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August 17, 2023

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

Re: **Notice of Exempt Modification – Facility Modification**
651 Paddock Avenue, Meriden, Connecticut

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") currently maintains a wireless telecommunications facility at the above-referenced address (the "Property"). Cellco's facility consists of antennas and remote radio heads attached to a tower. Equipment associated with the facility is located on the ground adjacent to the tower. The tower was approved by the Siting Council ("Council") in August of 2007 (Docket No. 329). A copy of the Council's Docket No. 329 Decision and Order and exempt modification approval are included in Attachment 1.

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

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

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

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

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

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

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

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

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

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

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

Sincerely,

Kenneth C. Baldwin

Enclosures
Copy to:
Kevin Scarpati, Mayor
Monica Sims, Director of Planning and Enforcement
First Assembly of God Church of Meriden, Inc.
Alex Tyurin, Verizon Wireless

ATTACHMENT 1

DOCKET NO. 329 – Optasite Towers LLC and Omnipoint Communications, Inc. application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility at Paddock Avenue in Meriden, Connecticut.	}	Connecticut
	}	Siting
	}	Council

August 29, 2007

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 Pubic Need, as provided by General Statutes § 16-50k, be issued to Optasite Towers, LLC for the construction, maintenance and operation of a wireless telecommunications facility at the location identified as "Site C" on property owned by the First Assembly of God Church of Meriden at 651 Paddock Avenue in Meriden, Connecticut. The Council denies certification of the locations identified as the "wooded site" and the "parking lot site."

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 designed as a steel monopole and shall be constructed no taller than 120 feet above ground level to provide telecommunications services to both public and private entities.

2. All antennas installed by commercial wireless telecommunications providers shall be flush-mounted.

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 City of Meriden 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, color of the tower (to be determined after consultation with the property owner and the City of Meriden), antenna mountings, equipment building, access road, utility line, and landscaping; and

b) construction plans for site clearing, water drainage, and erosion and sedimentation control 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 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 electromagnetic radio frequency power density is submitted to the Council in the event other carriers locate at this facility or if 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 City of Meriden 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 City of Meriden. 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, we hereby direct 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 Meriden Record-Journal 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 in this proceeding are:

Status Granted	**Status Holder (name, address & phone number)**	**Representative (name, address & phone number)**
Applicant	Optasite, Inc. One Research Drive, Suite 200C Westborough, MA 01581 Omnipoint Communications, Inc. 100 Filley Street Bloomfield, CT 06002	Julie Kohler, Esq. Carrie L. Larson, Esq. Cohen and Wolf, P.C. 1115 Broad Street Bridgeport, CT 06604 (203) 368-0211 (203) 394-9901 fax jkoher@cohenandwolf.com clarson@cohenandwolf.com
Party (granted on May 1, 2007)	City of Meriden	Deborah L. Moore, Esq. Legal Department Meriden City Hall 142 East Main Street Meriden, CT 06450 (203) 630-4045 (203) 630-7907 dmoore@ci.meriden.ct.us

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

Daniel F. Caruso
Chairman

May 21, 2008

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

RE: **EM-VER-080-080305** – Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 651 Paddock Avenue, Meriden, Connecticut.

Dear Attorney Baldwin:

The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated March 5, 2008, including the placement of all necessary equipment and shelters within the tower compound. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

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

Thank you for your attention and cooperation.

Very truly yours,

S. Derek Phelps
Executive Director

SDP/MP

c: Honorable Mark Benigni, Mayor, City of Meriden
Lawrence Kendzior, City Manager, City of Meriden
Deborah L. Moore, Associate City Attorney, City of Meriden
Dominick Caruso, City Planner, City of Meriden

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	700/850 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.

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

ORDERING INFORMATION

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

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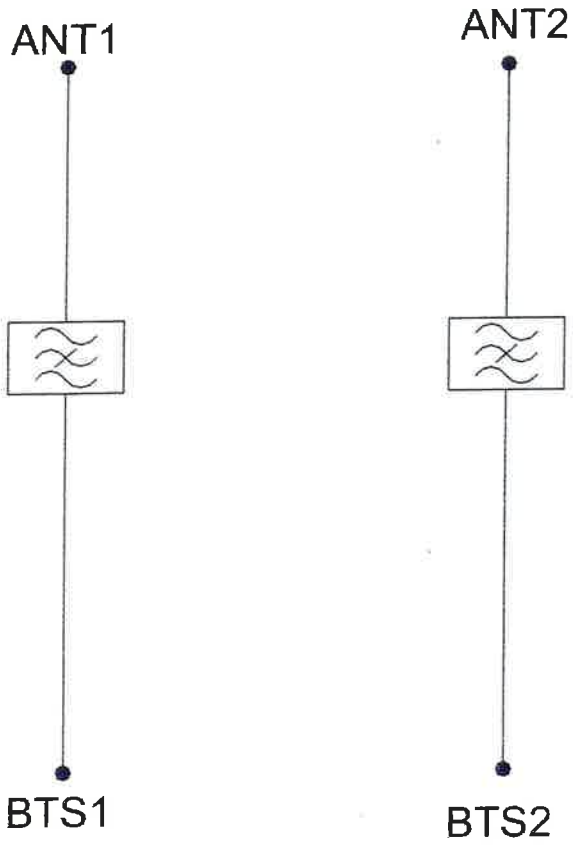
ELECTRICAL BLOCK DIAGRAM



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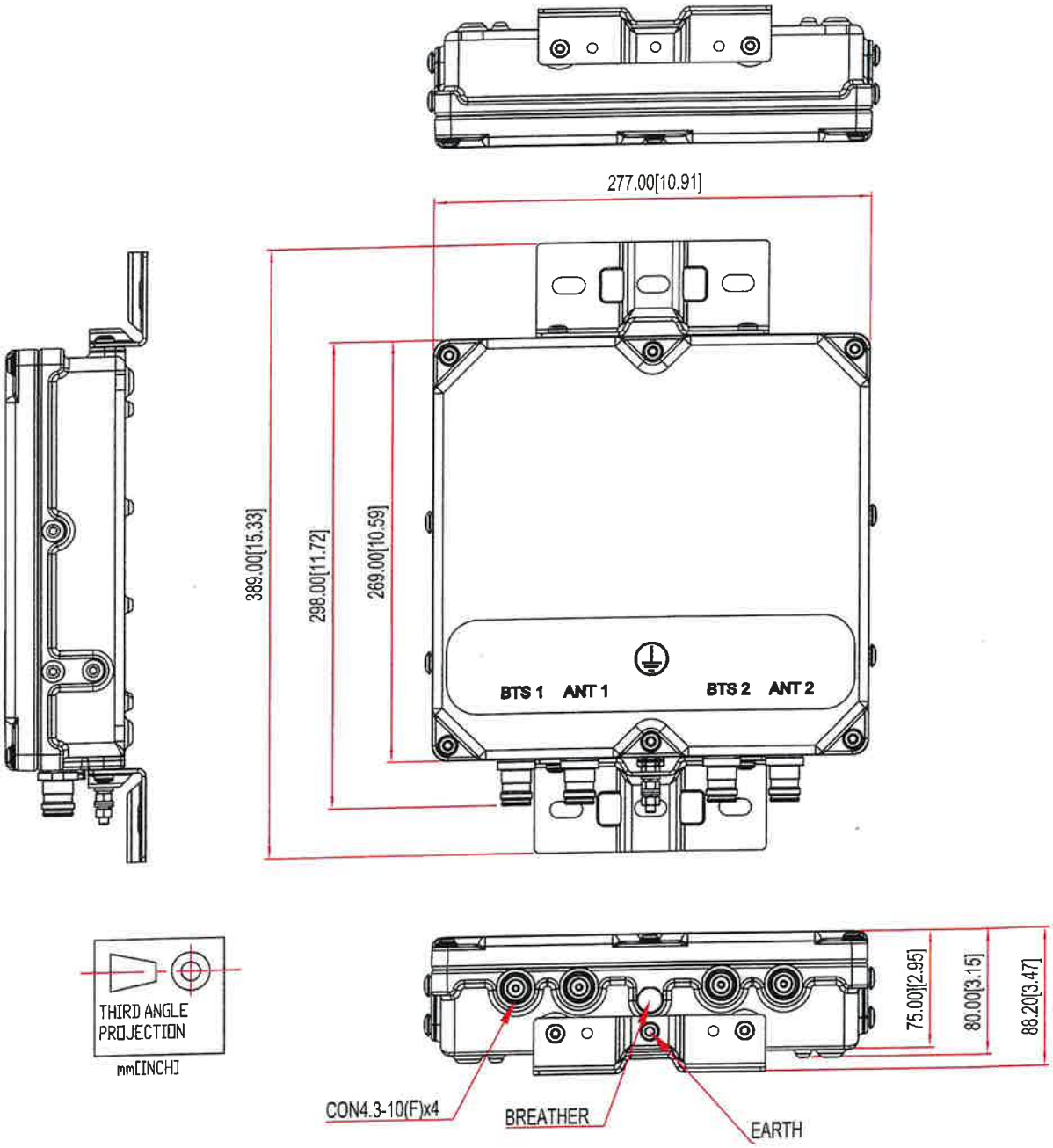
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

MECHANICAL BLOCK DIAGRAM



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ATTACHMENT 3

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

T + 561 995 7670
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sbasite.com

Structural Analysis Report

Client: Verizon

Client Site ID / Name: 5000382428 / MERIDEN SE CT
Application #: 233253, v2

SBA Site ID / Name: CT13069-A / Meriden

120 ft Monopole

651 Paddock Avenue
Meriden, Connecticut 06450
Lat: 41.512750, Long: -72.779449

Project number: CT13069-VZW-072523

Analysis Results

Tower	87%	Pass
Foundation	98%	Pass

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

Prepared by:

Daniel Romero
Structural Engineer I
561-981-7377
DRomero@sbasite.com

Reviewed by:

Anantha (Shan) Shanubhogue, P.E.
Senior Manager, Structural Engineering
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July 27, 2023

07/27/23

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Reviewed by:

Anantha (Shan) Shanubhogue, P.E.
Senior Manager, Structural Engineering
561-981-7390
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July 27, 2023

Table of Contents

Introduction

The purpose of this report is to summarize the analysis results on the 120 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	Sabre, Job #08-10201 dated November 8, 2007
Foundation drawings	Sabre, Job #08-10201 dated November 8, 2007
Geotechnical report	Gemini Geotechnical Associates, Project #07099CT dated August 31, 2007
Mount Analysis	Colliers Engineering & Design CT, Project # 23777149, dated July 24, 2023
Modification drawings	TES, Job # 119368, dated April 27, 2022
Latest SA	TES, Project #119368 dated April 27, 20022

Analysis Criteria

Table 2 Code Related Data

Jurisdiction (State/County/City)	Connecticut/New Haven/Meriden
Governing Codes	ANSI/TIA/EIA 222-H, 2021 IBC, 2022 CSBC
Ultimate Wind Speed (3-Sec gust)	119.0 mph
Wind Speed with Ice (3-Sec gust)	50 mph
Service Wind Speed (3-Sec gust)	60 mph
Ice Thickness	1.00"
Risk Category	II
Exposure Category	B
Topographic Category	1
Crest Height	0 ft
Ground Elevation	324.12 ft.
Seismic Parameter S_s	0.206
Seismic Parameter S_1	0.055

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

Appurtenance Loading

Existing Loading:

Table 3 Existing Appurtenances

Items	Elevation (ft)	Qty.	Antenna Descriptions	Mount Type & Qty.	Transmission Lines	Owner
1	117.0	3	Ericsson AIR6449 B41 - Panel	Low Profile Platform w/ Handrails [Sitepro RMQP-4096-HK]	(10) 1 5/8" (3) 1 5/8" Fiber	T-Mobile
2		3	Ericsson Air 32 KRD901146-1_B66A_B2A - Panel			
3		3	RFS APXVAALL18-43-U-NA20 - Panel			
4		3	Ericsson KRY 112 144/1 TMA			
5		3	Commscope SDX1926Q-43 Diplexers			
6		3	Ericsson Radio 4449 B71+B85 RRUs			
7		3	Ericsson 4415 B25 RRUs			
8	107.0	3	Samsung VZS01 - Panel	Modified Low Profile Platform [PV-LPP12M-B]	(6) 1 5/8" (2) 1 5/8" Hybrid	Verizon
9		6	Andrew JAHH-65B-R3B - Panel			
10		3	Commscope CBC78T-DS-43-2X			
11		3	Samsung RFV01U-D1A			
12		3	Samsung RFV01UA-D2A			
13		2	Samsung RFS DB-T1-6Z-8AB-0Z			
14	97.0	3	Commscope NNVV-65B-R4 - Panel	(3) Sector Frames [SitePro UDS-NPL]	(1) 1 5/8" Fiber (4) 1-1/4" Fiber (3) 1/2"	T-Mobile Sprint
15		3	Nokia AAHC - Panel			
16		3	Alcatel Lucent 1900 MHz			
17		6	Alcatel Lucent 800 MHz RRU			
18		3	Alcatel Lucent TD-RRH8x20-25			
19		2	Andrew VHLP2-18 - Dish			
20		1	Andrew VHLP1-23 - Dish			
21	87.0	3	JMA Wireless - MX08FRO665-21 - Panel	Low Profile Platform [Commscope MC-PK8-DSH]	(1) 1.411"	Dish Wireless
22		3	Fujitsu TA08025-B605			
23		3	Fujitsu TA08025-B604			
24		1	Raycap RDIDC-9181-PF-48			

Proposed Loading:

Information pertaining to proposed antennas and transmission lines were based upon the Application #: 233253, v2 from Verizon and is listed in Table 4.

Table 4 Proposed Appurtenances

Items	Elevation (ft)	Qty.	Antenna Descriptions	Mount Type & Qty.	Transmission Lines	Owner
8	107.0	2	Kaelus KA-6030	Modified Low Profile Platform [PV-LPP12M-B]	(6) 1 5/8" (2) 1 5/8" Hybrid	Verizon
9		3	Samsung VZS01 - Panel			
10		6	Andrew JAHH-65B-R3B - Panel			
11		3	Commscope CBC78T-DS-43-2X			
12		3	Samsung RFV01U-D1A			
13		3	Samsung RFV01UA-D2A			
14		2	RFS DB-T1-6Z-8AB-0Z			

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	Reinforcement
Max. Usage:	87.0%	62.9%	53.6%	79.3%
Pass/Fail	Pass	Pass	Pass	Pass

Foundation

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

Table 6 Foundation Analysis Summary

Structural Component	Max Usage (%)	Analysis Result
Foundation	98%	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 87.05% at 20.0ft

Structure:	CT13069-A	**Code:**	EIA/TIA-222-H	7/27/2023
Site Name:	Meriden	**Exposure:**	B	
Height:	119.00 (ft)	**Gh:**	1.1	
Base Elev:	1.000 (ft)			Page: 1

SBA

Dead Load Factor:	1.20		
Wind Load Factor:	1.00	**Load Case : 1.2D + 1.0W 119 mph Wind**	**Iterations:** 27

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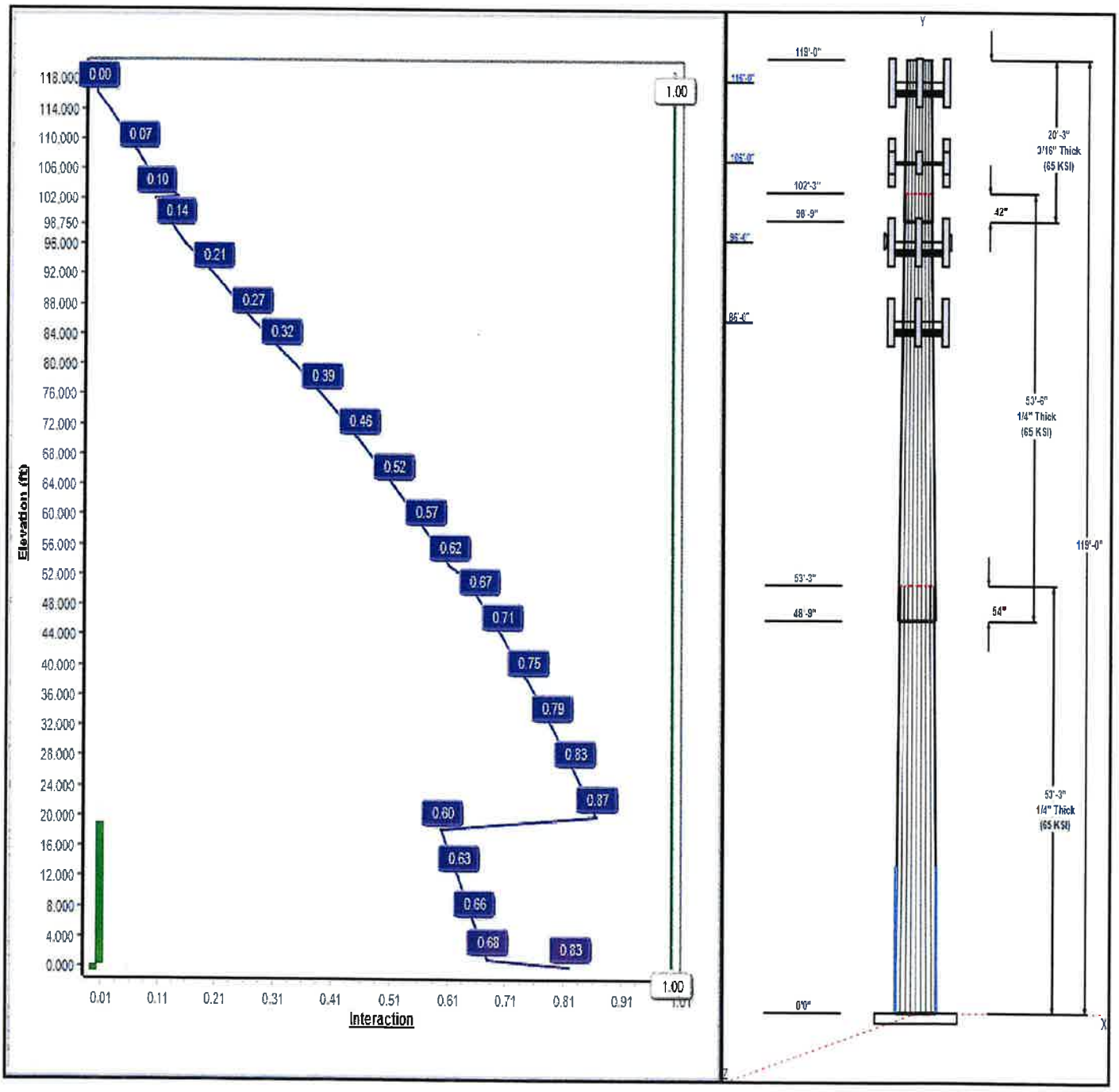


Structure: CT13069-A

Type: Tapered
Site Name: Meriden
Height: 119.00 (ft)
Base Elev: 1.00 (ft)

Base Shape: 18 Sided
Taper: 0.16197

7/27/2023

SBA

Shaft Properties

Seq	Length (ft)	Top (in)	Bottom (in)	Thick (in)	Joint Type	Taper	Grade (ksi)
1	53.25	34.63	43.26	0.250		0.16197	65
2	53.50	27.20	35.86	0.250	Slip	0.16197	65
3	20.25	24.86	28.14	0.188	Slip	0.16197	65

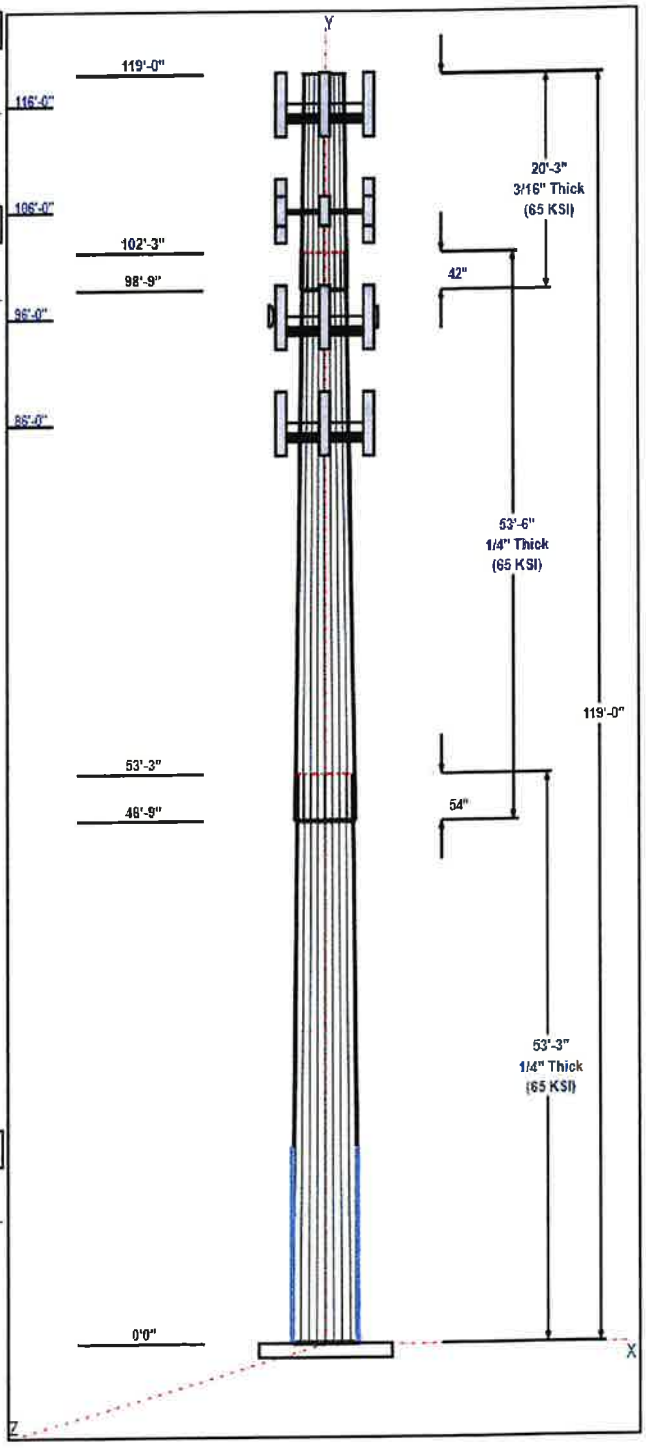
Discrete Appurtenances

Attach Elev (ft)	Force Elev (ft)	Qty	Description	Carrier
116.00	116.00	3	AIR6449 B41	T-Mobile
116.00	116.00	3	Air 32	T-Mobile
116.00	116.00	3	APXVAALL18-43-U-NA20	T-Mobile
116.00	116.00	1	Sitepro RMQP-4096-HK	T-Mobile
116.00	116.00	3	KRY 112 144/1	T-Mobile
116.00	116.00	3	SDX1926Q-43 Diplexer	T-Mobile
116.00	116.00	3	Radio 4449 B71+B85	T-Mobile
116.00	116.00	3	Ericsson 4415 B25 RRU	T-Mobile
116.00	116.00	12	Exposed Mount Pipes	T-Mobile
106.00	106.00	1	PV-LPP12M-B w/ Mods	Verizon
106.00	106.00	2	Kaelus KA-6030	Verizon
106.00	106.00	3	Samsung VZS01	Verizon
106.00	106.00	6	Andrew JAHH-65B-R3B	Verizon
106.00	106.00	3	Commscope	Verizon
106.00	106.00	3	Samsung RFV01U-D1A	Verizon
106.00	106.00	3	Samsung RFV01UA-D2A	Verizon
106.00	106.00	2	Samsung RFS	Verizon
96.00	96.00	3	UDS-NPL (3 Sectors)	T-Mobile Sprint
96.00	96.00	3	NNVV-65B-R4	T-Mobile Sprint
96.00	96.00	3	AAHC	T-Mobile Sprint
96.00	96.00	3	1900 MHz	T-Mobile Sprint
96.00	96.00	6	800 MHz RRU	T-Mobile Sprint
96.00	96.00	3	TD-RRH8x20-25	T-Mobile Sprint
96.00	96.00	2	VHLP2-18	T-Mobile Sprint
96.00	96.00	1	VHLP1-23	T-Mobile Sprint
86.00	86.00	3	MX08FRO665-21	Dish Wireless
86.00	86.00	3	Fujitsu TA08025-B605	Dish Wireless
86.00	86.00	3	Fujitsu TA08025-B604	Dish Wireless
86.00	86.00	1	Raycap	Dish Wireless
86.00	86.00	1	MC-PK8-DSH	Dish Wireless

