	MP3A	Z	5.111	3
42	MP3A	Mx	0	3
43	MP3B	X	0	1
44	MP3B	Z	4.273	1
45	MP3B	Mx	-.001	1
46	MP3B	X	0	3
47	MP3B	Z	4.273	3
48	MP3B	Mx	-.001	3
49	MP3C	X	0	1
50	MP3C	Z	2.152	1
51	MP3C	Mx	.001	1
52	MP3C	X	0	3
53	MP3C	Z	2.152	3
54	MP3C	Mx	.001	3
55	MP2A	X	0	3
56	MP2A	Z	.965	3
57	MP2A	Mx	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	0	3
59	MP2B	Z	.891	3
60	MP2B	Mx	-.000223	3
61	MP2C	X	0	3
62	MP2C	Z	.702	3
63	MP2C	Mx	.00033	3
64	M101	X	0	.75
65	M101	Z	6.285	.75
66	M101	Mx	0	.75
67	MP2A	X	0	.25
68	MP2A	Z	4.042	.25
69	MP2A	Mx	0	.25
70	MP2B	X	0	.25
71	MP2B	Z	3.71	.25
72	MP2B	Mx	-.000927	.25
73	MP2C	X	0	.25
74	MP2C	Z	2.868	.25
75	MP2C	Mx	.001	.25
76	MP3A	X	0	.25
77	MP3A	Z	4.042	.25
78	MP3A	Mx	0	.25
79	MP3B	X	0	.25
80	MP3B	Z	3.586	.25
81	MP3B	Mx	-.000896	.25
82	MP3C	X	0	.25
83	MP3C	Z	2.43	.25
84	MP3C	Mx	.001	.25
85	MP4A	X	0	.25
86	MP4A	Z	9.87	.25
87	MP4A	Mx	0	.25
88	MP4A	X	0	3.75
89	MP4A	Z	9.87	3.75
90	MP4A	Mx	0	3.75
91	MP4B	X	0	.25
92	MP4B	Z	8.758	.25
93	MP4B	Mx	-.002	.25
94	MP4B	X	0	3.75
95	MP4B	Z	8.758	3.75
96	MP4B	Mx	-.002	3.75
97	MP4C	X	0	.25
98	MP4C	Z	5.942	.25
99	MP4C	Mx	.003	.25
100	MP4C	X	0	3.75
101	MP4C	Z	5.942	3.75
102	MP4C	Mx	.003	3.75
103	MP2B	X	0	4
104	MP2B	Z	2.067	4
105	MP2B	Mx	.000517	4
106	MP2C	X	0	4
107	MP2C	Z	.963	4
108	MP2C	Mx	-.000452	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.43	.5
2	MP2A	Z	9.404	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP2A	Mx	.009	.5
4	MP2A	X	-5.43	3.5
5	MP2A	Z	9.404	3.5
6	MP2A	Mx	.009	3.5
7	MP2B	X	-4.41	.5
8	MP2B	Z	7.639	.5
9	MP2B	Mx	-.007	.5
10	MP2B	X	-4.41	3.5
11	MP2B	Z	7.639	3.5
12	MP2B	Mx	-.007	3.5
13	MP2C	X	-5.097	.5
14	MP2C	Z	8.828	.5
15	MP2C	Mx	-.002	.5
16	MP2C	X	-5.097	3.5
17	MP2C	Z	8.828	3.5
18	MP2C	Mx	-.002	3.5
19	MP2A	X	-5.43	.5
20	MP2A	Z	9.404	.5
21	MP2A	Mx	-.004	.5
22	MP2A	X	-5.43	3.5
23	MP2A	Z	9.404	3.5
24	MP2A	Mx	-.004	3.5
25	MP2B	X	-4.41	.5
26	MP2B	Z	7.639	.5
27	MP2B	Mx	-.000879	.5
28	MP2B	X	-4.41	3.5
29	MP2B	Z	7.639	3.5
30	MP2B	Mx	-.000879	3.5
31	MP2C	X	-5.097	.5
32	MP2C	Z	8.828	.5
33	MP2C	Mx	.008	.5
34	MP2C	X	-5.097	3.5
35	MP2C	Z	8.828	3.5
36	MP2C	Mx	.008	3.5
37	MP3A	X	-2.137	1
38	MP3A	Z	3.701	1
39	MP3A	Mx	.001	1
40	MP3A	X	-2.137	3
41	MP3A	Z	3.701	3
42	MP3A	Mx	.001	3
43	MP3B	X	-1.299	1
44	MP3B	Z	2.25	1
45	MP3B	Mx	-.001	1
46	MP3B	X	-1.299	3
47	MP3B	Z	2.25	3
48	MP3B	Mx	-.001	3
49	MP3C	X	-1.863	1
50	MP3C	Z	3.227	1
51	MP3C	Mx	.001	1
52	MP3C	X	-1.863	3
53	MP3C	Z	3.227	3
54	MP3C	Mx	.001	3
55	MP2A	X	-.445	3
56	MP2A	Z	.771	3
57	MP2A	Mx	.000222	3
58	MP2B	X	-.371	3
59	MP2B	Z	.643	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP2B	Mx	-.000321	3
61	MP2C	X	-.421	3
62	MP2C	Z	.729	3
63	MP2C	Mx	.000271	3
64	M101	X	-3.39	.75
65	M101	Z	5.872	.75
66	M101	Mx	0	.75
67	MP2A	X	-1.855	.25
68	MP2A	Z	3.213	.25
69	MP2A	Mx	.000927	.25
70	MP2B	X	-1.522	.25
71	MP2B	Z	2.637	.25
72	MP2B	Mx	-.001	.25
73	MP2C	X	-1.746	.25
74	MP2C	Z	3.025	.25
75	MP2C	Mx	.001	.25
76	MP3A	X	-1.793	.25
77	MP3A	Z	3.105	.25
78	MP3A	Mx	.000896	.25
79	MP3B	X	-1.336	.25
80	MP3B	Z	2.315	.25
81	MP3B	Mx	-.001	.25
82	MP3C	X	-1.644	.25
83	MP3C	Z	2.847	.25
84	MP3C	Mx	.001	.25
85	MP4A	X	-4.379	.25
86	MP4A	Z	7.585	.25
87	MP4A	Mx	.002	.25
88	MP4A	X	-4.379	3.75
89	MP4A	Z	7.585	3.75
90	MP4A	Mx	.002	3.75
91	MP4B	X	-3.267	.25
92	MP4B	Z	5.658	.25
93	MP4B	Mx	-.003	.25
94	MP4B	X	-3.267	3.75
95	MP4B	Z	5.658	3.75
96	MP4B	Mx	-.003	3.75
97	MP4C	X	-4.016	.25
98	MP4C	Z	6.956	.25
99	MP4C	Mx	.003	.25
100	MP4C	X	-4.016	3.75
101	MP4C	Z	6.956	3.75
102	MP4C	Mx	.003	3.75
103	MP2B	X	-.598	4
104	MP2B	Z	1.035	4
105	MP2B	Mx	.000518	4
106	MP2C	X	-.891	4
107	MP2C	Z	1.544	4
108	MP2C	Mx	-.000573	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.639	.5
2	MP2A	Z	4.41	.5
3	MP2A	Mx	.007	.5
4	MP2A	X	-7.639	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP2A	Z	4.41	3.5
6	MP2A	Mx	.007	3.5
7	MP2B	X	-6.756	.5
8	MP2B	Z	3.901	.5
9	MP2B	Mx	-.004	.5
10	MP2B	X	-6.756	3.5
11	MP2B	Z	3.901	3.5
12	MP2B	Mx	-.004	3.5
13	MP2C	X	-10.18	.5
14	MP2C	Z	5.878	.5
15	MP2C	Mx	-.007	.5
16	MP2C	X	-10.18	3.5
17	MP2C	Z	5.878	3.5
18	MP2C	Mx	-.007	3.5
19	MP2A	X	-7.639	.5
20	MP2A	Z	4.41	.5
21	MP2A	Mx	.00088	.5
22	MP2A	X	-7.639	3.5
23	MP2A	Z	4.41	3.5
24	MP2A	Mx	.00088	3.5
25	MP2B	X	-6.756	.5
26	MP2B	Z	3.901	.5
27	MP2B	Mx	-.004	.5
28	MP2B	X	-6.756	3.5
29	MP2B	Z	3.901	3.5
30	MP2B	Mx	-.004	3.5
31	MP2C	X	-10.18	.5
32	MP2C	Z	5.878	.5
33	MP2C	Mx	.009	.5
34	MP2C	X	-10.18	3.5
35	MP2C	Z	5.878	3.5
36	MP2C	Mx	.009	3.5
37	MP3A	X	-2.25	1
38	MP3A	Z	1.299	1
39	MP3A	Mx	.001	1
40	MP3A	X	-2.25	3
41	MP3A	Z	1.299	3
42	MP3A	Mx	.001	3
43	MP3B	X	-1.524	1
44	MP3B	Z	.88	1
45	MP3B	Mx	-.00088	1
46	MP3B	X	-1.524	3
47	MP3B	Z	.88	3
48	MP3B	Mx	-.00088	3
49	MP3C	X	-4.339	1
50	MP3C	Z	2.505	1
51	MP3C	Mx	.000435	1
52	MP3C	X	-4.339	3
53	MP3C	Z	2.505	3
54	MP3C	Mx	.000435	3
55	MP2A	X	-.643	3
56	MP2A	Z	.371	3
57	MP2A	Mx	.000322	3
58	MP2B	X	-.578	3
59	MP2B	Z	.334	3
60	MP2B	Mx	-.000334	3
61	MP2C	X	-.828	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP2C	Z	.478	3
63	MP2C	Mx	8.3e-5	3
64	M101	X	-6.73	.75
65	M101	Z	3.886	.75
66	M101	Mx	0	.75
67	MP2A	X	-2.637	.25
68	MP2A	Z	1.522	.25
69	MP2A	Mx	.001	.25
70	MP2B	X	-2.349	.25
71	MP2B	Z	1.356	.25
72	MP2B	Mx	-.001	.25
73	MP2C	X	-3.466	.25
74	MP2C	Z	2.001	.25
75	MP2C	Mx	.000347	.25
76	MP3A	X	-2.315	.25
77	MP3A	Z	1.336	.25
78	MP3A	Mx	.001	.25
79	MP3B	X	-1.92	.25
80	MP3B	Z	1.108	.25
81	MP3B	Mx	-.001	.25
82	MP3C	X	-3.453	.25
83	MP3C	Z	1.993	.25
84	MP3C	Mx	.000346	.25
85	MP4A	X	-5.658	.25
86	MP4A	Z	3.267	.25
87	MP4A	Mx	.003	.25
88	MP4A	X	-5.658	3.75
89	MP4A	Z	3.267	3.75
90	MP4A	Mx	.003	3.75
91	MP4B	X	-4.695	.25
92	MP4B	Z	2.711	.25
93	MP4B	Mx	-.003	.25
94	MP4B	X	-4.695	3.75
95	MP4B	Z	2.711	3.75
96	MP4B	Mx	-.003	3.75
97	MP4C	X	-8.432	.25
98	MP4C	Z	4.868	.25
99	MP4C	Mx	.000845	.25
100	MP4C	X	-8.432	3.75
101	MP4C	Z	4.868	3.75
102	MP4C	Mx	.000845	3.75
103	MP2B	X	-.658	4
104	MP2B	Z	.38	4
105	MP2B	Mx	.00038	4
106	MP2C	X	-2.122	4
107	MP2C	Z	1.225	4
108	MP2C	Mx	-.000213	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.802	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.004	.5
4	MP2A	X	-7.802	3.5
5	MP2A	Z	0	3.5
6	MP2A	Mx	.004	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP2B	X	-8.821	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.000879	.5
10	MP2B	X	-8.821	3.5
11	MP2B	Z	0	3.5
12	MP2B	Mx	-.000879	3.5
13	MP2C	X	-11.401	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.009	.5
16	MP2C	X	-11.401	3.5
17	MP2C	Z	0	3.5
18	MP2C	Mx	-.009	3.5
19	MP2A	X	-7.802	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.004	.5
22	MP2A	X	-7.802	3.5
23	MP2A	Z	0	3.5
24	MP2A	Mx	.004	3.5
25	MP2B	X	-8.821	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.007	.5
28	MP2B	X	-8.821	3.5
29	MP2B	Z	0	3.5
30	MP2B	Mx	-.007	3.5
31	MP2C	X	-11.401	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.005	.5
34	MP2C	X	-11.401	3.5
35	MP2C	Z	0	3.5
36	MP2C	Mx	.005	3.5
37	MP3A	X	-1.76	1
38	MP3A	Z	0	1
39	MP3A	Mx	.00088	1
40	MP3A	X	-1.76	3
41	MP3A	Z	0	3
42	MP3A	Mx	.00088	3
43	MP3B	X	-2.598	1
44	MP3B	Z	0	1
45	MP3B	Mx	-.001	1
46	MP3B	X	-2.598	3
47	MP3B	Z	0	3
48	MP3B	Mx	-.001	3
49	MP3C	X	-4.719	1
50	MP3C	Z	0	1
51	MP3C	Mx	-.000807	1
52	MP3C	X	-4.719	3
53	MP3C	Z	0	3
54	MP3C	Mx	-.000807	3
55	MP2A	X	-.668	3
56	MP2A	Z	0	3
57	MP2A	Mx	.000334	3
58	MP2B	X	-.742	3
59	MP2B	Z	0	3
60	MP2B	Mx	-.000321	3
61	MP2C	X	-.93	3
62	MP2C	Z	0	3
63	MP2C	Mx	-.000159	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	M101	X	-8.267	.75
65	M101	Z	0	.75
66	M101	Mx	0	.75
67	MP2A	X	-2.712	.25
68	MP2A	Z	0	.25
69	MP2A	Mx	.001	.25
70	MP2B	X	-3.045	.25
71	MP2B	Z	0	.25
72	MP2B	Mx	-.001	.25
73	MP2C	X	-3.886	.25
74	MP2C	Z	0	.25
75	MP2C	Mx	-.000665	.25
76	MP3A	X	-2.217	.25
77	MP3A	Z	0	.25
78	MP3A	Mx	.001	.25
79	MP3B	X	-2.673	.25
80	MP3B	Z	0	.25
81	MP3B	Mx	-.001	.25
82	MP3C	X	-3.828	.25
83	MP3C	Z	0	.25
84	MP3C	Mx	-.000655	.25
85	MP4A	X	-5.422	.25
86	MP4A	Z	0	.25
87	MP4A	Mx	.003	.25
88	MP4A	X	-5.422	3.75
89	MP4A	Z	0	3.75
90	MP4A	Mx	.003	3.75
91	MP4B	X	-6.534	.25
92	MP4B	Z	0	.25
93	MP4B	Mx	-.003	.25
94	MP4B	X	-6.534	3.75
95	MP4B	Z	0	3.75
96	MP4B	Mx	-.003	3.75
97	MP4C	X	-9.35	.25
98	MP4C	Z	0	.25
99	MP4C	Mx	-.002	.25
100	MP4C	X	-9.35	3.75
101	MP4C	Z	0	3.75
102	MP4C	Mx	-.002	3.75
103	MP2B	X	-1.195	4
104	MP2B	Z	0	4
105	MP2B	Mx	.000517	4
106	MP2C	X	-2.299	4
107	MP2C	Z	0	4
108	MP2C	Mx	.000393	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.639	.5
2	MP2A	Z	-4.41	.5
3	MP2A	Mx	.00088	.5
4	MP2A	X	-7.639	3.5
5	MP2A	Z	-4.41	3.5
6	MP2A	Mx	.00088	3.5
7	MP2B	X	-9.404	.5
8	MP2B	Z	-5.43	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	.004	.5
10	MP2B	X	-9.404	3.5
11	MP2B	Z	-5.43	3.5
12	MP2B	Mx	.004	3.5
13	MP2C	X	-8.215	.5
14	MP2C	Z	-4.743	.5
15	MP2C	Mx	-.008	.5
16	MP2C	X	-8.215	3.5
17	MP2C	Z	-4.743	3.5
18	MP2C	Mx	-.008	3.5
19	MP2A	X	-7.639	.5
20	MP2A	Z	-4.41	.5
21	MP2A	Mx	.007	.5
22	MP2A	X	-7.639	3.5
23	MP2A	Z	-4.41	3.5
24	MP2A	Mx	.007	3.5
25	MP2B	X	-9.404	.5
26	MP2B	Z	-5.43	.5
27	MP2B	Mx	-.009	.5
28	MP2B	X	-9.404	3.5
29	MP2B	Z	-5.43	3.5
30	MP2B	Mx	-.009	3.5
31	MP2C	X	-8.215	.5
32	MP2C	Z	-4.743	.5
33	MP2C	Mx	.000432	.5
34	MP2C	X	-8.215	3.5
35	MP2C	Z	-4.743	3.5
36	MP2C	Mx	.000432	3.5
37	MP3A	X	-2.25	1
38	MP3A	Z	-1.299	1
39	MP3A	Mx	.001	1
40	MP3A	X	-2.25	3
41	MP3A	Z	-1.299	3
42	MP3A	Mx	.001	3
43	MP3B	X	-3.701	1
44	MP3B	Z	-2.137	1
45	MP3B	Mx	-.001	1
46	MP3B	X	-3.701	3
47	MP3B	Z	-2.137	3
48	MP3B	Mx	-.001	3
49	MP3C	X	-2.723	1
50	MP3C	Z	-1.572	1
51	MP3C	Mx	-.001	1
52	MP3C	X	-2.723	3
53	MP3C	Z	-1.572	3
54	MP3C	Mx	-.001	3
55	MP2A	X	-.643	3
56	MP2A	Z	-.371	3
57	MP2A	Mx	.000322	3
58	MP2B	X	-.771	3
59	MP2B	Z	-.445	3
60	MP2B	Mx	-.000223	3
61	MP2C	X	-.685	3
62	MP2C	Z	-.395	3
63	MP2C	Mx	-.000303	3
64	M101	X	-6.73	.75
65	M101	Z	-3.886	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	M101	Mx	0	.75
67	MP2A	X	-2.637	.25
68	MP2A	Z	-1.522	.25
69	MP2A	Mx	.001	.25
70	MP2B	X	-3.213	.25
71	MP2B	Z	-1.855	.25
72	MP2B	Mx	-.000928	.25
73	MP2C	X	-2.825	.25
74	MP2C	Z	-1.631	.25
75	MP2C	Mx	-.001	.25
76	MP3A	X	-2.315	.25
77	MP3A	Z	-1.336	.25
78	MP3A	Mx	.001	.25
79	MP3B	X	-3.105	.25
80	MP3B	Z	-1.793	.25
81	MP3B	Mx	-.000896	.25
82	MP3C	X	-2.573	.25
83	MP3C	Z	-1.485	.25
84	MP3C	Mx	-.001	.25
85	MP4A	X	-5.658	.25
86	MP4A	Z	-3.267	.25
87	MP4A	Mx	.003	.25
88	MP4A	X	-5.658	3.75
89	MP4A	Z	-3.267	3.75
90	MP4A	Mx	.003	3.75
91	MP4B	X	-7.585	.25
92	MP4B	Z	-4.379	.25
93	MP4B	Mx	-.002	.25
94	MP4B	X	-7.585	3.75
95	MP4B	Z	-4.379	3.75
96	MP4B	Mx	-.002	3.75
97	MP4C	X	-6.287	.25
98	MP4C	Z	-3.63	.25
99	MP4C	Mx	-.003	.25
100	MP4C	X	-6.287	3.75
101	MP4C	Z	-3.63	3.75
102	MP4C	Mx	-.003	3.75
103	MP2B	X	-1.79	4
104	MP2B	Z	-1.034	4
105	MP2B	Mx	.000517	4
106	MP2C	X	-1.282	4
107	MP2C	Z	-.74	4
108	MP2C	Mx	.000567	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.43	.5
2	MP2A	Z	-9.404	.5
3	MP2A	Mx	-.004	.5
4	MP2A	X	-5.43	3.5
5	MP2A	Z	-9.404	3.5
6	MP2A	Mx	-.004	3.5
7	MP2B	X	-5.939	.5
8	MP2B	Z	-10.287	.5
9	MP2B	Mx	.008	.5
10	MP2B	X	-5.939	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP2B	Z	-10.287	3.5
12	MP2B	Mx	.008	3.5
13	MP2C	X	-3.962	.5
14	MP2C	Z	-6.863	.5
15	MP2C	Mx	-.005	.5
16	MP2C	X	-3.962	3.5
17	MP2C	Z	-6.863	3.5
18	MP2C	Mx	-.005	3.5
19	MP2A	X	-5.43	.5
20	MP2A	Z	-9.404	.5
21	MP2A	Mx	.009	.5
22	MP2A	X	-5.43	3.5
23	MP2A	Z	-9.404	3.5
24	MP2A	Mx	.009	3.5
25	MP2B	X	-5.939	.5
26	MP2B	Z	-10.287	.5
27	MP2B	Mx	-.008	.5
28	MP2B	X	-5.939	3.5
29	MP2B	Z	-10.287	3.5
30	MP2B	Mx	-.008	3.5
31	MP2C	X	-3.962	.5
32	MP2C	Z	-6.863	.5
33	MP2C	Mx	-.003	.5
34	MP2C	X	-3.962	3.5
35	MP2C	Z	-6.863	3.5
36	MP2C	Mx	-.003	3.5
37	MP3A	X	-2.137	1
38	MP3A	Z	-3.701	1
39	MP3A	Mx	.001	1
40	MP3A	X	-2.137	3
41	MP3A	Z	-3.701	3
42	MP3A	Mx	.001	3
43	MP3B	X	-2.556	1
44	MP3B	Z	-4.426	1
45	MP3B	Mx	0	1
46	MP3B	X	-2.556	3
47	MP3B	Z	-4.426	3
48	MP3B	Mx	0	3
49	MP3C	X	-.931	1
50	MP3C	Z	-1.612	1
51	MP3C	Mx	-.000917	1
52	MP3C	X	-.931	3
53	MP3C	Z	-1.612	3
54	MP3C	Mx	-.000917	3
55	MP2A	X	-.445	3
56	MP2A	Z	-.771	3
57	MP2A	Mx	.000222	3
58	MP2B	X	-.482	3
59	MP2B	Z	-.836	3
60	MP2B	Mx	0	3
61	MP2C	X	-.338	3
62	MP2C	Z	-.586	3
63	MP2C	Mx	-.000333	3
64	M101	X	-3.39	.75
65	M101	Z	-5.872	.75
66	M101	Mx	0	.75
67	MP2A	X	-1.855	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2A	Z	-3.213	.25
69	MP2A	Mx	.000927	.25
70	MP2B	X	-2.021	.25
71	MP2B	Z	-3.5	.25
72	MP2B	Mx	0	.25
73	MP2C	X	-1.376	.25
74	MP2C	Z	-2.383	.25
75	MP2C	Mx	-.001	.25
76	MP3A	X	-1.793	.25
77	MP3A	Z	-3.105	.25
78	MP3A	Mx	.000896	.25
79	MP3B	X	-2.021	.25
80	MP3B	Z	-3.5	.25
81	MP3B	Mx	0	.25
82	MP3C	X	-1.136	.25
83	MP3C	Z	-1.967	.25
84	MP3C	Mx	-.001	.25
85	MP4A	X	-4.379	.25
86	MP4A	Z	-7.585	.25
87	MP4A	Mx	.002	.25
88	MP4A	X	-4.379	3.75
89	MP4A	Z	-7.585	3.75
90	MP4A	Mx	.002	3.75
91	MP4B	X	-4.935	.25
92	MP4B	Z	-8.548	.25
93	MP4B	Mx	0	.25
94	MP4B	X	-4.935	3.75
95	MP4B	Z	-8.548	3.75
96	MP4B	Mx	0	3.75
97	MP4C	X	-2.778	.25
98	MP4C	Z	-4.811	.25
99	MP4C	Mx	-.003	.25
100	MP4C	X	-2.778	3.75
101	MP4C	Z	-4.811	3.75
102	MP4C	Mx	-.003	3.75
103	MP2B	X	-1.252	4
104	MP2B	Z	-2.168	4
105	MP2B	Mx	0	4
106	MP2C	X	-.406	4
107	MP2C	Z	-.703	4
108	MP2C	Mx	.0004	4

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M91B	Y	-500	%49

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M91B	Y	-500	%75

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M91B	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M91B	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-1.263	.5
2	MP2A	My	-.000631	.5
3	MP2A	Mz	.000842	.5
4	MP2A	Y	-1.263	3.5
5	MP2A	My	-.000631	3.5
6	MP2A	Mz	.000842	3.5
7	MP2B	Y	-1.263	.5
8	MP2B	My	.000126	.5
9	MP2B	Mz	-.001	.5
10	MP2B	Y	-1.263	3.5
11	MP2B	My	.000126	3.5
12	MP2B	Mz	-.001	3.5
13	MP2C	Y	-1.263	.5
14	MP2C	My	.001	.5
15	MP2C	Mz	.000305	.5
16	MP2C	Y	-1.263	3.5
17	MP2C	My	.001	3.5
18	MP2C	Mz	.000305	3.5
19	MP2A	Y	-1.263	.5
20	MP2A	My	-.000631	.5
21	MP2A	Mz	-.000842	.5
22	MP2A	Y	-1.263	3.5
23	MP2A	My	-.000631	3.5
24	MP2A	Mz	-.000842	3.5
25	MP2B	Y	-1.263	.5
26	MP2B	My	.000968	.5
27	MP2B	Mz	.000413	.5
28	MP2B	Y	-1.263	3.5
29	MP2B	My	.000968	3.5
30	MP2B	Mz	.000413	3.5
31	MP2C	Y	-1.263	.5
32	MP2C	My	-.000575	.5
33	MP2C	Mz	.000881	.5
34	MP2C	Y	-1.263	3.5
35	MP2C	My	-.000575	3.5
36	MP2C	Mz	.000881	3.5
37	MP3A	Y	-1.737	1
38	MP3A	My	-.000869	1
39	MP3A	Mz	0	1
40	MP3A	Y	-1.737	3
41	MP3A	My	-.000869	3
42	MP3A	Mz	0	3
43	MP3B	Y	-1.737	1
44	MP3B	My	.000752	1
45	MP3B	Mz	-.000434	1
46	MP3B	Y	-1.737	3
47	MP3B	My	.000752	3
48	MP3B	Mz	-.000434	3
49	MP3C	Y	-1.737	1
50	MP3C	My	.000297	1
51	MP3C	Mz	.000816	1
52	MP3C	Y	-1.737	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	My	.000297	3
54	MP3C	Mz	.000816	3
55	MP2A	Y	-.415	3
56	MP2A	My	-.000207	3
57	MP2A	Mz	0	3
58	MP2B	Y	-.415	3
59	MP2B	My	.00018	3
60	MP2B	Mz	-.000104	3
61	MP2C	Y	-.415	3
62	MP2C	My	7.1e-5	3
63	MP2C	Mz	.000195	3
64	M101	Y	-1.277	.75
65	M101	My	0	.75
66	M101	Mz	0	.75
67	MP2A	Y	-3.367	.25
68	MP2A	My	-.002	.25
69	MP2A	Mz	0	.25
70	MP2B	Y	-3.367	.25
71	MP2B	My	.001	.25
72	MP2B	Mz	-.000842	.25
73	MP2C	Y	-3.367	.25
74	MP2C	My	.000576	.25
75	MP2C	Mz	.002	.25
76	MP3A	Y	-2.805	.25
77	MP3A	My	-.001	.25
78	MP3A	Mz	0	.25
79	MP3B	Y	-2.805	.25
80	MP3B	My	.001	.25
81	MP3B	Mz	-.000701	.25
82	MP3C	Y	-2.805	.25
83	MP3C	My	.00048	.25
84	MP3C	Mz	.001	.25
85	MP4A	Y	-.339	.25
86	MP4A	My	-.00017	.25
87	MP4A	Mz	0	.25
88	MP4A	Y	-.339	3.75
89	MP4A	My	-.00017	3.75
90	MP4A	Mz	0	3.75
91	MP4B	Y	-.339	.25
92	MP4B	My	.000147	.25
93	MP4B	Mz	-8.5e-5	.25
94	MP4B	Y	-.339	3.75
95	MP4B	My	.000147	3.75
96	MP4B	Mz	-8.5e-5	3.75
97	MP4C	Y	-.339	.25
98	MP4C	My	5.8e-5	.25
99	MP4C	Mz	.000159	.25
100	MP4C	Y	-.339	3.75
101	MP4C	My	5.8e-5	3.75
102	MP4C	Mz	.000159	3.75
103	MP2B	Y	-.702	4
104	MP2B	My	-.000304	4
105	MP2B	Mz	.000176	4
106	MP2C	Y	-.702	4
107	MP2C	My	-.00012	4
108	MP2C	Mz	-.00033	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Z	-3.157	.5
2	MP2A	Mx	-.002	.5
3	MP2A	Z	-3.157	3.5
4	MP2A	Mx	-.002	3.5
5	MP2B	Z	-3.157	.5
6	MP2B	Mx	.003	.5
7	MP2B	Z	-3.157	3.5
8	MP2B	Mx	.003	3.5
9	MP2C	Z	-3.157	.5
10	MP2C	Mx	-.000763	.5
11	MP2C	Z	-3.157	3.5
12	MP2C	Mx	-.000763	3.5
13	MP2A	Z	-3.157	.5
14	MP2A	Mx	.002	.5
15	MP2A	Z	-3.157	3.5
16	MP2A	Mx	.002	3.5
17	MP2B	Z	-3.157	.5
18	MP2B	Mx	-.001	.5
19	MP2B	Z	-3.157	3.5
20	MP2B	Mx	-.001	3.5
21	MP2C	Z	-3.157	.5
22	MP2C	Mx	-.002	.5
23	MP2C	Z	-3.157	3.5
24	MP2C	Mx	-.002	3.5
25	MP3A	Z	-4.343	1
26	MP3A	Mx	0	1
27	MP3A	Z	-4.343	3
28	MP3A	Mx	0	3
29	MP3B	Z	-4.343	1
30	MP3B	Mx	.001	1
31	MP3B	Z	-4.343	3
32	MP3B	Mx	.001	3
33	MP3C	Z	-4.343	1
34	MP3C	Mx	-.002	1
35	MP3C	Z	-4.343	3
36	MP3C	Mx	-.002	3
37	MP2A	Z	-1.037	3
38	MP2A	Mx	0	3
39	MP2B	Z	-1.037	3
40	MP2B	Mx	.000259	3
41	MP2C	Z	-1.037	3
42	MP2C	Mx	-.000487	3
43	M101	Z	-3.191	.75
44	M101	Mx	0	.75
45	MP2A	Z	-8.417	.25
46	MP2A	Mx	0	.25
47	MP2B	Z	-8.417	.25
48	MP2B	Mx	.002	.25
49	MP2C	Z	-8.417	.25
50	MP2C	Mx	-.004	.25
51	MP3A	Z	-7.011	.25
52	MP3A	Mx	0	.25
53	MP3B	Z	-7.011	.25
54	MP3B	Mx	.002	.25
55	MP3C	Z	-7.011	.25
56	MP3C	Mx	-.003	.25
57	MP4A	Z	-.848	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	Mx	0	.25
59	MP4A	Z	-.848	3.75
60	MP4A	Mx	0	3.75
61	MP4B	Z	-.848	.25
62	MP4B	Mx	.000212	.25
63	MP4B	Z	-.848	3.75
64	MP4B	Mx	.000212	3.75
65	MP4C	Z	-.848	.25
66	MP4C	Mx	-.000398	.25
67	MP4C	Z	-.848	3.75
68	MP4C	Mx	-.000398	3.75
69	MP2B	Z	-1.755	4
70	MP2B	Mx	-.000439	4
71	MP2C	Z	-1.755	4
72	MP2C	Mx	.000825	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.157	.5
2	MP2A	Mx	-.002	.5
3	MP2A	X	3.157	3.5
4	MP2A	Mx	-.002	3.5
5	MP2B	X	3.157	.5
6	MP2B	Mx	.000315	.5
7	MP2B	X	3.157	3.5
8	MP2B	Mx	.000315	3.5
9	MP2C	X	3.157	.5
10	MP2C	Mx	.003	.5
11	MP2C	X	3.157	3.5
12	MP2C	Mx	.003	3.5
13	MP2A	X	3.157	.5
14	MP2A	Mx	-.002	.5
15	MP2A	X	3.157	3.5
16	MP2A	Mx	-.002	3.5
17	MP2B	X	3.157	.5
18	MP2B	Mx	.002	.5
19	MP2B	X	3.157	3.5
20	MP2B	Mx	.002	3.5
21	MP2C	X	3.157	.5
22	MP2C	Mx	-.001	.5
23	MP2C	X	3.157	3.5
24	MP2C	Mx	-.001	3.5
25	MP3A	X	4.343	1
26	MP3A	Mx	-.002	1
27	MP3A	X	4.343	3
28	MP3A	Mx	-.002	3
29	MP3B	X	4.343	1
30	MP3B	Mx	.002	1
31	MP3B	X	4.343	3
32	MP3B	Mx	.002	3
33	MP3C	X	4.343	1
34	MP3C	Mx	.000743	1
35	MP3C	X	4.343	3
36	MP3C	Mx	.000743	3
37	MP2A	X	1.037	3
38	MP2A	Mx	-.000519	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP2B	X	1.037	3
40	MP2B	Mx	.000449	3
41	MP2C	X	1.037	3
42	MP2C	Mx	.000177	3
43	M101	X	3.191	.75
44	M101	Mx	0	.75
45	MP2A	X	8.417	.25
46	MP2A	Mx	-.004	.25
47	MP2B	X	8.417	.25
48	MP2B	Mx	.004	.25
49	MP2C	X	8.417	.25
50	MP2C	Mx	.001	.25
51	MP3A	X	7.011	.25
52	MP3A	Mx	-.004	.25
53	MP3B	X	7.011	.25
54	MP3B	Mx	.003	.25
55	MP3C	X	7.011	.25
56	MP3C	Mx	.001	.25
57	MP4A	X	.848	.25
58	MP4A	Mx	-.000424	.25
59	MP4A	X	.848	3.75
60	MP4A	Mx	-.000424	3.75
61	MP4B	X	.848	.25
62	MP4B	Mx	.000367	.25
63	MP4B	X	.848	3.75
64	MP4B	Mx	.000367	3.75
65	MP4C	X	.848	.25
66	MP4C	Mx	.000145	.25
67	MP4C	X	.848	3.75
68	MP4C	Mx	.000145	3.75
69	MP2B	X	1.755	4
70	MP2B	Mx	-.00076	4
71	MP2C	X	1.755	4
72	MP2C	Mx	-.0003	4