Linear Appurtenances

Elev From (ft)	Elev To (ft)	Placement	Description	Carrier
0.00	118.00	Outside	Safety Cable	
0.00	118.00	Outside	Step bolts (ladder)	
0.00	116.00	Inside	1 5/8" Coax	T-Mobile
0.00	116.00	Inside	1 5/8" Fiber	T-Mobile
0.00	106.00	Inside	1 5/8" Coax	Verizon
0.00	106.00	Inside	1 5/8" Hybrid	Verizon
0.00	96.00	Inside	1 5/8" Fiber	Sprint Nextel
0.00	96.00	Inside	1-1/4" Fiber	Sprint Nextel
0.00	96.00	Inside	1/2" Coax	Sprint Nextel
0.00	86.00	Inside	1.411"	Dish Wireless
0.00	20.00	Outside	1" Reinforcing plate	

Anchor Bolts



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Qty	Specifications	Grade (ksi)	Arrangement
8	2.25" 18J	75.0	Cluster

Base Plate

Thickness (in)	Specifications (in)	Grade (ksi)	Geometry
2.2500	47.0	60.0	Clipped

Reactions

Load Case	Moment (FT-Kips)	Shear (Kips)	Axial (Kips)
1.2D + 1.0W 119 mph Wind	1769.7	19.3	30.7
0.9D + 1.0W 119 mph Wind	1745.2	19.3	23.0
1.2D + 1.0Di + 1.0Wi 50 mph Wind	508.4	5.7	41.9
1.2D + 1.0Ev + 1.0Eh	45.8	0.4	31.9
0.9D + 1.0Ev + 1.0Eh	45.0	0.4	24.1
1.0D + 1.0W 60 mph Wind	399.2	4.4	25.6

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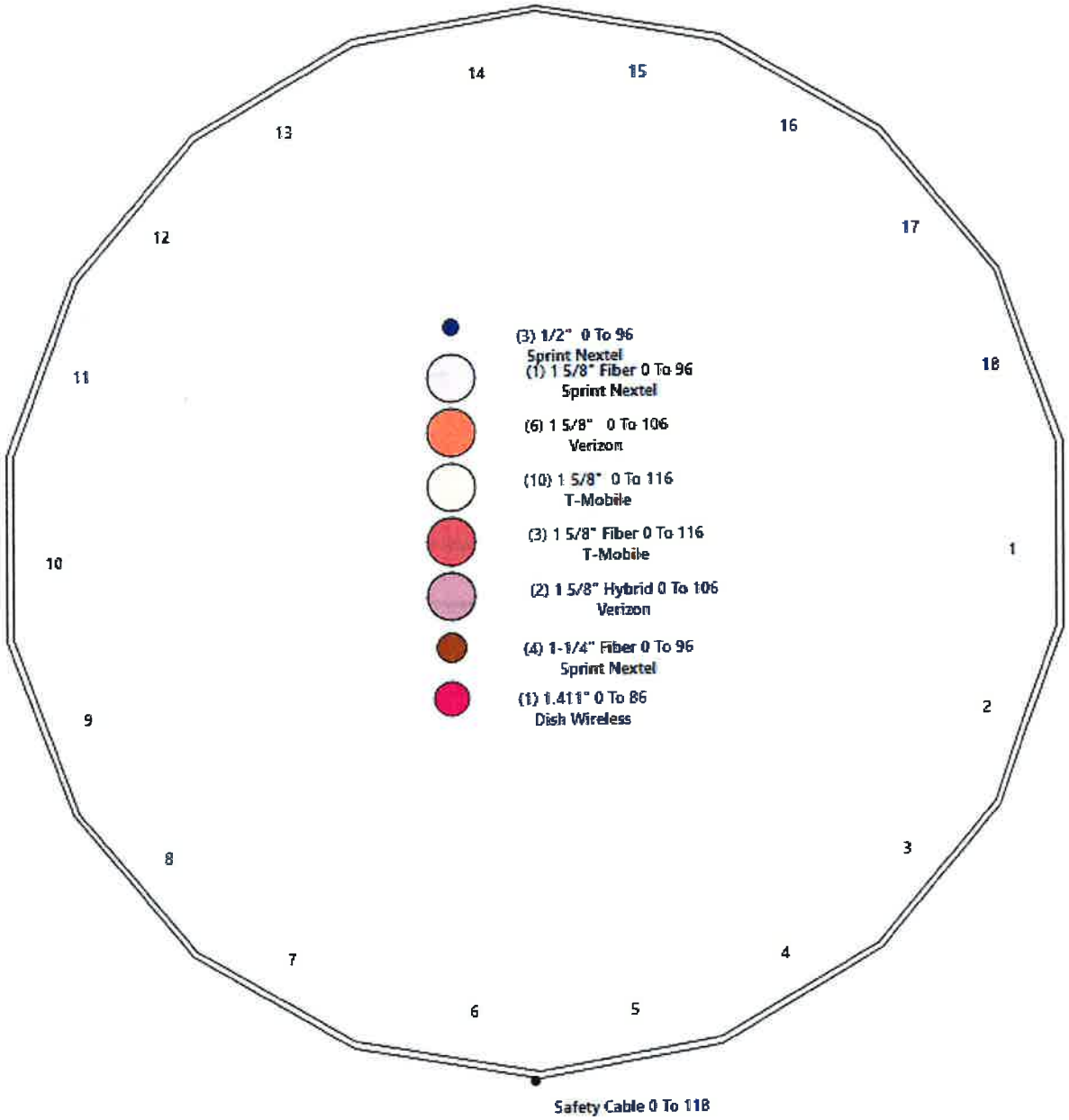
Structure: CT13069-A - Coax Line Placement

Type: Monopole
Site Name: Meriden
Height: 119.00 (ft)

7/27/2023



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Shaft Properties

Structure:	CT13069-A		**Code:**	TIA-222-H	7/27/2023
Site Name:	Meriden		**Exposure:**	B	
Height:	119.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 1

Sec. No.	Shape	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Overlap (in)	Weight (lb)
1	18	53.250	0.2500	65		0.00	5,564
2	18	53.500	0.2500	65	Slip	54.00	4,519
3	18	20.250	0.1875	65	Slip	42.00	1,079
					Total Shaft Weight:		**11,161**

	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	43.26	0.00	34.13	7976.14	29.10	173.04	34.63	53.25	27.28	4075.54	23.02	138.5	0.161975
2	35.86	48.75	28.26	4528.32	23.88	143.45	27.20	102.25	21.38	1961.86	17.77	108.7	0.161975
3	28.14	98.75	16.63	1642.13	25.05	150.08	24.86	119.00	14.68	1129.24	21.97	132.5	0.161975

Additional Steel

							Intermediate Connectors		Termination Connectors			
Elev From (ft)	**Elev To (ft)**	**Qty**	**Description**	**Fy (ksi)**	**Fu (ksi)**	**Offset (in)**	**Description**	**Spacing (in)**	**Description**	**Spacing (in)**	**Lower Qty**	**Upper Qty**
0.00	1.00	3	SOL 1 3/4" William R71	128	150	0.00	5/8" Hollo Bolt	12.00	5/8" Hollo Bolt	3.00		
1.00	18.25	3	LNP LP6X100-B-20T	65	80	0.00	5/8" Hollo Bolt	24.00	5/8" Hollo Bolt	3.00		11

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Load Summary

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 2	

Discrete Appurtenances

				No Ice			Ice				
No.	Elev (ft)	Description	Qty	Weight (lb)	CaAa (sf)	CaAa Factor	Weight (lb)	CaAa (sf)	CaAa Factor	Hor. Ecc. (ft)	Vert Ecc (ft)
1	116.00	AIR6449 B41	3	103.00	5.65	0.71	192.17	6.268	0.71	0.00	0.00
2	116.00	Air 32 KRD901146-1_B66A_B2A	3	132.00	6.51	0.87	243.62	7.222	0.87	0.00	0.00
3	116.00	APXVAALL18-43-U-NA20	3	92.60	15.24	0.73	297.56	15.670	0.73	0.00	0.00
4	116.00	Sitepro RMQP-4096-HK	1	1945.00	34.54	1.00	3269.46	51.161	1.00	0.00	0.00
5	116.00	KRY 112 144/1	3	11.00	0.41	0.67	18.01	0.719	0.67	0.00	0.00
6	116.00	SDX1926Q-43 Diplexer	3	6.00	0.29	0.67	12.37	0.563	0.67	0.00	0.00
7	116.00	Radio 4449 B71+B85	3	74.00	1.97	0.50	111.96	2.340	0.50	0.00	0.00
8	116.00	Ericsson 4415 B25 RRU	3	46.00	1.64	0.50	72.73	1.975	0.50	0.00	0.00
9	116.00	Exposed Mount Pipes	12	30.00	1.68	1.00	50.43	2.252	1.00	0.00	0.00
10	106.00	PV-LPP12M-B w/ Mods	1	1615.00	48.40	1.00	2632.30	87.598	1.00	0.00	0.00
11	106.00	Kaelus KA-6030	2	17.60	0.96	0.65	32.59	1.216	0.68	0.00	0.00
12	106.00	Samsung VZS01	3	87.10	4.70	0.70	159.40	5.282	0.71	0.00	0.00
13	106.00	Andrew JAHH-65B-R3B	6	63.30	9.11	0.50	203.91	9.950	0.50	0.00	0.00
14	106.00	Commscope CBC78T-DS-43-2X	3	10.40	0.55	0.50	16.15	0.752	0.50	0.00	0.00
15	106.00	Samsung RFV01U-D1A	3	70.30	1.88	0.50	97.53	2.231	0.50	0.00	0.00
16	106.00	Samsung RFV01UA-D2A	3	84.50	1.88	0.50	121.80	2.231	0.50	0.00	0.00
17	106.00	Samsung RFS DB-T1-6Z-8AB-0Z	2	18.90	4.80	0.71	50.77	5.346	0.71	0.00	0.00
18	96.00	UDS-NPL (3 Sectors)	3	350.00	11.30	0.75	568.31	20.362	0.75	0.00	0.00
19	96.00	NNVV-65B-R4	3	77.40	12.27	0.74	259.65	13.199	0.74	0.00	0.00
20	96.00	AAHC	3	104.00	4.20	0.75	180.99	4.717	0.75	0.00	0.00
21	96.00	1900 MHz	3	60.00	2.71	0.50	111.54	3.517	0.50	0.00	0.00
22	96.00	800 MHz RRU	6	53.00	2.49	0.50	100.20	3.220	0.50	0.00	0.00
23	96.00	TD-RRH8x20-25	3	70.00	4.05	0.50	135.29	4.554	0.50	0.00	0.00
24	96.00	VHLP2-18	2	31.00	4.69	1.00	93.46	5.505	1.00	1.00	0.00
25	96.00	VHLP1-23	1	14.20	1.61	1.00	36.78	2.094	1.00	0.00	0.00
26	86.00	MX08FRO665-21	3	64.50	12.49	0.74	248.13	13.415	0.74	0.00	0.00
27	86.00	Fujitsu TA08025-B605	3	75.00	1.96	0.50	108.02	2.314	0.50	0.00	0.00
28	86.00	Fujitsu TA08025-B604	3	63.90	1.96	0.50	95.86	2.314	0.50	0.00	0.00
29	86.00	Raycap RDIDC-9181-PF-48	1	21.90	2.01	1.00	55.52	2.369	1.00	0.00	0.00
30	86.00	MC-PK8-DSH	1	1727.00	34.23	1.00	2792.57	61.384	1.00	0.00	0.00
		Totals:	**92**	**11,261.00**			**20,723.45**				

Linear Appurtenances

Bottom Elev. (ft)	Top Elev. (ft)	Description	Exposed Width	Exposed
0.00	118.00	(1) Safety Cable	0.38	Outside
0.00	118.00	(1) Step bolts (ladder)	0.63	Outside
0.00	116.00	(10) 1 5/8" Coax	0.00	Inside
0.00	116.00	(3) 1 5/8" Fiber	0.00	Inside
0.00	106.00	(6) 1 5/8" Coax	0.00	Inside
0.00	106.00	(2) 1 5/8" Hybrid	0.00	Inside
0.00	96.00	(1) 1 5/8" Fiber	0.00	Inside
0.00	96.00	(4) 1-1/4" Fiber	0.00	Inside
0.00	96.00	(3) 1/2" Coax	0.00	Inside
0.00	86.00	(1) 1.411"	0.00	Inside
0.00	20.00	(1) 1" Reinforcing plate	1.00	Outside

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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)

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Shaft Section Properties

Structure: CT13069-A
Site Name: Meriden
Height: 119.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1
Topography: 1

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

7/27/2023

Increment Length: 2 (ft)

Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fy (ksi)	Fb (ksi)	Weight (lb)	Additional Reinforcing Area (in^2)	Additional Reinforcing Ixp (in^4)	Additional Reinforcing Iyp (in^4)	Additional Reinforcing Weight (lb)
0.00	RB1	0.2500	43.260	34.127	7976.1	29.10	173.04	65	67	0.0	7.80	2418.2	1517.2	
1.00	RT1 RB2	0.2500	43.098	33.999	7886.4	28.99	172.39	65	67	115.9	18.00	5363.2	3376.0	61.2
2.00		0.2500	42.936	33.870	7797.3	28.87	171.74	65	67	115.5	18.00	5324.0	3351.5	61.2
4.00		0.2500	42.612	33.613	7621.1	28.64	170.45	65	68	229.6	18.00	5245.9	3302.6	122.5
6.00		0.2500	42.288	33.356	7447.6	28.42	169.15	65	68	227.9	18.00	5168.5	3254.0	122.5
8.00		0.2500	41.964	33.099	7276.7	28.19	167.86	65	68	226.1	18.00	5091.7	3205.9	122.5
10.00		0.2500	41.640	32.842	7108.5	27.96	166.56	65	69	224.4	18.00	5015.4	3158.1	122.5
12.00		0.2500	41.316	32.585	6942.9	27.73	165.27	65	69	222.6	18.00	4939.7	3110.6	122.5
14.00		0.2500	40.992	32.328	6779.9	27.50	163.97	65	69	220.9	18.00	4864.6	3063.5	122.5
16.00		0.2500	40.668	32.071	6619.4	27.27	162.67	65	69	219.1	18.00	4790.1	3016.8	122.5
18.00		0.2500	40.344	31.814	6461.6	27.04	161.38	65	70	217.4	18.00	4716.1	2970.5	122.5
18.25	RT2	0.2500	40.304	31.782	6442.0	27.02	161.22	65	70	27.1	18.00	4706.9	2964.7	15.3
20.00		0.2500	40.021	31.557	6306.2	26.82	160.08	65	70	188.6				
22.00		0.2500	39.697	31.300	6153.3	26.59	158.79	65	70	213.9				
24.00		0.2500	39.373	31.043	6003.0	26.36	157.49	65	70	212.1				
26.00		0.2500	39.049	30.786	5855.1	26.13	156.19	65	71	210.4				
28.00		0.2500	38.725	30.529	5709.7	25.90	154.90	65	71	208.6				
30.00		0.2500	38.401	30.272	5566.6	25.67	153.60	65	71	206.9				
32.00		0.2500	38.077	30.014	5426.0	25.45	152.31	65	71	205.1				
34.00		0.2500	37.753	29.757	5287.8	25.22	151.01	65	72	203.4				
36.00		0.2500	37.429	29.500	5152.0	24.99	149.72	65	72	201.6				
38.00		0.2500	37.105	29.243	5018.5	24.76	148.42	65	72	199.9				
40.00		0.2500	36.781	28.986	4887.3	24.53	147.12	65	73	198.1				
42.00		0.2500	36.457	28.729	4758.4	24.30	145.83	65	73	196.4				
44.00		0.2500	36.133	28.472	4631.9	24.07	144.53	65	73	194.6				
46.00		0.2500	35.809	28.215	4507.5	23.85	143.24	65	73	192.9				
48.00		0.2500	35.485	27.958	4385.5	23.62	141.94	65	74	191.1				
48.75	Bot - Section 2	0.2500	35.364	27.862	4340.3	23.53	141.45	65	74	71.2				
50.00		0.2500	35.161	27.701	4265.6	23.39	140.65	65	74	238.0				
52.00		0.2500	34.837	27.444	4148.0	23.16	139.35	65	74	378.0				
53.25	Top - Section 1	0.2500	35.135	27.680	4255.9	23.37	140.54	65	74	234.5				
54.00		0.2500	35.013	27.584	4211.6	23.28	140.05	65	74	70.5				
56.00		0.2500	34.689	27.327	4095.0	23.06	138.76	65	74	186.8				
58.00		0.2500	34.365	27.070	3980.5	22.83	137.46	65	75	185.1				
60.00		0.2500	34.042	26.813	3868.2	22.60	136.17	65	75	183.3				
62.00		0.2500	33.718	26.556	3758.0	22.37	134.87	65	75	181.6				
64.00		0.2500	33.394	26.299	3649.9	22.14	133.57	65	75	179.9				
66.00		0.2500	33.070	26.041	3543.9	21.91	132.28	65	76	178.1				
68.00		0.2500	32.746	25.784	3440.0	21.69	130.98	65	76	176.4				
70.00		0.2500	32.422	25.527	3338.2	21.46	129.69	65	76	174.6				
72.00		0.2500	32.098	25.270	3238.3	21.23	128.39	65	76	172.9				
74.00		0.2500	31.774	25.013	3140.5	21.00	127.10	65	77	171.1				
76.00		0.2500	31.450	24.756	3044.7	20.77	125.80	65	77	169.4				
78.00		0.2500	31.126	24.499	2950.8	20.54	124.50	65	77	167.6				
80.00		0.2500	30.802	24.242	2858.9	20.31	123.21	65	78	165.9				
82.00		0.2500	30.478	23.985	2769.0	20.09	121.91	65	78	164.1				
84.00		0.2500	30.154	23.728	2680.9	19.86	120.62	65	78	162.4				
86.00		0.2500	29.830	23.471	2594.7	19.63	119.32	65	78	160.6				
88.00		0.2500	29.506	23.214	2510.4	19.40	118.02	65	79	158.9				
90.00		0.2500	29.182	22.957	2427.9	19.17	116.73	65	79	157.1				

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Increment Length: 2 (ft)

Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fy (ksi)	Fb (ksi)	Weight (lb)	Additional Reinforcing Area (in^2)	Ixp (in^4)	Iyp (in^4)	Weight (lb)
92.00		0.2500	28.858	22.700	2347.3	18.94	115.43	65	79	155.4				
94.00		0.2500	28.534	22.443	2268.4	18.71	114.14	65	79	153.6				
96.00		0.2500	28.210	22.186	2191.4	18.49	112.84	65	80	151.9				
98.00		0.2500	27.886	21.929	2116.1	18.26	111.55	65	80	150.1				
98.75	Bot - Section 3	0.2500	27.765	21.832	2088.3	18.17	111.06	65	80	55.8				
100.00		0.2500	27.563	21.672	2042.5	18.03	110.25	65	80	163.0				
102.00		0.2500	27.239	21.415	1970.7	17.80	108.95	65	80	258.3				
102.25	Top - Section 2	0.1875	27.573	16.297	1544.2	24.52	147.06	65	73	32.1				
104.00		0.1875	27.290	16.129	1496.8	24.25	145.54	65	73	96.5				
106.00		0.1875	26.966	15.936	1443.7	23.95	143.82	65	73	109.1				
108.00		0.1875	26.642	15.743	1392.0	23.64	142.09	65	74	107.8				
110.00		0.1875	26.318	15.550	1341.5	23.34	140.36	65	74	106.5				
112.00		0.1875	25.994	15.357	1292.2	23.03	138.63	65	74	105.2				
114.00		0.1875	25.670	15.165	1244.1	22.73	136.91	65	75	103.9				
116.00		0.1875	25.346	14.972	1197.3	22.42	135.18	65	75	102.5				
118.00		0.1875	25.022	14.779	1151.6	22.12	133.45	65	75	101.2				
119.00		0.1875	24.860	14.683	1129.2	21.97	132.59	65	76	50.1				
								Total Weight		**11161.3**				**1117.8**

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Wind Loading - Shaft

Structure: CT13069-A
Site Name: Meriden
Height: 119.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 7/27/2023
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

Load Case: 1.2D + 1.0W 119 mph Wind
Dead Load Factor 1.20
Wind Load Factor 1.00

Iterations 27

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00	RB1	1.00	0.70	23.829	26.21	362.35	0.630	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00	RT1 RB2	1.00	0.70	23.829	26.21	360.99	0.630	0.000	1.00	3.654	2.30	60.3	0.0	139.1
2.00		1.00	0.70	23.829	26.21	359.63	0.630	0.000	1.00	3.640	2.29	60.1	0.0	138.6
4.00		1.00	0.70	23.829	26.21	356.92	0.630	0.000	2.00	7.239	4.56	119.5	0.0	275.6
6.00		1.00	0.70	23.829	26.21	354.21	0.630	0.000	2.00	7.184	4.53	118.6	0.0	273.5
8.00		1.00	0.70	23.829	26.21	351.49	0.630	0.000	2.00	7.129	4.49	117.7	0.0	271.4
10.00		1.00	0.70	23.829	26.21	348.78	0.630	0.000	2.00	7.075	4.46	116.8	0.0	269.3
12.00		1.00	0.70	23.829	26.21	346.07	0.630	0.000	2.00	7.020	4.42	115.9	0.0	267.2
14.00		1.00	0.70	23.829	26.21	343.35	0.630	0.000	2.00	6.965	4.39	115.0	0.0	265.1
16.00		1.00	0.70	23.829	26.21	340.64	0.630	0.000	2.00	6.910	4.35	114.1	0.0	263.0
18.00		1.00	0.70	23.829	26.21	337.93	0.630	0.000	2.00	6.855	4.32	113.2	0.0	260.9
18.25	RT2	1.00	0.70	23.829	26.21	337.59	0.630	0.000	0.25	0.853	0.54	14.1	0.0	32.5
20.00		1.00	0.70	23.829	26.21	335.21	0.630	0.000	1.75	5.947	3.75	98.2	0.0	226.3
22.00		1.00	0.70	23.829	26.21	332.50	0.630	0.000	2.00	6.746	4.25	111.4	0.0	256.7
24.00		1.00	0.70	23.829	26.21	329.79	0.630	0.000	2.00	6.691	4.22	110.5	0.0	254.6
26.00		1.00	0.70	23.829	26.21	327.07	0.630	0.000	2.00	6.636	4.18	109.6	0.0	252.5
28.00		1.00	0.70	23.829	26.21	324.36	0.630	0.000	2.00	6.581	4.15	108.7	0.0	250.4
30.00		1.00	0.71	24.074	26.48	323.29	0.630	0.000	2.00	6.526	4.11	108.9	0.0	248.3
32.00		1.00	0.72	24.508	26.96	323.44	0.630	0.000	2.00	6.471	4.08	109.9	0.0	246.2
34.00		1.00	0.73	24.923	27.42	323.40	0.630	0.000	2.00	6.417	4.04	110.8	0.0	244.1
36.00		1.00	0.74	25.322	27.85	323.18	0.630	0.000	2.00	6.362	4.01	111.6	0.0	242.0
38.00		1.00	0.76	25.706	28.28	322.80	0.630	0.000	2.00	6.307	3.97	112.4	0.0	239.9
40.00		1.00	0.77	26.076	28.68	322.27	0.630	0.000	2.00	6.252	3.94	113.0	0.0	237.8
42.00		1.00	0.78	26.433	29.08	321.62	0.630	0.000	2.00	6.197	3.90	113.5	0.0	235.7
44.00		1.00	0.79	26.778	29.46	320.84	0.630	0.000	2.00	6.142	3.87	114.0	0.0	233.6
46.00		1.00	0.80	27.113	29.82	319.94	0.630	0.000	2.00	6.088	3.84	114.4	0.0	231.5
48.00		1.00	0.81	27.438	30.18	318.94	0.630	0.000	2.00	6.033	3.80	114.7	0.0	229.4
48.75	Bot - Section 2	1.00	0.81	27.557	30.31	318.54	0.630	0.000	0.75	2.248	1.42	42.9	0.0	85.5
50.00		1.00	0.82	27.753	30.53	317.84	0.630	0.000	1.25	3.783	2.38	72.8	0.0	285.6
52.00		1.00	0.82	28.060	30.87	316.65	0.630	0.000	2.00	6.008	3.78	116.8	0.0	453.6
53.25	Top - Section 1	1.00	0.83	28.248	31.07	315.86	0.630	0.000	1.25	3.727	2.35	73.0	0.0	281.4
54.00		1.00	0.83	28.359	31.19	319.94	0.630	0.000	0.75	2.226	1.40	43.7	0.0	84.6
56.00		1.00	0.84	28.650	31.51	318.60	0.630	0.000	2.00	5.898	3.72	117.1	0.0	224.2
58.00		1.00	0.85	28.933	31.83	317.18	0.630	0.000	2.00	5.843	3.68	117.2	0.0	222.1
60.00		1.00	0.86	29.210	32.13	315.69	0.630	0.000	2.00	5.789	3.65	117.2	0.0	220.0
62.00		1.00	0.87	29.481	32.43	314.13	0.630	0.000	2.00	5.734	3.61	117.1	0.0	217.9
64.00		1.00	0.87	29.745	32.72	312.50	0.630	0.000	2.00	5.679	3.58	117.1	0.0	215.8
66.00		1.00	0.88	30.004	33.00	310.82	0.630	0.000	2.00	5.624	3.54	116.9	0.0	213.7
68.00		1.00	0.89	30.257	33.28	309.07	0.630	0.000	2.00	5.569	3.51	116.8	0.0	211.6
70.00		1.00	0.90	30.505	33.56	307.26	0.630	0.000	2.00	5.514	3.47	116.6	0.0	209.5
72.00		1.00	0.90	30.748	33.82	305.40	0.630	0.000	2.00	5.460	3.44	116.3	0.0	207.4
74.00		1.00	0.91	30.986	34.09	303.49	0.630	0.000	2.00	5.405	3.40	116.1	0.0	205.3
76.00		1.00	0.92	31.220	34.34	301.53	0.630	0.000	2.00	5.350	3.37	115.7	0.0	203.2
78.00		1.00	0.92	31.450	34.59	299.51	0.630	0.000	2.00	5.295	3.34	115.4	0.0	201.1
80.00		1.00	0.93	31.675	34.84	297.46	0.630	0.000	2.00	5.240	3.30	115.0	0.0	199.0
82.00		1.00	0.94	31.897	35.09	295.36	0.630	0.000	2.00	5.185	3.27	114.6	0.0	196.9
84.00		1.00	0.94	32.115	35.33	293.21	0.630	0.000	2.00	5.131	3.23	114.2	0.0	194.8

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Wind Loading - Shaft

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 7

86.00 Appurtenance(s)	1.00	0.95	32.329	35.56	291.03	0.630	0.000	2.00	5.076	3.20	113.7	0.0	192.7
88.00	1.00	0.96	32.539	35.79	288.80	0.630	0.000	2.00	5.021	3.16	113.2	0.0	190.6
90.00	1.00	0.96	32.747	36.02	286.54	0.630	0.000	2.00	4.966	3.13	112.7	0.0	188.5
92.00	1.00	0.97	32.951	36.25	284.24	0.630	0.000	2.00	4.911	3.09	112.1	0.0	186.4
94.00	1.00	0.97	33.152	36.47	281.91	0.630	0.000	2.00	4.857	3.06	111.6	0.0	184.3
96.00 Appurtenance(s)	1.00	0.98	33.349	36.68	279.54	0.630	0.000	2.00	4.802	3.03	111.0	0.0	182.2
98.00	1.00	0.99	33.544	36.90	277.13	0.630	0.000	2.00	4.747	2.99	110.3	0.0	180.1
98.75 Bot - Section 3	1.00	0.99	33.617	36.98	276.22	0.630	0.000	0.75	1.766	1.11	41.1	0.0	67.0
100.00	1.00	0.99	33.737	37.11	274.70	0.630	0.000	1.25	2.966	1.87	69.3	0.0	195.6
102.00	1.00	1.00	33.926	37.32	272.23	0.630	0.000	2.00	4.701	2.96	110.5	0.0	310.0
102.25 Top - Section 2	1.00	1.00	33.950	37.34	271.92	0.630	0.000	0.25	0.584	0.37	13.7	0.0	38.5
104.00	1.00	1.00	34.113	37.52	273.49	0.630	0.000	1.75	4.062	2.56	96.0	0.0	115.9
106.00 Appurtenance(s)	1.00	1.01	34.298	37.73	270.97	0.630	0.000	2.00	4.591	2.89	109.1	0.0	130.9
108.00	1.00	1.01	34.480	37.93	268.43	0.630	0.000	2.00	4.536	2.86	108.4	0.0	129.4
110.00	1.00	1.02	34.659	38.13	265.85	0.630	0.000	2.00	4.481	2.82	107.6	0.0	127.8
112.00	1.00	1.02	34.836	38.32	263.25	0.630	0.000	2.00	4.427	2.79	106.9	0.0	126.2
114.00	1.00	1.03	35.011	38.51	260.62	0.630	0.000	2.00	4.372	2.75	106.1	0.0	124.6
116.00 Appurtenance(s)	1.00	1.03	35.184	38.70	257.97	0.630	0.000	2.00	4.317	2.72	105.3	0.0	123.1
118.00	1.00	1.04	35.355	38.89	255.29	0.630	0.000	2.00	4.262	2.69	104.4	0.0	121.5
119.00	1.00	1.04	35.440	38.98	253.94	0.630	0.000	1.00	2.110	1.33	51.8	0.0	60.2
							Totals:	**119.00**			**6,734.6**		**13,393.5**

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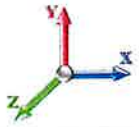
Discrete Appurtenance Forces

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 8	

Load Case: 1.2D + 1.0W 119 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 27

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	116.00	AIR6449 B41	3	35.184	38.703	0.53	0.75	9.03	370.80	0.000	0.000	349.33	0.00	0.00
2	116.00	Air 32	3	35.184	38.703	0.65	0.75	12.74	475.20	0.000	0.000	493.20	0.00	0.00
3	116.00	APXVAALL18-43-U-NA20	3	35.184	38.703	0.55	0.75	25.03	333.36	0.000	0.000	968.80	0.00	0.00
4	116.00	Sitepro RMQP-4096-HK	1	35.184	38.703	1.00	1.00	34.54	2334.00	0.000	0.000	1336.79	0.00	0.00
5	116.00	KRY 112 144/1	3	35.184	38.703	0.50	0.75	0.62	39.60	0.000	0.000	23.92	0.00	0.00
6	116.00	SDX1926Q-43 Diplexer	3	35.184	38.703	0.50	0.75	0.44	21.60	0.000	0.000	16.92	0.00	0.00
7	116.00	Radio 4449 B71+B85	3	35.184	38.703	0.38	0.75	2.22	266.40	0.000	0.000	85.78	0.00	0.00
8	116.00	Ericsson 4415 B25 RRU	3	35.184	38.703	0.38	0.75	1.84	165.60	0.000	0.000	71.41	0.00	0.00
9	116.00	Exposed Mount Pipes	12	35.184	38.703	0.75	0.75	15.12	432.00	0.000	0.000	585.19	0.00	0.00
10	106.00	PV-LPP12M-B w/ Mods	1	34.298	37.727	1.00	1.00	48.40	1938.00	0.000	0.000	1826.00	0.00	0.00
11	106.00	Kaelus KA-6030	2	34.298	37.727	0.49	0.75	0.94	42.24	0.000	0.000	35.31	0.00	0.00
12	106.00	Samsung VZS01	3	34.298	37.727	0.52	0.75	7.40	313.56	0.000	0.000	279.28	0.00	0.00
13	106.00	Andrew JAHH-65B-R3B	6	34.298	37.727	0.38	0.75	20.50	455.76	0.000	0.000	773.32	0.00	0.00
14	106.00	Commscope	3	34.298	37.727	0.38	0.75	0.62	37.44	0.000	0.000	23.34	0.00	0.00
15	106.00	Samsung RFV01U-D1A	3	34.298	37.727	0.38	0.75	2.11	253.08	0.000	0.000	79.79	0.00	0.00
16	106.00	Samsung RFV01UA-D2A	3	34.298	37.727	0.38	0.75	2.11	304.20	0.000	0.000	79.79	0.00	0.00
17	106.00	Samsung RFS	2	34.298	37.727	0.53	0.75	5.11	45.36	0.000	0.000	192.86	0.00	0.00
18	96.00	UDS-NPL (3 Sectors)	3	33.349	36.684	0.56	0.75	19.07	1260.00	0.000	0.000	699.53	0.00	0.00
19	96.00	NNVV-65B-R4	3	33.349	36.684	0.59	0.80	21.79	278.64	0.000	0.000	799.41	0.00	0.00
20	96.00	AAHC	3	33.349	36.684	0.60	0.80	7.56	374.40	0.000	0.000	277.33	0.00	0.00
21	96.00	1900 MHz	3	33.349	36.684	0.40	0.80	3.25	216.00	0.000	0.000	119.30	0.00	0.00
22	96.00	800 MHz RRU	6	33.349	36.684	0.40	0.80	5.98	381.60	0.000	0.000	219.23	0.00	0.00
23	96.00	TD-RRH8x20-25	3	33.349	36.684	0.40	0.80	4.86	252.00	0.000	0.000	178.29	0.00	0.00
24	96.00	VHLP2-18	2	33.349	36.684	1.00	1.00	9.38	74.40	2.194	0.000	344.10	754.81	0.00
25	96.00	VHLP1-23	1	33.349	36.684	1.00	1.00	1.61	17.04	0.000	0.000	59.06	0.00	0.00
26	86.00	MX08FRO665-21	3	32.329	35.562	0.55	0.75	20.80	232.20	0.000	0.000	739.53	0.00	0.00
27	86.00	Fujitsu TA08025-B605	3	32.329	35.562	0.38	0.75	2.21	270.00	0.000	0.000	78.41	0.00	0.00
28	86.00	Fujitsu TA08025-B604	3	32.329	35.562	0.38	0.75	2.21	230.04	0.000	0.000	78.41	0.00	0.00
29	86.00	Raycap	1	32.329	35.562	0.75	0.75	1.51	26.28	0.000	0.000	53.61	0.00	0.00
30	86.00	MC-PK8-DSH	1	32.329	35.562	1.00	1.00	34.23	2072.40	0.000	0.000	1217.27	0.00	0.00
							Totals:		**13,513.20**			**12,084.51**		

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Total Applied Force Summary

Structure:	CT13069-A		**Code:**	TIA-222-H	7/27/2023
Site Name:	Meriden		**Exposure:**	B	
Height:	119.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 9

Load Case: 1.2D + 1.0W 119 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 27

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
1.00		67.35	173.90	0.00	0.00
2.00		67.13	173.38	0.00	0.00
4.00		133.57	345.18	0.00	0.00
6.00		132.67	343.08	0.00	0.00
8.00		131.76	340.98	0.00	0.00
10.00		130.86	338.88	0.00	0.00
12.00		129.95	336.78	0.00	0.00
14.00		129.05	334.68	0.00	0.00
16.00		128.14	332.58	0.00	0.00
18.00		127.24	330.48	0.00	0.00
18.25		15.84	41.16	0.00	0.00
20.00		110.49	287.22	0.00	0.00
22.00		116.69	326.29	0.00	0.00
24.00		115.78	324.19	0.00	0.00
26.00		114.88	322.09	0.00	0.00
28.00		113.97	319.99	0.00	0.00
30.00		114.23	317.89	0.00	0.00
32.00		115.36	315.79	0.00	0.00
34.00		116.36	313.69	0.00	0.00
36.00		117.26	311.59	0.00	0.00
38.00		118.06	309.49	0.00	0.00
40.00		118.77	307.39	0.00	0.00
42.00		119.40	305.29	0.00	0.00
44.00		119.94	303.19	0.00	0.00
46.00		120.41	301.10	0.00	0.00
48.00		120.81	299.00	0.00	0.00
48.75		45.23	111.58	0.00	0.00
50.00		76.61	329.14	0.00	0.00
52.00		123.06	523.21	0.00	0.00
53.25		76.88	324.88	0.00	0.00
54.00		46.11	110.73	0.00	0.00
56.00		123.47	293.84	0.00	0.00
58.00		123.59	291.74	0.00	0.00
60.00		123.67	289.64	0.00	0.00
62.00		123.69	287.54	0.00	0.00
64.00		123.67	285.44	0.00	0.00
66.00		123.61	283.34	0.00	0.00
68.00		123.50	281.24	0.00	0.00
70.00		123.35	279.14	0.00	0.00
72.00		123.17	277.05	0.00	0.00
74.00		122.94	274.95	0.00	0.00
76.00		122.69	272.85	0.00	0.00
78.00		122.39	270.75	0.00	0.00
80.00		122.07	268.65	0.00	0.00
82.00		121.71	266.55	0.00	0.00
84.00		121.32	264.45	0.00	0.00

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Total Applied Force Summary

Structure:	CT13069-A		**Code:**	TIA-222-H	7/27/2023
Site Name:	Meriden		**Exposure:**	B	
Height:	119.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 10

86.00	(11) attachments	2288.14	3093.27	0.00	0.00
88.00		120.45	259.87	0.00	0.00
90.00		119.98	257.77	0.00	0.00
92.00		119.47	255.67	0.00	0.00
94.00		118.94	253.57	0.00	0.00
96.00	(24) attachments	2814.62	3105.55	754.81	0.00
98.00		117.80	236.42	0.00	0.00
98.75		43.94	88.12	0.00	0.00
100.00		74.02	230.80	0.00	0.00
102.00		118.06	366.30	0.00	0.00
102.25		14.68	45.53	0.00	0.00
104.00		102.66	165.11	0.00	0.00
106.00	(23) attachments	3406.44	3576.86	0.00	0.00
108.00		116.05	165.39	0.00	0.00
110.00		115.34	163.81	0.00	0.00
112.00		114.60	162.24	0.00	0.00
114.00		113.85	160.66	0.00	0.00
116.00	(34) attachments	4044.41	4597.65	0.00	0.00
118.00		112.28	124.63	0.00	0.00
119.00		51.83	60.15	0.00	0.00
	Totals:	**19,286.26**	**30,711.36**	**754.81**	**0.00**

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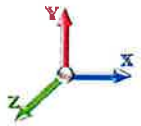
Linear Appurtenance Segment Forces (Factored)

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 11	

Load Case: 1.2D + 1.0W 119 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 27

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)
1.00	Safety Cable	Yes	1.00	1.200	0.38	0.03	0.04	0.000	0.000	23.829	1.00	0.33
1.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.05	0.06	0.000	0.000	23.829	1.65	1.25
1.00	1" Reinforcing plate	Yes	1.00	2.000	1.00	0.08	0.17	0.000	0.000	23.829	4.37	0.00
2.00	Safety Cable	Yes	1.00	1.200	0.38	0.03	0.04	0.000	0.000	23.829	1.00	0.33
2.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.05	0.06	0.000	0.000	23.829	1.65	1.25
2.00	1" Reinforcing plate	Yes	1.00	2.000	1.00	0.08	0.17	0.000	0.000	23.829	4.37	0.00
4.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.66
4.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	2.50
4.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	23.829	8.74	0.00
6.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.66
6.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	2.50
6.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	23.829	8.74	0.00
8.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.66
8.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	2.50
8.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	23.829	8.74	0.00
10.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.66
10.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	2.50
10.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	23.829	8.74	0.00
12.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.66
12.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	2.50
12.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	23.829	8.74	0.00
14.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.66
14.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	2.50
14.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	23.829	8.74	0.00
16.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.66
16.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	2.50
16.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	23.829	8.74	0.00
18.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.66
18.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	2.50
18.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	23.829	8.74	0.00
18.25	Safety Cable	Yes	0.25	1.200	0.38	0.01	0.01	0.000	0.000	23.829	0.25	0.08
18.25	Step bolts (ladder)	Yes	0.25	1.200	0.63	0.01	0.02	0.000	0.000	23.829	0.41	0.31
18.25	1" Reinforcing plate	Yes	0.25	2.000	1.00	0.02	0.04	0.000	0.000	23.829	1.09	0.00
20.00	Safety Cable	Yes	1.75	1.200	0.38	0.06	0.07	0.000	0.000	23.829	1.74	0.57
20.00	Step bolts (ladder)	Yes	1.75	1.200	0.63	0.09	0.11	0.000	0.000	23.829	2.89	2.18
20.00	1" Reinforcing plate	Yes	1.75	2.000	1.00	0.15	0.29	0.000	0.000	23.829	7.65	0.00
22.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.66
22.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	2.50
24.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.66
24.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	2.50
26.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.66
26.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	2.50
28.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.66
28.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	2.50
30.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	24.074	2.01	0.66
30.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	24.074	3.34	2.50
32.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	24.508	2.05	0.66

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Linear Appurtenance Segment Forces (Factored)

Structure: CT13069-A
Site Name: Meriden
Height: 119.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 7/27/2023
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

Load Case: 1.2D + 1.0W 119 mph Wind
Dead Load Factor 1.20
Wind Load Factor 1.00

Iterations 27

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
32.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	24.508	3.40	2.50
34.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	24.923	2.08	0.66
34.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	24.923	3.45	2.50
36.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	25.322	2.12	0.66
36.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	25.322	3.51	2.50
38.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	25.706	2.15	0.66
38.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	25.706	3.56	2.50
40.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	26.076	2.18	0.66
40.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	26.076	3.61	2.50
42.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	26.433	2.21	0.66
42.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	26.433	3.66	2.50
44.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	26.778	2.24	0.66
44.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	26.778	3.71	2.50
46.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	27.113	2.27	0.66
46.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	27.113	3.76	2.50
48.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	27.438	2.29	0.66
48.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	27.438	3.80	2.50
48.75	Safety Cable	Yes	0.75	1.200	0.38	0.02	0.03	0.000	0.000	27.557	0.86	0.25
48.75	Step bolts (ladder)	Yes	0.75	1.200	0.63	0.04	0.05	0.000	0.000	27.557	1.43	0.94
50.00	Safety Cable	Yes	1.25	1.200	0.38	0.04	0.05	0.000	0.000	27.753	1.45	0.41
50.00	Step bolts (ladder)	Yes	1.25	1.200	0.63	0.07	0.08	0.000	0.000	27.753	2.40	1.56
52.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	28.060	2.35	0.66
52.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	28.060	3.89	2.50
53.25	Safety Cable	Yes	1.25	1.200	0.38	0.04	0.05	0.000	0.000	28.248	1.48	0.41
53.25	Step bolts (ladder)	Yes	1.25	1.200	0.63	0.07	0.08	0.000	0.000	28.248	2.45	1.56
54.00	Safety Cable	Yes	0.75	1.200	0.38	0.02	0.03	0.000	0.000	28.359	0.89	0.25
54.00	Step bolts (ladder)	Yes	0.75	1.200	0.63	0.04	0.05	0.000	0.000	28.359	1.47	0.94
56.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	28.650	2.40	0.66
56.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	28.650	3.97	2.50
58.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	28.933	2.42	0.66
58.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	28.933	4.01	2.50
60.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	29.210	2.44	0.66
60.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	29.210	4.05	2.50
62.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	29.481	2.46	0.66
62.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	29.481	4.09	2.50
64.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	29.745	2.49	0.66
64.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	29.745	4.12	2.50
66.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	30.004	2.51	0.66
66.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	30.004	4.16	2.50
68.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	30.257	2.53	0.66
68.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	30.257	4.19	2.50
70.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	30.505	2.55	0.66
70.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	30.505	4.23	2.50
72.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	30.748	2.57	0.66
72.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	30.748	4.26	2.50
74.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	30.986	2.59	0.66
74.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	30.986	4.29	2.50

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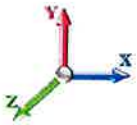
Linear Appurtenance Segment Forces (Factored)

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 13	

Load Case: 1.2D + 1.0W 119 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 27

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
76.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	31.220	2.61	0.66
76.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	31.220	4.33	2.50
78.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	31.450	2.63	0.66
78.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	31.450	4.36	2.50
80.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	31.675	2.65	0.66
80.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	31.675	4.39	2.50
82.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	31.897	2.67	0.66
82.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	31.897	4.42	2.50
84.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	32.115	2.68	0.66
84.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	32.115	4.45	2.50
86.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	32.329	2.70	0.66
86.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	32.329	4.48	2.50
88.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	32.539	2.72	0.66
88.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	32.539	4.51	2.50
90.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	32.747	2.74	0.66
90.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	32.747	4.54	2.50
92.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	32.951	2.75	0.66
92.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	32.951	4.57	2.50
94.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	33.152	2.77	0.66
94.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	33.152	4.59	2.50
96.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	33.349	2.79	0.66
96.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	33.349	4.62	2.50
98.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	33.544	2.80	0.66
98.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	33.544	4.65	2.50
98.75	Safety Cable	Yes	0.75	1.200	0.38	0.02	0.03	0.000	0.000	33.617	1.05	0.25
98.75	Step bolts (ladder)	Yes	0.75	1.200	0.63	0.04	0.05	0.000	0.000	33.617	1.75	0.94
100.00	Safety Cable	Yes	1.25	1.200	0.38	0.04	0.05	0.000	0.000	33.737	1.76	0.41
100.00	Step bolts (ladder)	Yes	1.25	1.200	0.63	0.07	0.08	0.000	0.000	33.737	2.92	1.56
102.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	33.926	2.84	0.66
102.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	33.926	4.70	2.50
102.25	Safety Cable	Yes	0.25	1.200	0.38	0.01	0.01	0.000	0.000	33.950	0.35	0.08
102.25	Step bolts (ladder)	Yes	0.25	1.200	0.63	0.01	0.02	0.000	0.000	33.950	0.59	0.31
104.00	Safety Cable	Yes	1.75	1.200	0.38	0.06	0.07	0.000	0.000	34.113	2.50	0.57
104.00	Step bolts (ladder)	Yes	1.75	1.200	0.63	0.09	0.11	0.000	0.000	34.113	4.14	2.18
106.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	34.298	2.87	0.66
106.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	34.298	4.75	2.50
108.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	34.480	2.88	0.66
108.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	34.480	4.78	2.50
110.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	34.659	2.90	0.66
110.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	34.659	4.80	2.50
112.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	34.836	2.91	0.66
112.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	34.836	4.83	2.50
114.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	35.011	2.93	0.66
114.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	35.011	4.85	2.50
116.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	35.184	2.94	0.66
116.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	35.184	4.88	2.50
118.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	35.355	2.96	0.66