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-6.548	-6.548	0	%100
2	M4	Y	-9.584	-9.584	0	%100
3	M10	Y	-7.594	-7.594	0	%100
4	M43	Y	-7.594	-7.594	0	%100
5	M46	Y	-10.084	-10.084	0	%100
6	M51B	Y	-5.603	-5.603	0	%100
7	M52B	Y	-5.603	-5.603	0	%100
8	M76	Y	-10.084	-10.084	0	%100
9	M77	Y	-10.084	-10.084	0	%100
10	M80	Y	-10.084	-10.084	0	%100
11	M84	Y	-10.084	-10.084	0	%100
12	M85	Y	-10.084	-10.084	0	%100
13	M91	Y	-10.084	-10.084	0	%100
14	M52A	Y	-9.584	-9.584	0	%100
15	M53	Y	-7.594	-7.594	0	%100
16	M54	Y	-7.594	-7.594	0	%100
17	M55	Y	-10.084	-10.084	0	%100
18	M58A	Y	-5.603	-5.603	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
19	M59A	Y	-5.603	-5.603	0	%100
20	M63	Y	-10.084	-10.084	0	%100
21	M64	Y	-10.084	-10.084	0	%100
22	M66	Y	-10.084	-10.084	0	%100
23	M68	Y	-10.084	-10.084	0	%100
24	M69	Y	-10.084	-10.084	0	%100
25	M71	Y	-10.084	-10.084	0	%100
26	M76A	Y	-9.584	-9.584	0	%100
27	M77A	Y	-7.594	-7.594	0	%100
28	M78	Y	-7.594	-7.594	0	%100
29	M79A	Y	-10.084	-10.084	0	%100
30	M82	Y	-5.603	-5.603	0	%100
31	M83A	Y	-5.603	-5.603	0	%100
32	M87	Y	-10.084	-10.084	0	%100
33	M88A	Y	-10.084	-10.084	0	%100
34	M90	Y	-10.084	-10.084	0	%100
35	M92A	Y	-10.084	-10.084	0	%100
36	M93	Y	-10.084	-10.084	0	%100
37	M95	Y	-10.084	-10.084	0	%100
38	M82A	Y	-6.548	-6.548	0	%100
39	M91B	Y	-6.548	-6.548	0	%100
40	MP4C	Y	-4.965	-4.965	0	%100
41	MP3C	Y	-4.965	-4.965	0	%100
42	MP1C	Y	-4.965	-4.965	0	%100
43	MP2C	Y	-5.669	-5.669	0	%100
44	MP4B	Y	-4.965	-4.965	0	%100
45	MP3B	Y	-4.965	-4.965	0	%100
46	MP1B	Y	-4.965	-4.965	0	%100
47	MP2B	Y	-5.669	-5.669	0	%100
48	MP4A	Y	-4.965	-4.965	0	%100
49	MP3A	Y	-4.965	-4.965	0	%100
50	MP1A	Y	-4.965	-4.965	0	%100
51	MP2A	Y	-5.669	-5.669	0	%100
52	M101	Y	-4.965	-4.965	0	%100
53	M106	Y	-5.669	-5.669	0	%100
54	M113	Y	-5.669	-5.669	0	%100
55	M120	Y	-5.669	-5.669	0	%100
56	M123	Y	-7.594	-7.594	0	%100
57	M124	Y	-7.594	-7.594	0	%100
58	M125	Y	-7.594	-7.594	0	%100
59	M132	Y	-6.598	-6.598	0	%100
60	M133	Y	-6.598	-6.598	0	%100
61	M134	Y	-6.598	-6.598	0	%100
62	M135	Y	-6.598	-6.598	0	%100
63	M136	Y	-6.598	-6.598	0	%100
64	M137	Y	-6.598	-6.598	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-3.683	-3.683	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	-13.166	-13.166	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-4.197	-4.197	0	%100
7	M43	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	M43	Z	-4.197	-4.197	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-6.791	-6.791	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-3.771	-3.771	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-15.084	-15.084	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	-20.373	-20.373	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-6.917	-6.917	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-7.285	-7.285	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	-20.373	-20.373	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-27.667	-27.667	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	-29.141	-29.141	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	-13.166	-13.166	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	-4.197	-4.197	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	-4.197	-4.197	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	-6.791	-6.791	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	-15.084	-15.084	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	-3.771	-3.771	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	-20.373	-20.373	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	-27.667	-27.667	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	-29.141	-29.141	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	-20.373	-20.373	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	-6.917	-6.917	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	-7.285	-7.285	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	-16.789	-16.789	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	-16.789	-16.789	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	-27.164	-27.164	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	-3.771	-3.771	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	-3.771	-3.771	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M88A	X	0	0	0	%100
66	M88A	Z	-6.917	-6.917	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	-7.285	-7.285	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	-6.917	-6.917	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	-7.285	-7.285	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	-3.683	-3.683	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	-14.732	-14.732	0	%100
79	MP4C	X	0	0	0	%100
80	MP4C	Z	-10.752	-10.752	0	%100
81	MP3C	X	0	0	0	%100
82	MP3C	Z	-10.752	-10.752	0	%100
83	MP1C	X	0	0	0	%100
84	MP1C	Z	-10.752	-10.752	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	-13.016	-13.016	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	-10.752	-10.752	0	%100
89	MP3B	X	0	0	0	%100
90	MP3B	Z	-10.752	-10.752	0	%100
91	MP1B	X	0	0	0	%100
92	MP1B	Z	-10.752	-10.752	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	-13.016	-13.016	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	-10.752	-10.752	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	-10.752	-10.752	0	%100
99	MP1A	X	0	0	0	%100
100	MP1A	Z	-10.752	-10.752	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	-13.016	-13.016	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	-8.793	-8.793	0	%100
105	M106	X	0	0	0	%100
106	M106	Z	-13.016	-13.016	0	%100
107	M113	X	0	0	0	%100
108	M113	Z	-3.254	-3.254	0	%100
109	M120	X	0	0	0	%100
110	M120	Z	-3.254	-3.254	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-4.171	-4.171	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-16.684	-16.684	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-4.171	-4.171	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	-8.002	-8.002	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	-8.002	-8.002	0	%100
121	M134	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
122	M134	Z	-14.305	-14.305	0	%100
123	M135	X	0	0	0	%100
124	M135	Z	-14.305	-14.305	0	%100
125	M136	X	0	0	0	%100
126	M136	Z	-14.305	-14.305	0	%100
127	M137	X	0	0	0	%100
128	M137	Z	-14.305	-14.305	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	5.525	5.525	0	%100
2	M1	Z	-9.569	-9.569	0	%100
3	M4	X	2.194	2.194	0	%100
4	M4	Z	-3.801	-3.801	0	%100
5	M10	X	6.296	6.296	0	%100
6	M10	Z	-10.905	-10.905	0	%100
7	M43	X	6.296	6.296	0	%100
8	M43	Z	-10.905	-10.905	0	%100
9	M46	X	10.187	10.187	0	%100
10	M46	Z	-17.644	-17.644	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	5.656	5.656	0	%100
14	M52B	Z	-9.797	-9.797	0	%100
15	M76	X	3.396	3.396	0	%100
16	M76	Z	-5.881	-5.881	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	3.396	3.396	0	%100
22	M84	Z	-5.881	-5.881	0	%100
23	M85	X	10.375	10.375	0	%100
24	M85	Z	-17.97	-17.97	0	%100
25	M91	X	10.928	10.928	0	%100
26	M91	Z	-18.928	-18.928	0	%100
27	M52A	X	8.777	8.777	0	%100
28	M52A	Z	-15.202	-15.202	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	5.656	5.656	0	%100
36	M58A	Z	-9.797	-9.797	0	%100
37	M59A	X	5.656	5.656	0	%100
38	M59A	Z	-9.797	-9.797	0	%100
39	M63	X	13.582	13.582	0	%100
40	M63	Z	-23.525	-23.525	0	%100
41	M64	X	10.375	10.375	0	%100
42	M64	Z	-17.97	-17.97	0	%100
43	M66	X	10.928	10.928	0	%100
44	M66	Z	-18.928	-18.928	0	%100
45	M68	X	13.582	13.582	0	%100
46	M68	Z	-23.525	-23.525	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
47	M69	X	10.375	10.375	0	%100
48	M69	Z	-17.97	-17.97	0	%100
49	M71	X	10.928	10.928	0	%100
50	M71	Z	-18.928	-18.928	0	%100
51	M76A	X	2.194	2.194	0	%100
52	M76A	Z	-3.801	-3.801	0	%100
53	M77A	X	6.296	6.296	0	%100
54	M77A	Z	-10.905	-10.905	0	%100
55	M78	X	6.296	6.296	0	%100
56	M78	Z	-10.905	-10.905	0	%100
57	M79A	X	10.187	10.187	0	%100
58	M79A	Z	-17.644	-17.644	0	%100
59	M82	X	5.656	5.656	0	%100
60	M82	Z	-9.797	-9.797	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	3.396	3.396	0	%100
64	M87	Z	-5.881	-5.881	0	%100
65	M88A	X	10.375	10.375	0	%100
66	M88A	Z	-17.97	-17.97	0	%100
67	M90	X	10.928	10.928	0	%100
68	M90	Z	-18.928	-18.928	0	%100
69	M92A	X	3.396	3.396	0	%100
70	M92A	Z	-5.881	-5.881	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	5.525	5.525	0	%100
78	M91B	Z	-9.569	-9.569	0	%100
79	MP4C	X	5.376	5.376	0	%100
80	MP4C	Z	-9.312	-9.312	0	%100
81	MP3C	X	5.376	5.376	0	%100
82	MP3C	Z	-9.312	-9.312	0	%100
83	MP1C	X	5.376	5.376	0	%100
84	MP1C	Z	-9.312	-9.312	0	%100
85	MP2C	X	6.508	6.508	0	%100
86	MP2C	Z	-11.272	-11.272	0	%100
87	MP4B	X	5.376	5.376	0	%100
88	MP4B	Z	-9.312	-9.312	0	%100
89	MP3B	X	5.376	5.376	0	%100
90	MP3B	Z	-9.312	-9.312	0	%100
91	MP1B	X	5.376	5.376	0	%100
92	MP1B	Z	-9.312	-9.312	0	%100
93	MP2B	X	6.508	6.508	0	%100
94	MP2B	Z	-11.272	-11.272	0	%100
95	MP4A	X	5.376	5.376	0	%100
96	MP4A	Z	-9.312	-9.312	0	%100
97	MP3A	X	5.376	5.376	0	%100
98	MP3A	Z	-9.312	-9.312	0	%100
99	MP1A	X	5.376	5.376	0	%100
100	MP1A	Z	-9.312	-9.312	0	%100
101	MP2A	X	6.508	6.508	0	%100
102	MP2A	Z	-11.272	-11.272	0	%100
103	M101	X	4.396	4.396	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
104	M101	Z	-7.615	-7.615	0	%100
105	M106	X	4.881	4.881	0	%100
106	M106	Z	-8.454	-8.454	0	%100
107	M113	X	4.881	4.881	0	%100
108	M113	Z	-8.454	-8.454	0	%100
109	M120	X	0	0	0	%100
110	M120	Z	0	0	0	%100
111	M123	X	6.256	6.256	0	%100
112	M123	Z	-10.836	-10.836	0	%100
113	M124	X	6.256	6.256	0	%100
114	M124	Z	-10.836	-10.836	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100
117	M132	X	5.052	5.052	0	%100
118	M132	Z	-8.75	-8.75	0	%100
119	M133	X	5.052	5.052	0	%100
120	M133	Z	-8.75	-8.75	0	%100
121	M134	X	5.052	5.052	0	%100
122	M134	Z	-8.75	-8.75	0	%100
123	M135	X	5.052	5.052	0	%100
124	M135	Z	-8.75	-8.75	0	%100
125	M136	X	8.203	8.203	0	%100
126	M136	Z	-14.208	-14.208	0	%100
127	M137	X	8.203	8.203	0	%100
128	M137	Z	-14.208	-14.208	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	12.759	12.759	0	%100
2	M1	Z	-7.366	-7.366	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	14.54	14.54	0	%100
6	M10	Z	-8.394	-8.394	0	%100
7	M43	X	14.54	14.54	0	%100
8	M43	Z	-8.394	-8.394	0	%100
9	M46	X	23.525	23.525	0	%100
10	M46	Z	-13.582	-13.582	0	%100
11	M51B	X	3.266	3.266	0	%100
12	M51B	Z	-1.885	-1.885	0	%100
13	M52B	X	3.266	3.266	0	%100
14	M52B	Z	-1.885	-1.885	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	5.99	5.99	0	%100
18	M77	Z	-3.458	-3.458	0	%100
19	M80	X	6.309	6.309	0	%100
20	M80	Z	-3.643	-3.643	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	5.99	5.99	0	%100
24	M85	Z	-3.458	-3.458	0	%100
25	M91	X	6.309	6.309	0	%100
26	M91	Z	-3.643	-3.643	0	%100
27	M52A	X	11.402	11.402	0	%100
28	M52A	Z	-6.583	-6.583	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M53	X	3.635	3.635	0	%100
30	M53	Z	-2.099	-2.099	0	%100
31	M54	X	3.635	3.635	0	%100
32	M54	Z	-2.099	-2.099	0	%100
33	M55	X	5.881	5.881	0	%100
34	M55	Z	-3.396	-3.396	0	%100
35	M58A	X	3.266	3.266	0	%100
36	M58A	Z	-1.885	-1.885	0	%100
37	M59A	X	13.063	13.063	0	%100
38	M59A	Z	-7.542	-7.542	0	%100
39	M63	X	17.644	17.644	0	%100
40	M63	Z	-10.187	-10.187	0	%100
41	M64	X	5.99	5.99	0	%100
42	M64	Z	-3.458	-3.458	0	%100
43	M66	X	6.309	6.309	0	%100
44	M66	Z	-3.643	-3.643	0	%100
45	M68	X	17.644	17.644	0	%100
46	M68	Z	-10.187	-10.187	0	%100
47	M69	X	23.96	23.96	0	%100
48	M69	Z	-13.834	-13.834	0	%100
49	M71	X	25.237	25.237	0	%100
50	M71	Z	-14.571	-14.571	0	%100
51	M76A	X	11.402	11.402	0	%100
52	M76A	Z	-6.583	-6.583	0	%100
53	M77A	X	3.635	3.635	0	%100
54	M77A	Z	-2.099	-2.099	0	%100
55	M78	X	3.635	3.635	0	%100
56	M78	Z	-2.099	-2.099	0	%100
57	M79A	X	5.881	5.881	0	%100
58	M79A	Z	-3.396	-3.396	0	%100
59	M82	X	13.063	13.063	0	%100
60	M82	Z	-7.542	-7.542	0	%100
61	M83A	X	3.266	3.266	0	%100
62	M83A	Z	-1.885	-1.885	0	%100
63	M87	X	17.644	17.644	0	%100
64	M87	Z	-10.187	-10.187	0	%100
65	M88A	X	23.96	23.96	0	%100
66	M88A	Z	-13.834	-13.834	0	%100
67	M90	X	25.237	25.237	0	%100
68	M90	Z	-14.571	-14.571	0	%100
69	M92A	X	17.644	17.644	0	%100
70	M92A	Z	-10.187	-10.187	0	%100
71	M93	X	5.99	5.99	0	%100
72	M93	Z	-3.458	-3.458	0	%100
73	M95	X	6.309	6.309	0	%100
74	M95	Z	-3.643	-3.643	0	%100
75	M82A	X	3.19	3.19	0	%100
76	M82A	Z	-1.842	-1.842	0	%100
77	M91B	X	3.19	3.19	0	%100
78	M91B	Z	-1.842	-1.842	0	%100
79	MP4C	X	9.312	9.312	0	%100
80	MP4C	Z	-5.376	-5.376	0	%100
81	MP3C	X	9.312	9.312	0	%100
82	MP3C	Z	-5.376	-5.376	0	%100
83	MP1C	X	9.312	9.312	0	%100
84	MP1C	Z	-5.376	-5.376	0	%100
85	MP2C	X	11.272	11.272	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
86	MP2C	Z	-6.508	-6.508	0	%100
87	MP4B	X	9.312	9.312	0	%100
88	MP4B	Z	-5.376	-5.376	0	%100
89	MP3B	X	9.312	9.312	0	%100
90	MP3B	Z	-5.376	-5.376	0	%100
91	MP1B	X	9.312	9.312	0	%100
92	MP1B	Z	-5.376	-5.376	0	%100
93	MP2B	X	11.272	11.272	0	%100
94	MP2B	Z	-6.508	-6.508	0	%100
95	MP4A	X	9.312	9.312	0	%100
96	MP4A	Z	-5.376	-5.376	0	%100
97	MP3A	X	9.312	9.312	0	%100
98	MP3A	Z	-5.376	-5.376	0	%100
99	MP1A	X	9.312	9.312	0	%100
100	MP1A	Z	-5.376	-5.376	0	%100
101	MP2A	X	11.272	11.272	0	%100
102	MP2A	Z	-6.508	-6.508	0	%100
103	M101	X	7.615	7.615	0	%100
104	M101	Z	-4.396	-4.396	0	%100
105	M106	X	2.818	2.818	0	%100
106	M106	Z	-1.627	-1.627	0	%100
107	M113	X	11.272	11.272	0	%100
108	M113	Z	-6.508	-6.508	0	%100
109	M120	X	2.818	2.818	0	%100
110	M120	Z	-1.627	-1.627	0	%100
111	M123	X	14.449	14.449	0	%100
112	M123	Z	-8.342	-8.342	0	%100
113	M124	X	3.612	3.612	0	%100
114	M124	Z	-2.085	-2.085	0	%100
115	M125	X	3.612	3.612	0	%100
116	M125	Z	-2.085	-2.085	0	%100
117	M132	X	12.389	12.389	0	%100
118	M132	Z	-7.153	-7.153	0	%100
119	M133	X	12.389	12.389	0	%100
120	M133	Z	-7.153	-7.153	0	%100
121	M134	X	6.93	6.93	0	%100
122	M134	Z	-4.001	-4.001	0	%100
123	M135	X	6.93	6.93	0	%100
124	M135	Z	-4.001	-4.001	0	%100
125	M136	X	12.389	12.389	0	%100
126	M136	Z	-7.153	-7.153	0	%100
127	M137	X	12.389	12.389	0	%100
128	M137	Z	-7.153	-7.153	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	11.049	11.049	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	4.389	4.389	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	12.592	12.592	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	12.592	12.592	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	20.373	20.373	0	%100
10	M46	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
11	M51B	X	11.313	11.313	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	6.791	6.791	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	20.75	20.75	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	21.856	21.856	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	6.791	6.791	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	4.389	4.389	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	12.592	12.592	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	12.592	12.592	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	20.373	20.373	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	11.313	11.313	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	6.791	6.791	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	6.791	6.791	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	20.75	20.75	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	21.856	21.856	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	17.554	17.554	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	11.313	11.313	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	11.313	11.313	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	27.164	27.164	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	20.75	20.75	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	21.856	21.856	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
68	M90	Z	0	0	0	%100
69	M92A	X	27.164	27.164	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	20.75	20.75	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	21.856	21.856	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	11.049	11.049	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	0	0	0	%100
79	MP4C	X	10.752	10.752	0	%100
80	MP4C	Z	0	0	0	%100
81	MP3C	X	10.752	10.752	0	%100
82	MP3C	Z	0	0	0	%100
83	MP1C	X	10.752	10.752	0	%100
84	MP1C	Z	0	0	0	%100
85	MP2C	X	13.016	13.016	0	%100
86	MP2C	Z	0	0	0	%100
87	MP4B	X	10.752	10.752	0	%100
88	MP4B	Z	0	0	0	%100
89	MP3B	X	10.752	10.752	0	%100
90	MP3B	Z	0	0	0	%100
91	MP1B	X	10.752	10.752	0	%100
92	MP1B	Z	0	0	0	%100
93	MP2B	X	13.016	13.016	0	%100
94	MP2B	Z	0	0	0	%100
95	MP4A	X	10.752	10.752	0	%100
96	MP4A	Z	0	0	0	%100
97	MP3A	X	10.752	10.752	0	%100
98	MP3A	Z	0	0	0	%100
99	MP1A	X	10.752	10.752	0	%100
100	MP1A	Z	0	0	0	%100
101	MP2A	X	13.016	13.016	0	%100
102	MP2A	Z	0	0	0	%100
103	M101	X	8.793	8.793	0	%100
104	M101	Z	0	0	0	%100
105	M106	X	0	0	0	%100
106	M106	Z	0	0	0	%100
107	M113	X	9.762	9.762	0	%100
108	M113	Z	0	0	0	%100
109	M120	X	9.762	9.762	0	%100
110	M120	Z	0	0	0	%100
111	M123	X	12.513	12.513	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	12.513	12.513	0	%100
116	M125	Z	0	0	0	%100
117	M132	X	16.406	16.406	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	16.406	16.406	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	10.103	10.103	0	%100
122	M134	Z	0	0	0	%100
123	M135	X	10.103	10.103	0	%100
124	M135	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
125	M136	X	10.103	10.103	0	%100
126	M136	Z	0	0	0	%100
127	M137	X	10.103	10.103	0	%100
128	M137	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.19	3.19	0	%100
2	M1	Z	1.842	1.842	0	%100
3	M4	X	11.402	11.402	0	%100
4	M4	Z	6.583	6.583	0	%100
5	M10	X	3.635	3.635	0	%100
6	M10	Z	2.099	2.099	0	%100
7	M43	X	3.635	3.635	0	%100
8	M43	Z	2.099	2.099	0	%100
9	M46	X	5.881	5.881	0	%100
10	M46	Z	3.396	3.396	0	%100
11	M51B	X	13.063	13.063	0	%100
12	M51B	Z	7.542	7.542	0	%100
13	M52B	X	3.266	3.266	0	%100
14	M52B	Z	1.885	1.885	0	%100
15	M76	X	17.644	17.644	0	%100
16	M76	Z	10.187	10.187	0	%100
17	M77	X	23.96	23.96	0	%100
18	M77	Z	13.834	13.834	0	%100
19	M80	X	25.237	25.237	0	%100
20	M80	Z	14.571	14.571	0	%100
21	M84	X	17.644	17.644	0	%100
22	M84	Z	10.187	10.187	0	%100
23	M85	X	5.99	5.99	0	%100
24	M85	Z	3.458	3.458	0	%100
25	M91	X	6.309	6.309	0	%100
26	M91	Z	3.643	3.643	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	14.54	14.54	0	%100
30	M53	Z	8.394	8.394	0	%100
31	M54	X	14.54	14.54	0	%100
32	M54	Z	8.394	8.394	0	%100
33	M55	X	23.525	23.525	0	%100
34	M55	Z	13.582	13.582	0	%100
35	M58A	X	3.266	3.266	0	%100
36	M58A	Z	1.885	1.885	0	%100
37	M59A	X	3.266	3.266	0	%100
38	M59A	Z	1.885	1.885	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	5.99	5.99	0	%100
42	M64	Z	3.458	3.458	0	%100
43	M66	X	6.309	6.309	0	%100
44	M66	Z	3.643	3.643	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	5.99	5.99	0	%100
48	M69	Z	3.458	3.458	0	%100
49	M71	X	6.309	6.309	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
50	M71	Z	3.643	3.643	0	%100
51	M76A	X	11.402	11.402	0	%100
52	M76A	Z	6.583	6.583	0	%100
53	M77A	X	3.635	3.635	0	%100
54	M77A	Z	2.099	2.099	0	%100
55	M78	X	3.635	3.635	0	%100
56	M78	Z	2.099	2.099	0	%100
57	M79A	X	5.881	5.881	0	%100
58	M79A	Z	3.396	3.396	0	%100
59	M82	X	3.266	3.266	0	%100
60	M82	Z	1.885	1.885	0	%100
61	M83A	X	13.063	13.063	0	%100
62	M83A	Z	7.542	7.542	0	%100
63	M87	X	17.644	17.644	0	%100
64	M87	Z	10.187	10.187	0	%100
65	M88A	X	5.99	5.99	0	%100
66	M88A	Z	3.458	3.458	0	%100
67	M90	X	6.309	6.309	0	%100
68	M90	Z	3.643	3.643	0	%100
69	M92A	X	17.644	17.644	0	%100
70	M92A	Z	10.187	10.187	0	%100
71	M93	X	23.96	23.96	0	%100
72	M93	Z	13.834	13.834	0	%100
73	M95	X	25.237	25.237	0	%100
74	M95	Z	14.571	14.571	0	%100
75	M82A	X	12.759	12.759	0	%100
76	M82A	Z	7.366	7.366	0	%100
77	M91B	X	3.19	3.19	0	%100
78	M91B	Z	1.842	1.842	0	%100
79	MP4C	X	9.312	9.312	0	%100
80	MP4C	Z	5.376	5.376	0	%100
81	MP3C	X	9.312	9.312	0	%100
82	MP3C	Z	5.376	5.376	0	%100
83	MP1C	X	9.312	9.312	0	%100
84	MP1C	Z	5.376	5.376	0	%100
85	MP2C	X	11.272	11.272	0	%100
86	MP2C	Z	6.508	6.508	0	%100
87	MP4B	X	9.312	9.312	0	%100
88	MP4B	Z	5.376	5.376	0	%100
89	MP3B	X	9.312	9.312	0	%100
90	MP3B	Z	5.376	5.376	0	%100
91	MP1B	X	9.312	9.312	0	%100
92	MP1B	Z	5.376	5.376	0	%100
93	MP2B	X	11.272	11.272	0	%100
94	MP2B	Z	6.508	6.508	0	%100
95	MP4A	X	9.312	9.312	0	%100
96	MP4A	Z	5.376	5.376	0	%100
97	MP3A	X	9.312	9.312	0	%100
98	MP3A	Z	5.376	5.376	0	%100
99	MP1A	X	9.312	9.312	0	%100
100	MP1A	Z	5.376	5.376	0	%100
101	MP2A	X	11.272	11.272	0	%100
102	MP2A	Z	6.508	6.508	0	%100
103	M101	X	7.615	7.615	0	%100
104	M101	Z	4.396	4.396	0	%100
105	M106	X	2.818	2.818	0	%100
106	M106	Z	1.627	1.627	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
107	M113	X	2.818	2.818	0	%100
108	M113	Z	1.627	1.627	0	%100
109	M120	X	11.272	11.272	0	%100
110	M120	Z	6.508	6.508	0	%100
111	M123	X	3.612	3.612	0	%100
112	M123	Z	2.085	2.085	0	%100
113	M124	X	3.612	3.612	0	%100
114	M124	Z	2.085	2.085	0	%100
115	M125	X	14.449	14.449	0	%100
116	M125	Z	8.342	8.342	0	%100
117	M132	X	12.389	12.389	0	%100
118	M132	Z	7.153	7.153	0	%100
119	M133	X	12.389	12.389	0	%100
120	M133	Z	7.153	7.153	0	%100
121	M134	X	12.389	12.389	0	%100
122	M134	Z	7.153	7.153	0	%100
123	M135	X	12.389	12.389	0	%100
124	M135	Z	7.153	7.153	0	%100
125	M136	X	6.93	6.93	0	%100
126	M136	Z	4.001	4.001	0	%100
127	M137	X	6.93	6.93	0	%100
128	M137	Z	4.001	4.001	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	8.777	8.777	0	%100
4	M4	Z	15.202	15.202	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	5.656	5.656	0	%100
12	M51B	Z	9.797	9.797	0	%100
13	M52B	X	5.656	5.656	0	%100
14	M52B	Z	9.797	9.797	0	%100
15	M76	X	13.582	13.582	0	%100
16	M76	Z	23.525	23.525	0	%100
17	M77	X	10.375	10.375	0	%100
18	M77	Z	17.97	17.97	0	%100
19	M80	X	10.928	10.928	0	%100
20	M80	Z	18.928	18.928	0	%100
21	M84	X	13.582	13.582	0	%100
22	M84	Z	23.525	23.525	0	%100
23	M85	X	10.375	10.375	0	%100
24	M85	Z	17.97	17.97	0	%100
25	M91	X	10.928	10.928	0	%100
26	M91	Z	18.928	18.928	0	%100
27	M52A	X	2.194	2.194	0	%100
28	M52A	Z	3.801	3.801	0	%100
29	M53	X	6.296	6.296	0	%100
30	M53	Z	10.905	10.905	0	%100
31	M54	X	6.296	6.296	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
32	M54	Z	10.905	10.905	0	%100
33	M55	X	10.187	10.187	0	%100
34	M55	Z	17.644	17.644	0	%100
35	M58A	X	5.656	5.656	0	%100
36	M58A	Z	9.797	9.797	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	3.396	3.396	0	%100
40	M63	Z	5.881	5.881	0	%100
41	M64	X	10.375	10.375	0	%100
42	M64	Z	17.97	17.97	0	%100
43	M66	X	10.928	10.928	0	%100
44	M66	Z	18.928	18.928	0	%100
45	M68	X	3.396	3.396	0	%100
46	M68	Z	5.881	5.881	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	2.194	2.194	0	%100
52	M76A	Z	3.801	3.801	0	%100
53	M77A	X	6.296	6.296	0	%100
54	M77A	Z	10.905	10.905	0	%100
55	M78	X	6.296	6.296	0	%100
56	M78	Z	10.905	10.905	0	%100
57	M79A	X	10.187	10.187	0	%100
58	M79A	Z	17.644	17.644	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	5.656	5.656	0	%100
62	M83A	Z	9.797	9.797	0	%100
63	M87	X	3.396	3.396	0	%100
64	M87	Z	5.881	5.881	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	3.396	3.396	0	%100
70	M92A	Z	5.881	5.881	0	%100
71	M93	X	10.375	10.375	0	%100
72	M93	Z	17.97	17.97	0	%100
73	M95	X	10.928	10.928	0	%100
74	M95	Z	18.928	18.928	0	%100
75	M82A	X	5.525	5.525	0	%100
76	M82A	Z	9.569	9.569	0	%100
77	M91B	X	5.525	5.525	0	%100
78	M91B	Z	9.569	9.569	0	%100
79	MP4C	X	5.376	5.376	0	%100
80	MP4C	Z	9.312	9.312	0	%100
81	MP3C	X	5.376	5.376	0	%100
82	MP3C	Z	9.312	9.312	0	%100
83	MP1C	X	5.376	5.376	0	%100
84	MP1C	Z	9.312	9.312	0	%100
85	MP2C	X	6.508	6.508	0	%100
86	MP2C	Z	11.272	11.272	0	%100
87	MP4B	X	5.376	5.376	0	%100
88	MP4B	Z	9.312	9.312	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
89	MP3B	X	5.376	5.376	0	%100
90	MP3B	Z	9.312	9.312	0	%100
91	MP1B	X	5.376	5.376	0	%100
92	MP1B	Z	9.312	9.312	0	%100
93	MP2B	X	6.508	6.508	0	%100
94	MP2B	Z	11.272	11.272	0	%100
95	MP4A	X	5.376	5.376	0	%100
96	MP4A	Z	9.312	9.312	0	%100
97	MP3A	X	5.376	5.376	0	%100
98	MP3A	Z	9.312	9.312	0	%100
99	MP1A	X	5.376	5.376	0	%100
100	MP1A	Z	9.312	9.312	0	%100
101	MP2A	X	6.508	6.508	0	%100
102	MP2A	Z	11.272	11.272	0	%100
103	M101	X	4.396	4.396	0	%100
104	M101	Z	7.615	7.615	0	%100
105	M106	X	4.881	4.881	0	%100
106	M106	Z	8.454	8.454	0	%100
107	M113	X	0	0	0	%100
108	M113	Z	0	0	0	%100
109	M120	X	4.881	4.881	0	%100
110	M120	Z	8.454	8.454	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	6.256	6.256	0	%100
114	M124	Z	10.836	10.836	0	%100
115	M125	X	6.256	6.256	0	%100
116	M125	Z	10.836	10.836	0	%100
117	M132	X	5.052	5.052	0	%100
118	M132	Z	8.75	8.75	0	%100
119	M133	X	5.052	5.052	0	%100
120	M133	Z	8.75	8.75	0	%100
121	M134	X	8.203	8.203	0	%100
122	M134	Z	14.208	14.208	0	%100
123	M135	X	8.203	8.203	0	%100
124	M135	Z	14.208	14.208	0	%100
125	M136	X	5.052	5.052	0	%100
126	M136	Z	8.75	8.75	0	%100
127	M137	X	5.052	5.052	0	%100
128	M137	Z	8.75	8.75	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	3.683	3.683	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	13.166	13.166	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	4.197	4.197	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	4.197	4.197	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	6.791	6.791	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	3.771	3.771	0	%100
13	M52B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
14	M52B	Z	15.084	15.084	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	20.373	20.373	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	6.917	6.917	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	7.285	7.285	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	20.373	20.373	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	27.667	27.667	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	29.141	29.141	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	13.166	13.166	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	4.197	4.197	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	4.197	4.197	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	6.791	6.791	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	15.084	15.084	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	3.771	3.771	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	20.373	20.373	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	27.667	27.667	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	29.141	29.141	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	20.373	20.373	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	6.917	6.917	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	7.285	7.285	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	16.789	16.789	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	16.789	16.789	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	27.164	27.164	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	3.771	3.771	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	3.771	3.771	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	6.917	6.917	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	7.285	7.285	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
71	M93	X	0	0	0	%100
72	M93	Z	6.917	6.917	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	7.285	7.285	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	3.683	3.683	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	14.732	14.732	0	%100
79	MP4C	X	0	0	0	%100
80	MP4C	Z	10.752	10.752	0	%100
81	MP3C	X	0	0	0	%100
82	MP3C	Z	10.752	10.752	0	%100
83	MP1C	X	0	0	0	%100
84	MP1C	Z	10.752	10.752	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	13.016	13.016	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	10.752	10.752	0	%100
89	MP3B	X	0	0	0	%100
90	MP3B	Z	10.752	10.752	0	%100
91	MP1B	X	0	0	0	%100
92	MP1B	Z	10.752	10.752	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	13.016	13.016	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	10.752	10.752	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	10.752	10.752	0	%100
99	MP1A	X	0	0	0	%100
100	MP1A	Z	10.752	10.752	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	13.016	13.016	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	8.793	8.793	0	%100
105	M106	X	0	0	0	%100
106	M106	Z	13.016	13.016	0	%100
107	M113	X	0	0	0	%100
108	M113	Z	3.254	3.254	0	%100
109	M120	X	0	0	0	%100
110	M120	Z	3.254	3.254	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	4.171	4.171	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	16.684	16.684	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	4.171	4.171	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	8.002	8.002	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	8.002	8.002	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	14.305	14.305	0	%100
123	M135	X	0	0	0	%100
124	M135	Z	14.305	14.305	0	%100
125	M136	X	0	0	0	%100
126	M136	Z	14.305	14.305	0	%100
127	M137	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
128	M137	Z	14.305	14.305	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-5.525	-5.525	0	%100
2	M1	Z	9.569	9.569	0	%100
3	M4	X	-2.194	-2.194	0	%100
4	M4	Z	3.801	3.801	0	%100
5	M10	X	-6.296	-6.296	0	%100
6	M10	Z	10.905	10.905	0	%100
7	M43	X	-6.296	-6.296	0	%100
8	M43	Z	10.905	10.905	0	%100
9	M46	X	-10.187	-10.187	0	%100
10	M46	Z	17.644	17.644	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-5.656	-5.656	0	%100
14	M52B	Z	9.797	9.797	0	%100
15	M76	X	-3.396	-3.396	0	%100
16	M76	Z	5.881	5.881	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-3.396	-3.396	0	%100
22	M84	Z	5.881	5.881	0	%100
23	M85	X	-10.375	-10.375	0	%100
24	M85	Z	17.97	17.97	0	%100
25	M91	X	-10.928	-10.928	0	%100
26	M91	Z	18.928	18.928	0	%100
27	M52A	X	-8.777	-8.777	0	%100
28	M52A	Z	15.202	15.202	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	-5.656	-5.656	0	%100
36	M58A	Z	9.797	9.797	0	%100
37	M59A	X	-5.656	-5.656	0	%100
38	M59A	Z	9.797	9.797	0	%100
39	M63	X	-13.582	-13.582	0	%100
40	M63	Z	23.525	23.525	0	%100
41	M64	X	-10.375	-10.375	0	%100
42	M64	Z	17.97	17.97	0	%100
43	M66	X	-10.928	-10.928	0	%100
44	M66	Z	18.928	18.928	0	%100
45	M68	X	-13.582	-13.582	0	%100
46	M68	Z	23.525	23.525	0	%100
47	M69	X	-10.375	-10.375	0	%100
48	M69	Z	17.97	17.97	0	%100
49	M71	X	-10.928	-10.928	0	%100
50	M71	Z	18.928	18.928	0	%100
51	M76A	X	-2.194	-2.194	0	%100
52	M76A	Z	3.801	3.801	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M77A	X	-6.296	-6.296	0	%100
54	M77A	Z	10.905	10.905	0	%100
55	M78	X	-6.296	-6.296	0	%100
56	M78	Z	10.905	10.905	0	%100
57	M79A	X	-10.187	-10.187	0	%100
58	M79A	Z	17.644	17.644	0	%100
59	M82	X	-5.656	-5.656	0	%100
60	M82	Z	9.797	9.797	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	-3.396	-3.396	0	%100
64	M87	Z	5.881	5.881	0	%100
65	M88A	X	-10.375	-10.375	0	%100
66	M88A	Z	17.97	17.97	0	%100
67	M90	X	-10.928	-10.928	0	%100
68	M90	Z	18.928	18.928	0	%100
69	M92A	X	-3.396	-3.396	0	%100
70	M92A	Z	5.881	5.881	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	-5.525	-5.525	0	%100
78	M91B	Z	9.569	9.569	0	%100
79	MP4C	X	-5.376	-5.376	0	%100
80	MP4C	Z	9.312	9.312	0	%100
81	MP3C	X	-5.376	-5.376	0	%100
82	MP3C	Z	9.312	9.312	0	%100
83	MP1C	X	-5.376	-5.376	0	%100
84	MP1C	Z	9.312	9.312	0	%100
85	MP2C	X	-6.508	-6.508	0	%100
86	MP2C	Z	11.272	11.272	0	%100
87	MP4B	X	-5.376	-5.376	0	%100
88	MP4B	Z	9.312	9.312	0	%100
89	MP3B	X	-5.376	-5.376	0	%100
90	MP3B	Z	9.312	9.312	0	%100
91	MP1B	X	-5.376	-5.376	0	%100
92	MP1B	Z	9.312	9.312	0	%100
93	MP2B	X	-6.508	-6.508	0	%100
94	MP2B	Z	11.272	11.272	0	%100
95	MP4A	X	-5.376	-5.376	0	%100
96	MP4A	Z	9.312	9.312	0	%100
97	MP3A	X	-5.376	-5.376	0	%100
98	MP3A	Z	9.312	9.312	0	%100
99	MP1A	X	-5.376	-5.376	0	%100
100	MP1A	Z	9.312	9.312	0	%100
101	MP2A	X	-6.508	-6.508	0	%100
102	MP2A	Z	11.272	11.272	0	%100
103	M101	X	-4.396	-4.396	0	%100
104	M101	Z	7.615	7.615	0	%100
105	M106	X	-4.881	-4.881	0	%100
106	M106	Z	8.454	8.454	0	%100
107	M113	X	-4.881	-4.881	0	%100
108	M113	Z	8.454	8.454	0	%100
109	M120	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
110	M120	Z	0	0	0	%100
111	M123	X	-6.256	-6.256	0	%100
112	M123	Z	10.836	10.836	0	%100
113	M124	X	-6.256	-6.256	0	%100
114	M124	Z	10.836	10.836	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100
117	M132	X	-5.052	-5.052	0	%100
118	M132	Z	8.75	8.75	0	%100
119	M133	X	-5.052	-5.052	0	%100
120	M133	Z	8.75	8.75	0	%100
121	M134	X	-5.052	-5.052	0	%100
122	M134	Z	8.75	8.75	0	%100
123	M135	X	-5.052	-5.052	0	%100
124	M135	Z	8.75	8.75	0	%100
125	M136	X	-8.203	-8.203	0	%100
126	M136	Z	14.208	14.208	0	%100
127	M137	X	-8.203	-8.203	0	%100
128	M137	Z	14.208	14.208	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-12.759	-12.759	0	%100
2	M1	Z	7.366	7.366	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	-14.54	-14.54	0	%100
6	M10	Z	8.394	8.394	0	%100
7	M43	X	-14.54	-14.54	0	%100
8	M43	Z	8.394	8.394	0	%100
9	M46	X	-23.525	-23.525	0	%100
10	M46	Z	13.582	13.582	0	%100
11	M51B	X	-3.266	-3.266	0	%100
12	M51B	Z	1.885	1.885	0	%100
13	M52B	X	-3.266	-3.266	0	%100
14	M52B	Z	1.885	1.885	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-5.99	-5.99	0	%100
18	M77	Z	3.458	3.458	0	%100
19	M80	X	-6.309	-6.309	0	%100
20	M80	Z	3.643	3.643	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-5.99	-5.99	0	%100
24	M85	Z	3.458	3.458	0	%100
25	M91	X	-6.309	-6.309	0	%100
26	M91	Z	3.643	3.643	0	%100
27	M52A	X	-11.402	-11.402	0	%100
28	M52A	Z	6.583	6.583	0	%100
29	M53	X	-3.635	-3.635	0	%100
30	M53	Z	2.099	2.099	0	%100
31	M54	X	-3.635	-3.635	0	%100
32	M54	Z	2.099	2.099	0	%100
33	M55	X	-5.881	-5.881	0	%100
34	M55	Z	3.396	3.396	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
35	M58A	X	-3.266	-3.266	0	%100
36	M58A	Z	1.885	1.885	0	%100
37	M59A	X	-13.063	-13.063	0	%100
38	M59A	Z	7.542	7.542	0	%100
39	M63	X	-17.644	-17.644	0	%100
40	M63	Z	10.187	10.187	0	%100
41	M64	X	-5.99	-5.99	0	%100
42	M64	Z	3.458	3.458	0	%100
43	M66	X	-6.309	-6.309	0	%100
44	M66	Z	3.643	3.643	0	%100
45	M68	X	-17.644	-17.644	0	%100
46	M68	Z	10.187	10.187	0	%100
47	M69	X	-23.96	-23.96	0	%100
48	M69	Z	13.834	13.834	0	%100
49	M71	X	-25.237	-25.237	0	%100
50	M71	Z	14.571	14.571	0	%100
51	M76A	X	-11.402	-11.402	0	%100
52	M76A	Z	6.583	6.583	0	%100
53	M77A	X	-3.635	-3.635	0	%100
54	M77A	Z	2.099	2.099	0	%100
55	M78	X	-3.635	-3.635	0	%100
56	M78	Z	2.099	2.099	0	%100
57	M79A	X	-5.881	-5.881	0	%100
58	M79A	Z	3.396	3.396	0	%100
59	M82	X	-13.063	-13.063	0	%100
60	M82	Z	7.542	7.542	0	%100
61	M83A	X	-3.266	-3.266	0	%100
62	M83A	Z	1.885	1.885	0	%100
63	M87	X	-17.644	-17.644	0	%100
64	M87	Z	10.187	10.187	0	%100
65	M88A	X	-23.96	-23.96	0	%100
66	M88A	Z	13.834	13.834	0	%100
67	M90	X	-25.237	-25.237	0	%100
68	M90	Z	14.571	14.571	0	%100
69	M92A	X	-17.644	-17.644	0	%100
70	M92A	Z	10.187	10.187	0	%100
71	M93	X	-5.99	-5.99	0	%100
72	M93	Z	3.458	3.458	0	%100
73	M95	X	-6.309	-6.309	0	%100
74	M95	Z	3.643	3.643	0	%100
75	M82A	X	-3.19	-3.19	0	%100
76	M82A	Z	1.842	1.842	0	%100
77	M91B	X	-3.19	-3.19	0	%100
78	M91B	Z	1.842	1.842	0	%100
79	MP4C	X	-9.312	-9.312	0	%100
80	MP4C	Z	5.376	5.376	0	%100
81	MP3C	X	-9.312	-9.312	0	%100
82	MP3C	Z	5.376	5.376	0	%100
83	MP1C	X	-9.312	-9.312	0	%100
84	MP1C	Z	5.376	5.376	0	%100