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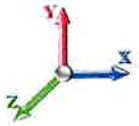
Linear Appurtenance Segment Forces (Factored)

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 14	

Load Case: 1.2D + 1.0W 119 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 27

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)
118.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	35.355	4.90	2.50
										Totals:	**467.1**	**185.9**

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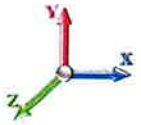
Calculated Forces

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 15	

Load Case: 1.2D + 1.0W 119 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 27

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-30.70	-19.30	-0.75	-1769.7	-0.01	1769.71	2063.18	598.93	2137.28	1829.55	0.00	0.000	0.000	0.826
1.00	-30.51	-19.26	-0.75	-1750.4	-0.01	1750.41	2059.52	596.68	2121.21	1819.38	0.01	-0.053	0.000	0.684
2.00	-30.32	-19.23	-0.75	-1731.1	-0.01	1731.15	2055.83	594.42	2105.21	1809.22	0.02	-0.097	0.000	0.679
4.00	-29.94	-19.14	-0.75	-1692.7	-0.01	1692.70	2048.36	589.91	2073.38	1788.88	0.08	-0.184	0.000	0.670
6.00	-29.57	-19.05	-0.75	-1654.4	-0.01	1654.42	2040.76	585.40	2041.79	1768.54	0.18	-0.271	0.000	0.661
8.00	-29.20	-18.96	-0.75	-1616.3	-0.01	1616.33	2033.04	580.89	2010.44	1748.19	0.31	-0.358	0.000	0.651
10.00	-28.84	-18.87	-0.75	-1578.4	-0.01	1578.41	2025.20	576.38	1979.33	1727.84	0.48	-0.444	0.000	0.642
12.00	-28.47	-18.78	-0.75	-1540.6	-0.01	1540.67	2017.23	571.87	1948.47	1707.49	0.68	-0.531	0.000	0.633
14.00	-28.11	-18.69	-0.75	-1503.1	-0.01	1503.11	2009.13	567.35	1917.85	1687.14	0.92	-0.617	0.000	0.623
16.00	-27.75	-18.60	-0.75	-1465.7	-0.01	1465.73	2000.92	562.84	1887.48	1666.80	1.20	-0.702	0.000	0.613
18.00	-27.41	-18.49	-0.75	-1428.5	-0.01	1428.54	1992.57	558.33	1857.34	1646.46	1.51	-0.788	-0.001	0.604
18.25	-27.35	-18.49	-0.75	-1423.9	-0.01	1423.92	1991.52	557.77	1853.59	1643.92	1.56	-0.799	-0.001	0.602
18.25	-27.35	-18.49	-0.75	-1423.9	-0.01	1423.92	1991.52	557.77	1853.59	1643.92	1.56	-0.799	-0.001	0.602
20.00	-27.04	-18.43	-0.75	-1391.5	-0.01	1391.55	1984.11	553.82	1827.45	1626.14	1.86	-0.873	-0.001	0.870
22.00	-26.67	-18.36	-0.75	-1354.7	-0.01	1354.70	1975.52	549.31	1797.80	1605.83	2.26	-0.997	-0.001	0.858
24.00	-26.31	-18.30	-0.75	-1317.9	-0.01	1317.98	1966.80	544.80	1768.39	1585.53	2.70	-1.120	-0.001	0.846
26.00	-25.95	-18.23	-0.75	-1281.3	-0.01	1281.38	1957.96	540.29	1739.23	1565.25	3.20	-1.244	-0.001	0.833
28.00	-25.60	-18.16	-0.75	-1244.9	-0.01	1244.92	1948.99	535.78	1710.31	1544.99	3.74	-1.366	-0.001	0.820
30.00	-25.24	-18.10	-0.75	-1208.5	-0.01	1208.59	1939.91	531.27	1681.63	1524.76	4.34	-1.489	-0.001	0.807
32.00	-24.89	-18.03	-0.75	-1172.4	-0.01	1172.40	1930.69	526.75	1653.19	1504.55	4.99	-1.610	-0.001	0.793
34.00	-24.54	-17.95	-0.75	-1136.3	-0.01	1136.35	1921.36	522.24	1624.99	1484.36	5.69	-1.731	-0.001	0.780
36.00	-24.20	-17.88	-0.75	-1100.4	-0.01	1100.45	1911.89	517.73	1597.04	1464.21	6.45	-1.852	-0.001	0.765
38.00	-23.86	-17.80	-0.75	-1064.7	-0.01	1064.70	1902.31	513.22	1569.33	1444.09	7.25	-1.971	-0.001	0.751
40.00	-23.52	-17.72	-0.75	-1029.1	-0.01	1029.11	1892.60	508.71	1541.86	1424.00	8.10	-2.090	-0.001	0.736
42.00	-23.18	-17.63	-0.75	-993.68	-0.01	993.68	1882.76	504.20	1514.64	1403.96	9.00	-2.208	-0.001	0.721
44.00	-22.85	-17.55	-0.75	-958.41	-0.02	958.41	1872.80	499.69	1487.66	1383.95	9.95	-2.324	-0.002	0.706
46.00	-22.51	-17.46	-0.75	-923.32	-0.02	923.32	1862.72	495.18	1460.92	1363.99	10.95	-2.440	-0.002	0.690
48.00	-22.20	-17.36	-0.75	-888.40	-0.02	888.40	1852.51	490.67	1434.42	1344.07	12.00	-2.554	-0.002	0.674
48.75	-22.07	-17.33	-0.75	-875.39	-0.02	875.39	1848.65	488.97	1424.55	1336.61	12.40	-2.597	-0.002	0.668
50.00	-21.72	-17.27	-0.75	-853.73	-0.02	853.73	1842.18	486.15	1408.17	1324.20	13.09	-2.668	-0.002	0.658
52.00	-21.17	-17.16	-0.75	-819.19	-0.02	819.19	1831.72	481.64	1382.15	1304.37	14.23	-2.780	-0.002	0.641
53.25	-20.84	-17.08	-0.75	-797.74	-0.02	797.74	1841.33	485.79	1406.04	1322.58	14.97	-2.849	-0.002	0.616
54.00	-20.71	-17.06	-0.75	-784.93	-0.02	784.93	1837.42	484.09	1396.26	1315.14	15.42	-2.890	-0.002	0.609
56.00	-20.39	-16.96	-0.75	-750.81	-0.02	750.81	1826.91	479.58	1370.36	1295.34	16.65	-2.994	-0.002	0.592
58.00	-20.08	-16.85	-0.75	-716.90	-0.02	716.90	1816.27	475.07	1344.70	1275.60	17.93	-3.096	-0.002	0.574
60.00	-19.76	-16.75	-0.75	-683.19	-0.02	683.19	1805.51	470.56	1319.28	1255.91	19.25	-3.196	-0.002	0.556
62.00	-19.46	-16.64	-0.75	-649.70	-0.02	649.70	1794.62	466.05	1294.11	1236.28	20.61	-3.294	-0.002	0.538
64.00	-19.15	-16.53	-0.75	-616.42	-0.03	616.42	1783.61	461.54	1269.18	1216.72	22.01	-3.390	-0.003	0.519
66.00	-18.85	-16.42	-0.75	-583.35	-0.03	583.35	1772.48	457.03	1244.49	1197.22	23.45	-3.484	-0.003	0.499
68.00	-18.55	-16.31	-0.75	-550.51	-0.03	550.51	1761.22	452.52	1220.04	1177.78	24.93	-3.575	-0.003	0.479
70.00	-18.26	-16.20	-0.75	-517.89	-0.03	517.89	1749.83	448.01	1195.84	1158.41	26.44	-3.663	-0.003	0.459
72.00	-17.96	-16.08	-0.75	-485.49	-0.03	485.49	1738.33	443.49	1171.88	1139.12	27.99	-3.749	-0.003	0.438
74.00	-17.67	-15.97	-0.75	-453.32	-0.03	453.32	1726.69	438.98	1148.16	1119.90	29.58	-3.831	-0.003	0.416
76.00	-17.39	-15.85	-0.75	-421.39	-0.03	421.39	1714.94	434.47	1124.68	1100.75	31.20	-3.910	-0.003	0.394
78.00	-17.11	-15.73	-0.75	-389.69	-0.03	389.69	1703.06	429.96	1101.45	1081.68	32.86	-3.986	-0.003	0.372
80.00	-16.83	-15.61	-0.75	-358.23	-0.04	358.23	1691.05	425.45	1078.46	1062.70	34.54	-4.058	-0.004	0.348
82.00	-16.55	-15.49	-0.75	-327.00	-0.04	327.00	1678.92	420.94	1055.71	1043.80	36.26	-4.126	-0.004	0.325
84.00	-16.28	-15.37	-0.75	-296.02	-0.04	296.02	1666.67	416.43	1033.20	1024.99	38.00	-4.190	-0.004	0.300

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Calculated Forces

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 16

86.00	-13.35	-12.87	-0.75	-265.29	-0.04	265.29	1654.29	411.92	1010.94	1006.26	39.76	-4.250	-0.004	0.273
88.00	-13.09	-12.74	-0.75	-239.54	-0.04	239.54	1641.79	407.41	988.92	987.63	41.56	-4.305	-0.004	0.252
90.00	-12.83	-12.62	-0.75	-214.06	-0.04	214.06	1629.16	402.89	967.14	969.09	43.37	-4.357	-0.004	0.230
92.00	-12.58	-12.49	-0.75	-188.82	-0.05	188.82	1616.41	398.38	945.60	950.64	45.20	-4.404	-0.005	0.207
94.00	-12.32	-12.36	-0.75	-163.85	-0.05	163.85	1603.53	393.87	924.31	932.30	47.06	-4.447	-0.005	0.184
96.00	-9.44	-9.32	0.00	-139.13	0.01	139.13	1590.53	389.36	903.25	914.06	48.93	-4.485	-0.005	0.159
98.00	-9.21	-9.18	0.00	-120.50	0.01	120.50	1577.41	384.85	882.45	895.92	50.81	-4.518	-0.005	0.141
98.75	-9.12	-9.14	0.00	-113.62	0.01	113.62	1572.46	383.16	874.71	889.15	51.52	-4.530	-0.005	0.134
100.00	-8.90	-9.05	0.00	-102.20	0.01	102.20	1564.16	380.34	861.88	877.89	52.71	-4.549	-0.005	0.123
102.00	-8.54	-8.90	0.00	-84.10	0.01	84.10	1550.79	375.83	841.56	859.97	54.62	-4.575	-0.005	0.104
102.25	-8.49	-8.89	0.00	-81.88	0.01	81.88	1064.30	286.02	649.87	600.31	54.86	-4.578	-0.005	0.145
104.00	-8.33	-8.77	0.00	-66.33	0.01	66.33	1057.83	283.06	636.49	590.45	56.54	-4.596	-0.005	0.121
106.00	-5.04	-5.09	0.00	-48.78	0.00	48.78	1050.33	279.67	621.36	579.20	58.47	-4.618	-0.005	0.089
108.00	-4.88	-4.96	0.00	-38.60	0.00	38.60	1042.70	276.29	606.42	567.99	60.40	-4.635	-0.005	0.073
110.00	-4.73	-4.84	0.00	-28.67	0.00	28.67	1034.95	272.91	591.66	556.81	62.35	-4.649	-0.005	0.056
112.00	-4.58	-4.71	0.00	-19.00	0.00	19.00	1027.07	269.52	577.08	545.68	64.29	-4.659	-0.005	0.040
114.00	-4.42	-4.58	0.00	-9.58	0.00	9.58	1019.06	266.14	562.68	534.58	66.25	-4.666	-0.005	0.023
116.00	-0.17	-0.18	0.00	-0.41	0.00	0.41	1010.94	262.76	548.47	523.52	68.20	-4.668	-0.005	0.001
118.00	-0.06	-0.06	0.00	-0.06	0.00	0.06	1002.69	259.37	534.43	512.52	70.15	-4.668	-0.005	0.000
119.00	0.00	-0.05	0.00	0.00	0.00	0.00	998.51	257.68	527.49	507.03	71.13	-4.668	-0.005	0.000

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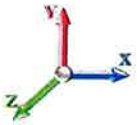
Wind Loading - Shaft

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 17

Load Case: 0.9D + 1.0W 119 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 27

Elev (ft)	Description	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	RB1	1.00	0.70	23.829	26.21	362.35	0.630	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00	RT1 RB2	1.00	0.70	23.829	26.21	360.99	0.630	0.000	1.00	3.654	2.30	60.3	0.0	104.3
2.00		1.00	0.70	23.829	26.21	359.63	0.630	0.000	1.00	3.640	2.29	60.1	0.0	103.9
4.00		1.00	0.70	23.829	26.21	356.92	0.630	0.000	2.00	7.239	4.56	119.5	0.0	206.7
6.00		1.00	0.70	23.829	26.21	354.21	0.630	0.000	2.00	7.184	4.53	118.6	0.0	205.1
8.00		1.00	0.70	23.829	26.21	351.49	0.630	0.000	2.00	7.129	4.49	117.7	0.0	203.5
10.00		1.00	0.70	23.829	26.21	348.78	0.630	0.000	2.00	7.075	4.46	116.8	0.0	201.9
12.00		1.00	0.70	23.829	26.21	346.07	0.630	0.000	2.00	7.020	4.42	115.9	0.0	200.4
14.00		1.00	0.70	23.829	26.21	343.35	0.630	0.000	2.00	6.965	4.39	115.0	0.0	198.8
16.00		1.00	0.70	23.829	26.21	340.64	0.630	0.000	2.00	6.910	4.35	114.1	0.0	197.2
18.00		1.00	0.70	23.829	26.21	337.93	0.630	0.000	2.00	6.855	4.32	113.2	0.0	195.6
18.25	RT2	1.00	0.70	23.829	26.21	337.59	0.630	0.000	0.25	0.853	0.54	14.1	0.0	24.3
20.00		1.00	0.70	23.829	26.21	335.21	0.630	0.000	1.75	5.947	3.75	98.2	0.0	169.7
22.00		1.00	0.70	23.829	26.21	332.50	0.630	0.000	2.00	6.746	4.25	111.4	0.0	192.5
24.00		1.00	0.70	23.829	26.21	329.79	0.630	0.000	2.00	6.691	4.22	110.5	0.0	190.9
26.00		1.00	0.70	23.829	26.21	327.07	0.630	0.000	2.00	6.636	4.18	109.6	0.0	189.3
28.00		1.00	0.70	23.829	26.21	324.36	0.630	0.000	2.00	6.581	4.15	108.7	0.0	187.8
30.00		1.00	0.71	24.074	26.48	323.29	0.630	0.000	2.00	6.526	4.11	108.9	0.0	186.2
32.00		1.00	0.72	24.508	26.96	323.44	0.630	0.000	2.00	6.471	4.08	109.9	0.0	184.6
34.00		1.00	0.73	24.923	27.42	323.40	0.630	0.000	2.00	6.417	4.04	110.8	0.0	183.1
36.00		1.00	0.74	25.322	27.85	323.18	0.630	0.000	2.00	6.362	4.01	111.6	0.0	181.5
38.00		1.00	0.76	25.706	28.28	322.80	0.630	0.000	2.00	6.307	3.97	112.4	0.0	179.9
40.00		1.00	0.77	26.076	28.68	322.27	0.630	0.000	2.00	6.252	3.94	113.0	0.0	178.3
42.00		1.00	0.78	26.433	29.08	321.62	0.630	0.000	2.00	6.197	3.90	113.5	0.0	176.8
44.00		1.00	0.79	26.778	29.46	320.84	0.630	0.000	2.00	6.142	3.87	114.0	0.0	175.2
46.00		1.00	0.80	27.113	29.82	319.94	0.630	0.000	2.00	6.088	3.84	114.4	0.0	173.6
48.00		1.00	0.81	27.438	30.18	318.94	0.630	0.000	2.00	6.033	3.80	114.7	0.0	172.0
48.75	Bot - Section 2	1.00	0.81	27.557	30.31	318.54	0.630	0.000	0.75	2.248	1.42	42.9	0.0	64.1
50.00		1.00	0.82	27.753	30.53	317.84	0.630	0.000	1.25	3.783	2.38	72.8	0.0	214.2
52.00		1.00	0.82	28.060	30.87	316.65	0.630	0.000	2.00	6.008	3.78	116.8	0.0	340.2
53.25	Top - Section 1	1.00	0.83	28.248	31.07	315.86	0.630	0.000	1.25	3.727	2.35	73.0	0.0	211.0
54.00		1.00	0.83	28.359	31.19	319.94	0.630	0.000	0.75	2.226	1.40	43.7	0.0	63.5
56.00		1.00	0.84	28.650	31.51	318.60	0.630	0.000	2.00	5.898	3.72	117.1	0.0	168.2
58.00		1.00	0.85	28.933	31.83	317.18	0.630	0.000	2.00	5.843	3.68	117.2	0.0	166.6
60.00		1.00	0.86	29.210	32.13	315.69	0.630	0.000	2.00	5.789	3.65	117.2	0.0	165.0
62.00		1.00	0.87	29.481	32.43	314.13	0.630	0.000	2.00	5.734	3.61	117.1	0.0	163.4
64.00		1.00	0.87	29.745	32.72	312.50	0.630	0.000	2.00	5.679	3.58	117.1	0.0	161.9
66.00		1.00	0.88	30.004	33.00	310.82	0.630	0.000	2.00	5.624	3.54	116.9	0.0	160.3
68.00		1.00	0.89	30.257	33.28	309.07	0.630	0.000	2.00	5.569	3.51	116.8	0.0	158.7
70.00		1.00	0.90	30.505	33.56	307.26	0.630	0.000	2.00	5.514	3.47	116.6	0.0	157.1
72.00		1.00	0.90	30.748	33.82	305.40	0.630	0.000	2.00	5.460	3.44	116.3	0.0	155.6
74.00		1.00	0.91	30.986	34.09	303.49	0.630	0.000	2.00	5.405	3.40	116.1	0.0	154.0
76.00		1.00	0.92	31.220	34.34	301.53	0.630	0.000	2.00	5.350	3.37	115.7	0.0	152.4
78.00		1.00	0.92	31.450	34.59	299.51	0.630	0.000	2.00	5.295	3.34	115.4	0.0	150.8
80.00		1.00	0.93	31.675	34.84	297.46	0.630	0.000	2.00	5.240	3.30	115.0	0.0	149.3
82.00		1.00	0.94	31.897	35.09	295.36	0.630	0.000	2.00	5.185	3.27	114.6	0.0	147.7
84.00		1.00	0.94	32.115	35.33	293.21	0.630	0.000	2.00	5.131	3.23	114.2	0.0	146.1

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Wind Loading - Shaft

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 18

86.00 Appurtenance(s)	1.00	0.95	32.329	35.56	291.03	0.630	0.000	2.00	5.076	3.20	113.7	0.0	144.5
88.00	1.00	0.96	32.539	35.79	288.80	0.630	0.000	2.00	5.021	3.16	113.2	0.0	143.0
90.00	1.00	0.96	32.747	36.02	286.54	0.630	0.000	2.00	4.966	3.13	112.7	0.0	141.4
92.00	1.00	0.97	32.951	36.25	284.24	0.630	0.000	2.00	4.911	3.09	112.1	0.0	139.8
94.00	1.00	0.97	33.152	36.47	281.91	0.630	0.000	2.00	4.857	3.06	111.6	0.0	138.2
96.00 Appurtenance(s)	1.00	0.98	33.349	36.68	279.54	0.630	0.000	2.00	4.802	3.03	111.0	0.0	136.7
98.00	1.00	0.99	33.544	36.90	277.13	0.630	0.000	2.00	4.747	2.99	110.3	0.0	135.1
98.75 Bot - Section 3	1.00	0.99	33.617	36.98	276.22	0.630	0.000	0.75	1.766	1.11	41.1	0.0	50.3
100.00	1.00	0.99	33.737	37.11	274.70	0.630	0.000	1.25	2.966	1.87	69.3	0.0	146.7
102.00	1.00	1.00	33.926	37.32	272.23	0.630	0.000	2.00	4.701	2.96	110.5	0.0	232.5
102.25 Top - Section 2	1.00	1.00	33.950	37.34	271.92	0.630	0.000	0.25	0.584	0.37	13.7	0.0	28.9
104.00	1.00	1.00	34.113	37.52	273.49	0.630	0.000	1.75	4.062	2.56	96.0	0.0	86.9
106.00 Appurtenance(s)	1.00	1.01	34.298	37.73	270.97	0.630	0.000	2.00	4.591	2.89	109.1	0.0	98.2
108.00	1.00	1.01	34.480	37.93	268.43	0.630	0.000	2.00	4.536	2.86	108.4	0.0	97.0
110.00	1.00	1.02	34.659	38.13	265.85	0.630	0.000	2.00	4.481	2.82	107.6	0.0	95.8
112.00	1.00	1.02	34.836	38.32	263.25	0.630	0.000	2.00	4.427	2.79	106.9	0.0	94.7
114.00	1.00	1.03	35.011	38.51	260.62	0.630	0.000	2.00	4.372	2.75	106.1	0.0	93.5
116.00 Appurtenance(s)	1.00	1.03	35.184	38.70	257.97	0.630	0.000	2.00	4.317	2.72	105.3	0.0	92.3
118.00	1.00	1.04	35.355	38.89	255.29	0.630	0.000	2.00	4.262	2.69	104.4	0.0	91.1
119.00	1.00	1.04	35.440	38.98	253.94	0.630	0.000	1.00	2.110	1.33	51.8	0.0	45.1
							Totals:	**119.00**			**6,734.6**		**10,045.1**

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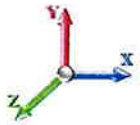
Discrete Appurtenance Forces

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 19	

Load Case: 0.9D + 1.0W 119 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 27

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	116.00	Sitepro RMQP-4096-HK	1	35.184	38.703	1.00	1.00	34.54	1750.50	0.000	0.000	1336.79	0.00	0.00
2	116.00	AIR6449 B41	3	35.184	38.703	0.53	0.75	9.03	278.10	0.000	0.000	349.33	0.00	0.00
3	116.00	Air 32	3	35.184	38.703	0.65	0.75	12.74	356.40	0.000	0.000	493.20	0.00	0.00
4	116.00	APXVAALL18-43-U-NA20	3	35.184	38.703	0.55	0.75	25.03	250.02	0.000	0.000	968.80	0.00	0.00
5	116.00	Exposed Mount Pipes	12	35.184	38.703	0.75	0.75	15.12	324.00	0.000	0.000	585.19	0.00	0.00
6	116.00	KRY 112 144/1	3	35.184	38.703	0.50	0.75	0.62	29.70	0.000	0.000	23.92	0.00	0.00
7	116.00	SDX1926Q-43 Diplexer	3	35.184	38.703	0.50	0.75	0.44	16.20	0.000	0.000	16.92	0.00	0.00
8	116.00	Radio 4449 B71+B85	3	35.184	38.703	0.38	0.75	2.22	199.80	0.000	0.000	85.78	0.00	0.00
9	116.00	Ericsson 4415 B25 RRU	3	35.184	38.703	0.38	0.75	1.84	124.20	0.000	0.000	71.41	0.00	0.00
10	106.00	Samsung RFS	2	34.298	37.727	0.53	0.75	5.11	34.02	0.000	0.000	192.86	0.00	0.00
11	106.00	Samsung RFV01UA-D2A	3	34.298	37.727	0.38	0.75	2.11	228.15	0.000	0.000	79.79	0.00	0.00
12	106.00	Samsung RFV01U-D1A	3	34.298	37.727	0.38	0.75	2.11	189.81	0.000	0.000	79.79	0.00	0.00
13	106.00	Commscope	3	34.298	37.727	0.38	0.75	0.62	28.08	0.000	0.000	23.34	0.00	0.00
14	106.00	Andrew JAHH-65B-R3B	6	34.298	37.727	0.38	0.75	20.50	341.82	0.000	0.000	773.32	0.00	0.00
15	106.00	Samsung VZS01	3	34.298	37.727	0.52	0.75	7.40	235.17	0.000	0.000	279.28	0.00	0.00
16	106.00	Kaelus KA-6030	2	34.298	37.727	0.49	0.75	0.94	31.68	0.000	0.000	35.31	0.00	0.00
17	106.00	PV-LPP12M-B w/ Mods	1	34.298	37.727	1.00	1.00	48.40	1453.50	0.000	0.000	1826.00	0.00	0.00
18	96.00	1900 MHz	3	33.349	36.684	0.40	0.80	3.25	162.00	0.000	0.000	119.30	0.00	0.00
19	96.00	UDS-NPL (3 Sectors)	3	33.349	36.684	0.56	0.75	19.07	945.00	0.000	0.000	699.53	0.00	0.00
20	96.00	NNVV-65B-R4	3	33.349	36.684	0.59	0.80	21.79	208.98	0.000	0.000	799.41	0.00	0.00
21	96.00	AAHC	3	33.349	36.684	0.60	0.80	7.56	280.80	0.000	0.000	277.33	0.00	0.00
22	96.00	800 MHz RRU	6	33.349	36.684	0.40	0.80	5.98	286.20	0.000	0.000	219.23	0.00	0.00
23	96.00	TD-RRH8x20-25	3	33.349	36.684	0.40	0.80	4.86	189.00	0.000	0.000	178.29	0.00	0.00
24	96.00	VHLP2-18	2	33.349	36.684	1.00	1.00	9.38	55.80	2.194	0.000	344.10	754.81	0.00
25	96.00	VHLP1-23	1	33.349	36.684	1.00	1.00	1.61	12.78	0.000	0.000	59.06	0.00	0.00
26	86.00	MC-PK8-DSH	1	32.329	35.562	1.00	1.00	34.23	1554.30	0.000	0.000	1217.27	0.00	0.00
27	86.00	Raycap	1	32.329	35.562	0.75	0.75	1.51	19.71	0.000	0.000	53.61	0.00	0.00
28	86.00	Fujitsu TA08025-B604	3	32.329	35.562	0.38	0.75	2.21	172.53	0.000	0.000	78.41	0.00	0.00
29	86.00	Fujitsu TA08025-B605	3	32.329	35.562	0.38	0.75	2.21	202.50	0.000	0.000	78.41	0.00	0.00
30	86.00	MX08FRO665-21	3	32.329	35.562	0.55	0.75	20.80	174.15	0.000	0.000	739.53	0.00	0.00
							Totals:		**10,134.90**			**12,084.51**		

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Total Applied Force Summary

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 20	

Load Case: 0.9D + 1.0W 119 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00

Iterations 27

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
1.00		67.35	130.43	0.00	0.00
2.00		67.13	130.03	0.00	0.00
4.00		133.57	258.88	0.00	0.00
6.00		132.67	257.31	0.00	0.00
8.00		131.76	255.73	0.00	0.00
10.00		130.86	254.16	0.00	0.00
12.00		129.95	252.59	0.00	0.00
14.00		129.05	251.01	0.00	0.00
16.00		128.14	249.44	0.00	0.00
18.00		127.24	247.86	0.00	0.00
18.25		15.84	30.87	0.00	0.00
20.00		110.49	215.42	0.00	0.00
22.00		116.69	244.71	0.00	0.00
24.00		115.78	243.14	0.00	0.00
26.00		114.88	241.57	0.00	0.00
28.00		113.97	239.99	0.00	0.00
30.00		114.23	238.42	0.00	0.00
32.00		115.36	236.84	0.00	0.00
34.00		116.36	235.27	0.00	0.00
36.00		117.26	233.69	0.00	0.00
38.00		118.06	232.12	0.00	0.00
40.00		118.77	230.54	0.00	0.00
42.00		119.40	228.97	0.00	0.00
44.00		119.94	227.40	0.00	0.00
46.00		120.41	225.82	0.00	0.00
48.00		120.81	224.25	0.00	0.00
48.75		45.23	83.69	0.00	0.00
50.00		76.61	246.86	0.00	0.00
52.00		123.06	392.41	0.00	0.00
53.25		76.88	243.66	0.00	0.00
54.00		46.11	83.05	0.00	0.00
56.00		123.47	220.38	0.00	0.00
58.00		123.59	218.80	0.00	0.00
60.00		123.67	217.23	0.00	0.00
62.00		123.69	215.66	0.00	0.00
64.00		123.67	214.08	0.00	0.00
66.00		123.61	212.51	0.00	0.00
68.00		123.50	210.93	0.00	0.00
70.00		123.35	209.36	0.00	0.00
72.00		123.17	207.78	0.00	0.00
74.00		122.94	206.21	0.00	0.00
76.00		122.69	204.64	0.00	0.00
78.00		122.39	203.06	0.00	0.00
80.00		122.07	201.49	0.00	0.00
82.00		121.71	199.91	0.00	0.00
84.00		121.32	198.34	0.00	0.00

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Total Applied Force Summary

Structure:	CT13069-A		**Code:**	TIA-222-H	7/27/2023
Site Name:	Meriden		**Exposure:**	B	
Height:	119.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 21

86.00	(11) attachments	2288.14	2319.95	0.00	0.00
88.00		120.45	194.90	0.00	0.00
90.00		119.98	193.33	0.00	0.00
92.00		119.47	191.75	0.00	0.00
94.00		118.94	190.18	0.00	0.00
96.00	(24) attachments	2814.62	2329.16	754.81	0.00
98.00		117.80	177.32	0.00	0.00
98.75		43.94	66.09	0.00	0.00
100.00		74.02	173.10	0.00	0.00
102.00		118.06	274.73	0.00	0.00
102.25		14.68	34.15	0.00	0.00
104.00		102.66	123.83	0.00	0.00
106.00	(23) attachments	3406.44	2682.64	0.00	0.00
108.00		116.05	124.04	0.00	0.00
110.00		115.34	122.86	0.00	0.00
112.00		114.60	121.68	0.00	0.00
114.00		113.85	120.50	0.00	0.00
116.00	(34) attachments	4044.41	3448.24	0.00	0.00
118.00		112.28	93.48	0.00	0.00
119.00		51.83	45.11	0.00	0.00
	Totals:	**19,286.26**	**23,033.52**	**754.81**	**0.00**

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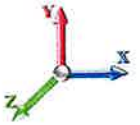
Linear Appurtenance Segment Forces (Factored)

Structure: CT13069-A
Site Name: Meriden
Height: 119.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 7/27/2023
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

Load Case: 0.9D + 1.0W 119 mph Wind
Dead Load Factor 0.90
Wind Load Factor 1.00



Iterations 27

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
1.00	Safety Cable	Yes	1.00	1.200	0.38	0.03	0.04	0.000	0.000	23.829	1.00	0.25
1.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.05	0.06	0.000	0.000	23.829	1.65	0.94
1.00	1" Reinforcing plate	Yes	1.00	2.000	1.00	0.08	0.17	0.000	0.000	23.829	4.37	0.00
2.00	Safety Cable	Yes	1.00	1.200	0.38	0.03	0.04	0.000	0.000	23.829	1.00	0.25
2.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.05	0.06	0.000	0.000	23.829	1.65	0.94
2.00	1" Reinforcing plate	Yes	1.00	2.000	1.00	0.08	0.17	0.000	0.000	23.829	4.37	0.00
4.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.49
4.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	1.87
4.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	23.829	8.74	0.00
6.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.49
6.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	1.87
6.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	23.829	8.74	0.00
8.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.49
8.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	1.87
8.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	23.829	8.74	0.00
10.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.49
10.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	1.87
10.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	23.829	8.74	0.00
12.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.49
12.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	1.87
12.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	23.829	8.74	0.00
14.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.49
14.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	1.87
14.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	23.829	8.74	0.00
16.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.49
16.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	1.87
16.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	23.829	8.74	0.00
18.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.49
18.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	1.87
18.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	23.829	8.74	0.00
18.25	Safety Cable	Yes	0.25	1.200	0.38	0.01	0.01	0.000	0.000	23.829	0.25	0.06
18.25	Step bolts (ladder)	Yes	0.25	1.200	0.63	0.01	0.02	0.000	0.000	23.829	0.41	0.23
18.25	1" Reinforcing plate	Yes	0.25	2.000	1.00	0.02	0.04	0.000	0.000	23.829	1.09	0.00
20.00	Safety Cable	Yes	1.75	1.200	0.38	0.06	0.07	0.000	0.000	23.829	1.74	0.43
20.00	Step bolts (ladder)	Yes	1.75	1.200	0.63	0.09	0.11	0.000	0.000	23.829	2.89	1.64
20.00	1" Reinforcing plate	Yes	1.75	2.000	1.00	0.15	0.29	0.000	0.000	23.829	7.65	0.00
22.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.49
22.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	1.87
24.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.49
24.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	1.87
26.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.49
26.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	1.87
28.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	23.829	1.99	0.49
28.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	23.829	3.30	1.87
30.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	24.074	2.01	0.49
30.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	24.074	3.34	1.87
32.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	24.508	2.05	0.49

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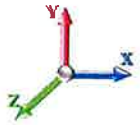
Linear Appurtenance Segment Forces (Factored)

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 23	

Load Case: 0.9D + 1.0W 119 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 27

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
32.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	24.508	3.40	1.87
34.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	24.923	2.08	0.49
34.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	24.923	3.45	1.87
36.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	25.322	2.12	0.49
36.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	25.322	3.51	1.87
38.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	25.706	2.15	0.49
38.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	25.706	3.56	1.87
40.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	26.076	2.18	0.49
40.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	26.076	3.61	1.87
42.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	26.433	2.21	0.49
42.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	26.433	3.66	1.87
44.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	26.778	2.24	0.49
44.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	26.778	3.71	1.87
46.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	27.113	2.27	0.49
46.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	27.113	3.76	1.87
48.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	27.438	2.29	0.49
48.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	27.438	3.80	1.87
48.75	Safety Cable	Yes	0.75	1.200	0.38	0.02	0.03	0.000	0.000	27.557	0.86	0.18
48.75	Step bolts (ladder)	Yes	0.75	1.200	0.63	0.04	0.05	0.000	0.000	27.557	1.43	0.70
50.00	Safety Cable	Yes	1.25	1.200	0.38	0.04	0.05	0.000	0.000	27.753	1.45	0.31
50.00	Step bolts (ladder)	Yes	1.25	1.200	0.63	0.07	0.08	0.000	0.000	27.753	2.40	1.17
52.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	28.060	2.35	0.49
52.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	28.060	3.89	1.87
53.25	Safety Cable	Yes	1.25	1.200	0.38	0.04	0.05	0.000	0.000	28.248	1.48	0.31
53.25	Step bolts (ladder)	Yes	1.25	1.200	0.63	0.07	0.08	0.000	0.000	28.248	2.45	1.17
54.00	Safety Cable	Yes	0.75	1.200	0.38	0.02	0.03	0.000	0.000	28.359	0.89	0.18
54.00	Step bolts (ladder)	Yes	0.75	1.200	0.63	0.04	0.05	0.000	0.000	28.359	1.47	0.70
56.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	28.650	2.40	0.49
56.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	28.650	3.97	1.87
58.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	28.933	2.42	0.49
58.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	28.933	4.01	1.87
60.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	29.210	2.44	0.49
60.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	29.210	4.05	1.87
62.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	29.481	2.46	0.49
62.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	29.481	4.09	1.87
64.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	29.745	2.49	0.49
64.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	29.745	4.12	1.87
66.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	30.004	2.51	0.49
66.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	30.004	4.16	1.87
68.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	30.257	2.53	0.49
68.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	30.257	4.19	1.87
70.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	30.505	2.55	0.49
70.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	30.505	4.23	1.87
72.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	30.748	2.57	0.49
72.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	30.748	4.26	1.87
74.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	30.986	2.59	0.49
74.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	30.986	4.29	1.87

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Linear Appurtenance Segment Forces (Factored)

Structure: CT13069-A
Site Name: Meriden
Height: 119.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 7/27/2023
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

Load Case: 0.9D + 1.0W 119 mph Wind
Dead Load Factor 0.90
Wind Load Factor 1.00

Iterations 27

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
76.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	31.220	2.61	0.49
76.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	31.220	4.33	1.87
78.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	31.450	2.63	0.49
78.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	31.450	4.36	1.87
80.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	31.675	2.65	0.49
80.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	31.675	4.39	1.87
82.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	31.897	2.67	0.49
82.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	31.897	4.42	1.87
84.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	32.115	2.68	0.49
84.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	32.115	4.45	1.87
86.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	32.329	2.70	0.49
86.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	32.329	4.48	1.87
88.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	32.539	2.72	0.49
88.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	32.539	4.51	1.87
90.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	32.747	2.74	0.49
90.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	32.747	4.54	1.87
92.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	32.951	2.75	0.49
92.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	32.951	4.57	1.87
94.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	33.152	2.77	0.49
94.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	33.152	4.59	1.87
96.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	33.349	2.79	0.49
96.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	33.349	4.62	1.87
98.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	33.544	2.80	0.49
98.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	33.544	4.65	1.87
98.75	Safety Cable	Yes	0.75	1.200	0.38	0.02	0.03	0.000	0.000	33.617	1.05	0.18
98.75	Step bolts (ladder)	Yes	0.75	1.200	0.63	0.04	0.05	0.000	0.000	33.617	1.75	0.70
100.00	Safety Cable	Yes	1.25	1.200	0.38	0.04	0.05	0.000	0.000	33.737	1.76	0.31
100.00	Step bolts (ladder)	Yes	1.25	1.200	0.63	0.07	0.08	0.000	0.000	33.737	2.92	1.17
102.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	33.926	2.84	0.49
102.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	33.926	4.70	1.87
102.25	Safety Cable	Yes	0.25	1.200	0.38	0.01	0.01	0.000	0.000	33.950	0.35	0.06
102.25	Step bolts (ladder)	Yes	0.25	1.200	0.63	0.01	0.02	0.000	0.000	33.950	0.59	0.23
104.00	Safety Cable	Yes	1.75	1.200	0.38	0.06	0.07	0.000	0.000	34.113	2.50	0.43
104.00	Step bolts (ladder)	Yes	1.75	1.200	0.63	0.09	0.11	0.000	0.000	34.113	4.14	1.64
106.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	34.298	2.87	0.49
106.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	34.298	4.75	1.87
108.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	34.480	2.88	0.49
108.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	34.480	4.78	1.87
110.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	34.659	2.90	0.49
110.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	34.659	4.80	1.87
112.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	34.836	2.91	0.49
112.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	34.836	4.83	1.87
114.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	35.011	2.93	0.49
114.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	35.011	4.85	1.87
116.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	35.184	2.94	0.49
116.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	35.184	4.88	1.87
118.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	35.355	2.96	0.49

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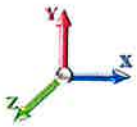
Linear Appurtenance Segment Forces (Factored)

Structure:	CT13069-A		**Code:**	TIA-222-H	7/27/2023
Site Name:	Meriden		**Exposure:**	B	
Height:	119.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 25

Load Case: 0.9D + 1.0W 119 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 27

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
118.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	35.355	4.90	1.87
										Totals:	**467.1**	**139.4**

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Calculated Forces

Structure: CT13069-A
Site Name: Meriden
Height: 119.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1 **Topography:** 1

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

7/27/2023

Load Case: 0.9D + 1.0W 119 mph Wind
Dead Load Factor 0.90
Wind Load Factor 1.00

Iterations 27

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-23.02	-19.30	-0.75	-1745.2	-0.01	1745.23	2063.18	598.93	2137.28	1829.55	0.00	0.000	0.000	0.811
1.00	-22.88	-19.25	-0.75	-1725.9	-0.01	1725.93	2059.52	596.68	2121.21	1819.38	0.01	-0.052	0.000	0.672
2.00	-22.73	-19.21	-0.75	-1706.6	-0.01	1706.68	2055.83	594.42	2105.21	1809.22	0.02	-0.095	0.000	0.667
4.00	-22.44	-19.11	-0.75	-1668.2	-0.01	1668.27	2048.36	589.91	2073.38	1788.88	0.08	-0.181	0.000	0.658
6.00	-22.15	-19.01	-0.75	-1630.0	-0.01	1630.06	2040.76	585.40	2041.79	1768.54	0.17	-0.267	0.000	0.649
8.00	-21.87	-18.91	-0.75	-1592.0	-0.01	1592.05	2033.04	580.89	2010.44	1748.19	0.31	-0.353	0.000	0.639
10.00	-21.59	-18.80	-0.75	-1554.2	-0.01	1554.24	2025.20	576.38	1979.33	1727.84	0.47	-0.438	0.000	0.630
12.00	-21.31	-18.70	-0.75	-1516.6	-0.01	1516.63	2017.23	571.87	1948.47	1707.49	0.67	-0.523	0.000	0.621
14.00	-21.03	-18.60	-0.75	-1479.2	-0.01	1479.22	2009.13	567.35	1917.85	1687.14	0.91	-0.608	0.000	0.611
16.00	-20.76	-18.50	-0.75	-1442.0	-0.01	1442.01	2000.92	562.84	1887.48	1666.80	1.18	-0.692	0.000	0.601
18.00	-20.50	-18.39	-0.75	-1405.0	0.00	1405.01	1992.57	558.33	1857.34	1646.46	1.49	-0.776	-0.001	0.592
18.25	-20.45	-18.39	-0.75	-1400.4	-0.01	1400.41	1991.52	557.77	1853.59	1643.92	1.53	-0.786	-0.001	0.590
18.25	-20.45	-18.39	-0.75	-1400.4	-0.01	1400.41	1991.52	557.77	1853.59	1643.92	1.53	-0.786	-0.001	0.590
20.00	-20.21	-18.31	-0.75	-1368.2	-0.01	1368.23	1984.11	553.82	1827.45	1626.14	1.84	-0.860	-0.001	0.853
22.00	-19.93	-18.23	-0.75	-1331.6	-0.01	1331.61	1975.52	549.31	1797.80	1605.83	2.22	-0.981	-0.001	0.840
24.00	-19.65	-18.15	-0.75	-1295.1	-0.01	1295.15	1966.80	544.80	1768.39	1585.53	2.66	-1.103	-0.001	0.828
26.00	-19.37	-18.07	-0.75	-1258.8	-0.01	1258.84	1957.96	540.29	1739.23	1565.25	3.15	-1.224	-0.001	0.815
28.00	-19.09	-17.99	-0.75	-1222.7	-0.01	1222.70	1948.99	535.78	1710.31	1544.99	3.69	-1.345	-0.001	0.802
30.00	-18.82	-17.91	-0.75	-1186.7	-0.01	1186.71	1939.91	531.27	1681.63	1524.76	4.28	-1.465	-0.001	0.789
32.00	-18.55	-17.83	-0.75	-1150.8	-0.01	1150.88	1930.69	526.75	1653.19	1504.55	4.92	-1.584	-0.001	0.776
34.00	-18.28	-17.75	-0.75	-1115.2	-0.01	1115.22	1921.36	522.24	1624.99	1484.36	5.60	-1.703	-0.001	0.762
36.00	-18.02	-17.66	-0.75	-1079.7	-0.01	1079.73	1911.89	517.73	1597.04	1464.21	6.34	-1.821	-0.001	0.748
38.00	-17.75	-17.57	-0.75	-1044.4	-0.01	1044.41	1902.31	513.22	1569.33	1444.09	7.13	-1.938	-0.001	0.734
40.00	-17.49	-17.48	-0.75	-1009.2	-0.01	1009.27	1892.60	508.71	1541.86	1424.00	7.97	-2.055	-0.001	0.719
42.00	-17.23	-17.38	-0.75	-974.32	-0.01	974.32	1882.76	504.20	1514.64	1403.96	8.86	-2.170	-0.001	0.704
44.00	-16.97	-17.29	-0.75	-939.55	-0.01	939.55	1872.80	499.69	1487.66	1383.95	9.79	-2.285	-0.002	0.689
46.00	-16.72	-17.19	-0.75	-904.97	-0.01	904.97	1862.72	495.18	1460.92	1363.99	10.77	-2.398	-0.002	0.674
48.00	-16.48	-17.08	-0.75	-870.59	-0.01	870.59	1852.51	490.67	1434.42	1344.07	11.80	-2.510	-0.002	0.658
48.75	-16.38	-17.05	-0.75	-857.77	-0.01	857.77	1848.65	488.97	1424.55	1336.61	12.20	-2.552	-0.002	0.652
50.00	-16.11	-16.99	-0.75	-836.46	-0.02	836.46	1842.18	486.15	1408.17	1324.20	12.87	-2.621	-0.002	0.642
52.00	-15.70	-16.87	-0.75	-802.48	-0.02	802.48	1831.72	481.64	1382.15	1304.37	14.00	-2.731	-0.002	0.625
53.25	-15.44	-16.80	-0.75	-781.39	-0.02	781.39	1841.33	485.79	1406.04	1322.58	14.72	-2.799	-0.002	0.600
54.00	-15.34	-16.77	-0.75	-768.79	-0.02	768.79	1837.42	484.09	1396.26	1315.14	15.16	-2.839	-0.002	0.594
56.00	-15.10	-16.66	-0.75	-735.26	-0.02	735.26	1826.91	479.58	1370.36	1295.34	16.37	-2.941	-0.002	0.577
58.00	-14.86	-16.55	-0.75	-701.94	-0.02	701.94	1816.27	475.07	1344.70	1275.60	17.63	-3.041	-0.002	0.560
60.00	-14.62	-16.44	-0.75	-668.84	-0.02	668.84	1805.51	470.56	1319.28	1255.91	18.92	-3.139	-0.002	0.542
62.00	-14.38	-16.33	-0.75	-635.96	-0.02	635.96	1794.62	466.05	1294.11	1236.28	20.26	-3.235	-0.002	0.524
64.00	-14.15	-16.22	-0.75	-603.30	-0.02	603.30	1783.61	461.54	1269.18	1216.72	21.63	-3.328	-0.003	0.505
66.00	-13.92	-16.10	-0.75	-570.87	-0.02	570.87	1772.48	457.03	1244.49	1197.22	23.05	-3.420	-0.003	0.486
68.00	-13.69	-15.99	-0.75	-538.67	-0.03	538.67	1761.22	452.52	1220.04	1177.78	24.50	-3.509	-0.003	0.466
70.00	-13.47	-15.87	-0.75	-506.69	-0.03	506.69	1749.83	448.01	1195.84	1158.41	25.99	-3.595	-0.003	0.446
72.00	-13.25	-15.75	-0.75	-474.95	-0.03	474.95	1738.33	443.49	1171.88	1139.12	27.51	-3.679	-0.003	0.426
74.00	-13.03	-15.64	-0.75	-443.45	-0.03	443.45	1726.69	438.98	1148.16	1119.90	29.07	-3.760	-0.003	0.405
76.00	-12.81	-15.52	-0.75	-412.18	-0.03	412.18	1714.94	434.47	1124.68	1100.75	30.66	-3.837	-0.003	0.383
78.00	-12.60	-15.40	-0.75	-381.14	-0.03	381.14	1703.06	429.96	1101.45	1081.68	32.28	-3.911	-0.003	0.361
80.00	-12.39	-15.28	-0.75	-350.35	-0.03	350.35	1691.05	425.45	1078.46	1062.70	33.94	-3.982	-0.004	0.338
82.00	-12.18	-15.15	-0.75	-319.80	-0.04	319.80	1678.92	420.94	1055.71	1043.80	35.62	-4.049	-0.004	0.315
84.00	-11.97	-15.03	-0.75	-289.49	-0.04	289.49	1666.67	416.43	1033.20	1024.99	37.33	-4.111	-0.004	0.291