85	MP2C	X	-11.272	-11.272	0	%100
86	MP2C	Z	6.508	6.508	0	%100
87	MP4B	X	-9.312	-9.312	0	%100
88	MP4B	Z	5.376	5.376	0	%100
89	MP3B	X	-9.312	-9.312	0	%100
90	MP3B	Z	5.376	5.376	0	%100
91	MP1B	X	-9.312	-9.312	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
92	MP1B	Z	5.376	5.376	0	%100
93	MP2B	X	-11.272	-11.272	0	%100
94	MP2B	Z	6.508	6.508	0	%100
95	MP4A	X	-9.312	-9.312	0	%100
96	MP4A	Z	5.376	5.376	0	%100
97	MP3A	X	-9.312	-9.312	0	%100
98	MP3A	Z	5.376	5.376	0	%100
99	MP1A	X	-9.312	-9.312	0	%100
100	MP1A	Z	5.376	5.376	0	%100
101	MP2A	X	-11.272	-11.272	0	%100
102	MP2A	Z	6.508	6.508	0	%100
103	M101	X	-7.615	-7.615	0	%100
104	M101	Z	4.396	4.396	0	%100
105	M106	X	-2.818	-2.818	0	%100
106	M106	Z	1.627	1.627	0	%100
107	M113	X	-11.272	-11.272	0	%100
108	M113	Z	6.508	6.508	0	%100
109	M120	X	-2.818	-2.818	0	%100
110	M120	Z	1.627	1.627	0	%100
111	M123	X	-14.449	-14.449	0	%100
112	M123	Z	8.342	8.342	0	%100
113	M124	X	-3.612	-3.612	0	%100
114	M124	Z	2.085	2.085	0	%100
115	M125	X	-3.612	-3.612	0	%100
116	M125	Z	2.085	2.085	0	%100
117	M132	X	-12.389	-12.389	0	%100
118	M132	Z	7.153	7.153	0	%100
119	M133	X	-12.389	-12.389	0	%100
120	M133	Z	7.153	7.153	0	%100
121	M134	X	-6.93	-6.93	0	%100
122	M134	Z	4.001	4.001	0	%100
123	M135	X	-6.93	-6.93	0	%100
124	M135	Z	4.001	4.001	0	%100
125	M136	X	-12.389	-12.389	0	%100
126	M136	Z	7.153	7.153	0	%100
127	M137	X	-12.389	-12.389	0	%100
128	M137	Z	7.153	7.153	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-11.049	-11.049	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-4.389	-4.389	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	-12.592	-12.592	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	-12.592	-12.592	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	-20.373	-20.373	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-11.313	-11.313	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-6.791	-6.791	0	%100
16	M76	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,F...	Start Location[ft,%]	End Location[ft,%]
17	M77	X	-20.75	-20.75	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	-21.856	-21.856	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-6.791	-6.791	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	-4.389	-4.389	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	-12.592	-12.592	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	-12.592	-12.592	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	-20.373	-20.373	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	-11.313	-11.313	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	-6.791	-6.791	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	-6.791	-6.791	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	-20.75	-20.75	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	-21.856	-21.856	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	-17.554	-17.554	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	-11.313	-11.313	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	-11.313	-11.313	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	-27.164	-27.164	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	-20.75	-20.75	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	-21.856	-21.856	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	-27.164	-27.164	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	-20.75	-20.75	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	-21.856	-21.856	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
74	M95	Z	0	0	0	%100
75	M82A	X	-11.049	-11.049	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	0	0	0	%100
79	MP4C	X	-10.752	-10.752	0	%100
80	MP4C	Z	0	0	0	%100
81	MP3C	X	-10.752	-10.752	0	%100
82	MP3C	Z	0	0	0	%100
83	MP1C	X	-10.752	-10.752	0	%100
84	MP1C	Z	0	0	0	%100
85	MP2C	X	-13.016	-13.016	0	%100
86	MP2C	Z	0	0	0	%100
87	MP4B	X	-10.752	-10.752	0	%100
88	MP4B	Z	0	0	0	%100
89	MP3B	X	-10.752	-10.752	0	%100
90	MP3B	Z	0	0	0	%100
91	MP1B	X	-10.752	-10.752	0	%100
92	MP1B	Z	0	0	0	%100
93	MP2B	X	-13.016	-13.016	0	%100
94	MP2B	Z	0	0	0	%100
95	MP4A	X	-10.752	-10.752	0	%100
96	MP4A	Z	0	0	0	%100
97	MP3A	X	-10.752	-10.752	0	%100
98	MP3A	Z	0	0	0	%100
99	MP1A	X	-10.752	-10.752	0	%100
100	MP1A	Z	0	0	0	%100
101	MP2A	X	-13.016	-13.016	0	%100
102	MP2A	Z	0	0	0	%100
103	M101	X	-8.793	-8.793	0	%100
104	M101	Z	0	0	0	%100
105	M106	X	0	0	0	%100
106	M106	Z	0	0	0	%100
107	M113	X	-9.762	-9.762	0	%100
108	M113	Z	0	0	0	%100
109	M120	X	-9.762	-9.762	0	%100
110	M120	Z	0	0	0	%100
111	M123	X	-12.513	-12.513	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-12.513	-12.513	0	%100
116	M125	Z	0	0	0	%100
117	M132	X	-16.406	-16.406	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-16.406	-16.406	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	-10.103	-10.103	0	%100
122	M134	Z	0	0	0	%100
123	M135	X	-10.103	-10.103	0	%100
124	M135	Z	0	0	0	%100
125	M136	X	-10.103	-10.103	0	%100
126	M136	Z	0	0	0	%100
127	M137	X	-10.103	-10.103	0	%100
128	M137	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.19	-3.19	0	%100
2	M1	Z	-1.842	-1.842	0	%100
3	M4	X	-11.402	-11.402	0	%100
4	M4	Z	-6.583	-6.583	0	%100
5	M10	X	-3.635	-3.635	0	%100
6	M10	Z	-2.099	-2.099	0	%100
7	M43	X	-3.635	-3.635	0	%100
8	M43	Z	-2.099	-2.099	0	%100
9	M46	X	-5.881	-5.881	0	%100
10	M46	Z	-3.396	-3.396	0	%100
11	M51B	X	-13.063	-13.063	0	%100
12	M51B	Z	-7.542	-7.542	0	%100
13	M52B	X	-3.266	-3.266	0	%100
14	M52B	Z	-1.885	-1.885	0	%100
15	M76	X	-17.644	-17.644	0	%100
16	M76	Z	-10.187	-10.187	0	%100
17	M77	X	-23.96	-23.96	0	%100
18	M77	Z	-13.834	-13.834	0	%100
19	M80	X	-25.237	-25.237	0	%100
20	M80	Z	-14.571	-14.571	0	%100
21	M84	X	-17.644	-17.644	0	%100
22	M84	Z	-10.187	-10.187	0	%100
23	M85	X	-5.99	-5.99	0	%100
24	M85	Z	-3.458	-3.458	0	%100
25	M91	X	-6.309	-6.309	0	%100
26	M91	Z	-3.643	-3.643	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	-14.54	-14.54	0	%100
30	M53	Z	-8.394	-8.394	0	%100
31	M54	X	-14.54	-14.54	0	%100
32	M54	Z	-8.394	-8.394	0	%100
33	M55	X	-23.525	-23.525	0	%100
34	M55	Z	-13.582	-13.582	0	%100
35	M58A	X	-3.266	-3.266	0	%100
36	M58A	Z	-1.885	-1.885	0	%100
37	M59A	X	-3.266	-3.266	0	%100
38	M59A	Z	-1.885	-1.885	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	-5.99	-5.99	0	%100
42	M64	Z	-3.458	-3.458	0	%100
43	M66	X	-6.309	-6.309	0	%100
44	M66	Z	-3.643	-3.643	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	-5.99	-5.99	0	%100
48	M69	Z	-3.458	-3.458	0	%100
49	M71	X	-6.309	-6.309	0	%100
50	M71	Z	-3.643	-3.643	0	%100
51	M76A	X	-11.402	-11.402	0	%100
52	M76A	Z	-6.583	-6.583	0	%100
53	M77A	X	-3.635	-3.635	0	%100
54	M77A	Z	-2.099	-2.099	0	%100
55	M78	X	-3.635	-3.635	0	%100
56	M78	Z	-2.099	-2.099	0	%100
57	M79A	X	-5.881	-5.881	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M79A	Z	-3.396	-3.396	0	%100
59	M82	X	-3.266	-3.266	0	%100
60	M82	Z	-1.885	-1.885	0	%100
61	M83A	X	-13.063	-13.063	0	%100
62	M83A	Z	-7.542	-7.542	0	%100
63	M87	X	-17.644	-17.644	0	%100
64	M87	Z	-10.187	-10.187	0	%100
65	M88A	X	-5.99	-5.99	0	%100
66	M88A	Z	-3.458	-3.458	0	%100
67	M90	X	-6.309	-6.309	0	%100
68	M90	Z	-3.643	-3.643	0	%100
69	M92A	X	-17.644	-17.644	0	%100
70	M92A	Z	-10.187	-10.187	0	%100
71	M93	X	-23.96	-23.96	0	%100
72	M93	Z	-13.834	-13.834	0	%100
73	M95	X	-25.237	-25.237	0	%100
74	M95	Z	-14.571	-14.571	0	%100
75	M82A	X	-12.759	-12.759	0	%100
76	M82A	Z	-7.366	-7.366	0	%100
77	M91B	X	-3.19	-3.19	0	%100
78	M91B	Z	-1.842	-1.842	0	%100
79	MP4C	X	-9.312	-9.312	0	%100
80	MP4C	Z	-5.376	-5.376	0	%100
81	MP3C	X	-9.312	-9.312	0	%100
82	MP3C	Z	-5.376	-5.376	0	%100
83	MP1C	X	-9.312	-9.312	0	%100
84	MP1C	Z	-5.376	-5.376	0	%100
85	MP2C	X	-11.272	-11.272	0	%100
86	MP2C	Z	-6.508	-6.508	0	%100
87	MP4B	X	-9.312	-9.312	0	%100
88	MP4B	Z	-5.376	-5.376	0	%100
89	MP3B	X	-9.312	-9.312	0	%100
90	MP3B	Z	-5.376	-5.376	0	%100
91	MP1B	X	-9.312	-9.312	0	%100
92	MP1B	Z	-5.376	-5.376	0	%100
93	MP2B	X	-11.272	-11.272	0	%100
94	MP2B	Z	-6.508	-6.508	0	%100
95	MP4A	X	-9.312	-9.312	0	%100
96	MP4A	Z	-5.376	-5.376	0	%100
97	MP3A	X	-9.312	-9.312	0	%100
98	MP3A	Z	-5.376	-5.376	0	%100
99	MP1A	X	-9.312	-9.312	0	%100
100	MP1A	Z	-5.376	-5.376	0	%100
101	MP2A	X	-11.272	-11.272	0	%100
102	MP2A	Z	-6.508	-6.508	0	%100
103	M101	X	-7.615	-7.615	0	%100
104	M101	Z	-4.396	-4.396	0	%100
105	M106	X	-2.818	-2.818	0	%100
106	M106	Z	-1.627	-1.627	0	%100
107	M113	X	-2.818	-2.818	0	%100
108	M113	Z	-1.627	-1.627	0	%100
109	M120	X	-11.272	-11.272	0	%100
110	M120	Z	-6.508	-6.508	0	%100
111	M123	X	-3.612	-3.612	0	%100
112	M123	Z	-2.085	-2.085	0	%100
113	M124	X	-3.612	-3.612	0	%100
114	M124	Z	-2.085	-2.085	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M125	X	-14.449	-14.449	0	%100
116	M125	Z	-8.342	-8.342	0	%100
117	M132	X	-12.389	-12.389	0	%100
118	M132	Z	-7.153	-7.153	0	%100
119	M133	X	-12.389	-12.389	0	%100
120	M133	Z	-7.153	-7.153	0	%100
121	M134	X	-12.389	-12.389	0	%100
122	M134	Z	-7.153	-7.153	0	%100
123	M135	X	-12.389	-12.389	0	%100
124	M135	Z	-7.153	-7.153	0	%100
125	M136	X	-6.93	-6.93	0	%100
126	M136	Z	-4.001	-4.001	0	%100
127	M137	X	-6.93	-6.93	0	%100
128	M137	Z	-4.001	-4.001	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-8.777	-8.777	0	%100
4	M4	Z	-15.202	-15.202	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-5.656	-5.656	0	%100
12	M51B	Z	-9.797	-9.797	0	%100
13	M52B	X	-5.656	-5.656	0	%100
14	M52B	Z	-9.797	-9.797	0	%100
15	M76	X	-13.582	-13.582	0	%100
16	M76	Z	-23.525	-23.525	0	%100
17	M77	X	-10.375	-10.375	0	%100
18	M77	Z	-17.97	-17.97	0	%100
19	M80	X	-10.928	-10.928	0	%100
20	M80	Z	-18.928	-18.928	0	%100
21	M84	X	-13.582	-13.582	0	%100
22	M84	Z	-23.525	-23.525	0	%100
23	M85	X	-10.375	-10.375	0	%100
24	M85	Z	-17.97	-17.97	0	%100
25	M91	X	-10.928	-10.928	0	%100
26	M91	Z	-18.928	-18.928	0	%100
27	M52A	X	-2.194	-2.194	0	%100
28	M52A	Z	-3.801	-3.801	0	%100
29	M53	X	-6.296	-6.296	0	%100
30	M53	Z	-10.905	-10.905	0	%100
31	M54	X	-6.296	-6.296	0	%100
32	M54	Z	-10.905	-10.905	0	%100
33	M55	X	-10.187	-10.187	0	%100
34	M55	Z	-17.644	-17.644	0	%100
35	M58A	X	-5.656	-5.656	0	%100
36	M58A	Z	-9.797	-9.797	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	-3.396	-3.396	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M63	Z	-5.881	-5.881	0	%100
41	M64	X	-10.375	-10.375	0	%100
42	M64	Z	-17.97	-17.97	0	%100
43	M66	X	-10.928	-10.928	0	%100
44	M66	Z	-18.928	-18.928	0	%100
45	M68	X	-3.396	-3.396	0	%100
46	M68	Z	-5.881	-5.881	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	-2.194	-2.194	0	%100
52	M76A	Z	-3.801	-3.801	0	%100
53	M77A	X	-6.296	-6.296	0	%100
54	M77A	Z	-10.905	-10.905	0	%100
55	M78	X	-6.296	-6.296	0	%100
56	M78	Z	-10.905	-10.905	0	%100
57	M79A	X	-10.187	-10.187	0	%100
58	M79A	Z	-17.644	-17.644	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	-5.656	-5.656	0	%100
62	M83A	Z	-9.797	-9.797	0	%100
63	M87	X	-3.396	-3.396	0	%100
64	M87	Z	-5.881	-5.881	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	-3.396	-3.396	0	%100
70	M92A	Z	-5.881	-5.881	0	%100
71	M93	X	-10.375	-10.375	0	%100
72	M93	Z	-17.97	-17.97	0	%100
73	M95	X	-10.928	-10.928	0	%100
74	M95	Z	-18.928	-18.928	0	%100
75	M82A	X	-5.525	-5.525	0	%100
76	M82A	Z	-9.569	-9.569	0	%100
77	M91B	X	-5.525	-5.525	0	%100
78	M91B	Z	-9.569	-9.569	0	%100
79	MP4C	X	-5.376	-5.376	0	%100
80	MP4C	Z	-9.312	-9.312	0	%100
81	MP3C	X	-5.376	-5.376	0	%100
82	MP3C	Z	-9.312	-9.312	0	%100
83	MP1C	X	-5.376	-5.376	0	%100
84	MP1C	Z	-9.312	-9.312	0	%100
85	MP2C	X	-6.508	-6.508	0	%100
86	MP2C	Z	-11.272	-11.272	0	%100
87	MP4B	X	-5.376	-5.376	0	%100
88	MP4B	Z	-9.312	-9.312	0	%100
89	MP3B	X	-5.376	-5.376	0	%100
90	MP3B	Z	-9.312	-9.312	0	%100
91	MP1B	X	-5.376	-5.376	0	%100
92	MP1B	Z	-9.312	-9.312	0	%100
93	MP2B	X	-6.508	-6.508	0	%100
94	MP2B	Z	-11.272	-11.272	0	%100
95	MP4A	X	-5.376	-5.376	0	%100
96	MP4A	Z	-9.312	-9.312	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	MP3A	X	-5.376	-5.376	0	%100
98	MP3A	Z	-9.312	-9.312	0	%100
99	MP1A	X	-5.376	-5.376	0	%100
100	MP1A	Z	-9.312	-9.312	0	%100
101	MP2A	X	-6.508	-6.508	0	%100
102	MP2A	Z	-11.272	-11.272	0	%100
103	M101	X	-4.396	-4.396	0	%100
104	M101	Z	-7.615	-7.615	0	%100
105	M106	X	-4.881	-4.881	0	%100
106	M106	Z	-8.454	-8.454	0	%100
107	M113	X	0	0	0	%100
108	M113	Z	0	0	0	%100
109	M120	X	-4.881	-4.881	0	%100
110	M120	Z	-8.454	-8.454	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-6.256	-6.256	0	%100
114	M124	Z	-10.836	-10.836	0	%100
115	M125	X	-6.256	-6.256	0	%100
116	M125	Z	-10.836	-10.836	0	%100
117	M132	X	-5.052	-5.052	0	%100
118	M132	Z	-8.75	-8.75	0	%100
119	M133	X	-5.052	-5.052	0	%100
120	M133	Z	-8.75	-8.75	0	%100
121	M134	X	-8.203	-8.203	0	%100
122	M134	Z	-14.208	-14.208	0	%100
123	M135	X	-8.203	-8.203	0	%100
124	M135	Z	-14.208	-14.208	0	%100
125	M136	X	-5.052	-5.052	0	%100
126	M136	Z	-8.75	-8.75	0	%100
127	M137	X	-5.052	-5.052	0	%100
128	M137	Z	-8.75	-8.75	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-1.051	-1.051	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	-3.358	-3.358	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.991	-.991	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-.991	-.991	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-1.352	-1.352	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-.995	-.995	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-3.98	-3.98	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	-3.99	-3.99	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-1.35	-1.35	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-1.409	-1.409	0	%100
21	M84	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M84	Z	-3.99	-3.99	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-5.4	-5.4	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	-5.636	-5.636	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	-3.358	-3.358	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	-.991	-.991	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	-.991	-.991	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	-1.352	-1.352	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	-3.98	-3.98	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	-.995	-.995	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	-3.99	-3.99	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	-5.4	-5.4	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	-5.636	-5.636	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	-3.99	-3.99	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	-1.35	-1.35	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	-1.409	-1.409	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	-3.965	-3.965	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	-3.965	-3.965	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	-5.409	-5.409	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	-.995	-.995	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	-.995	-.995	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	-1.35	-1.35	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	-1.409	-1.409	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	-1.35	-1.35	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	-1.409	-1.409	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	-1.051	-1.051	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	-4.204	-4.204	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	MP4C	X	0	0	0	%100
80	MP4C	Z	-3.39	-3.39	0	%100
81	MP3C	X	0	0	0	%100
82	MP3C	Z	-3.39	-3.39	0	%100
83	MP1C	X	0	0	0	%100
84	MP1C	Z	-3.39	-3.39	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	-3.752	-3.752	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	-3.39	-3.39	0	%100
89	MP3B	X	0	0	0	%100
90	MP3B	Z	-3.39	-3.39	0	%100
91	MP1B	X	0	0	0	%100
92	MP1B	Z	-3.39	-3.39	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	-3.752	-3.752	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	-3.39	-3.39	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	-3.39	-3.39	0	%100
99	MP1A	X	0	0	0	%100
100	MP1A	Z	-3.39	-3.39	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	-3.752	-3.752	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	-2.786	-2.786	0	%100
105	M106	X	0	0	0	%100
106	M106	Z	-3.752	-3.752	0	%100
107	M113	X	0	0	0	%100
108	M113	Z	-.938	-.938	0	%100
109	M120	X	0	0	0	%100
110	M120	Z	-.938	-.938	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-.984	-.984	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-3.937	-3.937	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-.984	-.984	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	-1.999	-1.999	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	-1.999	-1.999	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	-3.573	-3.573	0	%100
123	M135	X	0	0	0	%100
124	M135	Z	-3.573	-3.573	0	%100
125	M136	X	0	0	0	%100
126	M136	Z	-3.573	-3.573	0	%100
127	M137	X	0	0	0	%100
128	M137	Z	-3.573	-3.573	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.577	1.577	0	%100
2	M1	Z	-2.731	-2.731	0	%100
3	M4	X	.56	.56	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M4	Z	-.969	-.969	0	%100
5	M10	X	1.487	1.487	0	%100
6	M10	Z	-2.575	-2.575	0	%100
7	M43	X	1.487	1.487	0	%100
8	M43	Z	-2.575	-2.575	0	%100
9	M46	X	2.028	2.028	0	%100
10	M46	Z	-3.513	-3.513	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	1.492	1.492	0	%100
14	M52B	Z	-2.585	-2.585	0	%100
15	M76	X	.665	.665	0	%100
16	M76	Z	-1.152	-1.152	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	.665	.665	0	%100
22	M84	Z	-1.152	-1.152	0	%100
23	M85	X	2.025	2.025	0	%100
24	M85	Z	-3.508	-3.508	0	%100
25	M91	X	2.114	2.114	0	%100
26	M91	Z	-3.661	-3.661	0	%100
27	M52A	X	2.239	2.239	0	%100
28	M52A	Z	-3.878	-3.878	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	1.492	1.492	0	%100
36	M58A	Z	-2.585	-2.585	0	%100
37	M59A	X	1.492	1.492	0	%100
38	M59A	Z	-2.585	-2.585	0	%100
39	M63	X	2.66	2.66	0	%100
40	M63	Z	-4.607	-4.607	0	%100
41	M64	X	2.025	2.025	0	%100
42	M64	Z	-3.508	-3.508	0	%100
43	M66	X	2.114	2.114	0	%100
44	M66	Z	-3.661	-3.661	0	%100
45	M68	X	2.66	2.66	0	%100
46	M68	Z	-4.607	-4.607	0	%100
47	M69	X	2.025	2.025	0	%100
48	M69	Z	-3.508	-3.508	0	%100
49	M71	X	2.114	2.114	0	%100
50	M71	Z	-3.661	-3.661	0	%100
51	M76A	X	.56	.56	0	%100
52	M76A	Z	-.969	-.969	0	%100
53	M77A	X	1.487	1.487	0	%100
54	M77A	Z	-2.575	-2.575	0	%100
55	M78	X	1.487	1.487	0	%100
56	M78	Z	-2.575	-2.575	0	%100
57	M79A	X	2.028	2.028	0	%100
58	M79A	Z	-3.513	-3.513	0	%100
59	M82	X	1.492	1.492	0	%100
60	M82	Z	-2.585	-2.585	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M83A	X	0	0	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	.665	.665	0	%100
64	M87	Z	-1.152	-1.152	0	%100
65	M88A	X	2.025	2.025	0	%100
66	M88A	Z	-3.508	-3.508	0	%100
67	M90	X	2.114	2.114	0	%100
68	M90	Z	-3.661	-3.661	0	%100
69	M92A	X	.665	.665	0	%100
70	M92A	Z	-1.152	-1.152	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	1.577	1.577	0	%100
78	M91B	Z	-2.731	-2.731	0	%100
79	MP4C	X	1.695	1.695	0	%100
80	MP4C	Z	-2.935	-2.935	0	%100
81	MP3C	X	1.695	1.695	0	%100
82	MP3C	Z	-2.935	-2.935	0	%100
83	MP1C	X	1.695	1.695	0	%100
84	MP1C	Z	-2.935	-2.935	0	%100
85	MP2C	X	1.876	1.876	0	%100
86	MP2C	Z	-3.249	-3.249	0	%100
87	MP4B	X	1.695	1.695	0	%100
88	MP4B	Z	-2.935	-2.935	0	%100
89	MP3B	X	1.695	1.695	0	%100
90	MP3B	Z	-2.935	-2.935	0	%100
91	MP1B	X	1.695	1.695	0	%100
92	MP1B	Z	-2.935	-2.935	0	%100
93	MP2B	X	1.876	1.876	0	%100
94	MP2B	Z	-3.249	-3.249	0	%100
95	MP4A	X	1.695	1.695	0	%100
96	MP4A	Z	-2.935	-2.935	0	%100
97	MP3A	X	1.695	1.695	0	%100
98	MP3A	Z	-2.935	-2.935	0	%100
99	MP1A	X	1.695	1.695	0	%100
100	MP1A	Z	-2.935	-2.935	0	%100
101	MP2A	X	1.876	1.876	0	%100
102	MP2A	Z	-3.249	-3.249	0	%100
103	M101	X	1.393	1.393	0	%100
104	M101	Z	-2.413	-2.413	0	%100
105	M106	X	1.407	1.407	0	%100
106	M106	Z	-2.437	-2.437	0	%100
107	M113	X	1.407	1.407	0	%100
108	M113	Z	-2.437	-2.437	0	%100
109	M120	X	0	0	0	%100
110	M120	Z	0	0	0	%100
111	M123	X	1.476	1.476	0	%100
112	M123	Z	-2.557	-2.557	0	%100
113	M124	X	1.476	1.476	0	%100
114	M124	Z	-2.557	-2.557	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100
117	M132	X	1.262	1.262	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
118	M132	Z	-2.185	-2.185	0	%100
119	M133	X	1.262	1.262	0	%100
120	M133	Z	-2.185	-2.185	0	%100
121	M134	X	1.262	1.262	0	%100
122	M134	Z	-2.185	-2.185	0	%100
123	M135	X	1.262	1.262	0	%100
124	M135	Z	-2.185	-2.185	0	%100
125	M136	X	2.049	2.049	0	%100
126	M136	Z	-3.549	-3.549	0	%100
127	M137	X	2.049	2.049	0	%100
128	M137	Z	-3.549	-3.549	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.641	3.641	0	%100
2	M1	Z	-2.102	-2.102	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	3.434	3.434	0	%100
6	M10	Z	-1.982	-1.982	0	%100
7	M43	X	3.434	3.434	0	%100
8	M43	Z	-1.982	-1.982	0	%100
9	M46	X	4.684	4.684	0	%100
10	M46	Z	-2.704	-2.704	0	%100
11	M51B	X	.862	.862	0	%100
12	M51B	Z	-.497	-.497	0	%100
13	M52B	X	.862	.862	0	%100
14	M52B	Z	-.497	-.497	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	1.169	1.169	0	%100
18	M77	Z	-.675	-.675	0	%100
19	M80	X	1.22	1.22	0	%100
20	M80	Z	-.705	-.705	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	1.169	1.169	0	%100
24	M85	Z	-.675	-.675	0	%100
25	M91	X	1.22	1.22	0	%100
26	M91	Z	-.705	-.705	0	%100
27	M52A	X	2.908	2.908	0	%100
28	M52A	Z	-1.679	-1.679	0	%100
29	M53	X	.858	.858	0	%100
30	M53	Z	-.496	-.496	0	%100
31	M54	X	.858	.858	0	%100
32	M54	Z	-.496	-.496	0	%100
33	M55	X	1.171	1.171	0	%100
34	M55	Z	-.676	-.676	0	%100
35	M58A	X	.862	.862	0	%100
36	M58A	Z	-.497	-.497	0	%100
37	M59A	X	3.447	3.447	0	%100
38	M59A	Z	-1.99	-1.99	0	%100
39	M63	X	3.455	3.455	0	%100
40	M63	Z	-1.995	-1.995	0	%100
41	M64	X	1.169	1.169	0	%100
42	M64	Z	-.675	-.675	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
43	M66	X	1.22	1.22	0	%100
44	M66	Z	-.705	-.705	0	%100
45	M68	X	3.455	3.455	0	%100
46	M68	Z	-1.995	-1.995	0	%100
47	M69	X	4.677	4.677	0	%100
48	M69	Z	-2.7	-2.7	0	%100
49	M71	X	4.881	4.881	0	%100
50	M71	Z	-2.818	-2.818	0	%100
51	M76A	X	2.908	2.908	0	%100
52	M76A	Z	-1.679	-1.679	0	%100
53	M77A	X	.858	.858	0	%100
54	M77A	Z	-.496	-.496	0	%100
55	M78	X	.858	.858	0	%100
56	M78	Z	-.496	-.496	0	%100
57	M79A	X	1.171	1.171	0	%100
58	M79A	Z	-.676	-.676	0	%100
59	M82	X	3.447	3.447	0	%100
60	M82	Z	-1.99	-1.99	0	%100
61	M83A	X	.862	.862	0	%100
62	M83A	Z	-.497	-.497	0	%100
63	M87	X	3.455	3.455	0	%100
64	M87	Z	-1.995	-1.995	0	%100
65	M88A	X	4.677	4.677	0	%100
66	M88A	Z	-2.7	-2.7	0	%100
67	M90	X	4.881	4.881	0	%100
68	M90	Z	-2.818	-2.818	0	%100
69	M92A	X	3.455	3.455	0	%100
70	M92A	Z	-1.995	-1.995	0	%100
71	M93	X	1.169	1.169	0	%100
72	M93	Z	-.675	-.675	0	%100
73	M95	X	1.22	1.22	0	%100
74	M95	Z	-.705	-.705	0	%100
75	M82A	X	.91	.91	0	%100
76	M82A	Z	-.526	-.526	0	%100
77	M91B	X	.91	.91	0	%100
78	M91B	Z	-.526	-.526	0	%100
79	MP4C	X	2.935	2.935	0	%100
80	MP4C	Z	-1.695	-1.695	0	%100
81	MP3C	X	2.935	2.935	0	%100
82	MP3C	Z	-1.695	-1.695	0	%100
83	MP1C	X	2.935	2.935	0	%100
84	MP1C	Z	-1.695	-1.695	0	%100
85	MP2C	X	3.249	3.249	0	%100
86	MP2C	Z	-1.876	-1.876	0	%100
87	MP4B	X	2.935	2.935	0	%100
88	MP4B	Z	-1.695	-1.695	0	%100
89	MP3B	X	2.935	2.935	0	%100
90	MP3B	Z	-1.695	-1.695	0	%100
91	MP1B	X	2.935	2.935	0	%100
92	MP1B	Z	-1.695	-1.695	0	%100
93	MP2B	X	3.249	3.249	0	%100
94	MP2B	Z	-1.876	-1.876	0	%100
95	MP4A	X	2.935	2.935	0	%100
96	MP4A	Z	-1.695	-1.695	0	%100
97	MP3A	X	2.935	2.935	0	%100
98	MP3A	Z	-1.695	-1.695	0	%100
99	MP1A	X	2.935	2.935	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
100	MP1A	Z	-1.695	-1.695	0	%100
101	MP2A	X	3.249	3.249	0	%100
102	MP2A	Z	-1.876	-1.876	0	%100
103	M101	X	2.413	2.413	0	%100
104	M101	Z	-1.393	-1.393	0	%100
105	M106	X	.812	.812	0	%100
106	M106	Z	-.469	-.469	0	%100
107	M113	X	3.249	3.249	0	%100
108	M113	Z	-1.876	-1.876	0	%100
109	M120	X	.812	.812	0	%100
110	M120	Z	-.469	-.469	0	%100
111	M123	X	3.409	3.409	0	%100
112	M123	Z	-1.968	-1.968	0	%100
113	M124	X	.852	.852	0	%100
114	M124	Z	-.492	-.492	0	%100
115	M125	X	.852	.852	0	%100
116	M125	Z	-.492	-.492	0	%100
117	M132	X	3.094	3.094	0	%100
118	M132	Z	-1.786	-1.786	0	%100
119	M133	X	3.094	3.094	0	%100
120	M133	Z	-1.786	-1.786	0	%100
121	M134	X	1.731	1.731	0	%100
122	M134	Z	-.999	-.999	0	%100
123	M135	X	1.731	1.731	0	%100
124	M135	Z	-.999	-.999	0	%100
125	M136	X	3.094	3.094	0	%100
126	M136	Z	-1.786	-1.786	0	%100
127	M137	X	3.094	3.094	0	%100
128	M137	Z	-1.786	-1.786	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.153	3.153	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	1.119	1.119	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	2.974	2.974	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	2.974	2.974	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	4.056	4.056	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	2.985	2.985	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	1.33	1.33	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	4.05	4.05	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	4.227	4.227	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	1.33	1.33	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	1.119	1.119	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	2.974	2.974	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	2.974	2.974	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	4.056	4.056	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	2.985	2.985	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	1.33	1.33	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	1.33	1.33	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	4.05	4.05	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	4.227	4.227	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	4.478	4.478	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	2.985	2.985	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	2.985	2.985	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	5.32	5.32	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	4.05	4.05	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	4.227	4.227	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	5.32	5.32	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	4.05	4.05	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	4.227	4.227	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	3.153	3.153	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	0	0	0	%100
79	MP4C	X	3.39	3.39	0	%100
80	MP4C	Z	0	0	0	%100
81	MP3C	X	3.39	3.39	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
82	MP3C	Z	0	0	0	%100
83	MP1C	X	3.39	3.39	0	%100
84	MP1C	Z	0	0	0	%100
85	MP2C	X	3.752	3.752	0	%100
86	MP2C	Z	0	0	0	%100
87	MP4B	X	3.39	3.39	0	%100
88	MP4B	Z	0	0	0	%100
89	MP3B	X	3.39	3.39	0	%100
90	MP3B	Z	0	0	0	%100
91	MP1B	X	3.39	3.39	0	%100
92	MP1B	Z	0	0	0	%100
93	MP2B	X	3.752	3.752	0	%100
94	MP2B	Z	0	0	0	%100
95	MP4A	X	3.39	3.39	0	%100
96	MP4A	Z	0	0	0	%100
97	MP3A	X	3.39	3.39	0	%100
98	MP3A	Z	0	0	0	%100
99	MP1A	X	3.39	3.39	0	%100
100	MP1A	Z	0	0	0	%100
101	MP2A	X	3.752	3.752	0	%100
102	MP2A	Z	0	0	0	%100
103	M101	X	2.786	2.786	0	%100
104	M101	Z	0	0	0	%100
105	M106	X	0	0	0	%100
106	M106	Z	0	0	0	%100
107	M113	X	2.814	2.814	0	%100
108	M113	Z	0	0	0	%100
109	M120	X	2.814	2.814	0	%100
110	M120	Z	0	0	0	%100
111	M123	X	2.953	2.953	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	2.953	2.953	0	%100
116	M125	Z	0	0	0	%100
117	M132	X	4.098	4.098	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	4.098	4.098	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	2.523	2.523	0	%100
122	M134	Z	0	0	0	%100
123	M135	X	2.523	2.523	0	%100
124	M135	Z	0	0	0	%100
125	M136	X	2.523	2.523	0	%100
126	M136	Z	0	0	0	%100
127	M137	X	2.523	2.523	0	%100
128	M137	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.91	.91	0	%100
2	M1	Z	.526	.526	0	%100
3	M4	X	2.908	2.908	0	%100
4	M4	Z	1.679	1.679	0	%100
5	M10	X	.858	.858	0	%100
6	M10	Z	.496	.496	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
7	M43	X	.858	.858	0	%100
8	M43	Z	.496	.496	0	%100
9	M46	X	1.171	1.171	0	%100
10	M46	Z	.676	.676	0	%100
11	M51B	X	3.447	3.447	0	%100
12	M51B	Z	1.99	1.99	0	%100
13	M52B	X	.862	.862	0	%100
14	M52B	Z	.497	.497	0	%100
15	M76	X	3.455	3.455	0	%100
16	M76	Z	1.995	1.995	0	%100
17	M77	X	4.677	4.677	0	%100
18	M77	Z	2.7	2.7	0	%100
19	M80	X	4.881	4.881	0	%100
20	M80	Z	2.818	2.818	0	%100
21	M84	X	3.455	3.455	0	%100
22	M84	Z	1.995	1.995	0	%100
23	M85	X	1.169	1.169	0	%100
24	M85	Z	.675	.675	0	%100
25	M91	X	1.22	1.22	0	%100
26	M91	Z	.705	.705	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	3.434	3.434	0	%100
30	M53	Z	1.982	1.982	0	%100
31	M54	X	3.434	3.434	0	%100
32	M54	Z	1.982	1.982	0	%100
33	M55	X	4.684	4.684	0	%100
34	M55	Z	2.704	2.704	0	%100
35	M58A	X	.862	.862	0	%100
36	M58A	Z	.497	.497	0	%100
37	M59A	X	.862	.862	0	%100
38	M59A	Z	.497	.497	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	1.169	1.169	0	%100
42	M64	Z	.675	.675	0	%100
43	M66	X	1.22	1.22	0	%100
44	M66	Z	.705	.705	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	1.169	1.169	0	%100
48	M69	Z	.675	.675	0	%100
49	M71	X	1.22	1.22	0	%100
50	M71	Z	.705	.705	0	%100
51	M76A	X	2.908	2.908	0	%100
52	M76A	Z	1.679	1.679	0	%100
53	M77A	X	.858	.858	0	%100
54	M77A	Z	.496	.496	0	%100
55	M78	X	.858	.858	0	%100
56	M78	Z	.496	.496	0	%100
57	M79A	X	1.171	1.171	0	%100
58	M79A	Z	.676	.676	0	%100
59	M82	X	.862	.862	0	%100
60	M82	Z	.497	.497	0	%100
61	M83A	X	3.447	3.447	0	%100
62	M83A	Z	1.99	1.99	0	%100
63	M87	X	3.455	3.455	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
64	M87	Z	1.995	1.995	0	%100
65	M88A	X	1.169	1.169	0	%100
66	M88A	Z	.675	.675	0	%100
67	M90	X	1.22	1.22	0	%100
68	M90	Z	.705	.705	0	%100
69	M92A	X	3.455	3.455	0	%100
70	M92A	Z	1.995	1.995	0	%100
71	M93	X	4.677	4.677	0	%100
72	M93	Z	2.7	2.7	0	%100
73	M95	X	4.881	4.881	0	%100
74	M95	Z	2.818	2.818	0	%100
75	M82A	X	3.641	3.641	0	%100
76	M82A	Z	2.102	2.102	0	%100
77	M91B	X	.91	.91	0	%100
78	M91B	Z	.526	.526	0	%100
79	MP4C	X	2.935	2.935	0	%100
80	MP4C	Z	1.695	1.695	0	%100
81	MP3C	X	2.935	2.935	0	%100
82	MP3C	Z	1.695	1.695	0	%100
83	MP1C	X	2.935	2.935	0	%100
84	MP1C	Z	1.695	1.695	0	%100
85	MP2C	X	3.249	3.249	0	%100
86	MP2C	Z	1.876	1.876	0	%100
87	MP4B	X	2.935	2.935	0	%100
88	MP4B	Z	1.695	1.695	0	%100
89	MP3B	X	2.935	2.935	0	%100
90	MP3B	Z	1.695	1.695	0	%100
91	MP1B	X	2.935	2.935	0	%100
92	MP1B	Z	1.695	1.695	0	%100
93	MP2B	X	3.249	3.249	0	%100
94	MP2B	Z	1.876	1.876	0	%100
95	MP4A	X	2.935	2.935	0	%100
96	MP4A	Z	1.695	1.695	0	%100
97	MP3A	X	2.935	2.935	0	%100
98	MP3A	Z	1.695	1.695	0	%100
99	MP1A	X	2.935	2.935	0	%100
100	MP1A	Z	1.695	1.695	0	%100
101	MP2A	X	3.249	3.249	0	%100
102	MP2A	Z	1.876	1.876	0	%100
103	M101	X	2.413	2.413	0	%100
104	M101	Z	1.393	1.393	0	%100
105	M106	X	.812	.812	0	%100
106	M106	Z	.469	.469	0	%100
107	M113	X	.812	.812	0	%100
108	M113	Z	.469	.469	0	%100
109	M120	X	3.249	3.249	0	%100
110	M120	Z	1.876	1.876	0	%100
111	M123	X	.852	.852	0	%100
112	M123	Z	.492	.492	0	%100
113	M124	X	.852	.852	0	%100
114	M124	Z	.492	.492	0	%100
115	M125	X	3.409	3.409	0	%100
116	M125	Z	1.968	1.968	0	%100
117	M132	X	3.094	3.094	0	%100
118	M132	Z	1.786	1.786	0	%100
119	M133	X	3.094	3.094	0	%100
120	M133	Z	1.786	1.786	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
121	M134	X	3.094	3.094	0	%100
122	M134	Z	1.786	1.786	0	%100
123	M135	X	3.094	3.094	0	%100
124	M135	Z	1.786	1.786	0	%100
125	M136	X	1.731	1.731	0	%100
126	M136	Z	.999	.999	0	%100
127	M137	X	1.731	1.731	0	%100
128	M137	Z	.999	.999	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	2.239	2.239	0	%100
4	M4	Z	3.878	3.878	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	1.492	1.492	0	%100
12	M51B	Z	2.585	2.585	0	%100
13	M52B	X	1.492	1.492	0	%100
14	M52B	Z	2.585	2.585	0	%100
15	M76	X	2.66	2.66	0	%100
16	M76	Z	4.607	4.607	0	%100
17	M77	X	2.025	2.025	0	%100
18	M77	Z	3.508	3.508	0	%100
19	M80	X	2.114	2.114	0	%100
20	M80	Z	3.661	3.661	0	%100
21	M84	X	2.66	2.66	0	%100
22	M84	Z	4.607	4.607	0	%100
23	M85	X	2.025	2.025	0	%100
24	M85	Z	3.508	3.508	0	%100
25	M91	X	2.114	2.114	0	%100
26	M91	Z	3.661	3.661	0	%100
27	M52A	X	.56	.56	0	%100
28	M52A	Z	.969	.969	0	%100
29	M53	X	1.487	1.487	0	%100
30	M53	Z	2.575	2.575	0	%100
31	M54	X	1.487	1.487	0	%100
32	M54	Z	2.575	2.575	0	%100
33	M55	X	2.028	2.028	0	%100
34	M55	Z	3.513	3.513	0	%100
35	M58A	X	1.492	1.492	0	%100
36	M58A	Z	2.585	2.585	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	.665	.665	0	%100
40	M63	Z	1.152	1.152	0	%100
41	M64	X	2.025	2.025	0	%100
42	M64	Z	3.508	3.508	0	%100
43	M66	X	2.114	2.114	0	%100
44	M66	Z	3.661	3.661	0	%100
45	M68	X	.665	.665	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M68	Z	1.152	1.152	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	.56	.56	0	%100
52	M76A	Z	.969	.969	0	%100
53	M77A	X	1.487	1.487	0	%100
54	M77A	Z	2.575	2.575	0	%100
55	M78	X	1.487	1.487	0	%100
56	M78	Z	2.575	2.575	0	%100
57	M79A	X	2.028	2.028	0	%100
58	M79A	Z	3.513	3.513	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	1.492	1.492	0	%100
62	M83A	Z	2.585	2.585	0	%100
63	M87	X	.665	.665	0	%100
64	M87	Z	1.152	1.152	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	.665	.665	0	%100
70	M92A	Z	1.152	1.152	0	%100
71	M93	X	2.025	2.025	0	%100
72	M93	Z	3.508	3.508	0	%100
73	M95	X	2.114	2.114	0	%100
74	M95	Z	3.661	3.661	0	%100
75	M82A	X	1.577	1.577	0	%100
76	M82A	Z	2.731	2.731	0	%100
77	M91B	X	1.577	1.577	0	%100
78	M91B	Z	2.731	2.731	0	%100
79	MP4C	X	1.695	1.695	0	%100
80	MP4C	Z	2.935	2.935	0	%100
81	MP3C	X	1.695	1.695	0	%100
82	MP3C	Z	2.935	2.935	0	%100
83	MP1C	X	1.695	1.695	0	%100
84	MP1C	Z	2.935	2.935	0	%100
85	MP2C	X	1.876	1.876	0	%100
86	MP2C	Z	3.249	3.249	0	%100
87	MP4B	X	1.695	1.695	0	%100
88	MP4B	Z	2.935	2.935	0	%100
89	MP3B	X	1.695	1.695	0	%100
90	MP3B	Z	2.935	2.935	0	%100
91	MP1B	X	1.695	1.695	0	%100
92	MP1B	Z	2.935	2.935	0	%100
93	MP2B	X	1.876	1.876	0	%100
94	MP2B	Z	3.249	3.249	0	%100
95	MP4A	X	1.695	1.695	0	%100
96	MP4A	Z	2.935	2.935	0	%100
97	MP3A	X	1.695	1.695	0	%100
98	MP3A	Z	2.935	2.935	0	%100
99	MP1A	X	1.695	1.695	0	%100
100	MP1A	Z	2.935	2.935	0	%100
101	MP2A	X	1.876	1.876	0	%100
102	MP2A	Z	3.249	3.249	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M101	X	1.393	1.393	0	%100
104	M101	Z	2.413	2.413	0	%100
105	M106	X	1.407	1.407	0	%100
106	M106	Z	2.437	2.437	0	%100
107	M113	X	0	0	0	%100
108	M113	Z	0	0	0	%100
109	M120	X	1.407	1.407	0	%100
110	M120	Z	2.437	2.437	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	1.476	1.476	0	%100
114	M124	Z	2.557	2.557	0	%100
115	M125	X	1.476	1.476	0	%100
116	M125	Z	2.557	2.557	0	%100
117	M132	X	1.262	1.262	0	%100
118	M132	Z	2.185	2.185	0	%100
119	M133	X	1.262	1.262	0	%100
120	M133	Z	2.185	2.185	0	%100
121	M134	X	2.049	2.049	0	%100
122	M134	Z	3.549	3.549	0	%100
123	M135	X	2.049	2.049	0	%100
124	M135	Z	3.549	3.549	0	%100
125	M136	X	1.262	1.262	0	%100
126	M136	Z	2.185	2.185	0	%100
127	M137	X	1.262	1.262	0	%100
128	M137	Z	2.185	2.185	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	1.051	1.051	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	3.358	3.358	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.991	.991	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	.991	.991	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	1.352	1.352	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	.995	.995	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	3.98	3.98	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	3.99	3.99	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	1.35	1.35	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	1.409	1.409	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	3.99	3.99	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	5.4	5.4	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	5.636	5.636	0	%100
27	M52A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M52A	Z	3.358	3.358	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	.991	.991	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	.991	.991	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	1.352	1.352	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	3.98	3.98	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	.995	.995	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	3.99	3.99	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	5.4	5.4	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	5.636	5.636	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	3.99	3.99	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	1.35	1.35	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	1.409	1.409	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	3.965	3.965	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	3.965	3.965	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	5.409	5.409	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	.995	.995	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	.995	.995	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	1.35	1.35	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	1.409	1.409	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	1.35	1.35	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	1.409	1.409	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	1.051	1.051	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	4.204	4.204	0	%100
79	MP4C	X	0	0	0	%100
80	MP4C	Z	3.39	3.39	0	%100
81	MP3C	X	0	0	0	%100
82	MP3C	Z	3.39	3.39	0	%100
83	MP1C	X	0	0	0	%100
84	MP1C	Z	3.39	3.39	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP2C	X	0	0	0	%100
86	MP2C	Z	3.752	3.752	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	3.39	3.39	0	%100
89	MP3B	X	0	0	0	%100
90	MP3B	Z	3.39	3.39	0	%100
91	MP1B	X	0	0	0	%100
92	MP1B	Z	3.39	3.39	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	3.752	3.752	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	3.39	3.39	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	3.39	3.39	0	%100
99	MP1A	X	0	0	0	%100
100	MP1A	Z	3.39	3.39	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	3.752	3.752	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	2.786	2.786	0	%100
105	M106	X	0	0	0	%100
106	M106	Z	3.752	3.752	0	%100
107	M113	X	0	0	0	%100
108	M113	Z	.938	.938	0	%100
109	M120	X	0	0	0	%100
110	M120	Z	.938	.938	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	.984	.984	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	3.937	3.937	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	.984	.984	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	1.999	1.999	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	1.999	1.999	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	3.573	3.573	0	%100
123	M135	X	0	0	0	%100
124	M135	Z	3.573	3.573	0	%100
125	M136	X	0	0	0	%100
126	M136	Z	3.573	3.573	0	%100
127	M137	X	0	0	0	%100
128	M137	Z	3.573	3.573	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.577	-1.577	0	%100
2	M1	Z	2.731	2.731	0	%100
3	M4	X	-.56	-.56	0	%100
4	M4	Z	.969	.969	0	%100
5	M10	X	-1.487	-1.487	0	%100
6	M10	Z	2.575	2.575	0	%100
7	M43	X	-1.487	-1.487	0	%100
8	M43	Z	2.575	2.575	0	%100
9	M46	X	-2.028	-2.028	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M46	Z	3.513	3.513	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-1.492	-1.492	0	%100
14	M52B	Z	2.585	2.585	0	%100
15	M76	X	-.665	-.665	0	%100
16	M76	Z	1.152	1.152	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-.665	-.665	0	%100
22	M84	Z	1.152	1.152	0	%100
23	M85	X	-2.025	-2.025	0	%100
24	M85	Z	3.508	3.508	0	%100
25	M91	X	-2.114	-2.114	0	%100
26	M91	Z	3.661	3.661	0	%100
27	M52A	X	-2.239	-2.239	0	%100
28	M52A	Z	3.878	3.878	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	-1.492	-1.492	0	%100
36	M58A	Z	2.585	2.585	0	%100
37	M59A	X	-1.492	-1.492	0	%100
38	M59A	Z	2.585	2.585	0	%100
39	M63	X	-2.66	-2.66	0	%100
40	M63	Z	4.607	4.607	0	%100
41	M64	X	-2.025	-2.025	0	%100
42	M64	Z	3.508	3.508	0	%100
43	M66	X	-2.114	-2.114	0	%100
44	M66	Z	3.661	3.661	0	%100
45	M68	X	-2.66	-2.66	0	%100
46	M68	Z	4.607	4.607	0	%100
47	M69	X	-2.025	-2.025	0	%100
48	M69	Z	3.508	3.508	0	%100
49	M71	X	-2.114	-2.114	0	%100
50	M71	Z	3.661	3.661	0	%100
51	M76A	X	-.56	-.56	0	%100
52	M76A	Z	.969	.969	0	%100
53	M77A	X	-1.487	-1.487	0	%100
54	M77A	Z	2.575	2.575	0	%100
55	M78	X	-1.487	-1.487	0	%100
56	M78	Z	2.575	2.575	0	%100
57	M79A	X	-2.028	-2.028	0	%100
58	M79A	Z	3.513	3.513	0	%100
59	M82	X	-1.492	-1.492	0	%100
60	M82	Z	2.585	2.585	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	-.665	-.665	0	%100
64	M87	Z	1.152	1.152	0	%100
65	M88A	X	-2.025	-2.025	0	%100
66	M88A	Z	3.508	3.508	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M90	X	-2.114	-2.114	0	%100
68	M90	Z	3.661	3.661	0	%100
69	M92A	X	-.665	-.665	0	%100
70	M92A	Z	1.152	1.152	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	-1.577	-1.577	0	%100
78	M91B	Z	2.731	2.731	0	%100
79	MP4C	X	-1.695	-1.695	0	%100
80	MP4C	Z	2.935	2.935	0	%100
81	MP3C	X	-1.695	-1.695	0	%100
82	MP3C	Z	2.935	2.935	0	%100
83	MP1C	X	-1.695	-1.695	0	%100
84	MP1C	Z	2.935	2.935	0	%100
85	MP2C	X	-1.876	-1.876	0	%100
86	MP2C	Z	3.249	3.249	0	%100
87	MP4B	X	-1.695	-1.695	0	%100
88	MP4B	Z	2.935	2.935	0	%100
89	MP3B	X	-1.695	-1.695	0	%100
90	MP3B	Z	2.935	2.935	0	%100
91	MP1B	X	-1.695	-1.695	0	%100
92	MP1B	Z	2.935	2.935	0	%100
93	MP2B	X	-1.876	-1.876	0	%100
94	MP2B	Z	3.249	3.249	0	%100
95	MP4A	X	-1.695	-1.695	0	%100
96	MP4A	Z	2.935	2.935	0	%100
97	MP3A	X	-1.695	-1.695	0	%100
98	MP3A	Z	2.935	2.935	0	%100
99	MP1A	X	-1.695	-1.695	0	%100
100	MP1A	Z	2.935	2.935	0	%100
101	MP2A	X	-1.876	-1.876	0	%100
102	MP2A	Z	3.249	3.249	0	%100
103	M101	X	-1.393	-1.393	0	%100
104	M101	Z	2.413	2.413	0	%100
105	M106	X	-1.407	-1.407	0	%100
106	M106	Z	2.437	2.437	0	%100
107	M113	X	-1.407	-1.407	0	%100
108	M113	Z	2.437	2.437	0	%100
109	M120	X	0	0	0	%100
110	M120	Z	0	0	0	%100
111	M123	X	-1.476	-1.476	0	%100
112	M123	Z	2.557	2.557	0	%100
113	M124	X	-1.476	-1.476	0	%100
114	M124	Z	2.557	2.557	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100
117	M132	X	-1.262	-1.262	0	%100
118	M132	Z	2.185	2.185	0	%100
119	M133	X	-1.262	-1.262	0	%100
120	M133	Z	2.185	2.185	0	%100
121	M134	X	-1.262	-1.262	0	%100
122	M134	Z	2.185	2.185	0	%100
123	M135	X	-1.262	-1.262	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
124	M135	Z	2.185	2.185	0	%100
125	M136	X	-2.049	-2.049	0	%100
126	M136	Z	3.549	3.549	0	%100
127	M137	X	-2.049	-2.049	0	%100
128	M137	Z	3.549	3.549	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.641	-3.641	0	%100
2	M1	Z	2.102	2.102	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	-3.434	-3.434	0	%100
6	M10	Z	1.982	1.982	0	%100
7	M43	X	-3.434	-3.434	0	%100
8	M43	Z	1.982	1.982	0	%100
9	M46	X	-4.684	-4.684	0	%100
10	M46	Z	2.704	2.704	0	%100
11	M51B	X	-.862	-.862	0	%100
12	M51B	Z	.497	.497	0	%100
13	M52B	X	-.862	-.862	0	%100
14	M52B	Z	.497	.497	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-1.169	-1.169	0	%100
18	M77	Z	.675	.675	0	%100
19	M80	X	-1.22	-1.22	0	%100
20	M80	Z	.705	.705	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-1.169	-1.169	0	%100
24	M85	Z	.675	.675	0	%100
25	M91	X	-1.22	-1.22	0	%100
26	M91	Z	.705	.705	0	%100
27	M52A	X	-2.908	-2.908	0	%100
28	M52A	Z	1.679	1.679	0	%100
29	M53	X	-.858	-.858	0	%100
30	M53	Z	.496	.496	0	%100
31	M54	X	-.858	-.858	0	%100
32	M54	Z	.496	.496	0	%100
33	M55	X	-1.171	-1.171	0	%100
34	M55	Z	.676	.676	0	%100
35	M58A	X	-.862	-.862	0	%100
36	M58A	Z	.497	.497	0	%100
37	M59A	X	-3.447	-3.447	0	%100
38	M59A	Z	1.99	1.99	0	%100
39	M63	X	-3.455	-3.455	0	%100
40	M63	Z	1.995	1.995	0	%100
41	M64	X	-1.169	-1.169	0	%100
42	M64	Z	.675	.675	0	%100
43	M66	X	-1.22	-1.22	0	%100
44	M66	Z	.705	.705	0	%100
45	M68	X	-3.455	-3.455	0	%100
46	M68	Z	1.995	1.995	0	%100
47	M69	X	-4.677	-4.677	0	%100
48	M69	Z	2.7	2.7	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
49	M71	X	-4.881	-4.881	0	%100
50	M71	Z	2.818	2.818	0	%100
51	M76A	X	-2.908	-2.908	0	%100
52	M76A	Z	1.679	1.679	0	%100
53	M77A	X	-.858	-.858	0	%100
54	M77A	Z	.496	.496	0	%100
55	M78	X	-.858	-.858	0	%100
56	M78	Z	.496	.496	0	%100
57	M79A	X	-1.171	-1.171	0	%100
58	M79A	Z	.676	.676	0	%100
59	M82	X	-3.447	-3.447	0	%100
60	M82	Z	1.99	1.99	0	%100
61	M83A	X	-.862	-.862	0	%100
62	M83A	Z	.497	.497	0	%100
63	M87	X	-3.455	-3.455	0	%100
64	M87	Z	1.995	1.995	0	%100
65	M88A	X	-4.677	-4.677	0	%100
66	M88A	Z	2.7	2.7	0	%100
67	M90	X	-4.881	-4.881	0	%100
68	M90	Z	2.818	2.818	0	%100
69	M92A	X	-3.455	-3.455	0	%100
70	M92A	Z	1.995	1.995	0	%100
71	M93	X	-1.169	-1.169	0	%100
72	M93	Z	.675	.675	0	%100
73	M95	X	-1.22	-1.22	0	%100
74	M95	Z	.705	.705	0	%100
75	M82A	X	-.91	-.91	0	%100
76	M82A	Z	.526	.526	0	%100
77	M91B	X	-.91	-.91	0	%100
78	M91B	Z	.526	.526	0	%100
79	MP4C	X	-2.935	-2.935	0	%100
80	MP4C	Z	1.695	1.695	0	%100
81	MP3C	X	-2.935	-2.935	0	%100
82	MP3C	Z	1.695	1.695	0	%100
83	MP1C	X	-2.935	-2.935	0	%100
84	MP1C	Z	1.695	1.695	0	%100
85	MP2C	X	-3.249	-3.249	0	%100
86	MP2C	Z	1.876	1.876	0	%100
87	MP4B	X	-2.935	-2.935	0	%100
88	MP4B	Z	1.695	1.695	0	%100
89	MP3B	X	-2.935	-2.935	0	%100
90	MP3B	Z	1.695	1.695	0	%100
91	MP1B	X	-2.935	-2.935	0	%100
92	MP1B	Z	1.695	1.695	0	%100
93	MP2B	X	-3.249	-3.249	0	%100
94	MP2B	Z	1.876	1.876	0	%100
95	MP4A	X	-2.935	-2.935	0	%100
96	MP4A	Z	1.695	1.695	0	%100
97	MP3A	X	-2.935	-2.935	0	%100
98	MP3A	Z	1.695	1.695	0	%100
99	MP1A	X	-2.935	-2.935	0	%100
100	MP1A	Z	1.695	1.695	0	%100
101	MP2A	X	-3.249	-3.249	0	%100
102	MP2A	Z	1.876	1.876	0	%100
103	M101	X	-2.413	-2.413	0	%100
104	M101	Z	1.393	1.393	0	%100
105	M106	X	-.812	-.812	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
106	M106	Z	.469	.469	0	%100
107	M113	X	-3.249	-3.249	0	%100
108	M113	Z	1.876	1.876	0	%100
109	M120	X	-.812	-.812	0	%100
110	M120	Z	.469	.469	0	%100
111	M123	X	-3.409	-3.409	0	%100
112	M123	Z	1.968	1.968	0	%100
113	M124	X	-.852	-.852	0	%100
114	M124	Z	.492	.492	0	%100
115	M125	X	-.852	-.852	0	%100
116	M125	Z	.492	.492	0	%100
117	M132	X	-3.094	-3.094	0	%100
118	M132	Z	1.786	1.786	0	%100
119	M133	X	-3.094	-3.094	0	%100
120	M133	Z	1.786	1.786	0	%100
121	M134	X	-1.731	-1.731	0	%100
122	M134	Z	.999	.999	0	%100
123	M135	X	-1.731	-1.731	0	%100
124	M135	Z	.999	.999	0	%100
125	M136	X	-3.094	-3.094	0	%100
126	M136	Z	1.786	1.786	0	%100
127	M137	X	-3.094	-3.094	0	%100
128	M137	Z	1.786	1.786	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.153	-3.153	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-1.119	-1.119	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	-2.974	-2.974	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	-2.974	-2.974	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	-4.056	-4.056	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-2.985	-2.985	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-1.33	-1.33	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-4.05	-4.05	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	-4.227	-4.227	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-1.33	-1.33	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	-1.119	-1.119	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	-2.974	-2.974	0	%100
30	M53	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
31	M54	X	-2.974	-2.974	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	-4.056	-4.056	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	-2.985	-2.985	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	-1.33	-1.33	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	-1.33	-1.33	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	-4.05	-4.05	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	-4.227	-4.227	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	-4.478	-4.478	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	-2.985	-2.985	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	-2.985	-2.985	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	-5.32	-5.32	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	-4.05	-4.05	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	-4.227	-4.227	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	-5.32	-5.32	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	-4.05	-4.05	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	-4.227	-4.227	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	-3.153	-3.153	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	0	0	0	%100
79	MP4C	X	-3.39	-3.39	0	%100
80	MP4C	Z	0	0	0	%100
81	MP3C	X	-3.39	-3.39	0	%100
82	MP3C	Z	0	0	0	%100
83	MP1C	X	-3.39	-3.39	0	%100
84	MP1C	Z	0	0	0	%100
85	MP2C	X	-3.752	-3.752	0	%100
86	MP2C	Z	0	0	0	%100
87	MP4B	X	-3.39	-3.39	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
88	MP4B	Z	0	0	0	%100
89	MP3B	X	-3.39	-3.39	0	%100
90	MP3B	Z	0	0	0	%100
91	MP1B	X	-3.39	-3.39	0	%100
92	MP1B	Z	0	0	0	%100
93	MP2B	X	-3.752	-3.752	0	%100
94	MP2B	Z	0	0	0	%100
95	MP4A	X	-3.39	-3.39	0	%100
96	MP4A	Z	0	0	0	%100
97	MP3A	X	-3.39	-3.39	0	%100
98	MP3A	Z	0	0	0	%100
99	MP1A	X	-3.39	-3.39	0	%100
100	MP1A	Z	0	0	0	%100
101	MP2A	X	-3.752	-3.752	0	%100
102	MP2A	Z	0	0	0	%100
103	M101	X	-2.786	-2.786	0	%100
104	M101	Z	0	0	0	%100
105	M106	X	0	0	0	%100
106	M106	Z	0	0	0	%100
107	M113	X	-2.814	-2.814	0	%100
108	M113	Z	0	0	0	%100
109	M120	X	-2.814	-2.814	0	%100
110	M120	Z	0	0	0	%100
111	M123	X	-2.953	-2.953	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-2.953	-2.953	0	%100
116	M125	Z	0	0	0	%100
117	M132	X	-4.098	-4.098	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-4.098	-4.098	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	-2.523	-2.523	0	%100
122	M134	Z	0	0	0	%100
123	M135	X	-2.523	-2.523	0	%100
124	M135	Z	0	0	0	%100
125	M136	X	-2.523	-2.523	0	%100
126	M136	Z	0	0	0	%100
127	M137	X	-2.523	-2.523	0	%100
128	M137	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.91	-.91	0	%100
2	M1	Z	-.526	-.526	0	%100
3	M4	X	-2.908	-2.908	0	%100
4	M4	Z	-1.679	-1.679	0	%100
5	M10	X	-.858	-.858	0	%100
6	M10	Z	-.496	-.496	0	%100
7	M43	X	-.858	-.858	0	%100
8	M43	Z	-.496	-.496	0	%100
9	M46	X	-1.171	-1.171	0	%100
10	M46	Z	-.676	-.676	0	%100
11	M51B	X	-3.447	-3.447	0	%100
12	M51B	Z	-1.99	-1.99	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
13	M52B	X	-.862	-.862	0	%100
14	M52B	Z	-.497	-.497	0	%100
15	M76	X	-3.455	-3.455	0	%100
16	M76	Z	-1.995	-1.995	0	%100
17	M77	X	-4.677	-4.677	0	%100
18	M77	Z	-2.7	-2.7	0	%100
19	M80	X	-4.881	-4.881	0	%100
20	M80	Z	-2.818	-2.818	0	%100
21	M84	X	-3.455	-3.455	0	%100
22	M84	Z	-1.995	-1.995	0	%100
23	M85	X	-1.169	-1.169	0	%100
24	M85	Z	-.675	-.675	0	%100
25	M91	X	-1.22	-1.22	0	%100
26	M91	Z	-.705	-.705	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	-3.434	-3.434	0	%100
30	M53	Z	-1.982	-1.982	0	%100
31	M54	X	-3.434	-3.434	0	%100
32	M54	Z	-1.982	-1.982	0	%100
33	M55	X	-4.684	-4.684	0	%100
34	M55	Z	-2.704	-2.704	0	%100
35	M58A	X	-.862	-.862	0	%100
36	M58A	Z	-.497	-.497	0	%100
37	M59A	X	-.862	-.862	0	%100
38	M59A	Z	-.497	-.497	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	-1.169	-1.169	0	%100
42	M64	Z	-.675	-.675	0	%100
43	M66	X	-1.22	-1.22	0	%100
44	M66	Z	-.705	-.705	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	-1.169	-1.169	0	%100
48	M69	Z	-.675	-.675	0	%100
49	M71	X	-1.22	-1.22	0	%100
50	M71	Z	-.705	-.705	0	%100
51	M76A	X	-2.908	-2.908	0	%100
52	M76A	Z	-1.679	-1.679	0	%100
53	M77A	X	-.858	-.858	0	%100
54	M77A	Z	-.496	-.496	0	%100
55	M78	X	-.858	-.858	0	%100
56	M78	Z	-.496	-.496	0	%100
57	M79A	X	-1.171	-1.171	0	%100
58	M79A	Z	-.676	-.676	0	%100
59	M82	X	-.862	-.862	0	%100
60	M82	Z	-.497	-.497	0	%100
61	M83A	X	-3.447	-3.447	0	%100
62	M83A	Z	-1.99	-1.99	0	%100
63	M87	X	-3.455	-3.455	0	%100
64	M87	Z	-1.995	-1.995	0	%100
65	M88A	X	-1.169	-1.169	0	%100
66	M88A	Z	-.675	-.675	0	%100
67	M90	X	-1.22	-1.22	0	%100
68	M90	Z	-.705	-.705	0	%100
69	M92A	X	-3.455	-3.455	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
70	M92A	Z	-1.995	-1.995	0	%100
71	M93	X	-4.677	-4.677	0	%100
72	M93	Z	-2.7	-2.7	0	%100
73	M95	X	-4.881	-4.881	0	%100
74	M95	Z	-2.818	-2.818	0	%100
75	M82A	X	-3.641	-3.641	0	%100
76	M82A	Z	-2.102	-2.102	0	%100
77	M91B	X	-.91	-.91	0	%100
78	M91B	Z	-.526	-.526	0	%100
79	MP4C	X	-2.935	-2.935	0	%100
80	MP4C	Z	-1.695	-1.695	0	%100
81	MP3C	X	-2.935	-2.935	0	%100
82	MP3C	Z	-1.695	-1.695	0	%100
83	MP1C	X	-2.935	-2.935	0	%100
84	MP1C	Z	-1.695	-1.695	0	%100
85	MP2C	X	-3.249	-3.249	0	%100
86	MP2C	Z	-1.876	-1.876	0	%100
87	MP4B	X	-2.935	-2.935	0	%100
88	MP4B	Z	-1.695	-1.695	0	%100
89	MP3B	X	-2.935	-2.935	0	%100
90	MP3B	Z	-1.695	-1.695	0	%100
91	MP1B	X	-2.935	-2.935	0	%100
92	MP1B	Z	-1.695	-1.695	0	%100
93	MP2B	X	-3.249	-3.249	0	%100
94	MP2B	Z	-1.876	-1.876	0	%100
95	MP4A	X	-2.935	-2.935	0	%100
96	MP4A	Z	-1.695	-1.695	0	%100
97	MP3A	X	-2.935	-2.935	0	%100
98	MP3A	Z	-1.695	-1.695	0	%100
99	MP1A	X	-2.935	-2.935	0	%100
100	MP1A	Z	-1.695	-1.695	0	%100
101	MP2A	X	-3.249	-3.249	0	%100
102	MP2A	Z	-1.876	-1.876	0	%100
103	M101	X	-2.413	-2.413	0	%100
104	M101	Z	-1.393	-1.393	0	%100
105	M106	X	-.812	-.812	0	%100
106	M106	Z	-.469	-.469	0	%100
107	M113	X	-.812	-.812	0	%100
108	M113	Z	-.469	-.469	0	%100
109	M120	X	-3.249	-3.249	0	%100
110	M120	Z	-1.876	-1.876	0	%100
111	M123	X	-.852	-.852	0	%100
112	M123	Z	-.492	-.492	0	%100
113	M124	X	-.852	-.852	0	%100
114	M124	Z	-.492	-.492	0	%100
115	M125	X	-3.409	-3.409	0	%100
116	M125	Z	-1.968	-1.968	0	%100
117	M132	X	-3.094	-3.094	0	%100
118	M132	Z	-1.786	-1.786	0	%100
119	M133	X	-3.094	-3.094	0	%100
120	M133	Z	-1.786	-1.786	0	%100
121	M134	X	-3.094	-3.094	0	%100
122	M134	Z	-1.786	-1.786	0	%100
123	M135	X	-3.094	-3.094	0	%100
124	M135	Z	-1.786	-1.786	0	%100
125	M136	X	-1.731	-1.731	0	%100
126	M136	Z	-.999	-.999	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
127	M137	X	-1.731	-1.731	0	%100
128	M137	Z	-.999	-.999	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-2.239	-2.239	0	%100
4	M4	Z	-3.878	-3.878	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-1.492	-1.492	0	%100
12	M51B	Z	-2.585	-2.585	0	%100
13	M52B	X	-1.492	-1.492	0	%100
14	M52B	Z	-2.585	-2.585	0	%100
15	M76	X	-2.66	-2.66	0	%100
16	M76	Z	-4.607	-4.607	0	%100
17	M77	X	-2.025	-2.025	0	%100
18	M77	Z	-3.508	-3.508	0	%100
19	M80	X	-2.114	-2.114	0	%100
20	M80	Z	-3.661	-3.661	0	%100
21	M84	X	-2.66	-2.66	0	%100
22	M84	Z	-4.607	-4.607	0	%100
23	M85	X	-2.025	-2.025	0	%100
24	M85	Z	-3.508	-3.508	0	%100
25	M91	X	-2.114	-2.114	0	%100
26	M91	Z	-3.661	-3.661	0	%100
27	M52A	X	-.56	-.56	0	%100
28	M52A	Z	-.969	-.969	0	%100
29	M53	X	-1.487	-1.487	0	%100
30	M53	Z	-2.575	-2.575	0	%100
31	M54	X	-1.487	-1.487	0	%100
32	M54	Z	-2.575	-2.575	0	%100
33	M55	X	-2.028	-2.028	0	%100
34	M55	Z	-3.513	-3.513	0	%100
35	M58A	X	-1.492	-1.492	0	%100
36	M58A	Z	-2.585	-2.585	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	-.665	-.665	0	%100
40	M63	Z	-1.152	-1.152	0	%100
41	M64	X	-2.025	-2.025	0	%100
42	M64	Z	-3.508	-3.508	0	%100
43	M66	X	-2.114	-2.114	0	%100
44	M66	Z	-3.661	-3.661	0	%100
45	M68	X	-.665	-.665	0	%100
46	M68	Z	-1.152	-1.152	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	-.56	-.56	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	M76A	Z	-.969	-.969	0	%100
53	M77A	X	-1.487	-1.487	0	%100
54	M77A	Z	-2.575	-2.575	0	%100
55	M78	X	-1.487	-1.487	0	%100
56	M78	Z	-2.575	-2.575	0	%100
57	M79A	X	-2.028	-2.028	0	%100
58	M79A	Z	-3.513	-3.513	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	-1.492	-1.492	0	%100
62	M83A	Z	-2.585	-2.585	0	%100
63	M87	X	-.665	-.665	0	%100
64	M87	Z	-1.152	-1.152	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	-.665	-.665	0	%100
70	M92A	Z	-1.152	-1.152	0	%100
71	M93	X	-2.025	-2.025	0	%100
72	M93	Z	-3.508	-3.508	0	%100
73	M95	X	-2.114	-2.114	0	%100
74	M95	Z	-3.661	-3.661	0	%100
75	M82A	X	-1.577	-1.577	0	%100
76	M82A	Z	-2.731	-2.731	0	%100
77	M91B	X	-1.577	-1.577	0	%100
78	M91B	Z	-2.731	-2.731	0	%100
79	MP4C	X	-1.695	-1.695	0	%100
80	MP4C	Z	-2.935	-2.935	0	%100
81	MP3C	X	-1.695	-1.695	0	%100
82	MP3C	Z	-2.935	-2.935	0	%100
83	MP1C	X	-1.695	-1.695	0	%100
84	MP1C	Z	-2.935	-2.935	0	%100
85	MP2C	X	-1.876	-1.876	0	%100
86	MP2C	Z	-3.249	-3.249	0	%100
87	MP4B	X	-1.695	-1.695	0	%100
88	MP4B	Z	-2.935	-2.935	0	%100
89	MP3B	X	-1.695	-1.695	0	%100
90	MP3B	Z	-2.935	-2.935	0	%100
91	MP1B	X	-1.695	-1.695	0	%100
92	MP1B	Z	-2.935	-2.935	0	%100
93	MP2B	X	-1.876	-1.876	0	%100
94	MP2B	Z	-3.249	-3.249	0	%100
95	MP4A	X	-1.695	-1.695	0	%100
96	MP4A	Z	-2.935	-2.935	0	%100
97	MP3A	X	-1.695	-1.695	0	%100
98	MP3A	Z	-2.935	-2.935	0	%100
99	MP1A	X	-1.695	-1.695	0	%100
100	MP1A	Z	-2.935	-2.935	0	%100
101	MP2A	X	-1.876	-1.876	0	%100
102	MP2A	Z	-3.249	-3.249	0	%100
103	M101	X	-1.393	-1.393	0	%100
104	M101	Z	-2.413	-2.413	0	%100
105	M106	X	-1.407	-1.407	0	%100
106	M106	Z	-2.437	-2.437	0	%100
107	M113	X	0	0	0	%100
108	M113	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M120	X	-1.407	-1.407	0	%100
110	M120	Z	-2.437	-2.437	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-1.476	-1.476	0	%100
114	M124	Z	-2.557	-2.557	0	%100
115	M125	X	-1.476	-1.476	0	%100
116	M125	Z	-2.557	-2.557	0	%100
117	M132	X	-1.262	-1.262	0	%100
118	M132	Z	-2.185	-2.185	0	%100
119	M133	X	-1.262	-1.262	0	%100
120	M133	Z	-2.185	-2.185	0	%100
121	M134	X	-2.049	-2.049	0	%100
122	M134	Z	-3.549	-3.549	0	%100
123	M135	X	-2.049	-2.049	0	%100
124	M135	Z	-3.549	-3.549	0	%100
125	M136	X	-1.262	-1.262	0	%100
126	M136	Z	-2.185	-2.185	0	%100
127	M137	X	-1.262	-1.262	0	%100
128	M137	Z	-2.185	-2.185	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.212	-.212	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	-.758	-.758	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.242	-.242	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-.242	-.242	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-.391	-.391	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-.217	-.217	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-.869	-.869	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	-1.173	-1.173	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-.398	-.398	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-.42	-.42	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	-1.173	-1.173	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-1.594	-1.594	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	-1.679	-1.679	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	-.758	-.758	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	-.242	-.242	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	-.242	-.242	0	%100
33	M55	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M55	Z	-.391	-.391	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	-.869	-.869	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	-.217	-.217	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	-1.173	-1.173	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	-1.594	-1.594	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	-1.679	-1.679	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	-1.173	-1.173	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	-.398	-.398	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	-.42	-.42	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	-.967	-.967	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	-.967	-.967	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	-1.565	-1.565	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	-.217	-.217	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	-.217	-.217	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	-.398	-.398	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	-.42	-.42	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	-.398	-.398	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	-.42	-.42	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	-.212	-.212	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	-.849	-.849	0	%100
79	MP4C	X	0	0	0	%100
80	MP4C	Z	-.619	-.619	0	%100
81	MP3C	X	0	0	0	%100
82	MP3C	Z	-.619	-.619	0	%100
83	MP1C	X	0	0	0	%100
84	MP1C	Z	-.619	-.619	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	-.75	-.75	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	-.619	-.619	0	%100
89	MP3B	X	0	0	0	%100
90	MP3B	Z	-.619	-.619	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP1B	X	0	0	0	%100
92	MP1B	Z	-.619	-.619	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	-.75	-.75	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	-.619	-.619	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	-.619	-.619	0	%100
99	MP1A	X	0	0	0	%100
100	MP1A	Z	-.619	-.619	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	-.75	-.75	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	-.506	-.506	0	%100
105	M106	X	0	0	0	%100
106	M106	Z	-.75	-.75	0	%100
107	M113	X	0	0	0	%100
108	M113	Z	-.187	-.187	0	%100
109	M120	X	0	0	0	%100
110	M120	Z	-.187	-.187	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-.24	-.24	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-.961	-.961	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-.24	-.24	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	-.461	-.461	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	-.461	-.461	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	-.824	-.824	0	%100
123	M135	X	0	0	0	%100
124	M135	Z	-.824	-.824	0	%100
125	M136	X	0	0	0	%100
126	M136	Z	-.824	-.824	0	%100
127	M137	X	0	0	0	%100
128	M137	Z	-.824	-.824	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.318	.318	0	%100
2	M1	Z	-.551	-.551	0	%100
3	M4	X	.126	.126	0	%100
4	M4	Z	-.219	-.219	0	%100
5	M10	X	.363	.363	0	%100
6	M10	Z	-.628	-.628	0	%100
7	M43	X	.363	.363	0	%100
8	M43	Z	-.628	-.628	0	%100
9	M46	X	.587	.587	0	%100
10	M46	Z	-1.016	-1.016	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	.326	.326	0	%100
14	M52B	Z	-.564	-.564	0	%100
15	M76	X	.196	.196	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M76	Z	-.339	-.339	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	.196	.196	0	%100
22	M84	Z	-.339	-.339	0	%100
23	M85	X	.598	.598	0	%100
24	M85	Z	-1.035	-1.035	0	%100
25	M91	X	.629	.629	0	%100
26	M91	Z	-1.09	-1.09	0	%100
27	M52A	X	.506	.506	0	%100
28	M52A	Z	-.876	-.876	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	.326	.326	0	%100
36	M58A	Z	-.564	-.564	0	%100
37	M59A	X	.326	.326	0	%100
38	M59A	Z	-.564	-.564	0	%100
39	M63	X	.782	.782	0	%100
40	M63	Z	-1.355	-1.355	0	%100
41	M64	X	.598	.598	0	%100
42	M64	Z	-1.035	-1.035	0	%100
43	M66	X	.629	.629	0	%100
44	M66	Z	-1.09	-1.09	0	%100
45	M68	X	.782	.782	0	%100
46	M68	Z	-1.355	-1.355	0	%100
47	M69	X	.598	.598	0	%100
48	M69	Z	-1.035	-1.035	0	%100
49	M71	X	.629	.629	0	%100
50	M71	Z	-1.09	-1.09	0	%100
51	M76A	X	.126	.126	0	%100
52	M76A	Z	-.219	-.219	0	%100
53	M77A	X	.363	.363	0	%100
54	M77A	Z	-.628	-.628	0	%100
55	M78	X	.363	.363	0	%100
56	M78	Z	-.628	-.628	0	%100
57	M79A	X	.587	.587	0	%100
58	M79A	Z	-1.016	-1.016	0	%100
59	M82	X	.326	.326	0	%100
60	M82	Z	-.564	-.564	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	.196	.196	0	%100
64	M87	Z	-.339	-.339	0	%100
65	M88A	X	.598	.598	0	%100
66	M88A	Z	-1.035	-1.035	0	%100
67	M90	X	.629	.629	0	%100
68	M90	Z	-1.09	-1.09	0	%100
69	M92A	X	.196	.196	0	%100
70	M92A	Z	-.339	-.339	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M95	X	0	0	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	.318	.318	0	%100
78	M91B	Z	-.551	-.551	0	%100
79	MP4C	X	.31	.31	0	%100
80	MP4C	Z	-.536	-.536	0	%100
81	MP3C	X	.31	.31	0	%100
82	MP3C	Z	-.536	-.536	0	%100
83	MP1C	X	.31	.31	0	%100
84	MP1C	Z	-.536	-.536	0	%100
85	MP2C	X	.375	.375	0	%100
86	MP2C	Z	-.649	-.649	0	%100
87	MP4B	X	.31	.31	0	%100
88	MP4B	Z	-.536	-.536	0	%100
89	MP3B	X	.31	.31	0	%100
90	MP3B	Z	-.536	-.536	0	%100
91	MP1B	X	.31	.31	0	%100
92	MP1B	Z	-.536	-.536	0	%100
93	MP2B	X	.375	.375	0	%100
94	MP2B	Z	-.649	-.649	0	%100
95	MP4A	X	.31	.31	0	%100
96	MP4A	Z	-.536	-.536	0	%100
97	MP3A	X	.31	.31	0	%100
98	MP3A	Z	-.536	-.536	0	%100
99	MP1A	X	.31	.31	0	%100
100	MP1A	Z	-.536	-.536	0	%100
101	MP2A	X	.375	.375	0	%100
102	MP2A	Z	-.649	-.649	0	%100
103	M101	X	.253	.253	0	%100
104	M101	Z	-.439	-.439	0	%100
105	M106	X	.281	.281	0	%100
106	M106	Z	-.487	-.487	0	%100
107	M113	X	.281	.281	0	%100
108	M113	Z	-.487	-.487	0	%100
109	M120	X	0	0	0	%100
110	M120	Z	0	0	0	%100
111	M123	X	.36	.36	0	%100
112	M123	Z	-.624	-.624	0	%100
113	M124	X	.36	.36	0	%100
114	M124	Z	-.624	-.624	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100
117	M132	X	.291	.291	0	%100
118	M132	Z	-.504	-.504	0	%100
119	M133	X	.291	.291	0	%100
120	M133	Z	-.504	-.504	0	%100
121	M134	X	.291	.291	0	%100
122	M134	Z	-.504	-.504	0	%100
123	M135	X	.291	.291	0	%100
124	M135	Z	-.504	-.504	0	%100
125	M136	X	.472	.472	0	%100
126	M136	Z	-.818	-.818	0	%100
127	M137	X	.472	.472	0	%100
128	M137	Z	-.818	-.818	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.735	.735	0	%100
2	M1	Z	-.424	-.424	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	.837	.837	0	%100
6	M10	Z	-.484	-.484	0	%100
7	M43	X	.837	.837	0	%100
8	M43	Z	-.484	-.484	0	%100
9	M46	X	1.355	1.355	0	%100
10	M46	Z	-.782	-.782	0	%100
11	M51B	X	.188	.188	0	%100
12	M51B	Z	-.109	-.109	0	%100
13	M52B	X	.188	.188	0	%100
14	M52B	Z	-.109	-.109	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	.345	.345	0	%100
18	M77	Z	-.199	-.199	0	%100
19	M80	X	.363	.363	0	%100
20	M80	Z	-.21	-.21	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	.345	.345	0	%100
24	M85	Z	-.199	-.199	0	%100
25	M91	X	.363	.363	0	%100
26	M91	Z	-.21	-.21	0	%100
27	M52A	X	.657	.657	0	%100
28	M52A	Z	-.379	-.379	0	%100
29	M53	X	.209	.209	0	%100
30	M53	Z	-.121	-.121	0	%100
31	M54	X	.209	.209	0	%100
32	M54	Z	-.121	-.121	0	%100
33	M55	X	.339	.339	0	%100
34	M55	Z	-.196	-.196	0	%100
35	M58A	X	.188	.188	0	%100
36	M58A	Z	-.109	-.109	0	%100
37	M59A	X	.752	.752	0	%100
38	M59A	Z	-.434	-.434	0	%100
39	M63	X	1.016	1.016	0	%100
40	M63	Z	-.587	-.587	0	%100
41	M64	X	.345	.345	0	%100
42	M64	Z	-.199	-.199	0	%100
43	M66	X	.363	.363	0	%100
44	M66	Z	-.21	-.21	0	%100
45	M68	X	1.016	1.016	0	%100
46	M68	Z	-.587	-.587	0	%100
47	M69	X	1.38	1.38	0	%100
48	M69	Z	-.797	-.797	0	%100
49	M71	X	1.454	1.454	0	%100
50	M71	Z	-.839	-.839	0	%100
51	M76A	X	.657	.657	0	%100
52	M76A	Z	-.379	-.379	0	%100
53	M77A	X	.209	.209	0	%100
54	M77A	Z	-.121	-.121	0	%100
55	M78	X	.209	.209	0	%100
56	M78	Z	-.121	-.121	0	%100
57	M79A	X	.339	.339	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M79A	Z	-.196	-.196	0	%100
59	M82	X	.752	.752	0	%100
60	M82	Z	-.434	-.434	0	%100
61	M83A	X	.188	.188	0	%100
62	M83A	Z	-.109	-.109	0	%100
63	M87	X	1.016	1.016	0	%100
64	M87	Z	-.587	-.587	0	%100
65	M88A	X	1.38	1.38	0	%100
66	M88A	Z	-.797	-.797	0	%100
67	M90	X	1.454	1.454	0	%100
68	M90	Z	-.839	-.839	0	%100
69	M92A	X	1.016	1.016	0	%100
70	M92A	Z	-.587	-.587	0	%100
71	M93	X	.345	.345	0	%100
72	M93	Z	-.199	-.199	0	%100
73	M95	X	.363	.363	0	%100
74	M95	Z	-.21	-.21	0	%100
75	M82A	X	.184	.184	0	%100
76	M82A	Z	-.106	-.106	0	%100
77	M91B	X	.184	.184	0	%100
78	M91B	Z	-.106	-.106	0	%100
79	MP4C	X	.536	.536	0	%100
80	MP4C	Z	-.31	-.31	0	%100
81	MP3C	X	.536	.536	0	%100
82	MP3C	Z	-.31	-.31	0	%100
83	MP1C	X	.536	.536	0	%100
84	MP1C	Z	-.31	-.31	0	%100
85	MP2C	X	.649	.649	0	%100
86	MP2C	Z	-.375	-.375	0	%100
87	MP4B	X	.536	.536	0	%100
88	MP4B	Z	-.31	-.31	0	%100
89	MP3B	X	.536	.536	0	%100
90	MP3B	Z	-.31	-.31	0	%100
91	MP1B	X	.536	.536	0	%100
92	MP1B	Z	-.31	-.31	0	%100
93	MP2B	X	.649	.649	0	%100
94	MP2B	Z	-.375	-.375	0	%100
95	MP4A	X	.536	.536	0	%100
96	MP4A	Z	-.31	-.31	0	%100
97	MP3A	X	.536	.536	0	%100
98	MP3A	Z	-.31	-.31	0	%100
99	MP1A	X	.536	.536	0	%100
100	MP1A	Z	-.31	-.31	0	%100
101	MP2A	X	.649	.649	0	%100
102	MP2A	Z	-.375	-.375	0	%100
103	M101	X	.439	.439	0	%100
104	M101	Z	-.253	-.253	0	%100
105	M106	X	.162	.162	0	%100
106	M106	Z	-.094	-.094	0	%100
107	M113	X	.649	.649	0	%100
108	M113	Z	-.375	-.375	0	%100
109	M120	X	.162	.162	0	%100
110	M120	Z	-.094	-.094	0	%100
111	M123	X	.832	.832	0	%100
112	M123	Z	-.48	-.48	0	%100
113	M124	X	.208	.208	0	%100
114	M124	Z	-.12	-.12	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M125	X	.208	.208	0	%100
116	M125	Z	-.12	-.12	0	%100
117	M132	X	.714	.714	0	%100
118	M132	Z	-.412	-.412	0	%100
119	M133	X	.714	.714	0	%100
120	M133	Z	-.412	-.412	0	%100
121	M134	X	.399	.399	0	%100
122	M134	Z	-.23	-.23	0	%100
123	M135	X	.399	.399	0	%100
124	M135	Z	-.23	-.23	0	%100
125	M136	X	.714	.714	0	%100
126	M136	Z	-.412	-.412	0	%100
127	M137	X	.714	.714	0	%100
128	M137	Z	-.412	-.412	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.636	.636	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.253	.253	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	.725	.725	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	.725	.725	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	1.173	1.173	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	.652	.652	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	.391	.391	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	1.195	1.195	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	1.259	1.259	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	.391	.391	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	.253	.253	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	.725	.725	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	.725	.725	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	1.173	1.173	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	.652	.652	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	.391	.391	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M63	Z	0	0	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	.391	.391	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	1.195	1.195	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	1.259	1.259	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	1.011	1.011	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	.652	.652	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	.652	.652	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	1.565	1.565	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	1.195	1.195	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	1.259	1.259	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	1.565	1.565	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	1.195	1.195	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	1.259	1.259	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	.636	.636	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	0	0	0	%100