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Calculated Forces

Structure:	CT13069-A	**Code:**	TIA-222-H
Site Name:	Meriden	**Exposure:**	B
Height:	119.00 (ft)	**Crest Height:**	0.00
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil
Gh:	1.1	**Topography:**	1
Struct Class:	II		

7/27/2023

86.00	-9.81	-12.59	-0.75	-259.43	-0.04	259.43	1654.29	411.92	1010.94	1006.26	39.06	-4.170	-0.004	0.265
88.00	-9.61	-12.47	-0.75	-234.25	-0.04	234.25	1641.79	407.41	988.92	987.63	40.82	-4.224	-0.004	0.244
90.00	-9.42	-12.34	-0.75	-209.32	-0.04	209.32	1629.16	402.89	967.14	969.09	42.60	-4.274	-0.004	0.223
92.00	-9.23	-12.21	-0.75	-184.64	-0.04	184.64	1616.41	398.38	945.60	950.64	44.40	-4.320	-0.005	0.201
94.00	-9.04	-12.09	-0.75	-160.21	-0.05	160.21	1603.53	393.87	924.31	932.30	46.21	-4.362	-0.005	0.178
96.00	-6.93	-9.11	0.00	-136.04	0.01	136.04	1590.53	389.36	903.25	914.06	48.05	-4.399	-0.005	0.154
98.00	-6.76	-8.98	0.00	-117.83	0.01	117.83	1577.41	384.85	882.45	895.92	49.90	-4.432	-0.005	0.136
98.75	-6.69	-8.93	0.00	-111.09	0.01	111.09	1572.46	383.16	874.71	889.15	50.59	-4.444	-0.005	0.130
100.00	-6.52	-8.85	0.00	-99.93	0.01	99.93	1564.16	380.34	861.88	877.89	51.76	-4.462	-0.005	0.119
102.00	-6.25	-8.71	0.00	-82.24	0.01	82.24	1550.79	375.83	841.56	859.97	53.63	-4.487	-0.005	0.100
102.25	-6.22	-8.69	0.00	-80.06	0.01	80.06	1064.30	286.02	649.87	600.31	53.87	-4.490	-0.005	0.140
104.00	-6.10	-8.58	0.00	-64.85	0.01	64.85	1057.83	283.06	636.49	590.45	55.51	-4.508	-0.005	0.117
106.00	-3.69	-4.98	0.00	-47.69	0.00	47.69	1050.33	279.67	621.36	579.20	57.41	-4.530	-0.005	0.086
108.00	-3.58	-4.85	0.00	-37.73	0.00	37.73	1042.70	276.29	606.42	567.99	59.31	-4.546	-0.005	0.070
110.00	-3.46	-4.73	0.00	-28.03	0.00	28.03	1034.95	272.91	591.66	556.81	61.21	-4.560	-0.005	0.054
112.00	-3.35	-4.60	0.00	-18.58	0.00	18.58	1027.07	269.52	577.08	545.68	63.12	-4.570	-0.005	0.038
114.00	-3.24	-4.48	0.00	-9.37	0.00	9.37	1019.06	266.14	562.68	534.58	65.04	-4.576	-0.005	0.021
116.00	-0.13	-0.17	0.00	-0.40	0.00	0.40	1010.94	262.76	548.47	523.52	66.95	-4.578	-0.005	0.001
118.00	-0.04	-0.06	0.00	-0.06	0.00	0.06	1002.69	259.37	534.43	512.52	68.87	-4.578	-0.005	0.000
119.00	0.00	-0.05	0.00	0.00	0.00	0.00	998.51	257.68	527.49	507.03	69.83	-4.578	-0.005	0.000

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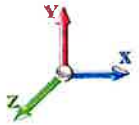
Wind Loading - Shaft

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 28	

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

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 25

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00	RB1	1.00	0.70	4.207	4.63	0.00	1.200	0.705	0.00	0.000	0.00	0.0	0.0	0.0
1.00	RT1 RB2	1.00	0.70	4.207	4.63	0.00	1.200	0.756	1.00	3.780	4.54	21.0	41.5	180.6
2.00		1.00	0.70	4.207	4.63	0.00	1.200	0.787	1.00	3.771	4.53	20.9	43.1	181.7
4.00		1.00	0.70	4.207	4.63	0.00	1.200	0.828	2.00	7.515	9.02	41.7	90.1	365.7
6.00		1.00	0.70	4.207	4.63	0.00	1.200	0.856	2.00	7.470	8.96	41.5	92.6	366.0
8.00		1.00	0.70	4.207	4.63	0.00	1.200	0.878	2.00	7.422	8.91	41.2	94.3	365.6
10.00		1.00	0.70	4.207	4.63	0.00	1.200	0.896	2.00	7.373	8.85	40.9	95.5	364.8
12.00		1.00	0.70	4.207	4.63	0.00	1.200	0.911	2.00	7.323	8.79	40.7	96.4	363.6
14.00		1.00	0.70	4.207	4.63	0.00	1.200	0.924	2.00	7.273	8.73	40.4	97.1	362.1
16.00		1.00	0.70	4.207	4.63	0.00	1.200	0.936	2.00	7.222	8.67	40.1	97.6	360.5
18.00		1.00	0.70	4.207	4.63	0.00	1.200	0.946	2.00	7.171	8.60	39.8	97.9	358.8
18.25	RT2	1.00	0.70	4.207	4.63	0.00	1.200	0.948	0.25	0.893	1.07	5.0	12.2	44.7
20.00		1.00	0.70	4.207	4.63	0.00	1.200	0.956	1.75	6.226	7.47	34.6	85.9	312.2
22.00		1.00	0.70	4.207	4.63	0.00	1.200	0.965	2.00	7.067	8.48	39.2	98.3	354.9
24.00		1.00	0.70	4.207	4.63	0.00	1.200	0.973	2.00	7.015	8.42	39.0	98.3	352.9
26.00		1.00	0.70	4.207	4.63	0.00	1.200	0.980	2.00	6.963	8.36	38.7	98.3	350.8
28.00		1.00	0.70	4.207	4.63	0.00	1.200	0.987	2.00	6.910	8.29	38.4	98.2	348.6
30.00		1.00	0.71	4.250	4.68	0.00	1.200	0.994	2.00	6.858	8.23	38.5	98.1	346.4
32.00		1.00	0.72	4.327	4.76	0.00	1.200	1.000	2.00	6.805	8.17	38.9	97.9	344.1
34.00		1.00	0.73	4.400	4.84	0.00	1.200	1.006	2.00	6.752	8.10	39.2	97.7	341.8
36.00		1.00	0.74	4.470	4.92	0.00	1.200	1.012	2.00	6.699	8.04	39.5	97.4	339.4
38.00		1.00	0.76	4.538	4.99	0.00	1.200	1.017	2.00	6.646	7.98	39.8	97.1	337.0
40.00		1.00	0.77	4.603	5.06	0.00	1.200	1.022	2.00	6.593	7.91	40.1	96.8	334.6
42.00		1.00	0.78	4.666	5.13	0.00	1.200	1.027	2.00	6.540	7.85	40.3	96.4	332.1
44.00		1.00	0.79	4.728	5.20	0.00	1.200	1.032	2.00	6.486	7.78	40.5	96.1	329.6
46.00		1.00	0.80	4.787	5.27	0.00	1.200	1.036	2.00	6.433	7.72	40.6	95.6	327.1
48.00		1.00	0.81	4.844	5.33	0.00	1.200	1.040	2.00	6.380	7.66	40.8	95.2	324.6
48.75	Bot - Section 2	1.00	0.81	4.865	5.35	0.00	1.200	1.042	0.75	2.378	2.85	15.3	35.6	121.1
50.00		1.00	0.82	4.900	5.39	0.00	1.200	1.044	1.25	4.000	4.80	25.9	60.0	345.7
52.00		1.00	0.82	4.954	5.45	0.00	1.200	1.049	2.00	6.357	7.63	41.6	95.6	549.2
53.25	Top - Section 1	1.00	0.83	4.987	5.49	0.00	1.200	1.051	1.25	3.946	4.74	26.0	59.6	340.9
54.00		1.00	0.83	5.006	5.51	0.00	1.200	1.052	0.75	2.357	2.83	15.6	35.7	120.3
56.00		1.00	0.84	5.058	5.56	0.00	1.200	1.056	2.00	6.250	7.50	41.7	94.6	318.8
58.00		1.00	0.85	5.108	5.62	0.00	1.200	1.060	2.00	6.197	7.44	41.8	94.1	316.2
60.00		1.00	0.86	5.157	5.67	0.00	1.200	1.063	2.00	6.143	7.37	41.8	93.5	313.5
62.00		1.00	0.87	5.205	5.73	0.00	1.200	1.067	2.00	6.089	7.31	41.8	93.0	310.9
64.00		1.00	0.87	5.251	5.78	0.00	1.200	1.070	2.00	6.036	7.24	41.8	92.4	308.2
66.00		1.00	0.88	5.297	5.83	0.00	1.200	1.073	2.00	5.982	7.18	41.8	91.8	305.5
68.00		1.00	0.89	5.342	5.88	0.00	1.200	1.077	2.00	5.928	7.11	41.8	91.2	302.8
70.00		1.00	0.90	5.385	5.92	0.00	1.200	1.080	2.00	5.874	7.05	41.8	90.6	300.1
72.00		1.00	0.90	5.428	5.97	0.00	1.200	1.083	2.00	5.820	6.98	41.7	90.0	297.4
74.00		1.00	0.91	5.470	6.02	0.00	1.200	1.086	2.00	5.767	6.92	41.6	89.4	294.7
76.00		1.00	0.92	5.512	6.06	0.00	1.200	1.088	2.00	5.713	6.86	41.6	88.7	292.0
78.00		1.00	0.92	5.552	6.11	0.00	1.200	1.091	2.00	5.659	6.79	41.5	88.1	289.2
80.00		1.00	0.93	5.592	6.15	0.00	1.200	1.094	2.00	5.605	6.73	41.4	87.4	286.4
82.00		1.00	0.94	5.631	6.19	0.00	1.200	1.097	2.00	5.551	6.66	41.3	86.7	283.7
84.00		1.00	0.94	5.670	6.24	0.00	1.200	1.099	2.00	5.497	6.60	41.1	86.1	280.9

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Wind Loading - Shaft

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 29

86.00 Appurtenance(s)	1.00	0.95	5.707	6.28	0.00	1.200	1.102	2.00	5.443	6.53	41.0	85.4	278.1
88.00	1.00	0.96	5.745	6.32	0.00	1.200	1.104	2.00	5.389	6.47	40.9	84.7	275.3
90.00	1.00	0.96	5.781	6.36	0.00	1.200	1.107	2.00	5.335	6.40	40.7	84.0	272.5
92.00	1.00	0.97	5.817	6.40	0.00	1.200	1.109	2.00	5.281	6.34	40.6	83.3	269.7
94.00	1.00	0.97	5.853	6.44	0.00	1.200	1.112	2.00	5.227	6.27	40.4	82.6	266.9
96.00 Appurtenance(s)	1.00	0.98	5.888	6.48	0.00	1.200	1.114	2.00	5.173	6.21	40.2	81.8	264.1
98.00	1.00	0.99	5.922	6.51	0.00	1.200	1.116	2.00	5.119	6.14	40.0	81.1	261.2
98.75 Bot - Section 3	1.00	0.99	5.935	6.53	0.00	1.200	1.117	0.75	1.906	2.29	14.9	30.3	97.3
100.00	1.00	0.99	5.956	6.55	0.00	1.200	1.118	1.25	3.199	3.84	25.1	50.9	246.5
102.00	1.00	1.00	5.989	6.59	0.00	1.200	1.121	2.00	5.074	6.09	40.1	80.7	390.7
102.25 Top - Section 2	1.00	1.00	5.994	6.59	0.00	1.200	1.121	0.25	0.630	0.76	5.0	10.1	48.6
104.00	1.00	1.00	6.022	6.62	0.00	1.200	1.123	1.75	4.390	5.27	34.9	69.9	185.8
106.00 Appurtenance(s)	1.00	1.01	6.055	6.66	0.00	1.200	1.125	2.00	4.966	5.96	39.7	79.2	210.1
108.00	1.00	1.01	6.087	6.70	0.00	1.200	1.127	2.00	4.912	5.89	39.5	78.4	207.7
110.00	1.00	1.02	6.119	6.73	0.00	1.200	1.129	2.00	4.858	5.83	39.2	77.6	205.4
112.00	1.00	1.02	6.150	6.77	0.00	1.200	1.131	2.00	4.804	5.76	39.0	76.8	203.1
114.00	1.00	1.03	6.181	6.80	0.00	1.200	1.133	2.00	4.749	5.70	38.7	76.1	200.7
116.00 Appurtenance(s)	1.00	1.03	6.211	6.83	0.00	1.200	1.135	2.00	4.695	5.63	38.5	75.3	198.3
118.00	1.00	1.04	6.242	6.87	0.00	1.200	1.137	2.00	4.641	5.57	38.2	74.5	196.0
119.00	1.00	1.04	6.257	6.88	0.00	1.200	1.138	1.00	2.300	2.76	19.0	37.0	97.2
							Totals:	**119.00**			**2,405.7**		**18,742.9**

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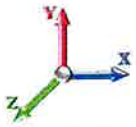
Discrete Appurtenance Forces

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 30	

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

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 25

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	116.00	Sitepro RMQP-4096-HK	1	6.211	6.833	1.00	1.00	51.16	2203.46	0.000	0.000	349.56	0.00	0.00
2	116.00	AIR6449 B41	3	6.211	6.833	0.53	0.75	10.01	543.21	0.000	0.000	68.42	0.00	0.00
3	116.00	Air 32	3	6.211	6.833	0.65	0.75	14.14	810.07	0.000	0.000	96.60	0.00	0.00
4	116.00	APXVAALL18-43-U-NA20	3	6.211	6.833	0.55	0.75	25.74	948.25	0.000	0.000	175.86	0.00	0.00
5	116.00	Exposed Mount Pipes	12	6.211	6.833	0.75	0.75	20.27	1037.14	0.000	0.000	138.48	0.00	0.00
6	116.00	KRY 112 144/1	3	6.211	6.833	0.50	0.75	1.08	51.33	0.000	0.000	7.41	0.00	0.00
7	116.00	SDX1926Q-43 Diplexer	3	6.211	6.833	0.50	0.75	0.85	32.31	0.000	0.000	5.80	0.00	0.00
8	116.00	Radio 4449 B71+B85	3	6.211	6.833	0.38	0.75	2.63	207.48	0.000	0.000	17.99	0.00	0.00
9	116.00	Ericsson 4415 B25 RRU	3	6.211	6.833	0.38	0.75	2.22	217.59	0.000	0.000	15.18	0.00	0.00
10	106.00	Samsung RFS	2	6.055	6.660	0.53	0.75	5.69	54.90	0.000	0.000	37.92	0.00	0.00
11	106.00	Samsung RFV01UA-D2A	3	6.055	6.660	0.38	0.75	2.51	378.59	0.000	0.000	16.72	0.00	0.00
12	106.00	Samsung RFV01U-D1A	3	6.055	6.660	0.38	0.75	2.51	299.98	0.000	0.000	16.72	0.00	0.00
13	106.00	Commscope	3	6.055	6.660	0.38	0.75	0.85	46.89	0.000	0.000	5.63	0.00	0.00
14	106.00	Andrew JAHH-65B-R3B	6	6.055	6.660	0.38	0.75	22.39	980.22	0.000	0.000	149.11	0.00	0.00
15	106.00	Samsung VZS01	3	6.055	6.660	0.53	0.75	8.44	460.57	0.000	0.000	56.20	0.00	0.00
16	106.00	Kaelus KA-6030	2	6.055	6.660	0.51	0.75	1.24	45.58	0.000	0.000	8.26	0.00	0.00
17	106.00	PV-LPP12M-B w/ Mods	1	6.055	6.660	1.00	1.00	87.60	2770.30	0.000	0.000	583.44	0.00	0.00
18	96.00	1900 MHz	3	5.888	6.476	0.40	0.80	4.22	301.32	0.000	0.000	27.33	0.00	0.00
19	96.00	UDS-NPL (3 Sectors)	3	5.888	6.476	0.56	0.75	34.36	1065.94	0.000	0.000	222.53	0.00	0.00
20	96.00	NNVV-65B-R4	3	5.888	6.476	0.59	0.80	23.44	628.00	0.000	0.000	151.82	0.00	0.00
21	96.00	AAHC	3	5.888	6.476	0.60	0.80	8.49	605.38	0.000	0.000	54.99	0.00	0.00
22	96.00	800 MHz RRU	6	5.888	6.476	0.40	0.80	7.73	538.22	0.000	0.000	50.05	0.00	0.00
23	96.00	TD-RRH8x20-25	3	5.888	6.476	0.40	0.80	5.46	447.88	0.000	0.000	35.39	0.00	0.00
24	96.00	VHLP2-18	2	5.888	6.476	1.00	1.00	11.01	151.71	2.194	0.000	71.30	156.41	0.00
25	96.00	VHLP1-23	1	5.888	6.476	1.00	1.00	2.09	29.52	0.000	0.000	13.56	0.00	0.00
26	86.00	MC-PK8-DSH	1	5.707	6.278	1.00	1.00	61.38	2764.97	0.000	0.000	385.38	0.00	0.00
27	86.00	Raycap	1	5.707	6.278	0.75	0.75	1.78	47.20	0.000	0.000	11.15	0.00	0.00
28	86.00	Fujitsu TA08025-B604	3	5.707	6.278	0.38	0.75	2.60	289.63	0.000	0.000	16.34	0.00	0.00
29	86.00	Fujitsu TA08025-B605	3	5.707	6.278	0.38	0.75	2.60	331.26	0.000	0.000	16.34	0.00	0.00
30	86.00	MX08FRO665-21	3	5.707	6.278	0.55	0.75	22.34	581.50	0.000	0.000	140.22	0.00	0.00
							Totals:		**18,870.41**			**2,945.72**		

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Total Applied Force Summary

Structure:	CT13069-A		**Code:**	TIA-222-H	7/27/2023
Site Name:	Meriden		**Exposure:**	B	
Height:	119.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 31

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

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 25

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
1.00		24.79	218.81	0.00	0.00
2.00		24.85	220.10	0.00	0.00
4.00		49.83	443.17	0.00	0.00
6.00		49.77	443.96	0.00	0.00
8.00		49.65	443.90	0.00	0.00
10.00		49.50	443.31	0.00	0.00
12.00		49.33	442.36	0.00	0.00
14.00		49.14	441.15	0.00	0.00
16.00		48.93	439.73	0.00	0.00
18.00		48.72	438.16	0.00	0.00
18.25		6.07	54.63	0.00	0.00
20.00		42.42	381.78	0.00	0.00
22.00		43.75	430.70	0.00	0.00
24.00		43.49	428.74	0.00	0.00
26.00		43.23	426.70	0.00	0.00
28.00		42.96	424.60	0.00	0.00
30.00		43.13	422.45	0.00	0.00
32.00		43.63	420.23	0.00	0.00
34.00		44.09	417.98	0.00	0.00
36.00		44.50	415.68	0.00	0.00
38.00		44.88	413.34	0.00	0.00
40.00		45.22	410.97	0.00	0.00
42.00		45.54	408.57	0.00	0.00
44.00		45.82	406.14	0.00	0.00
46.00		46.07	403.68	0.00	0.00
48.00		46.30	401.20	0.00	0.00
48.75		17.35	149.85	0.00	0.00
50.00		29.37	393.58	0.00	0.00
52.00		47.24	625.90	0.00	0.00
53.25		29.55	388.88	0.00	0.00
54.00		17.74	149.07	0.00	0.00
56.00		47.55	395.62	0.00	0.00
58.00		47.68	393.04	0.00	0.00
60.00		47.79	390.44	0.00	0.00
62.00		47.88	387.82	0.00	0.00
64.00		47.95	385.20	0.00	0.00
66.00		48.00	382.55	0.00	0.00
68.00		48.05	379.90	0.00	0.00
70.00		48.07	377.23	0.00	0.00
72.00		48.08	374.55	0.00	0.00
74.00		48.08	371.85	0.00	0.00
76.00		48.07	369.15	0.00	0.00
78.00		48.04	366.43	0.00	0.00
80.00		48.00	363.71	0.00	0.00
82.00		47.95	360.97	0.00	0.00
84.00		47.88	358.22	0.00	0.00

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Total Applied Force Summary

Structure:	CT13069-A		**Code:**	TIA-222-H	7/27/2023
Site Name:	Meriden		**Exposure:**	B	
Height:	119.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 32

86.00	(11) attachments	617.25	4370.03	0.00	0.00
88.00		47.72	352.32	0.00	0.00
90.00		47.63	349.55	0.00	0.00
92.00		47.52	346.77	0.00	0.00
94.00		47.41	343.98	0.00	0.00
96.00	(24) attachments	674.26	4109.15	156.41	0.00
98.00		47.15	325.43	0.00	0.00
98.75		17.61	121.39	0.00	0.00
100.00		29.64	286.65	0.00	0.00
102.00		47.35	454.93	0.00	0.00
102.25		5.89	56.60	0.00	0.00
104.00		41.27	242.02	0.00	0.00
106.00	(23) attachments	921.03	5311.43	0.00	0.00
108.00		46.86	251.83	0.00	0.00
110.00		46.67	249.51	0.00	0.00
112.00		46.48	247.19	0.00	0.00
114.00		46.29	244.86	0.00	0.00
116.00	(34) attachments	921.38	6293.37	0.00	0.00
118.00		45.87	207.30	0.00	0.00
119.00		19.00	97.20	0.00	0.00
	Totals:	**5,740.19**	**41,867.49**	**156.41**	**0.00**

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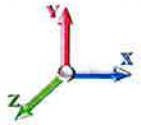
Linear Appurtenance Segment Forces (Factored)