79	MP4C	X	.619	.619	0	%100
80	MP4C	Z	0	0	0	%100
81	MP3C	X	.619	.619	0	%100
82	MP3C	Z	0	0	0	%100
83	MP1C	X	.619	.619	0	%100
84	MP1C	Z	0	0	0	%100
85	MP2C	X	.75	.75	0	%100
86	MP2C	Z	0	0	0	%100
87	MP4B	X	.619	.619	0	%100
88	MP4B	Z	0	0	0	%100
89	MP3B	X	.619	.619	0	%100
90	MP3B	Z	0	0	0	%100
91	MP1B	X	.619	.619	0	%100
92	MP1B	Z	0	0	0	%100
93	MP2B	X	.75	.75	0	%100
94	MP2B	Z	0	0	0	%100
95	MP4A	X	.619	.619	0	%100
96	MP4A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	MP3A	X	.619	.619	0	%100
98	MP3A	Z	0	0	0	%100
99	MP1A	X	.619	.619	0	%100
100	MP1A	Z	0	0	0	%100
101	MP2A	X	.75	.75	0	%100
102	MP2A	Z	0	0	0	%100
103	M101	X	.506	.506	0	%100
104	M101	Z	0	0	0	%100
105	M106	X	0	0	0	%100
106	M106	Z	0	0	0	%100
107	M113	X	.562	.562	0	%100
108	M113	Z	0	0	0	%100
109	M120	X	.562	.562	0	%100
110	M120	Z	0	0	0	%100
111	M123	X	.721	.721	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	.721	.721	0	%100
116	M125	Z	0	0	0	%100
117	M132	X	.945	.945	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	.945	.945	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	.582	.582	0	%100
122	M134	Z	0	0	0	%100
123	M135	X	.582	.582	0	%100
124	M135	Z	0	0	0	%100
125	M136	X	.582	.582	0	%100
126	M136	Z	0	0	0	%100
127	M137	X	.582	.582	0	%100
128	M137	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.184	.184	0	%100
2	M1	Z	.106	.106	0	%100
3	M4	X	.657	.657	0	%100
4	M4	Z	.379	.379	0	%100
5	M10	X	.209	.209	0	%100
6	M10	Z	.121	.121	0	%100
7	M43	X	.209	.209	0	%100
8	M43	Z	.121	.121	0	%100
9	M46	X	.339	.339	0	%100
10	M46	Z	.196	.196	0	%100
11	M51B	X	.752	.752	0	%100
12	M51B	Z	.434	.434	0	%100
13	M52B	X	.188	.188	0	%100
14	M52B	Z	.109	.109	0	%100
15	M76	X	1.016	1.016	0	%100
16	M76	Z	.587	.587	0	%100
17	M77	X	1.38	1.38	0	%100
18	M77	Z	.797	.797	0	%100
19	M80	X	1.454	1.454	0	%100
20	M80	Z	.839	.839	0	%100
21	M84	X	1.016	1.016	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M84	Z	.587	.587	0	%100
23	M85	X	.345	.345	0	%100
24	M85	Z	.199	.199	0	%100
25	M91	X	.363	.363	0	%100
26	M91	Z	.21	.21	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	.837	.837	0	%100
30	M53	Z	.484	.484	0	%100
31	M54	X	.837	.837	0	%100
32	M54	Z	.484	.484	0	%100
33	M55	X	1.355	1.355	0	%100
34	M55	Z	.782	.782	0	%100
35	M58A	X	.188	.188	0	%100
36	M58A	Z	.109	.109	0	%100
37	M59A	X	.188	.188	0	%100
38	M59A	Z	.109	.109	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	.345	.345	0	%100
42	M64	Z	.199	.199	0	%100
43	M66	X	.363	.363	0	%100
44	M66	Z	.21	.21	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	.345	.345	0	%100
48	M69	Z	.199	.199	0	%100
49	M71	X	.363	.363	0	%100
50	M71	Z	.21	.21	0	%100
51	M76A	X	.657	.657	0	%100
52	M76A	Z	.379	.379	0	%100
53	M77A	X	.209	.209	0	%100
54	M77A	Z	.121	.121	0	%100
55	M78	X	.209	.209	0	%100
56	M78	Z	.121	.121	0	%100
57	M79A	X	.339	.339	0	%100
58	M79A	Z	.196	.196	0	%100
59	M82	X	.188	.188	0	%100
60	M82	Z	.109	.109	0	%100
61	M83A	X	.752	.752	0	%100
62	M83A	Z	.434	.434	0	%100
63	M87	X	1.016	1.016	0	%100
64	M87	Z	.587	.587	0	%100
65	M88A	X	.345	.345	0	%100
66	M88A	Z	.199	.199	0	%100
67	M90	X	.363	.363	0	%100
68	M90	Z	.21	.21	0	%100
69	M92A	X	1.016	1.016	0	%100
70	M92A	Z	.587	.587	0	%100
71	M93	X	1.38	1.38	0	%100
72	M93	Z	.797	.797	0	%100
73	M95	X	1.454	1.454	0	%100
74	M95	Z	.839	.839	0	%100
75	M82A	X	.735	.735	0	%100
76	M82A	Z	.424	.424	0	%100
77	M91B	X	.184	.184	0	%100
78	M91B	Z	.106	.106	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	MP4C	X	.536	.536	0	%100
80	MP4C	Z	.31	.31	0	%100
81	MP3C	X	.536	.536	0	%100
82	MP3C	Z	.31	.31	0	%100
83	MP1C	X	.536	.536	0	%100
84	MP1C	Z	.31	.31	0	%100
85	MP2C	X	.649	.649	0	%100
86	MP2C	Z	.375	.375	0	%100
87	MP4B	X	.536	.536	0	%100
88	MP4B	Z	.31	.31	0	%100
89	MP3B	X	.536	.536	0	%100
90	MP3B	Z	.31	.31	0	%100
91	MP1B	X	.536	.536	0	%100
92	MP1B	Z	.31	.31	0	%100
93	MP2B	X	.649	.649	0	%100
94	MP2B	Z	.375	.375	0	%100
95	MP4A	X	.536	.536	0	%100
96	MP4A	Z	.31	.31	0	%100
97	MP3A	X	.536	.536	0	%100
98	MP3A	Z	.31	.31	0	%100
99	MP1A	X	.536	.536	0	%100
100	MP1A	Z	.31	.31	0	%100
101	MP2A	X	.649	.649	0	%100
102	MP2A	Z	.375	.375	0	%100
103	M101	X	.439	.439	0	%100
104	M101	Z	.253	.253	0	%100
105	M106	X	.162	.162	0	%100
106	M106	Z	.094	.094	0	%100
107	M113	X	.162	.162	0	%100
108	M113	Z	.094	.094	0	%100
109	M120	X	.649	.649	0	%100
110	M120	Z	.375	.375	0	%100
111	M123	X	.208	.208	0	%100
112	M123	Z	.12	.12	0	%100
113	M124	X	.208	.208	0	%100
114	M124	Z	.12	.12	0	%100
115	M125	X	.832	.832	0	%100
116	M125	Z	.48	.48	0	%100
117	M132	X	.714	.714	0	%100
118	M132	Z	.412	.412	0	%100
119	M133	X	.714	.714	0	%100
120	M133	Z	.412	.412	0	%100
121	M134	X	.714	.714	0	%100
122	M134	Z	.412	.412	0	%100
123	M135	X	.714	.714	0	%100
124	M135	Z	.412	.412	0	%100
125	M136	X	.399	.399	0	%100
126	M136	Z	.23	.23	0	%100
127	M137	X	.399	.399	0	%100
128	M137	Z	.23	.23	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.506	.506	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M4	Z	.876	.876	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	.326	.326	0	%100
12	M51B	Z	.564	.564	0	%100
13	M52B	X	.326	.326	0	%100
14	M52B	Z	.564	.564	0	%100
15	M76	X	.782	.782	0	%100
16	M76	Z	1.355	1.355	0	%100
17	M77	X	.598	.598	0	%100
18	M77	Z	1.035	1.035	0	%100
19	M80	X	.629	.629	0	%100
20	M80	Z	1.09	1.09	0	%100
21	M84	X	.782	.782	0	%100
22	M84	Z	1.355	1.355	0	%100
23	M85	X	.598	.598	0	%100
24	M85	Z	1.035	1.035	0	%100
25	M91	X	.629	.629	0	%100
26	M91	Z	1.09	1.09	0	%100
27	M52A	X	.126	.126	0	%100
28	M52A	Z	.219	.219	0	%100
29	M53	X	.363	.363	0	%100
30	M53	Z	.628	.628	0	%100
31	M54	X	.363	.363	0	%100
32	M54	Z	.628	.628	0	%100
33	M55	X	.587	.587	0	%100
34	M55	Z	1.016	1.016	0	%100
35	M58A	X	.326	.326	0	%100
36	M58A	Z	.564	.564	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	.196	.196	0	%100
40	M63	Z	.339	.339	0	%100
41	M64	X	.598	.598	0	%100
42	M64	Z	1.035	1.035	0	%100
43	M66	X	.629	.629	0	%100
44	M66	Z	1.09	1.09	0	%100
45	M68	X	.196	.196	0	%100
46	M68	Z	.339	.339	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	.126	.126	0	%100
52	M76A	Z	.219	.219	0	%100
53	M77A	X	.363	.363	0	%100
54	M77A	Z	.628	.628	0	%100
55	M78	X	.363	.363	0	%100
56	M78	Z	.628	.628	0	%100
57	M79A	X	.587	.587	0	%100
58	M79A	Z	1.016	1.016	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M83A	X	.326	.326	0	%100
62	M83A	Z	.564	.564	0	%100
63	M87	X	.196	.196	0	%100
64	M87	Z	.339	.339	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	.196	.196	0	%100
70	M92A	Z	.339	.339	0	%100
71	M93	X	.598	.598	0	%100
72	M93	Z	1.035	1.035	0	%100
73	M95	X	.629	.629	0	%100
74	M95	Z	1.09	1.09	0	%100
75	M82A	X	.318	.318	0	%100
76	M82A	Z	.551	.551	0	%100
77	M91B	X	.318	.318	0	%100
78	M91B	Z	.551	.551	0	%100
79	MP4C	X	.31	.31	0	%100
80	MP4C	Z	.536	.536	0	%100
81	MP3C	X	.31	.31	0	%100
82	MP3C	Z	.536	.536	0	%100
83	MP1C	X	.31	.31	0	%100
84	MP1C	Z	.536	.536	0	%100
85	MP2C	X	.375	.375	0	%100
86	MP2C	Z	.649	.649	0	%100
87	MP4B	X	.31	.31	0	%100
88	MP4B	Z	.536	.536	0	%100
89	MP3B	X	.31	.31	0	%100
90	MP3B	Z	.536	.536	0	%100
91	MP1B	X	.31	.31	0	%100
92	MP1B	Z	.536	.536	0	%100
93	MP2B	X	.375	.375	0	%100
94	MP2B	Z	.649	.649	0	%100
95	MP4A	X	.31	.31	0	%100
96	MP4A	Z	.536	.536	0	%100
97	MP3A	X	.31	.31	0	%100
98	MP3A	Z	.536	.536	0	%100
99	MP1A	X	.31	.31	0	%100
100	MP1A	Z	.536	.536	0	%100
101	MP2A	X	.375	.375	0	%100
102	MP2A	Z	.649	.649	0	%100
103	M101	X	.253	.253	0	%100
104	M101	Z	.439	.439	0	%100
105	M106	X	.281	.281	0	%100
106	M106	Z	.487	.487	0	%100
107	M113	X	0	0	0	%100
108	M113	Z	0	0	0	%100
109	M120	X	.281	.281	0	%100
110	M120	Z	.487	.487	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	.36	.36	0	%100
114	M124	Z	.624	.624	0	%100
115	M125	X	.36	.36	0	%100
116	M125	Z	.624	.624	0	%100
117	M132	X	.291	.291	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
118	M132	Z	.504	.504	0	%100
119	M133	X	.291	.291	0	%100
120	M133	Z	.504	.504	0	%100
121	M134	X	.472	.472	0	%100
122	M134	Z	.818	.818	0	%100
123	M135	X	.472	.472	0	%100
124	M135	Z	.818	.818	0	%100
125	M136	X	.291	.291	0	%100
126	M136	Z	.504	.504	0	%100
127	M137	X	.291	.291	0	%100
128	M137	Z	.504	.504	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.212	.212	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	.758	.758	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.242	.242	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	.242	.242	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	.391	.391	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	.217	.217	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	.869	.869	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	1.173	1.173	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	.398	.398	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	.42	.42	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	1.173	1.173	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	1.594	1.594	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	1.679	1.679	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	.758	.758	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	.242	.242	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	.242	.242	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	.391	.391	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	.869	.869	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	.217	.217	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	1.173	1.173	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	1.594	1.594	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
43	M66	X	0	0	0	%100
44	M66	Z	1.679	1.679	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	1.173	1.173	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	.398	.398	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	.42	.42	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	.967	.967	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	.967	.967	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	1.565	1.565	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	.217	.217	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	.217	.217	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	.398	.398	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	.42	.42	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	.398	.398	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	.42	.42	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	.212	.212	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	.849	.849	0	%100
79	MP4C	X	0	0	0	%100
80	MP4C	Z	.619	.619	0	%100
81	MP3C	X	0	0	0	%100
82	MP3C	Z	.619	.619	0	%100
83	MP1C	X	0	0	0	%100
84	MP1C	Z	.619	.619	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	.75	.75	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	.619	.619	0	%100
89	MP3B	X	0	0	0	%100
90	MP3B	Z	.619	.619	0	%100
91	MP1B	X	0	0	0	%100
92	MP1B	Z	.619	.619	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	.75	.75	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	.619	.619	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	.619	.619	0	%100
99	MP1A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
100	MP1A	Z	.619	.619	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	.75	.75	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	.506	.506	0	%100
105	M106	X	0	0	0	%100
106	M106	Z	.75	.75	0	%100
107	M113	X	0	0	0	%100
108	M113	Z	.187	.187	0	%100
109	M120	X	0	0	0	%100
110	M120	Z	.187	.187	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	.24	.24	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	.961	.961	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	.24	.24	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	.461	.461	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	.461	.461	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	.824	.824	0	%100
123	M135	X	0	0	0	%100
124	M135	Z	.824	.824	0	%100
125	M136	X	0	0	0	%100
126	M136	Z	.824	.824	0	%100
127	M137	X	0	0	0	%100
128	M137	Z	.824	.824	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.318	-.318	0	%100
2	M1	Z	.551	.551	0	%100
3	M4	X	-.126	-.126	0	%100
4	M4	Z	.219	.219	0	%100
5	M10	X	-.363	-.363	0	%100
6	M10	Z	.628	.628	0	%100
7	M43	X	-.363	-.363	0	%100
8	M43	Z	.628	.628	0	%100
9	M46	X	-.587	-.587	0	%100
10	M46	Z	1.016	1.016	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-.326	-.326	0	%100
14	M52B	Z	.564	.564	0	%100
15	M76	X	-.196	-.196	0	%100
16	M76	Z	.339	.339	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-.196	-.196	0	%100
22	M84	Z	.339	.339	0	%100
23	M85	X	-.598	-.598	0	%100
24	M85	Z	1.035	1.035	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M91	X	-.629	-.629	0	%100
26	M91	Z	1.09	1.09	0	%100
27	M52A	X	-.506	-.506	0	%100
28	M52A	Z	.876	.876	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	-.326	-.326	0	%100
36	M58A	Z	.564	.564	0	%100
37	M59A	X	-.326	-.326	0	%100
38	M59A	Z	.564	.564	0	%100
39	M63	X	-.782	-.782	0	%100
40	M63	Z	1.355	1.355	0	%100
41	M64	X	-.598	-.598	0	%100
42	M64	Z	1.035	1.035	0	%100
43	M66	X	-.629	-.629	0	%100
44	M66	Z	1.09	1.09	0	%100
45	M68	X	-.782	-.782	0	%100
46	M68	Z	1.355	1.355	0	%100
47	M69	X	-.598	-.598	0	%100
48	M69	Z	1.035	1.035	0	%100
49	M71	X	-.629	-.629	0	%100
50	M71	Z	1.09	1.09	0	%100
51	M76A	X	-.126	-.126	0	%100
52	M76A	Z	.219	.219	0	%100
53	M77A	X	-.363	-.363	0	%100
54	M77A	Z	.628	.628	0	%100
55	M78	X	-.363	-.363	0	%100
56	M78	Z	.628	.628	0	%100
57	M79A	X	-.587	-.587	0	%100
58	M79A	Z	1.016	1.016	0	%100
59	M82	X	-.326	-.326	0	%100
60	M82	Z	.564	.564	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	-.196	-.196	0	%100
64	M87	Z	.339	.339	0	%100
65	M88A	X	-.598	-.598	0	%100
66	M88A	Z	1.035	1.035	0	%100
67	M90	X	-.629	-.629	0	%100
68	M90	Z	1.09	1.09	0	%100
69	M92A	X	-.196	-.196	0	%100
70	M92A	Z	.339	.339	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	-.318	-.318	0	%100
78	M91B	Z	.551	.551	0	%100
79	MP4C	X	-.31	-.31	0	%100
80	MP4C	Z	.536	.536	0	%100
81	MP3C	X	-.31	-.31	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
82	MP3C	Z	.536	.536	0	%100
83	MP1C	X	-.31	-.31	0	%100
84	MP1C	Z	.536	.536	0	%100
85	MP2C	X	-.375	-.375	0	%100
86	MP2C	Z	.649	.649	0	%100
87	MP4B	X	-.31	-.31	0	%100
88	MP4B	Z	.536	.536	0	%100
89	MP3B	X	-.31	-.31	0	%100
90	MP3B	Z	.536	.536	0	%100
91	MP1B	X	-.31	-.31	0	%100
92	MP1B	Z	.536	.536	0	%100
93	MP2B	X	-.375	-.375	0	%100
94	MP2B	Z	.649	.649	0	%100
95	MP4A	X	-.31	-.31	0	%100
96	MP4A	Z	.536	.536	0	%100
97	MP3A	X	-.31	-.31	0	%100
98	MP3A	Z	.536	.536	0	%100
99	MP1A	X	-.31	-.31	0	%100
100	MP1A	Z	.536	.536	0	%100
101	MP2A	X	-.375	-.375	0	%100
102	MP2A	Z	.649	.649	0	%100
103	M101	X	-.253	-.253	0	%100
104	M101	Z	.439	.439	0	%100
105	M106	X	-.281	-.281	0	%100
106	M106	Z	.487	.487	0	%100
107	M113	X	-.281	-.281	0	%100
108	M113	Z	.487	.487	0	%100
109	M120	X	0	0	0	%100
110	M120	Z	0	0	0	%100
111	M123	X	-.36	-.36	0	%100
112	M123	Z	.624	.624	0	%100
113	M124	X	-.36	-.36	0	%100
114	M124	Z	.624	.624	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100
117	M132	X	-.291	-.291	0	%100
118	M132	Z	.504	.504	0	%100
119	M133	X	-.291	-.291	0	%100
120	M133	Z	.504	.504	0	%100
121	M134	X	-.291	-.291	0	%100
122	M134	Z	.504	.504	0	%100
123	M135	X	-.291	-.291	0	%100
124	M135	Z	.504	.504	0	%100
125	M136	X	-.472	-.472	0	%100
126	M136	Z	.818	.818	0	%100
127	M137	X	-.472	-.472	0	%100
128	M137	Z	.818	.818	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.735	-.735	0	%100
2	M1	Z	.424	.424	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	-.837	-.837	0	%100
6	M10	Z	.484	.484	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
7	M43	X	-.837	-.837	0	%100
8	M43	Z	.484	.484	0	%100
9	M46	X	-1.355	-1.355	0	%100
10	M46	Z	.782	.782	0	%100
11	M51B	X	-.188	-.188	0	%100
12	M51B	Z	.109	.109	0	%100
13	M52B	X	-.188	-.188	0	%100
14	M52B	Z	.109	.109	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-.345	-.345	0	%100
18	M77	Z	.199	.199	0	%100
19	M80	X	-.363	-.363	0	%100
20	M80	Z	.21	.21	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-.345	-.345	0	%100
24	M85	Z	.199	.199	0	%100
25	M91	X	-.363	-.363	0	%100
26	M91	Z	.21	.21	0	%100
27	M52A	X	-.657	-.657	0	%100
28	M52A	Z	.379	.379	0	%100
29	M53	X	-.209	-.209	0	%100
30	M53	Z	.121	.121	0	%100
31	M54	X	-.209	-.209	0	%100
32	M54	Z	.121	.121	0	%100
33	M55	X	-.339	-.339	0	%100
34	M55	Z	.196	.196	0	%100
35	M58A	X	-.188	-.188	0	%100
36	M58A	Z	.109	.109	0	%100
37	M59A	X	-.752	-.752	0	%100
38	M59A	Z	.434	.434	0	%100
39	M63	X	-1.016	-1.016	0	%100
40	M63	Z	.587	.587	0	%100
41	M64	X	-.345	-.345	0	%100
42	M64	Z	.199	.199	0	%100
43	M66	X	-.363	-.363	0	%100
44	M66	Z	.21	.21	0	%100
45	M68	X	-1.016	-1.016	0	%100
46	M68	Z	.587	.587	0	%100
47	M69	X	-1.38	-1.38	0	%100
48	M69	Z	.797	.797	0	%100
49	M71	X	-1.454	-1.454	0	%100
50	M71	Z	.839	.839	0	%100
51	M76A	X	-.657	-.657	0	%100
52	M76A	Z	.379	.379	0	%100
53	M77A	X	-.209	-.209	0	%100
54	M77A	Z	.121	.121	0	%100
55	M78	X	-.209	-.209	0	%100
56	M78	Z	.121	.121	0	%100
57	M79A	X	-.339	-.339	0	%100
58	M79A	Z	.196	.196	0	%100
59	M82	X	-.752	-.752	0	%100
60	M82	Z	.434	.434	0	%100
61	M83A	X	-.188	-.188	0	%100
62	M83A	Z	.109	.109	0	%100
63	M87	X	-1.016	-1.016	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
64	M87	Z	.587	.587	0	%100
65	M88A	X	-1.38	-1.38	0	%100
66	M88A	Z	.797	.797	0	%100
67	M90	X	-1.454	-1.454	0	%100
68	M90	Z	.839	.839	0	%100
69	M92A	X	-1.016	-1.016	0	%100
70	M92A	Z	.587	.587	0	%100
71	M93	X	-.345	-.345	0	%100
72	M93	Z	.199	.199	0	%100
73	M95	X	-.363	-.363	0	%100
74	M95	Z	.21	.21	0	%100
75	M82A	X	-.184	-.184	0	%100
76	M82A	Z	.106	.106	0	%100
77	M91B	X	-.184	-.184	0	%100
78	M91B	Z	.106	.106	0	%100
79	MP4C	X	-.536	-.536	0	%100
80	MP4C	Z	.31	.31	0	%100
81	MP3C	X	-.536	-.536	0	%100
82	MP3C	Z	.31	.31	0	%100
83	MP1C	X	-.536	-.536	0	%100
84	MP1C	Z	.31	.31	0	%100
85	MP2C	X	-.649	-.649	0	%100
86	MP2C	Z	.375	.375	0	%100
87	MP4B	X	-.536	-.536	0	%100
88	MP4B	Z	.31	.31	0	%100
89	MP3B	X	-.536	-.536	0	%100
90	MP3B	Z	.31	.31	0	%100
91	MP1B	X	-.536	-.536	0	%100
92	MP1B	Z	.31	.31	0	%100
93	MP2B	X	-.649	-.649	0	%100
94	MP2B	Z	.375	.375	0	%100
95	MP4A	X	-.536	-.536	0	%100
96	MP4A	Z	.31	.31	0	%100
97	MP3A	X	-.536	-.536	0	%100
98	MP3A	Z	.31	.31	0	%100
99	MP1A	X	-.536	-.536	0	%100
100	MP1A	Z	.31	.31	0	%100
101	MP2A	X	-.649	-.649	0	%100
102	MP2A	Z	.375	.375	0	%100
103	M101	X	-.439	-.439	0	%100
104	M101	Z	.253	.253	0	%100
105	M106	X	-.162	-.162	0	%100
106	M106	Z	.094	.094	0	%100
107	M113	X	-.649	-.649	0	%100
108	M113	Z	.375	.375	0	%100
109	M120	X	-.162	-.162	0	%100
110	M120	Z	.094	.094	0	%100
111	M123	X	-.832	-.832	0	%100
112	M123	Z	.48	.48	0	%100
113	M124	X	-.208	-.208	0	%100
114	M124	Z	.12	.12	0	%100
115	M125	X	-.208	-.208	0	%100
116	M125	Z	.12	.12	0	%100
117	M132	X	-.714	-.714	0	%100
118	M132	Z	.412	.412	0	%100
119	M133	X	-.714	-.714	0	%100
120	M133	Z	.412	.412	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
121	M134	X	-.399	-.399	0	%100
122	M134	Z	.23	.23	0	%100
123	M135	X	-.399	-.399	0	%100
124	M135	Z	.23	.23	0	%100
125	M136	X	-.714	-.714	0	%100
126	M136	Z	.412	.412	0	%100
127	M137	X	-.714	-.714	0	%100
128	M137	Z	.412	.412	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.636	-.636	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.253	-.253	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	-.725	-.725	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	-.725	-.725	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	-1.173	-1.173	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-.652	-.652	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-.391	-.391	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-1.195	-1.195	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	-1.259	-1.259	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-.391	-.391	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	-.253	-.253	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	-.725	-.725	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	-.725	-.725	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	-1.173	-1.173	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	-.652	-.652	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	-.391	-.391	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	-.391	-.391	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M68	Z	0	0	0	%100
47	M69	X	-1.195	-1.195	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	-1.259	-1.259	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	-1.011	-1.011	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	-.652	-.652	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	-.652	-.652	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	-1.565	-1.565	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	-1.195	-1.195	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	-1.259	-1.259	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	-1.565	-1.565	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	-1.195	-1.195	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	-1.259	-1.259	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	-.636	-.636	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	0	0	0	%100
79	MP4C	X	-.619	-.619	0	%100
80	MP4C	Z	0	0	0	%100
81	MP3C	X	-.619	-.619	0	%100
82	MP3C	Z	0	0	0	%100
83	MP1C	X	-.619	-.619	0	%100
84	MP1C	Z	0	0	0	%100
85	MP2C	X	-.75	-.75	0	%100
86	MP2C	Z	0	0	0	%100
87	MP4B	X	-.619	-.619	0	%100
88	MP4B	Z	0	0	0	%100
89	MP3B	X	-.619	-.619	0	%100
90	MP3B	Z	0	0	0	%100
91	MP1B	X	-.619	-.619	0	%100
92	MP1B	Z	0	0	0	%100
93	MP2B	X	-.75	-.75	0	%100
94	MP2B	Z	0	0	0	%100
95	MP4A	X	-.619	-.619	0	%100
96	MP4A	Z	0	0	0	%100
97	MP3A	X	-.619	-.619	0	%100
98	MP3A	Z	0	0	0	%100
99	MP1A	X	-.619	-.619	0	%100
100	MP1A	Z	0	0	0	%100
101	MP2A	X	-.75	-.75	0	%100
102	MP2A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M101	X	-.506	-.506	0	%100
104	M101	Z	0	0	0	%100
105	M106	X	0	0	0	%100
106	M106	Z	0	0	0	%100
107	M113	X	-.562	-.562	0	%100
108	M113	Z	0	0	0	%100
109	M120	X	-.562	-.562	0	%100
110	M120	Z	0	0	0	%100
111	M123	X	-.721	-.721	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-.721	-.721	0	%100
116	M125	Z	0	0	0	%100
117	M132	X	-.945	-.945	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-.945	-.945	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	-.582	-.582	0	%100
122	M134	Z	0	0	0	%100
123	M135	X	-.582	-.582	0	%100
124	M135	Z	0	0	0	%100
125	M136	X	-.582	-.582	0	%100
126	M136	Z	0	0	0	%100
127	M137	X	-.582	-.582	0	%100
128	M137	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.184	-.184	0	%100
2	M1	Z	-.106	-.106	0	%100
3	M4	X	-.657	-.657	0	%100
4	M4	Z	-.379	-.379	0	%100
5	M10	X	-.209	-.209	0	%100
6	M10	Z	-.121	-.121	0	%100
7	M43	X	-.209	-.209	0	%100
8	M43	Z	-.121	-.121	0	%100
9	M46	X	-.339	-.339	0	%100
10	M46	Z	-.196	-.196	0	%100
11	M51B	X	-.752	-.752	0	%100
12	M51B	Z	-.434	-.434	0	%100
13	M52B	X	-.188	-.188	0	%100
14	M52B	Z	-.109	-.109	0	%100
15	M76	X	-1.016	-1.016	0	%100
16	M76	Z	-.587	-.587	0	%100
17	M77	X	-1.38	-1.38	0	%100
18	M77	Z	-.797	-.797	0	%100
19	M80	X	-1.454	-1.454	0	%100
20	M80	Z	-.839	-.839	0	%100
21	M84	X	-1.016	-1.016	0	%100
22	M84	Z	-.587	-.587	0	%100
23	M85	X	-.345	-.345	0	%100
24	M85	Z	-.199	-.199	0	%100
25	M91	X	-.363	-.363	0	%100
26	M91	Z	-.21	-.21	0	%100
27	M52A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M52A	Z	0	0	0	%100
29	M53	X	-.837	-.837	0	%100
30	M53	Z	-.484	-.484	0	%100
31	M54	X	-.837	-.837	0	%100
32	M54	Z	-.484	-.484	0	%100
33	M55	X	-1.355	-1.355	0	%100
34	M55	Z	-.782	-.782	0	%100
35	M58A	X	-.188	-.188	0	%100
36	M58A	Z	-.109	-.109	0	%100
37	M59A	X	-.188	-.188	0	%100
38	M59A	Z	-.109	-.109	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	-.345	-.345	0	%100
42	M64	Z	-.199	-.199	0	%100
43	M66	X	-.363	-.363	0	%100
44	M66	Z	-.21	-.21	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	-.345	-.345	0	%100
48	M69	Z	-.199	-.199	0	%100
49	M71	X	-.363	-.363	0	%100
50	M71	Z	-.21	-.21	0	%100
51	M76A	X	-.657	-.657	0	%100
52	M76A	Z	-.379	-.379	0	%100
53	M77A	X	-.209	-.209	0	%100
54	M77A	Z	-.121	-.121	0	%100
55	M78	X	-.209	-.209	0	%100
56	M78	Z	-.121	-.121	0	%100
57	M79A	X	-.339	-.339	0	%100
58	M79A	Z	-.196	-.196	0	%100
59	M82	X	-.188	-.188	0	%100
60	M82	Z	-.109	-.109	0	%100
61	M83A	X	-.752	-.752	0	%100
62	M83A	Z	-.434	-.434	0	%100
63	M87	X	-1.016	-1.016	0	%100
64	M87	Z	-.587	-.587	0	%100
65	M88A	X	-.345	-.345	0	%100
66	M88A	Z	-.199	-.199	0	%100
67	M90	X	-.363	-.363	0	%100
68	M90	Z	-.21	-.21	0	%100
69	M92A	X	-1.016	-1.016	0	%100
70	M92A	Z	-.587	-.587	0	%100
71	M93	X	-1.38	-1.38	0	%100
72	M93	Z	-.797	-.797	0	%100
73	M95	X	-1.454	-1.454	0	%100
74	M95	Z	-.839	-.839	0	%100
75	M82A	X	-.735	-.735	0	%100
76	M82A	Z	-.424	-.424	0	%100
77	M91B	X	-.184	-.184	0	%100
78	M91B	Z	-.106	-.106	0	%100
79	MP4C	X	-.536	-.536	0	%100
80	MP4C	Z	-.31	-.31	0	%100
81	MP3C	X	-.536	-.536	0	%100
82	MP3C	Z	-.31	-.31	0	%100
83	MP1C	X	-.536	-.536	0	%100
84	MP1C	Z	-.31	-.31	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP2C	X	-.649	-.649	0	%100
86	MP2C	Z	-.375	-.375	0	%100
87	MP4B	X	-.536	-.536	0	%100
88	MP4B	Z	-.31	-.31	0	%100
89	MP3B	X	-.536	-.536	0	%100
90	MP3B	Z	-.31	-.31	0	%100
91	MP1B	X	-.536	-.536	0	%100
92	MP1B	Z	-.31	-.31	0	%100
93	MP2B	X	-.649	-.649	0	%100
94	MP2B	Z	-.375	-.375	0	%100
95	MP4A	X	-.536	-.536	0	%100
96	MP4A	Z	-.31	-.31	0	%100
97	MP3A	X	-.536	-.536	0	%100
98	MP3A	Z	-.31	-.31	0	%100
99	MP1A	X	-.536	-.536	0	%100
100	MP1A	Z	-.31	-.31	0	%100
101	MP2A	X	-.649	-.649	0	%100
102	MP2A	Z	-.375	-.375	0	%100
103	M101	X	-.439	-.439	0	%100
104	M101	Z	-.253	-.253	0	%100
105	M106	X	-.162	-.162	0	%100
106	M106	Z	-.094	-.094	0	%100
107	M113	X	-.162	-.162	0	%100
108	M113	Z	-.094	-.094	0	%100
109	M120	X	-.649	-.649	0	%100
110	M120	Z	-.375	-.375	0	%100
111	M123	X	-.208	-.208	0	%100
112	M123	Z	-.12	-.12	0	%100
113	M124	X	-.208	-.208	0	%100
114	M124	Z	-.12	-.12	0	%100
115	M125	X	-.832	-.832	0	%100
116	M125	Z	-.48	-.48	0	%100
117	M132	X	-.714	-.714	0	%100
118	M132	Z	-.412	-.412	0	%100
119	M133	X	-.714	-.714	0	%100
120	M133	Z	-.412	-.412	0	%100
121	M134	X	-.714	-.714	0	%100
122	M134	Z	-.412	-.412	0	%100
123	M135	X	-.714	-.714	0	%100
124	M135	Z	-.412	-.412	0	%100
125	M136	X	-.399	-.399	0	%100
126	M136	Z	-.23	-.23	0	%100
127	M137	X	-.399	-.399	0	%100
128	M137	Z	-.23	-.23	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.506	-.506	0	%100
4	M4	Z	-.876	-.876	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M46	Z	0	0	0	%100
11	M51B	X	-.326	-.326	0	%100
12	M51B	Z	-.564	-.564	0	%100
13	M52B	X	-.326	-.326	0	%100
14	M52B	Z	-.564	-.564	0	%100
15	M76	X	-.782	-.782	0	%100
16	M76	Z	-1.355	-1.355	0	%100
17	M77	X	-.598	-.598	0	%100
18	M77	Z	-1.035	-1.035	0	%100
19	M80	X	-.629	-.629	0	%100
20	M80	Z	-1.09	-1.09	0	%100
21	M84	X	-.782	-.782	0	%100
22	M84	Z	-1.355	-1.355	0	%100
23	M85	X	-.598	-.598	0	%100
24	M85	Z	-1.035	-1.035	0	%100
25	M91	X	-.629	-.629	0	%100
26	M91	Z	-1.09	-1.09	0	%100
27	M52A	X	-.126	-.126	0	%100
28	M52A	Z	-.219	-.219	0	%100
29	M53	X	-.363	-.363	0	%100
30	M53	Z	-.628	-.628	0	%100
31	M54	X	-.363	-.363	0	%100
32	M54	Z	-.628	-.628	0	%100
33	M55	X	-.587	-.587	0	%100
34	M55	Z	-1.016	-1.016	0	%100
35	M58A	X	-.326	-.326	0	%100
36	M58A	Z	-.564	-.564	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	-.196	-.196	0	%100
40	M63	Z	-.339	-.339	0	%100
41	M64	X	-.598	-.598	0	%100
42	M64	Z	-1.035	-1.035	0	%100
43	M66	X	-.629	-.629	0	%100
44	M66	Z	-1.09	-1.09	0	%100
45	M68	X	-.196	-.196	0	%100
46	M68	Z	-.339	-.339	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	-.126	-.126	0	%100
52	M76A	Z	-.219	-.219	0	%100
53	M77A	X	-.363	-.363	0	%100
54	M77A	Z	-.628	-.628	0	%100
55	M78	X	-.363	-.363	0	%100
56	M78	Z	-.628	-.628	0	%100
57	M79A	X	-.587	-.587	0	%100
58	M79A	Z	-1.016	-1.016	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	-.326	-.326	0	%100
62	M83A	Z	-.564	-.564	0	%100
63	M87	X	-.196	-.196	0	%100
64	M87	Z	-.339	-.339	0	%100
65	M88A	X	0	0	0	%100
66	M88A	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,F...	Start Location[ft,%]	End Location[ft,%]
67	M90	X	0	0	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	-.196	-.196	0	%100
70	M92A	Z	-.339	-.339	0	%100
71	M93	X	-.598	-.598	0	%100
72	M93	Z	-1.035	-1.035	0	%100
73	M95	X	-.629	-.629	0	%100
74	M95	Z	-1.09	-1.09	0	%100
75	M82A	X	-.318	-.318	0	%100
76	M82A	Z	-.551	-.551	0	%100
77	M91B	X	-.318	-.318	0	%100
78	M91B	Z	-.551	-.551	0	%100
79	MP4C	X	-.31	-.31	0	%100
80	MP4C	Z	-.536	-.536	0	%100
81	MP3C	X	-.31	-.31	0	%100
82	MP3C	Z	-.536	-.536	0	%100
83	MP1C	X	-.31	-.31	0	%100
84	MP1C	Z	-.536	-.536	0	%100
85	MP2C	X	-.375	-.375	0	%100
86	MP2C	Z	-.649	-.649	0	%100
87	MP4B	X	-.31	-.31	0	%100
88	MP4B	Z	-.536	-.536	0	%100
89	MP3B	X	-.31	-.31	0	%100
90	MP3B	Z	-.536	-.536	0	%100
91	MP1B	X	-.31	-.31	0	%100
92	MP1B	Z	-.536	-.536	0	%100
93	MP2B	X	-.375	-.375	0	%100
94	MP2B	Z	-.649	-.649	0	%100
95	MP4A	X	-.31	-.31	0	%100
96	MP4A	Z	-.536	-.536	0	%100
97	MP3A	X	-.31	-.31	0	%100
98	MP3A	Z	-.536	-.536	0	%100
99	MP1A	X	-.31	-.31	0	%100
100	MP1A	Z	-.536	-.536	0	%100
101	MP2A	X	-.375	-.375	0	%100
102	MP2A	Z	-.649	-.649	0	%100
103	M101	X	-.253	-.253	0	%100
104	M101	Z	-.439	-.439	0	%100
105	M106	X	-.281	-.281	0	%100
106	M106	Z	-.487	-.487	0	%100
107	M113	X	0	0	0	%100
108	M113	Z	0	0	0	%100
109	M120	X	-.281	-.281	0	%100
110	M120	Z	-.487	-.487	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-.36	-.36	0	%100
114	M124	Z	-.624	-.624	0	%100
115	M125	X	-.36	-.36	0	%100
116	M125	Z	-.624	-.624	0	%100
117	M132	X	-.291	-.291	0	%100
118	M132	Z	-.504	-.504	0	%100
119	M133	X	-.291	-.291	0	%100
120	M133	Z	-.504	-.504	0	%100
121	M134	X	-.472	-.472	0	%100
122	M134	Z	-.818	-.818	0	%100
123	M135	X	-.472	-.472	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
124	M135	Z	-.818	-.818	0	%100
125	M136	X	-.291	-.291	0	%100
126	M136	Z	-.504	-.504	0	%100
127	M137	X	-.291	-.291	0	%100
128	M137	Z	-.504	-.504	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-1.665	-4.226	0	.832
2	M51B	Y	-4.226	-6.901	.832	1.665
3	M51B	Y	-6.901	-8.189	1.665	2.497
4	M51B	Y	-8.189	-6.544	2.497	3.329
5	M51B	Y	-6.544	-3.463	3.329	4.162
6	M52B	Y	-3.469	-6.578	0	.832
7	M52B	Y	-6.578	-8.256	.832	1.665
8	M52B	Y	-8.256	-7.041	1.665	2.497
9	M52B	Y	-7.041	-4.429	2.497	3.329
10	M52B	Y	-4.429	-1.881	3.329	4.162
11	M58A	Y	-1.883	-4.428	0	.832
12	M58A	Y	-4.428	-7.048	.832	1.665
13	M58A	Y	-7.048	-8.261	1.665	2.497
14	M58A	Y	-8.261	-6.572	2.497	3.329
15	M58A	Y	-6.572	-3.462	3.329	4.162
16	M59A	Y	-3.463	-6.544	0	.832
17	M59A	Y	-6.544	-8.187	.832	1.665
18	M59A	Y	-8.187	-6.899	1.665	2.497
19	M59A	Y	-6.899	-4.227	2.497	3.329
20	M59A	Y	-4.227	-1.664	3.329	4.162
21	M82	Y	-1.884	-4.426	0	.832
22	M82	Y	-4.426	-7.044	.832	1.665
23	M82	Y	-7.044	-8.26	1.665	2.497
24	M82	Y	-8.26	-6.573	2.497	3.329
25	M82	Y	-6.573	-3.462	3.329	4.162
26	M83A	Y	-3.463	-6.545	0	.832
27	M83A	Y	-6.545	-8.189	.832	1.665
28	M83A	Y	-8.189	-6.902	1.665	2.497
29	M83A	Y	-6.902	-4.228	2.497	3.329
30	M83A	Y	-4.228	-1.661	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-3.216	-8.162	0	.832
2	M51B	Y	-8.162	-13.328	.832	1.665
3	M51B	Y	-13.328	-15.817	1.665	2.497
4	M51B	Y	-15.817	-12.638	2.497	3.329
5	M51B	Y	-12.638	-6.688	3.329	4.162
6	M52B	Y	-6.7	-12.704	0	.832
7	M52B	Y	-12.704	-15.944	.832	1.665
8	M52B	Y	-15.944	-13.599	1.665	2.497
9	M52B	Y	-13.599	-8.554	2.497	3.329
10	M52B	Y	-8.554	-3.633	3.329	4.162
11	M58A	Y	-3.636	-8.551	0	.832
12	M58A	Y	-8.551	-13.612	.832	1.665
13	M58A	Y	-13.612	-15.955	1.665	2.497
14	M58A	Y	-15.955	-12.693	2.497	3.329
15	M58A	Y	-12.693	-6.687	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M59A	Y	-6.688	-12.639	0	.832
17	M59A	Y	-12.639	-15.813	.832	1.665
18	M59A	Y	-15.813	-13.325	1.665	2.497
19	M59A	Y	-13.325	-8.164	2.497	3.329
20	M59A	Y	-8.164	-3.213	3.329	4.162
21	M82	Y	-3.636	-8.551	0	.832
22	M82	Y	-8.551	-13.612	.832	1.665
23	M82	Y	-13.612	-15.955	1.665	2.497
24	M82	Y	-15.955	-12.693	2.497	3.329
25	M82	Y	-12.693	-6.687	3.329	4.162
26	M83A	Y	-6.688	-12.639	0	.832
27	M83A	Y	-12.639	-15.813	.832	1.665
28	M83A	Y	-15.813	-13.325	1.665	2.497
29	M83A	Y	-13.325	-8.164	2.497	3.329
30	M83A	Y	-8.164	-3.213	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-.066	-.168	0	.832
2	M51B	Y	-.168	-.275	.832	1.665
3	M51B	Y	-.275	-.326	1.665	2.497
4	M51B	Y	-.326	-.26	2.497	3.329
5	M51B	Y	-.26	-.138	3.329	4.162
6	M52B	Y	-.138	-.262	0	.832
7	M52B	Y	-.262	-.329	.832	1.665
8	M52B	Y	-.329	-.28	1.665	2.497
9	M52B	Y	-.28	-.176	2.497	3.329
10	M52B	Y	-.176	-.075	3.329	4.162
11	M58A	Y	-.075	-.176	0	.832
12	M58A	Y	-.176	-.281	.832	1.665
13	M58A	Y	-.281	-.329	1.665	2.497
14	M58A	Y	-.329	-.262	2.497	3.329
15	M58A	Y	-.262	-.138	3.329	4.162
16	M59A	Y	-.138	-.261	0	.832
17	M59A	Y	-.261	-.326	.832	1.665
18	M59A	Y	-.326	-.275	1.665	2.497
19	M59A	Y	-.275	-.168	2.497	3.329
20	M59A	Y	-.168	-.066	3.329	4.162
21	M82	Y	-.075	-.176	0	.832
22	M82	Y	-.176	-.28	.832	1.665
23	M82	Y	-.28	-.329	1.665	2.497
24	M82	Y	-.329	-.262	2.497	3.329
25	M82	Y	-.262	-.138	3.329	4.162
26	M83A	Y	-.138	-.261	0	.832
27	M83A	Y	-.261	-.326	.832	1.665
28	M83A	Y	-.326	-.275	1.665	2.497
29	M83A	Y	-.275	-.168	2.497	3.329
30	M83A	Y	-.168	-.066	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M51B	Z	-.166	-.422	0	.832
2	M51B	Z	-.422	-.689	.832	1.665
3	M51B	Z	-.689	-.817	1.665	2.497
4	M51B	Z	-.817	-.653	2.497	3.329
5	M51B	Z	-.653	-.346	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
6	M52B	Z	-.346	-.656	0	.832
7	M52B	Z	-.656	-.824	.832	1.665
8	M52B	Z	-.824	-.703	1.665	2.497
9	M52B	Z	-.703	-.442	2.497	3.329
10	M52B	Z	-.442	-.188	3.329	4.162
11	M58A	Z	-.188	-.442	0	.832
12	M58A	Z	-.442	-.703	.832	1.665
13	M58A	Z	-.703	-.825	1.665	2.497
14	M58A	Z	-.825	-.656	2.497	3.329
15	M58A	Z	-.656	-.346	3.329	4.162
16	M59A	Z	-.346	-.653	0	.832
17	M59A	Z	-.653	-.817	.832	1.665
18	M59A	Z	-.817	-.689	1.665	2.497
19	M59A	Z	-.689	-.422	2.497	3.329
20	M59A	Z	-.422	-.166	3.329	4.162
21	M82	Z	-.188	-.442	0	.832
22	M82	Z	-.442	-.703	.832	1.665
23	M82	Z	-.703	-.824	1.665	2.497
24	M82	Z	-.824	-.656	2.497	3.329
25	M82	Z	-.656	-.345	3.329	4.162
26	M83A	Z	-.346	-.653	0	.832
27	M83A	Z	-.653	-.817	.832	1.665
28	M83A	Z	-.817	-.689	1.665	2.497
29	M83A	Z	-.689	-.422	2.497	3.329
30	M83A	Z	-.422	-.166	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M51B	X	.166	.422	0	.832
2	M51B	X	.422	.689	.832	1.665
3	M51B	X	.689	.817	1.665	2.497
4	M51B	X	.817	.653	2.497	3.329
5	M51B	X	.653	.346	3.329	4.162
6	M52B	X	.346	.656	0	.832
7	M52B	X	.656	.824	.832	1.665
8	M52B	X	.824	.703	1.665	2.497
9	M52B	X	.703	.442	2.497	3.329
10	M52B	X	.442	.188	3.329	4.162
11	M58A	X	.188	.442	0	.832
12	M58A	X	.442	.703	.832	1.665
13	M58A	X	.703	.825	1.665	2.497
14	M58A	X	.825	.656	2.497	3.329
15	M58A	X	.656	.346	3.329	4.162
16	M59A	X	.346	.653	0	.832
17	M59A	X	.653	.817	.832	1.665
18	M59A	X	.817	.689	1.665	2.497
19	M59A	X	.689	.422	2.497	3.329
20	M59A	X	.422	.166	3.329	4.162
21	M82	X	.188	.442	0	.832
22	M82	X	.442	.703	.832	1.665
23	M82	X	.703	.824	1.665	2.497
24	M82	X	.824	.656	2.497	3.329
25	M82	X	.656	.345	3.329	4.162
26	M83A	X	.346	.653	0	.832
27	M83A	X	.653	.817	.832	1.665
28	M83A	X	.817	.689	1.665	2.497

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M83A	X	.689	.422	2.497	3.329
30	M83A	X	.422	.166	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	Y	Two Way	-.005
2	N89	N111	N113	N90	Y	Two Way	-.005
3	N139	N141	N118	N117	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	Y	Two Way	-.01
2	N89	N111	N113	N90	Y	Two Way	-.01
3	N117	N139	N141	N118	Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	Y	Two Way	-.000207
2	N89	N111	N113	N90	Y	Two Way	-.000207
3	N139	N141	N118	N117	Y	Two Way	-.000207

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	Z	Two Way	-.000519
2	N89	N111	N113	N90	Z	Two Way	-.000519
3	N139	N141	N118	N117	Z	Two Way	-.000519

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	X	Two Way	.000519
2	N89	N111	N113	N90	X	Two Way	.000519
3	N139	N141	N118	N117	X	Two Way	.000519

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N3	max	1692.546	10	2316.339	21	2107.712	1	.557	2	2.238	12	.428	3
2		min	-2062.098	4	166.726	3	-1900.536	7	-1.995	8	-2.236	6	-3.095	21
3	N87D	max	2120.118	10	2350.505	17	1883.449	1	.515	12	2.033	8	3.179	17
4		min	-1752.365	4	147.245	11	-1664.62	7	-2.006	6	-2.021	2	-.532	11
5	N115	max	1961.279	10	2530.638	13	2191.006	1	3.878	1	2.095	4	.83	4
6		min	-1959.483	4	167.529	7	-2617.003	7	-.798	7	-2.088	10	-.771	10
7	Totals:	max	5773.944	10	6642.718	17	6182.167	1						
8		min	-5773.945	4	2229.78	74	-6182.159	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	M1	PIPE_3.0	.101	7.943	6	.085	4.297		15	28250.554	65205	5.749	5.749	3...	H1-1b
2	M4	HSS4X4X3	.346	0	7	.133	0	z	12	95848.971	106812	12.662	12.662	2...	H1-1b
3	M10	L3X3X3	.494	2.375	11	.414	.223	z	10	26973.922	35316	1.32	2.833	1...	H2-1
4	M43	L3X3X3	.525	0	8	.458	2.152	z	8	26973.922	35316	1.32	2.833	1...	H2-1