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 33	

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

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
1.00	Safety Cable	Yes	1.00	1.200	0.38	0.16	0.19	0.000	0.000	4.207	0.88	1.26
1.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.18	0.21	0.000	0.000	4.207	0.99	2.35
1.00	1" Reinforcing plate	Yes	1.00	2.000	1.00	0.21	0.42	0.000	0.000	4.207	1.94	1.37
2.00	Safety Cable	Yes	1.00	1.200	0.38	0.16	0.20	0.000	0.000	4.207	0.90	1.33
2.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.18	0.22	0.000	0.000	4.207	1.02	2.42
2.00	1" Reinforcing plate	Yes	1.00	2.000	1.00	0.21	0.43	0.000	0.000	4.207	1.98	1.45
4.00	Safety Cable	Yes	2.00	1.200	0.38	0.34	0.41	0.000	0.000	4.207	1.88	2.84
4.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.38	0.46	0.000	0.000	4.207	2.12	5.04
4.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.44	0.89	0.000	0.000	4.207	4.10	3.13
6.00	Safety Cable	Yes	2.00	1.200	0.38	0.35	0.42	0.000	0.000	4.207	1.94	2.97
6.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.39	0.47	0.000	0.000	4.207	2.17	5.19
6.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.45	0.90	0.000	0.000	4.207	4.18	3.29
8.00	Safety Cable	Yes	2.00	1.200	0.38	0.36	0.43	0.000	0.000	4.207	1.98	3.08
8.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.40	0.48	0.000	0.000	4.207	2.21	5.30
8.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.46	0.92	0.000	0.000	4.207	4.25	3.42
10.00	Safety Cable	Yes	2.00	1.200	0.38	0.36	0.43	0.000	0.000	4.207	2.01	3.16
10.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.40	0.48	0.000	0.000	4.207	2.24	5.39
10.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.47	0.93	0.000	0.000	4.207	4.31	3.52
12.00	Safety Cable	Yes	2.00	1.200	0.38	0.37	0.44	0.000	0.000	4.207	2.04	3.24
12.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.41	0.49	0.000	0.000	4.207	2.27	5.48
12.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.47	0.94	0.000	0.000	4.207	4.35	3.61
14.00	Safety Cable	Yes	2.00	1.200	0.38	0.37	0.45	0.000	0.000	4.207	2.06	3.30
14.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.41	0.50	0.000	0.000	4.207	2.29	5.55
14.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.47	0.95	0.000	0.000	4.207	4.39	3.69
16.00	Safety Cable	Yes	2.00	1.200	0.38	0.38	0.45	0.000	0.000	4.207	2.08	3.36
16.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.42	0.50	0.000	0.000	4.207	2.32	5.61
16.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.48	0.96	0.000	0.000	4.207	4.43	3.76
18.00	Safety Cable	Yes	2.00	1.200	0.38	0.38	0.45	0.000	0.000	4.207	2.10	3.42
18.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.42	0.50	0.000	0.000	4.207	2.33	5.67
18.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.48	0.96	0.000	0.000	4.207	4.46	3.83
18.25	Safety Cable	Yes	0.25	1.200	0.38	0.05	0.06	0.000	0.000	4.207	0.26	0.43
18.25	Step bolts (ladder)	Yes	0.25	1.200	0.63	0.05	0.06	0.000	0.000	4.207	0.29	0.71
18.25	1" Reinforcing plate	Yes	0.25	2.000	1.00	0.06	0.12	0.000	0.000	4.207	0.56	0.48
20.00	Safety Cable	Yes	1.75	1.200	0.38	0.33	0.40	0.000	0.000	4.207	1.86	3.03
20.00	Step bolts (ladder)	Yes	1.75	1.200	0.63	0.37	0.44	0.000	0.000	4.207	2.06	5.01
20.00	1" Reinforcing plate	Yes	1.75	2.000	1.00	0.42	0.85	0.000	0.000	4.207	3.93	3.40
22.00	Safety Cable	Yes	2.00	1.200	0.38	0.38	0.46	0.000	0.000	4.207	2.14	3.51
22.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.43	0.51	0.000	0.000	4.207	2.37	5.77
24.00	Safety Cable	Yes	2.00	1.200	0.38	0.39	0.47	0.000	0.000	4.207	2.15	3.56
24.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.43	0.52	0.000	0.000	4.207	2.38	5.82
26.00	Safety Cable	Yes	2.00	1.200	0.38	0.39	0.47	0.000	0.000	4.207	2.17	3.60
26.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.43	0.52	0.000	0.000	4.207	2.40	5.86
28.00	Safety Cable	Yes	2.00	1.200	0.38	0.39	0.47	0.000	0.000	4.207	2.18	3.64
28.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.43	0.52	0.000	0.000	4.207	2.41	5.90
30.00	Safety Cable	Yes	2.00	1.200	0.38	0.39	0.47	0.000	0.000	4.250	2.21	3.67
30.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.44	0.52	0.000	0.000	4.250	2.45	5.94
32.00	Safety Cable	Yes	2.00	1.200	0.38	0.40	0.48	0.000	0.000	4.327	2.27	3.71

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Linear Appurtenance Segment Forces (Factored)

Structure: CT13069-A
Site Name: Meriden
Height: 119.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 7/27/2023
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 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
32.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.44	0.53	0.000	0.000	4.327	2.50	5.98
34.00	Safety Cable	Yes	2.00	1.200	0.38	0.40	0.48	0.000	0.000	4.400	2.32	3.74
34.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.44	0.53	0.000	0.000	4.400	2.56	6.01
36.00	Safety Cable	Yes	2.00	1.200	0.38	0.40	0.48	0.000	0.000	4.470	2.36	3.77
36.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.44	0.53	0.000	0.000	4.470	2.61	6.04
38.00	Safety Cable	Yes	2.00	1.200	0.38	0.40	0.48	0.000	0.000	4.538	2.41	3.80
38.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.44	0.53	0.000	0.000	4.538	2.66	6.08
40.00	Safety Cable	Yes	2.00	1.200	0.38	0.40	0.48	0.000	0.000	4.603	2.45	3.83
40.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.45	0.53	0.000	0.000	4.603	2.71	6.11
42.00	Safety Cable	Yes	2.00	1.200	0.38	0.41	0.49	0.000	0.000	4.666	2.50	3.85
42.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.45	0.54	0.000	0.000	4.666	2.76	6.14
44.00	Safety Cable	Yes	2.00	1.200	0.38	0.41	0.49	0.000	0.000	4.728	2.54	3.88
44.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.45	0.54	0.000	0.000	4.728	2.80	6.16
46.00	Safety Cable	Yes	2.00	1.200	0.38	0.41	0.49	0.000	0.000	4.787	2.58	3.91
46.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.45	0.54	0.000	0.000	4.787	2.85	6.19
48.00	Safety Cable	Yes	2.00	1.200	0.38	0.41	0.49	0.000	0.000	4.844	2.62	3.93
48.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.45	0.54	0.000	0.000	4.844	2.89	6.22
48.75	Safety Cable	Yes	0.75	1.200	0.38	0.15	0.18	0.000	0.000	4.865	0.99	1.48
48.75	Step bolts (ladder)	Yes	0.75	1.200	0.63	0.17	0.20	0.000	0.000	4.865	1.09	2.34
50.00	Safety Cable	Yes	1.25	1.200	0.38	0.26	0.31	0.000	0.000	4.900	1.66	2.47
50.00	Step bolts (ladder)	Yes	1.25	1.200	0.63	0.28	0.34	0.000	0.000	4.900	1.83	3.90
52.00	Safety Cable	Yes	2.00	1.200	0.38	0.41	0.50	0.000	0.000	4.954	2.70	3.98
52.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.45	0.55	0.000	0.000	4.954	2.97	6.27
53.25	Safety Cable	Yes	1.25	1.200	0.38	0.26	0.31	0.000	0.000	4.987	1.70	2.49
53.25	Step bolts (ladder)	Yes	1.25	1.200	0.63	0.28	0.34	0.000	0.000	4.987	1.87	3.93
54.00	Safety Cable	Yes	0.75	1.200	0.38	0.16	0.19	0.000	0.000	5.006	1.03	1.50
54.00	Step bolts (ladder)	Yes	0.75	1.200	0.63	0.17	0.21	0.000	0.000	5.006	1.13	2.36
56.00	Safety Cable	Yes	2.00	1.200	0.38	0.42	0.50	0.000	0.000	5.058	2.77	4.02
56.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.46	0.55	0.000	0.000	5.058	3.05	6.31
58.00	Safety Cable	Yes	2.00	1.200	0.38	0.42	0.50	0.000	0.000	5.108	2.81	4.04
58.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.46	0.55	0.000	0.000	5.108	3.09	6.34
60.00	Safety Cable	Yes	2.00	1.200	0.38	0.42	0.50	0.000	0.000	5.157	2.84	4.06
60.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.46	0.55	0.000	0.000	5.157	3.13	6.36
62.00	Safety Cable	Yes	2.00	1.200	0.38	0.42	0.50	0.000	0.000	5.205	2.88	4.08
62.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.46	0.55	0.000	0.000	5.205	3.16	6.38
64.00	Safety Cable	Yes	2.00	1.200	0.38	0.42	0.50	0.000	0.000	5.251	2.91	4.10
64.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.46	0.55	0.000	0.000	5.251	3.20	6.40
66.00	Safety Cable	Yes	2.00	1.200	0.38	0.42	0.51	0.000	0.000	5.297	2.94	4.12
66.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.46	0.56	0.000	0.000	5.297	3.24	6.42
68.00	Safety Cable	Yes	2.00	1.200	0.38	0.42	0.51	0.000	0.000	5.342	2.98	4.14
68.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.46	0.56	0.000	0.000	5.342	3.27	6.44
70.00	Safety Cable	Yes	2.00	1.200	0.38	0.42	0.51	0.000	0.000	5.385	3.01	4.16
70.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.46	0.56	0.000	0.000	5.385	3.30	6.46
72.00	Safety Cable	Yes	2.00	1.200	0.38	0.42	0.51	0.000	0.000	5.428	3.04	4.17
72.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.47	0.56	0.000	0.000	5.428	3.34	6.48
74.00	Safety Cable	Yes	2.00	1.200	0.38	0.43	0.51	0.000	0.000	5.470	3.07	4.19
74.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.47	0.56	0.000	0.000	5.470	3.37	6.50

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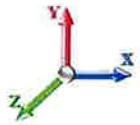
Linear Appurtenance Segment Forces (Factored)

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (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 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
76.00	Safety Cable	Yes	2.00	1.200	0.38	0.43	0.51	0.000	0.000	5.512	3.10	4.21
76.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.47	0.56	0.000	0.000	5.512	3.40	6.51
78.00	Safety Cable	Yes	2.00	1.200	0.38	0.43	0.51	0.000	0.000	5.552	3.13	4.22
78.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.47	0.56	0.000	0.000	5.552	3.44	6.53
80.00	Safety Cable	Yes	2.00	1.200	0.38	0.43	0.51	0.000	0.000	5.592	3.16	4.24
80.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.47	0.56	0.000	0.000	5.592	3.47	6.55
82.00	Safety Cable	Yes	2.00	1.200	0.38	0.43	0.51	0.000	0.000	5.631	3.19	4.26
82.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.47	0.56	0.000	0.000	5.631	3.50	6.57
84.00	Safety Cable	Yes	2.00	1.200	0.38	0.43	0.52	0.000	0.000	5.670	3.22	4.27
84.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.47	0.57	0.000	0.000	5.670	3.53	6.58
86.00	Safety Cable	Yes	2.00	1.200	0.38	0.43	0.52	0.000	0.000	5.707	3.24	4.29
86.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.47	0.57	0.000	0.000	5.707	3.56	6.60
88.00	Safety Cable	Yes	2.00	1.200	0.38	0.43	0.52	0.000	0.000	5.745	3.27	4.30
88.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.47	0.57	0.000	0.000	5.745	3.59	6.61
90.00	Safety Cable	Yes	2.00	1.200	0.38	0.43	0.52	0.000	0.000	5.781	3.30	4.32
90.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.47	0.57	0.000	0.000	5.781	3.62	6.63
92.00	Safety Cable	Yes	2.00	1.200	0.38	0.43	0.52	0.000	0.000	5.817	3.33	4.33
92.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.47	0.57	0.000	0.000	5.817	3.65	6.65
94.00	Safety Cable	Yes	2.00	1.200	0.38	0.43	0.52	0.000	0.000	5.853	3.35	4.35
94.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.48	0.57	0.000	0.000	5.853	3.67	6.66
96.00	Safety Cable	Yes	2.00	1.200	0.38	0.43	0.52	0.000	0.000	5.888	3.38	4.36
96.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.48	0.57	0.000	0.000	5.888	3.70	6.68
98.00	Safety Cable	Yes	2.00	1.200	0.38	0.44	0.52	0.000	0.000	5.922	3.40	4.37
98.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.48	0.57	0.000	0.000	5.922	3.73	6.69
98.75	Safety Cable	Yes	0.75	1.200	0.38	0.16	0.20	0.000	0.000	5.935	1.28	1.64
98.75	Step bolts (ladder)	Yes	0.75	1.200	0.63	0.18	0.21	0.000	0.000	5.935	1.40	2.51
100.00	Safety Cable	Yes	1.25	1.200	0.38	0.27	0.33	0.000	0.000	5.956	2.14	2.74
100.00	Step bolts (ladder)	Yes	1.25	1.200	0.63	0.30	0.36	0.000	0.000	5.956	2.35	4.19
102.00	Safety Cable	Yes	2.00	1.200	0.38	0.44	0.52	0.000	0.000	5.989	3.45	4.40
102.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.48	0.57	0.000	0.000	5.989	3.78	6.72
102.25	Safety Cable	Yes	0.25	1.200	0.38	0.05	0.07	0.000	0.000	5.994	0.43	0.55
102.25	Step bolts (ladder)	Yes	0.25	1.200	0.63	0.06	0.07	0.000	0.000	5.994	0.47	0.84
104.00	Safety Cable	Yes	1.75	1.200	0.38	0.38	0.46	0.000	0.000	6.022	3.04	3.86
104.00	Step bolts (ladder)	Yes	1.75	1.200	0.63	0.42	0.50	0.000	0.000	6.022	3.33	5.89
106.00	Safety Cable	Yes	2.00	1.200	0.38	0.44	0.53	0.000	0.000	6.055	3.50	4.43
106.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.48	0.58	0.000	0.000	6.055	3.84	6.75
108.00	Safety Cable	Yes	2.00	1.200	0.38	0.44	0.53	0.000	0.000	6.087	3.53	4.44
108.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.48	0.58	0.000	0.000	6.087	3.86	6.76
110.00	Safety Cable	Yes	2.00	1.200	0.38	0.44	0.53	0.000	0.000	6.119	3.55	4.45
110.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.48	0.58	0.000	0.000	6.119	3.89	6.77
112.00	Safety Cable	Yes	2.00	1.200	0.38	0.44	0.53	0.000	0.000	6.150	3.57	4.46
112.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.48	0.58	0.000	0.000	6.150	3.91	6.79
114.00	Safety Cable	Yes	2.00	1.200	0.38	0.44	0.53	0.000	0.000	6.181	3.60	4.48
114.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.48	0.58	0.000	0.000	6.181	3.94	6.80
116.00	Safety Cable	Yes	2.00	1.200	0.38	0.44	0.53	0.000	0.000	6.211	3.62	4.49
116.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.48	0.58	0.000	0.000	6.211	3.96	6.81
118.00	Safety Cable	Yes	2.00	1.200	0.38	0.44	0.53	0.000	0.000	6.242	3.64	4.50

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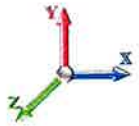
Linear Appurtenance Segment Forces (Factored)

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 36	

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

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
118.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.48	0.58	0.000	0.000	6.242	3.99	6.82
										Totals:	**388.8**	**635.4**

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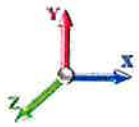
Calculated Forces

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (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 25

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-41.87	-5.74	-0.16	-508.41	0.00	508.41	2063.18	598.93	2137.28	1829.55	0.00	0.000	0.000	0.250
1.00	-41.65	-5.73	-0.16	-502.67	0.00	502.67	2059.52	596.68	2121.21	1819.38	0.00	-0.015	0.000	0.207
2.00	-41.42	-5.72	-0.16	-496.94	0.00	496.94	2055.83	594.42	2105.21	1809.22	0.01	-0.028	0.000	0.205
4.00	-40.98	-5.69	-0.16	-485.50	0.00	485.50	2048.36	589.91	2073.38	1788.88	0.02	-0.053	0.000	0.202
6.00	-40.53	-5.65	-0.16	-474.13	0.00	474.13	2040.76	585.40	2041.79	1768.54	0.05	-0.078	0.000	0.199
8.00	-40.09	-5.62	-0.16	-462.82	0.00	462.82	2033.04	580.89	2010.44	1748.19	0.09	-0.103	0.000	0.196
10.00	-39.64	-5.59	-0.16	-451.58	0.00	451.58	2025.20	576.38	1979.33	1727.84	0.14	-0.127	0.000	0.193
12.00	-39.20	-5.55	-0.16	-440.41	0.00	440.41	2017.23	571.87	1948.47	1707.49	0.20	-0.152	0.000	0.191
14.00	-38.75	-5.52	-0.16	-429.30	0.00	429.30	2009.13	567.35	1917.85	1687.14	0.27	-0.177	0.000	0.188
16.00	-38.31	-5.49	-0.16	-418.26	0.00	418.26	2000.92	562.84	1887.48	1666.80	0.34	-0.201	0.000	0.185
18.00	-37.87	-5.44	-0.16	-407.29	0.00	407.29	1992.57	558.33	1857.34	1646.46	0.43	-0.226	0.000	0.181
18.25	-37.82	-5.45	-0.16	-405.93	0.00	405.93	1991.52	557.77	1853.59	1643.92	0.45	-0.229	0.000	0.181
18.25	-37.82	-5.45	-0.16	-405.93	0.00	405.93	1991.52	557.77	1853.59	1643.92	0.45	-0.229	0.000	0.181
20.00	-37.43	-5.42	-0.16	-396.40	0.00	396.40	1984.11	553.82	1827.45	1626.14	0.53	-0.250	0.000	0.263
22.00	-37.00	-5.40	-0.16	-385.56	0.00	385.56	1975.52	549.31	1797.80	1605.83	0.65	-0.285	0.000	0.259
24.00	-36.57	-5.37	-0.16	-374.76	0.00	374.76	1966.80	544.80	1768.39	1585.53	0.77	-0.320	0.000	0.255
26.00	-36.14	-5.35	-0.16	-364.01	0.00	364.01	1957.96	540.29	1739.23	1565.25	0.91	-0.355	0.000	0.251
28.00	-35.71	-5.33	-0.16	-353.31	0.00	353.31	1948.99	535.78	1710.31	1544.99	1.07	-0.390	0.000	0.247
30.00	-35.28	-5.30	-0.16	-342.66	0.00	342.66	1939.91	531.27	1681.63	1524.76	1.24	-0.425	0.000	0.243
32.00	-34.86	-5.28	-0.16	-332.05	0.00	332.05	1930.69	526.75	1653.19	1504.55	1.43	-0.459	0.000	0.239
34.00	-34.44	-5.25	-0.16	-321.50	0.00	321.50	1921.36	522.24	1624.99	1484.36	1.63	-0.493	0.000	0.235
36.00	-34.02	-5.22	-0.16	-311.01	0.00	311.01	1911.89	517.73	1597.04	1464.21	1.84	-0.528	0.000	0.230
38.00	-33.61	-5.19	-0.16	-300.56	0.00	300.56	1902.31	513.22	1569.33	1444.09	2.07	-0.561	0.000	0.226
40.00	-33.19	-5.16	-0.16	-290.18	0.00	290.18	1892.60	508.71	1541.86	1424.00	2.31	-0.595	0.000	0.221
42.00	-32.78	-5.13	-0.16	-279.86	0.00	279.86	1882.76	504.20	1514.64	1403.96	2.57	-0.628	0.000	0.217
44.00	-32.37	-5.10	-0.16	-269.60	0.00	269.60	1872.80	499.69	1487.66	1383.95	2.84	-0.661	0.000	0.212
46.00	-31.97	-5.07	-0.16	-259.40	0.00	259.40	1862.72	495.18	1460.92	1363.99	3.12	-0.693	0.000	0.207
48.00	-31.56	-5.03	-0.16	-249.27	0.00	249.27	1852.51	490.67	1434.42	1344.07	3.42	-0.725	0.000	0.203
48.75	-31.41	-5.02	-0.16	-245.50	0.00	245.50	1848.65	488.97	1424.55	1336.61	3.54	-0.737	0.000	0.201
50.00	-31.02	-5.00	-0.16	-239.23	0.00	239.23	1842.18	486.15	1408.17	1324.20	3.73	-0.757	0.000	0.198
52.00	-30.39	-4.95	-0.16	-229.24	0.00	229.24	1831.72	481.64	1382.15	1304.37	4.06	-0.789	0.000	0.192
53.25	-30.00	-4.93	-0.16	-223.05	0.00	223.05	1841.33	485.79	1406.04	1322.58	4.26	-0.808	0.000	0.185
54.00	-29.85	-4.92	-0.16	-219.35	0.00	219.35	1837.42	484.09	1396.26	1315.14	4.39	-0.820	0.000	0.183
56.00	-29.45	-4.88	-0.16	-209.52	0.00	209.52	1826.91	479.58	1370.36	1295.34	4.74	-0.849	0.000	0.178
58.00	-29.06	-4.84	-0.16	-199.76	0.00	199.76	1816.27	475.07	1344.70	1275.60	5.10	-0.877	0.000	0.173
60.00	-28.67	-4.80	-0.16	-190.08	0.00	190.08	1805.51	470.56	1319.28	1255.91	5.48	-0.905	0.000	0.167
62.00	-28.28	-4.76	-0.16	-180.48	0.00	180.48	1794.62	466.05	1294.11	1236.28	5.86	-0.932	-0.001	0.162
64.00	-27.89	-4.72	-0.16	-170.97	0.00	170.97	1783.61	461.54	1269.18	1216.72	6.26	-0.959	-0.001	0.156
66.00	-27.51	-4.68	-0.16	-161.53	0.00	161.53	1772.48	457.03	1244.49	1197.22	6.67	-0.985	-0.001	0.151
68.00	-27.13	-4.63	-0.16	-152.18	0.00	152.18	1761.22	452.52	1220.04	1177.78	7.08	-1.010	-0.001	0.145
70.00	-26.75	-4.59	-0.16	-142.92	0.00	142.92	1749.83	448.01	1195.84	1158.41	7.51	-1.034	-0.001	0.139
72.00	-26.37	-4.54	-0.16	-133.74	0.00	133.74	1738.33	443.49	1171.88	1139.12	7.95	-1.058	-0.001	0.133
74.00	-26.00	-4.50	-0.16	-124.65	0.00	124.65	1726.69	438.98	1148.16	1119.90	8.40	-1.080	-0.001	0.126
76.00	-25.63	-4.45	-0.16	-115.65	0.00	115.65	1714.94	434.47	1124.68	1100.75	8.86	-1.102	-0.001	0.120
78.00	-25.26	-4.41	-0.16	-106.75	0.00	106.75	1703.06	429.96	1101.45	1081.68	9.32	-1.123	-0.001	0.114
80.00	-24.90	-4.36	-0.16	-97.93	0.00	97.93	1691.05	425.45	1078.46	1062.70	9.80	-1.143	-0.001	0.107
82.00	-24.54	-4.31	-0.16	-89.21	0.00	89.21	1678.92	420.94	1055.71	1043.80	10.28	-1.161	-0.001	0.100
84.00	-24.18	-4.27	-0.16	-80.58	0.00	80.58	1666.67	416.43	1033.20	1024.99	10.77	-1.179	-0.001	0.093