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
5	M46	PL3/8x6	.268	.516	8	.131	.516	y	8	36639.477	72900	.57	9.113	1...	H1-1b
6	M51B	L2x2x3	.317	4.162	10	.019	0	y	15	9823.122	23392.8	.558	1.117	1...	H2-1
7	M52B	L2x2x3	.361	0	8	.018	4.162	y	15	9823.122	23392.8	.558	1.11	1...	H2-1
8	M76	PL3/8x6	.254	0	12	.140	0	y	11	70677.939	72900	.57	9.113	2...	H1-1b
9	M77	PL3/8x6	.214	.167	10	.099	0	y	11	71601.728	72900	.57	9.113	1...	H1-1b
10	M80	PL3/8x6	.099	.112	9	.082	0	y	11	72311.05	72900	.57	9.113	1...	H1-1b
11	M84	PL3/8x6	.190	0	3	.130	0	y	8	70677.939	72900	.57	9.113	1...	H1-1b
12	M85	PL3/8x6	.248	.167	8	.104	0	y	8	71601.728	72900	.57	9.113	1...	H1-1b
13	M91	PL3/8x6	.105	.112	9	.120	0	y	43	72311.05	72900	.57	9.113	1...	H1-1b
14	M52A	HSS4X4X3	.324	0	3	.123	0	z	8	95848.971	106812	12.662	12.662	2...	H1-1b
15	M53	L3X3X3	.520	2.375	6	.450	.223	z	6	26973.922	35316	1.32	2.833	1...	H2-1
16	M54	L3X3X3	.516	0	4	.453	2.152	z	4	26973.922	35316	1.32	2.833	1...	H2-1
17	M55	PL3/8x6	.275	.516	5	.129	.516	y	6	36639.477	72900	.57	9.113	1...	H1-1b
18	M58A	L2x2x3	.344	4.162	6	.019	0	y	23	9823.122	23392.8	.558	1.11	1...	H2-1
19	M59A	L2x2x3	.358	0	4	.018	4.162	y	23	9823.122	23392.8	.558	1.117	1...	H2-1
20	M63	PL3/8x6	.203	0	8	.149	0	y	7	70677.939	72900	.57	9.113	2...	H1-1b
21	M64	PL3/8x6	.235	.167	6	.105	0	y	6	71601.728	72900	.57	9.113	1...	H1-1b
22	M66	PL3/8x6	.106	.112	5	.113	0	y	49	72311.05	72900	.57	9.113	1...	H1-1b
23	M68	PL3/8x6	.200	0	11	.131	0	y	16	70677.939	72900	.57	9.113	1...	H1-1b
24	M69	PL3/8x6	.245	.167	4	.103	0	y	4	71601.728	72900	.57	9.113	1...	H1-1b
25	M71	PL3/8x6	.111	.112	5	.076	0	y	3	72311.05	72900	.57	9.113	1...	H1-1b
26	M76A	HSS4X4X3	.341	0	1	.144	0	z	4	95848.971	106812	12.662	12.662	2...	H1-1b
27	M77A	L3X3X3	.514	2.375	2	.459	.223	z	2	26973.922	35316	1.32	2.833	1...	H2-1
28	M78	L3X3X3	.538	0	12	.475	2.152	z	12	26973.922	35316	1.32	2.833	1...	H2-1
29	M79A	PL3/8x6	.294	.516	1	.132	.516	y	12	36639.477	72900	.57	9.113	1...	H1-1b
30	M82	L2x2x3	.349	4.162	2	.020	0	y	19	9823.122	23392.8	.558	1.11	1...	H2-1
31	M83A	L2x2x3	.376	0	12	.018	4.162	y	7	9823.122	23392.8	.558	1.117	1...	H2-1
32	M87	PL3/8x6	.242	0	4	.141	0	y	3	70677.939	72900	.57	9.113	2...	H1-1b
33	M88A	PL3/8x6	.234	.167	2	.103	0	y	2	71601.728	72900	.57	9.113	1...	H1-1b
34	M90	PL3/8x6	.108	.112	1	.088	0	y	3	72311.05	72900	.57	9.113	1...	H1-1b
35	M92A	PL3/8x6	.222	0	7	.135	0	y	12	70677.939	72900	.57	9.113	1...	H1-1b
36	M93	PL3/8x6	.259	.167	12	.107	0	y	12	71601.728	72900	.57	9.113	1...	H1-1b
37	M95	PL3/8x6	.114	.112	1	.072	0	y	11	72311.05	72900	.57	9.113	1...	H1-1b
38	M82A	PIPE 3.0	.114	4.427	1	.083	4.297		23	28250.554	65205	5.749	5.749	3...	H1-1b
39	M91B	PIPE 3.0	.103	4.557	3	.085	4.297		19	28250.554	65205	5.749	5.749	2...	H1-1b
40	MP4C	PIPE 2.0	.205	3.313	23	.100	3.313		20	20866.733	32130	1.872	1.872	1...	H1-1b
41	MP3C	PIPE 2.0	.277	3.313	6	.091	.938		12	20866.733	32130	1.872	1.872	1...	H1-1b
42	MP1C	PIPE 2.0	.190	3.313	19	.097	.875		14	20866.733	32130	1.872	1.872	1...	H1-1b
43	MP2C	PIPE 2.5	.192	3.313	12	.082	2.938		6	37773.818	50715	3.596	3.596	2...	H1-1b
44	MP4B	PIPE 2.0	.203	3.313	19	.102	3.313		16	20866.733	32130	1.872	1.872	1...	H1-1b
45	MP3B	PIPE 2.0	.302	3.313	1	.092	.938		8	20866.733	32130	1.872	1.872	2...	H1-1b
46	MP1B	PIPE 2.0	.189	3.313	15	.092	3.313		19	20866.733	32130	1.872	1.872	1...	H1-1b
47	MP2B	PIPE 2.5	.191	3.313	8	.084	2.938		1	37773.818	50715	3.596	3.596	1...	H1-1b
48	MP4A	PIPE 2.0	.204	3.313	15	.107	3.313		24	20866.733	32130	1.872	1.872	1...	H1-1b
49	MP3A	PIPE 2.0	.261	3.313	9	.087	.938		4	20866.733	32130	1.872	1.872	1...	H1-1b
50	MP1A	PIPE 2.0	.192	3.313	23	.096	.875		18	20866.733	32130	1.872	1.872	1...	H1-1b
51	MP2A	PIPE 2.5	.180	3.313	4	.078	2.938		10	37773.818	50715	3.596	3.596	1...	H1-1b
52	M101	PIPE 2.0	.106	2	4	.017	2		4	28843.414	32130	1.872	1.872	2...	H1-1b
53	M106	PIPE 2.5	.207	10.807	16	.139	10.807		18	14558.792	50715	3.596	3.596	2...	H1-1b
54	M113	PIPE 2.5	.207	10.807	24	.138	10.807		14	14558.792	50715	3.596	3.596	2...	H1-1b
55	M120	PIPE 2.5	.207	10.807	20	.136	8.594		19	14558.792	50715	3.596	3.596	2...	H1-1b
56	M123	L3X3X4	.259	0	14	.009	2.305	y	2	41474.265	46656	1.688	3.756	1...	H2-1
57	M124	L3X3X4	.262	0	18	.012	2.305	y	6	41474.265	46656	1.688	3.756	1...	H2-1
58	M125	L3X3X4	.257	0	22	.011	2.305	y	10	41474.265	46656	1.688	3.756	1...	H2-1
59	M132	L2.5x2.5x4	.062	1.827	11	.013	0	z	18	25380.713	38556	1.114	2.403	1...	H2-1
60	M133	L2.5x2.5x4	.067	1.827	3	.013	0	y	20	25380.713	38556	1.114	2.403	1...	H2-1
61	M134	L2.5x2.5x4	.063	1.827	7	.013	3.58	z	14	25380.713	38556	1.114	2.403	1...	H2-1

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
62	M135	L2.5x2.5x4	.067	1.827	11	.013	3.58	y	16	25380.713	38556	1.114	2.403	1...	H2-1
63	M136	L2.5x2.5x4	.062	1.827	3	.013	3.58	z	23	25380.713	38556	1.114	2.403	1...	H2-1
64	M137	L2.5x2.5x4	.070	1.827	7	.013	3.58	y	24	25380.713	38556	1.114	2.403	1...	H2-1

VzW SMART Tool© Vendor

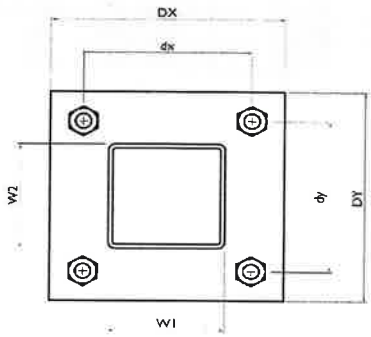
Client:	Verizon Wireless	Date:	7/6/2023
Site Name:	STERLING CT		
MDG #:	5000244753		
Fuze ID #:	17123906	Page:	1

Version 1.01

I. Mount-to-Tower Connection Check

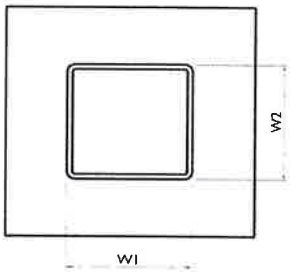
Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel

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):	4.6
Required Shear Strength / bolt (kips):	1.0
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	22.8%



Tower Connection Baseplate Checks	Yes

Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	10
Plate Height, D_y (in):	10
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.18
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.5
Length of Yield Line, L_y (in):	6.28
Bolt Eccentricity, e (in):	1.58
M_u (kip-in):	7.48
Phi*M_n (kip-in):	12.72
Plate Bending Utilization:	58.8%

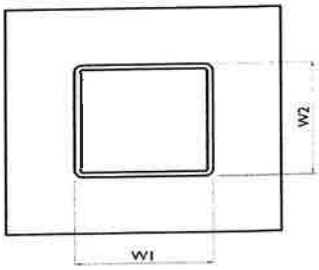


VzW SMART Tool© Vendor

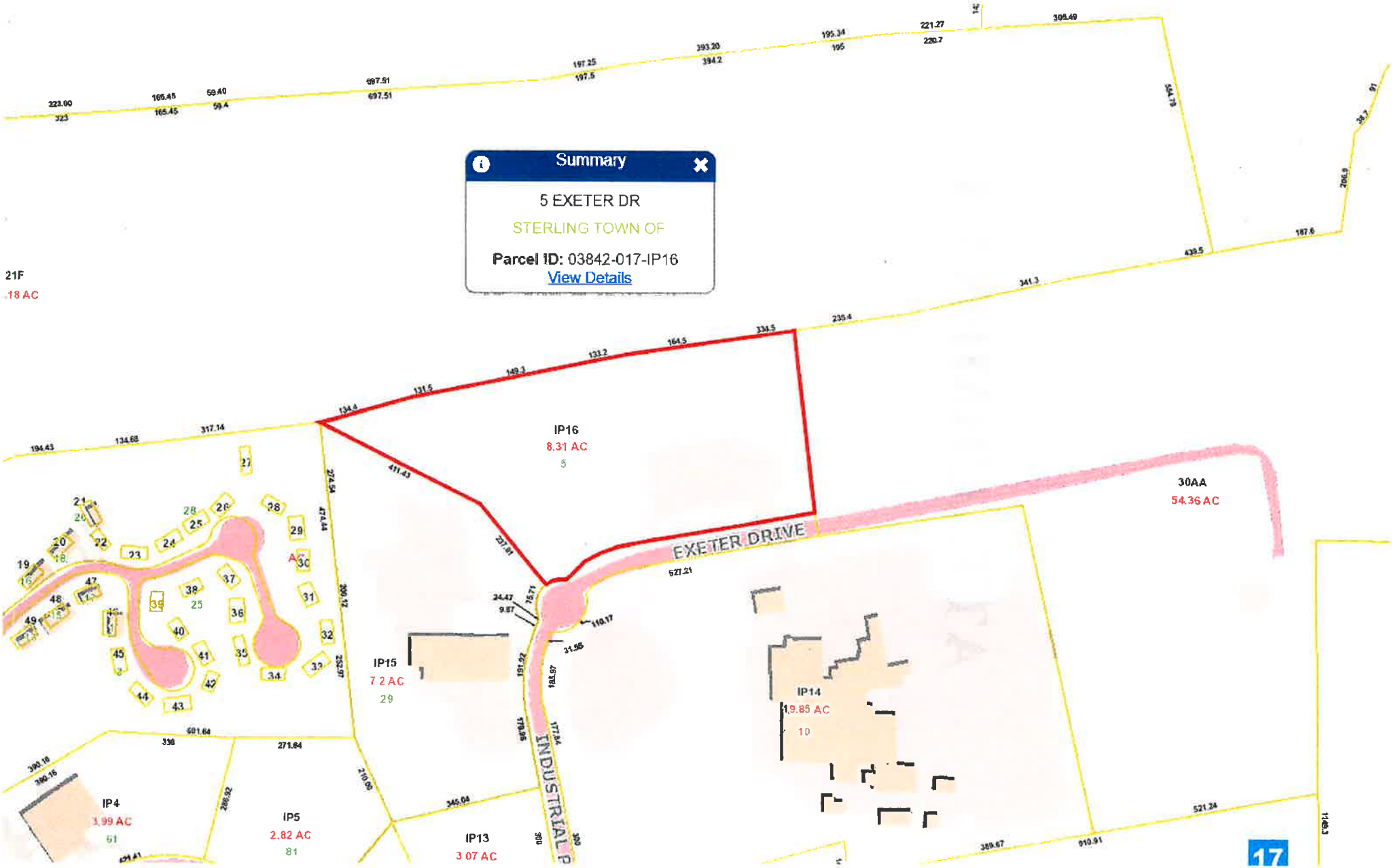
Client:	Verizon Wireless	Date:	7/6/2023
Site Name:	STERLING CT		
MDG #:	5000244753		
Fuze ID #:	17123906	Page:	2
			Version 1.01

Tower Connection Weld Checks

	Yes
Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Weld Size (1/16 in):	3
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	16.00
Z_x (in^3/in):	21.33
Z_y (in^3/in):	21.33
J_p (in^4/in):	85.33
c_x (in)	2.18
c_y (in)	2.18
Required combined strength (kip/in):	1.71
Weld Capacity (kip/in):	4.18
Weld Utilization:	**41.0%**



ATTACHMENT 4


Summary
5 EXETER DR
STERLING TOWN OF
Parcel ID: 03842-017-IP16
View Details
21F
18 AC
IP16
8.31 AC
5
30AA
54.36 AC
EXETER DRIVE
IP15
7.2 AC
29
IP14
19.85 AC
10
IP4
3.99 AC
61
IP5
2.82 AC
81
IP13
3.07 AC
INDUSTRIAL P
17

5 EXETER DR

Location	5 EXETER DR	**Mblu**	03842/ 017/ IP16/ /
Acct#	00045300	**Owner**	STERLING TOWN OF
Assessment	$59,300	**Appraisal**	$84,500
PID	411	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$8,700	$75,800	$84,500
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$6,200	$53,100	$59,300

Owner of Record

Owner STERLING TOWN OF
Co-Owner
Address PO BOX 157
ONECO, CT 06373

Sale Price $0
Certificate
Book & Page 40/15
Sale Date 12/27/1976
Instrument 25
Qualified U

Ownership History

Ownership History					
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Instrument**	**Sale Date**
STERLING TOWN OF	$0		40/15	25	12/27/1976

Building Information

Building 1 : Section 1

Year Built:
Living Area: 0
Replacement Cost: $0
Building Percent Good:

Building Photo

Building Photo
(https://images.vgsi.com/photos/sterlingctPhotos//default.jpg)

Replacement Cost
Less Depreciation: $0

Building Attributes	
Field	**Description**
Style	Outbuildings
Model	
Grade:	
Stories	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Full Bthrms:	
Half Baths:	
Extra Fixtures	
Total Rooms:	
Bath Style:	
Kitchen Style:	
Extra Kitchens	
Fireplace(s)	
Extra Opening(s)	
Gas Fireplace(s)	
Blocked FPL(s)	
Bsmt Garage(s)	
Fin Bsmt	
FBM Quality	
Whirlpool(s)	
Sauna	
Walk Out	
Solar	
Fndtn Cndtn	
Basement	

Building Layout

Building Layout (ParcelSketch.ashx?pid=411&bid=411)

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

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Use Code	9030
Description	MUNICIPAL MDL-00
Zone	
Neighborhood	1000
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	8.31
Frontage	
Depth	
Assessed Value	$53,100
Appraised Value	$75,800

Outbuildings

Outbuildings						Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
SHD1	Shed	MS	Masonry	192.00 S.F.	$1,800	1
SHD1	Shed	FR	Frame	192.00 S.F.	$1,500	1
GAZ	Gazebo	TY	Typical	80.00 S.F.	$1,100	1
FN9	W/O Top RI-8'	TY	Typical	300.00 L.F.	$4,300	1

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$8,700	$75,800	$84,500

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$6,200	$53,100	$59,300

ATTACHMENT 5

Verizon/Sterling

UNITED STATES POSTAL SERVICE®

Certificate of Mailing — Firm

Name and Address of Sender	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here *Postmark with Date of Receipt.*
Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103	2	2	neopost 08/07/2023 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.	Lincoln A. Cooper, First Selectman Town of Sterling 1183 Plainfield Pike Oneco, CT 06373				
2.	Melissa Gil, Zoning Enforcement Ofiicer Town of Sterling 1183 Plainfield Pike Oneco, CT 06373				
3.					
4.					
5.					
6.					

OLD STATE HOUSE STATION USPS
AUG - 7 2023
USPS

PS Form **3665**, January 2017 (Page 1 of 1) PSN 7530-17-000-5549

See Reverse for Instructions