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Calculated Forces

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 38

86.00	-19.82	-3.56	-0.16	-72.05	0.00	72.05	1654.29	411.92	1010.94	1006.26	11.27	-1.195	-0.001	0.084
88.00	-19.47	-3.51	-0.16	-64.93	0.00	64.93	1641.79	407.41	988.92	987.63	11.77	-1.210	-0.001	0.078
90.00	-19.12	-3.46	-0.16	-57.90	0.00	57.90	1629.16	402.89	967.14	969.09	12.28	-1.224	-0.001	0.072
92.00	-18.77	-3.41	-0.16	-50.98	0.00	50.98	1616.41	398.38	945.60	950.64	12.80	-1.237	-0.001	0.065
94.00	-18.43	-3.36	-0.16	-44.16	0.00	44.16	1603.53	393.87	924.31	932.30	13.32	-1.248	-0.001	0.059
96.00	-14.34	-2.60	0.00	-37.44	0.00	37.44	1590.53	389.36	903.25	914.06	13.84	-1.258	-0.001	0.050
98.00	-14.01	-2.55	0.00	-32.24	0.00	32.24	1577.41	384.85	882.45	895.92	14.37	-1.268	-0.001	0.045
98.75	-13.89	-2.53	0.00	-30.33	0.00	30.33	1572.46	383.16	874.71	889.15	14.57	-1.271	-0.001	0.043
100.00	-13.60	-2.49	0.00	-27.17	0.00	27.17	1564.16	380.34	861.88	877.89	14.91	-1.276	-0.001	0.040
102.00	-13.15	-2.44	0.00	-22.19	0.00	22.19	1550.79	375.83	841.56	859.97	15.44	-1.282	-0.001	0.034
102.25	-13.09	-2.43	0.00	-21.58	0.00	21.58	1064.30	286.02	649.87	600.31	15.51	-1.283	-0.001	0.048
104.00	-12.85	-2.38	0.00	-17.33	0.00	17.33	1057.83	283.06	636.49	590.45	15.98	-1.288	-0.001	0.042
106.00	-7.56	-1.34	0.00	-12.56	0.00	12.56	1050.33	279.67	621.36	579.20	16.52	-1.294	-0.001	0.029
108.00	-7.31	-1.29	0.00	-9.88	0.00	9.88	1042.70	276.29	606.42	567.99	17.06	-1.298	-0.001	0.024
110.00	-7.06	-1.24	0.00	-7.29	0.00	7.29	1034.95	272.91	591.66	556.81	17.61	-1.302	-0.001	0.020
112.00	-6.82	-1.19	0.00	-4.81	0.00	4.81	1027.07	269.52	577.08	545.68	18.16	-1.304	-0.001	0.015
114.00	-6.57	-1.14	0.00	-2.44	0.00	2.44	1019.06	266.14	562.68	534.58	18.70	-1.306	-0.001	0.011
116.00	-0.30	-0.07	0.00	-0.16	0.00	0.16	1010.94	262.76	548.47	523.52	19.25	-1.307	-0.001	0.001
118.00	-0.10	-0.02	0.00	-0.02	0.00	0.02	1002.69	259.37	534.43	512.52	19.80	-1.307	-0.001	0.000
119.00	0.00	-0.02	0.00	0.00	0.00	0.00	998.51	257.68	527.49	507.03	20.07	-1.307	-0.001	0.000

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Seismic Segment Forces (Factored)

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 39	

Load Case: 1.2D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.22	**Iterations**	23
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.09	**Ss**	0.21
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.31	**SA**	0.03	**S1**	0.06
						Seismic Importance Factor	1.00

R: 1.50

Top Elev (ft)	Description	Wz (lb)	Hz (lb)	Vertical Ev (lb)	Lateral Fs (lb)
0.00	RB1	0.00	0.00	0.00	0.00
1.00	RT1 RB2	150.72	0.50	6.62	0.00
2.00		150.28	1.50	6.60	0.00
4.00		299.25	3.00	13.15	0.00
6.00		297.50	5.00	13.07	0.00
8.00		295.75	7.00	13.00	0.00
10.00		294.00	9.00	12.92	0.01
12.00		292.25	11.00	12.84	0.01
14.00		290.51	13.00	12.77	0.01
16.00		288.76	15.00	12.69	0.02
18.00		287.01	17.00	12.61	0.02
18.25	RT2	35.75	18.13	1.57	0.00
20.00		249.50	19.13	10.96	0.02
22.00		283.51	21.00	12.46	0.03
24.00		281.76	23.00	12.38	0.04
26.00		280.01	25.00	12.31	0.05
28.00		278.26	27.00	12.23	0.06
30.00		276.51	29.00	12.15	0.06
32.00		274.76	31.00	12.07	0.07
34.00		273.01	33.00	12.00	0.08
36.00		271.26	35.00	11.92	0.09
38.00		269.51	37.00	11.84	0.10
40.00		267.76	39.00	11.77	0.11
42.00		266.01	41.00	11.69	0.12
44.00		264.27	43.00	11.61	0.13
46.00		262.52	45.00	11.54	0.14
48.00		260.77	47.00	11.46	0.15
48.75	Bot - Section 2	97.34	48.38	4.28	0.02
50.00		281.54	49.38	12.37	0.19
52.00		447.61	51.00	19.67	0.51
53.25	Top - Section 1	277.98	52.63	12.22	0.21
54.00		96.63	53.63	4.25	0.03
56.00		256.47	55.00	11.27	0.20
58.00		254.72	57.00	11.19	0.21
60.00		252.97	59.00	11.12	0.22
62.00		251.22	61.00	11.04	0.23
64.00		249.47	63.00	10.96	0.24
66.00		247.72	65.00	10.89	0.25
68.00		245.97	67.00	10.81	0.27
70.00		244.22	69.00	10.73	0.28
72.00		242.47	71.00	10.66	0.29
74.00		240.73	73.00	10.58	0.30
76.00		238.98	75.00	10.50	0.32
78.00		237.23	77.00	10.43	0.33
80.00		235.48	79.00	10.35	0.34
82.00		233.73	81.00	10.27	0.35

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Seismic Segment Forces (Factored)

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 40

84.00		231.98	83.00	10.19	0.36		
86.00	Appurtenance(s)	2589.3	85.00	113.79	47.60		
88.00		228.10	87.00	10.02	0.39		
90.00		226.35	89.00	9.95	0.40		
92.00		224.60	91.00	9.87	0.41		
94.00		222.85	93.00	9.79	0.42		
96.00	Appurtenance(s)	2599.5	95.00	114.24	59.92		
98.00		206.40	97.00	9.07	0.39		
98.75	Bot - Section 3	76.95	98.38	3.38	0.06		
100.00		198.20	99.38	8.71	0.38		
102.00		314.63	101.00	13.83	0.99		
102.25	Top - Section 2	39.11	102.13	1.72	0.02		
104.00		145.80	103.13	6.41	0.22		
106.00	Appurtenance(s)	2990.1	105.00	131.40	96.85		
108.00		143.83	107.00	6.32	0.23		
110.00		142.52	109.00	6.26	0.24		
112.00		141.20	111.00	6.21	0.24		
114.00		139.89	113.00	6.15	0.25		
116.00	Appurtenance(s)	3837.3	115.00	168.64	191.35		
118.00		104.39	117.00	4.59	0.15		
119.00		50.13	118.50	2.20	0.03		
	Totals:	**26,226.9**		**1,152.6**	**407.0**	**Total Wind:**	**19,286.3**

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Calculated Forces

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 41	

Load Case: 1.2D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.22			**Iterations**	23
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.09			**Ss**	0.21
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.31	**SA**	0.03			**S1**	0.06
								Seismic Importance Factor	1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-31.86	-0.41	0.00	-45.80	0.00	45.80	2063.18	598.93	2137.28	1829.55		0.00	0.00	0.034
1.00	-31.68	-0.41	0.00	-45.40	0.00	45.40	2059.52	596.68	2121.21	1819.38		0.00	0.00	0.028
2.00	-31.50	-0.41	0.00	-44.99	0.00	44.99	2055.83	594.42	2105.21	1809.22		0.00	0.00	0.027
4.00	-31.15	-0.41	0.00	-44.17	0.00	44.17	2048.36	589.91	2073.38	1788.88		0.00	0.00	0.027
6.00	-30.79	-0.41	0.00	-43.35	0.00	43.35	2040.76	585.40	2041.79	1768.54		0.00	-0.01	0.027
8.00	-30.43	-0.41	0.00	-42.53	0.00	42.53	2033.04	580.89	2010.44	1748.19		0.01	-0.01	0.027
10.00	-30.08	-0.41	0.00	-41.71	0.00	41.71	2025.20	576.38	1979.33	1727.84		0.01	-0.01	0.026
12.00	-29.73	-0.41	0.00	-40.88	0.00	40.88	2017.23	571.87	1948.47	1707.49		0.02	-0.01	0.026
14.00	-29.39	-0.41	0.00	-40.06	0.00	40.06	2009.13	567.35	1917.85	1687.14		0.02	-0.02	0.026
16.00	-29.04	-0.42	0.00	-39.23	0.00	39.23	2000.92	562.84	1887.48	1666.80		0.03	-0.02	0.025
18.00	-28.70	-0.42	0.00	-38.40	0.00	38.40	1992.57	558.33	1857.34	1646.46		0.04	-0.02	0.025
18.25	-28.65	-0.42	0.00	-38.29	0.00	38.29	1991.52	557.77	1853.59	1643.92		0.04	-0.02	0.025
18.25	-28.65	-0.42	0.00	-38.29	0.00	38.29	1991.52	557.77	1853.59	1643.92		0.04	-0.02	0.025
20.00	-28.36	-0.42	0.00	-37.56	0.00	37.56	1984.11	553.82	1827.45	1626.14		0.05	-0.02	0.037
22.00	-28.02	-0.42	0.00	-36.73	0.00	36.73	1975.52	549.31	1797.80	1605.83		0.06	-0.03	0.037
24.00	-27.68	-0.42	0.00	-35.89	0.00	35.89	1966.80	544.80	1768.39	1585.53		0.07	-0.03	0.037
26.00	-27.35	-0.42	0.00	-35.04	0.00	35.04	1957.96	540.29	1739.23	1565.25		0.08	-0.03	0.036
28.00	-27.01	-0.42	0.00	-34.20	0.00	34.20	1948.99	535.78	1710.31	1544.99		0.10	-0.04	0.036
30.00	-26.68	-0.43	0.00	-33.35	0.00	33.35	1939.91	531.27	1681.63	1524.76		0.11	-0.04	0.036
32.00	-26.36	-0.43	0.00	-32.50	0.00	32.50	1930.69	526.75	1653.19	1504.55		0.13	-0.04	0.035
34.00	-26.03	-0.43	0.00	-31.65	0.00	31.65	1921.36	522.24	1624.99	1484.36		0.15	-0.05	0.035
36.00	-25.71	-0.43	0.00	-30.79	0.00	30.79	1911.89	517.73	1597.04	1464.21		0.17	-0.05	0.034
38.00	-25.39	-0.43	0.00	-29.94	0.00	29.94	1902.31	513.22	1569.33	1444.09		0.19	-0.05	0.034
40.00	-25.07	-0.43	0.00	-29.08	0.00	29.08	1892.60	508.71	1541.86	1424.00		0.22	-0.06	0.034
42.00	-24.75	-0.43	0.00	-28.22	0.00	28.22	1882.76	504.20	1514.64	1403.96		0.24	-0.06	0.033
44.00	-24.43	-0.43	0.00	-27.35	0.00	27.35	1872.80	499.69	1487.66	1383.95		0.27	-0.06	0.033
46.00	-24.12	-0.43	0.00	-26.49	0.00	26.49	1862.72	495.18	1460.92	1363.99		0.29	-0.07	0.032
48.00	-23.81	-0.43	0.00	-25.62	0.00	25.62	1852.51	490.67	1434.42	1344.07		0.32	-0.07	0.032
48.75	-23.70	-0.43	0.00	-25.29	0.00	25.29	1848.65	488.97	1424.55	1336.61		0.33	-0.07	0.032
50.00	-23.35	-0.44	0.00	-24.75	0.00	24.75	1842.18	486.15	1408.17	1324.20		0.35	-0.07	0.031
52.00	-22.81	-0.43	0.00	-23.88	0.00	23.88	1831.72	481.64	1382.15	1304.37		0.38	-0.08	0.031
53.25	-22.47	-0.43	0.00	-23.34	0.00	23.34	1841.33	485.79	1406.04	1322.58		0.40	-0.08	0.030
54.00	-22.36	-0.44	0.00	-23.01	0.00	23.01	1837.42	484.09	1396.26	1315.14		0.42	-0.08	0.030
56.00	-22.05	-0.44	0.00	-22.14	0.00	22.14	1826.91	479.58	1370.36	1295.34		0.45	-0.08	0.029
58.00	-21.75	-0.44	0.00	-21.27	0.00	21.27	1816.27	475.07	1344.70	1275.60		0.49	-0.09	0.029
60.00	-21.45	-0.44	0.00	-20.39	0.00	20.39	1805.51	470.56	1319.28	1255.91		0.52	-0.09	0.028
62.00	-21.15	-0.44	0.00	-19.52	0.00	19.52	1794.62	466.05	1294.11	1236.28		0.56	-0.09	0.028
64.00	-20.86	-0.44	0.00	-18.65	0.00	18.65	1783.61	461.54	1269.18	1216.72		0.60	-0.09	0.027
66.00	-20.56	-0.44	0.00	-17.77	0.00	17.77	1772.48	457.03	1244.49	1197.22		0.64	-0.10	0.026
68.00	-20.27	-0.44	0.00	-16.89	0.00	16.89	1761.22	452.52	1220.04	1177.78		0.68	-0.10	0.026
70.00	-19.98	-0.44	0.00	-16.02	0.00	16.02	1749.83	448.01	1195.84	1158.41		0.72	-0.10	0.025
72.00	-19.69	-0.44	0.00	-15.14	0.00	15.14	1738.33	443.49	1171.88	1139.12		0.77	-0.11	0.025
74.00	-19.41	-0.44	0.00	-14.26	0.00	14.26	1726.69	438.98	1148.16	1119.90		0.81	-0.11	0.024
76.00	-19.12	-0.44	0.00	-13.39	0.00	13.39	1714.94	434.47	1124.68	1100.75		0.86	-0.11	0.023
78.00	-18.84	-0.44	0.00	-12.51	0.00	12.51	1703.06	429.96	1101.45	1081.68		0.90	-0.11	0.023
80.00	-18.56	-0.44	0.00	-11.63	0.00	11.63	1691.05	425.45	1078.46	1062.70		0.95	-0.12	0.022
82.00	-18.29	-0.44	0.00	-10.76	0.00	10.76	1678.92	420.94	1055.71	1043.80		1.00	-0.12	0.021

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Calculated Forces

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 42

84.00	-18.01	-0.44	0.00	-9.88	0.00	9.88	1666.67	416.43	1033.20	1024.99	1.05	-0.12	0.020
86.00	-14.80	-0.38	0.00	-9.00	0.00	9.00	1654.29	411.92	1010.94	1006.26	1.10	-0.12	0.018
88.00	-14.53	-0.38	0.00	-8.24	0.00	8.24	1641.79	407.41	988.92	987.63	1.15	-0.12	0.017
90.00	-14.27	-0.38	0.00	-7.47	0.00	7.47	1629.16	402.89	967.14	969.09	1.21	-0.13	0.016
92.00	-14.00	-0.38	0.00	-6.70	0.00	6.70	1616.41	398.38	945.60	950.64	1.26	-0.13	0.016
94.00	-13.74	-0.38	0.00	-5.94	0.00	5.94	1603.53	393.87	924.31	932.30	1.31	-0.13	0.015
96.00	-10.52	-0.31	0.00	-5.17	0.00	5.17	1590.53	389.36	903.25	914.06	1.37	-0.13	0.012
98.00	-10.27	-0.31	0.00	-4.54	0.00	4.54	1577.41	384.85	882.45	895.92	1.42	-0.13	0.012
98.75	-10.18	-0.31	0.00	-4.31	0.00	4.31	1572.46	383.16	874.71	889.15	1.44	-0.13	0.011
100.00	-9.94	-0.31	0.00	-3.92	0.00	3.92	1564.16	380.34	861.88	877.89	1.48	-0.13	0.011
102.00	-9.56	-0.31	0.00	-3.29	0.00	3.29	1550.79	375.83	841.56	859.97	1.53	-0.13	0.010
102.25	-9.51	-0.31	0.00	-3.21	0.00	3.21	1064.30	286.02	649.87	600.31	1.54	-0.13	0.014
104.00	-9.34	-0.31	0.00	-2.67	0.00	2.67	1057.83	283.06	636.49	590.45	1.59	-0.13	0.013
106.00	-5.63	-0.21	0.00	-2.05	0.00	2.05	1050.33	279.67	621.36	579.20	1.64	-0.14	0.009
108.00	-5.46	-0.21	0.00	-1.63	0.00	1.63	1042.70	276.29	606.42	567.99	1.70	-0.14	0.008
110.00	-5.29	-0.20	0.00	-1.22	0.00	1.22	1034.95	272.91	591.66	556.81	1.76	-0.14	0.007
112.00	-5.12	-0.20	0.00	-0.82	0.00	0.82	1027.07	269.52	577.08	545.68	1.82	-0.14	0.006
114.00	-4.96	-0.20	0.00	-0.41	0.00	0.41	1019.06	266.14	562.68	534.58	1.87	-0.14	0.006
116.00	-0.19	0.00	0.00	0.00	0.00	0.00	1010.94	262.76	548.47	523.52	1.93	-0.14	0.000
118.00	-0.06	0.00	0.00	0.00	0.00	0.00	1002.69	259.37	534.43	512.52	1.99	-0.14	0.000
119.00	0.00	0.00	0.00	0.00	0.00	0.00	998.51	257.68	527.49	507.03	2.02	-0.14	0.000

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Seismic Segment Forces (Factored)

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 43	

Load Case: 0.9D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.22	**Iterations**	22
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.09	**Ss**	0.21
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.31	**SA**	0.03	**S1**	0.06
						Seismic Importance Factor	1.00

R: 1.50

Top Elev (ft)	Description	Wz (lb)	Hz (lb)	Vertical Ev (lb)	Lateral Fs (lb)
0.00	RB1	0.00	0.00	0.00	0.00
1.00	RT1 RB2	142.02	0.50	6.24	0.00
2.00		141.58	1.50	6.22	0.00
4.00		281.85	3.00	12.39	0.00
6.00		280.10	5.00	12.31	0.00
8.00		278.35	7.00	12.23	0.00
10.00		276.60	9.00	12.16	0.01
12.00		274.85	11.00	12.08	0.01
14.00		273.10	13.00	12.00	0.01
16.00		271.35	15.00	11.92	0.02
18.00		269.60	17.00	11.85	0.02
18.25	RT2	33.58	18.13	1.48	0.00
20.00		234.27	19.13	10.30	0.02
22.00		266.10	21.00	11.69	0.03
24.00		264.35	23.00	11.62	0.04
26.00		262.60	25.00	11.54	0.04
28.00		260.85	27.00	11.46	0.05
30.00		259.11	29.00	11.39	0.06
32.00		257.36	31.00	11.31	0.06
34.00		255.61	33.00	11.23	0.07
36.00		253.86	35.00	11.16	0.08
38.00		252.11	37.00	11.08	0.09
40.00		250.36	39.00	11.00	0.09
42.00		248.61	41.00	10.93	0.10
44.00		246.86	43.00	10.85	0.11
46.00		245.11	45.00	10.77	0.12
48.00		243.36	47.00	10.69	0.13
48.75	Bot - Section 2	90.81	48.38	3.99	0.02
50.00		270.66	49.38	11.89	0.18
52.00		430.21	51.00	18.91	0.48
53.25	Top - Section 1	267.10	52.63	11.74	0.20
54.00		90.10	53.63	3.96	0.02
56.00		239.06	55.00	10.51	0.17
58.00		237.31	57.00	10.43	0.18
60.00		235.57	59.00	10.35	0.19
62.00		233.82	61.00	10.28	0.20
64.00		232.07	63.00	10.20	0.21
66.00		230.32	65.00	10.12	0.22
68.00		228.57	67.00	10.04	0.23
70.00		226.82	69.00	9.97	0.24
72.00		225.07	71.00	9.89	0.25
74.00		223.32	73.00	9.81	0.26
76.00		221.57	75.00	9.74	0.27
78.00		219.82	77.00	9.66	0.28
80.00		218.07	79.00	9.58	0.29
82.00		216.32	81.00	9.51	0.31

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Seismic Segment Forces (Factored)

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 44

84.00		214.57	83.00	9.43	0.32			
86.00	Appurtenance(s)	2571.9	85.00	113.03	47.50			
88.00		210.79	87.00	9.26	0.33			
90.00		209.04	89.00	9.19	0.34			
92.00		207.29	91.00	9.11	0.35			
94.00		205.54	93.00	9.03	0.36			
96.00	Appurtenance(s)	2582.1	95.00	113.48	59.81			
98.00		192.33	97.00	8.45	0.35			
98.75	Bot - Section 3	71.67	98.38	3.15	0.05			
100.00		189.40	99.38	8.32	0.35			
102.00		300.56	101.00	13.21	0.92			
102.25	Top - Section 2	37.35	102.13	1.64	0.01			
104.00		133.48	103.13	5.87	0.19			
106.00	Appurtenance(s)	2976.0	105.00	130.79	97.05			
108.00		134.82	107.00	5.92	0.21			
110.00		133.51	109.00	5.87	0.21			
112.00		132.20	111.00	5.81	0.21			
114.00		130.88	113.00	5.75	0.22			
116.00	Appurtenance(s)	3828.3	115.00	168.24	192.65			
118.00		103.60	117.00	4.55	0.15			
119.00		50.13	118.50	2.20	0.04			
		Totals: **25,275.7**		**1,110.8**	**407.0**		**Total Wind:**	**19,286.3**

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Calculated Forces

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 45	

Load Case: 0.9D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.22			**Iterations**	22
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.09			**Ss**	0.21
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.31	**SA**	0.03			**S1**	0.06
								Seismic Importance Factor	1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-24.14	-0.41	0.00	-45.05	0.00	45.05	2063.18	598.93	2137.28	1829.55		0.00	0.00	0.030
1.00	-24.01	-0.41	0.00	-44.64	0.00	44.64	2059.52	596.68	2121.21	1819.38		0.00	0.00	0.025
2.00	-23.87	-0.41	0.00	-44.24	0.00	44.24	2055.83	594.42	2105.21	1809.22		0.00	0.00	0.025
4.00	-23.60	-0.41	0.00	-43.42	0.00	43.42	2048.36	589.91	2073.38	1788.88		0.00	0.00	0.024
6.00	-23.33	-0.41	0.00	-42.61	0.00	42.61	2040.76	585.40	2041.79	1768.54		0.00	-0.01	0.024
8.00	-23.06	-0.41	0.00	-41.79	0.00	41.79	2033.04	580.89	2010.44	1748.19		0.01	-0.01	0.024
10.00	-22.80	-0.41	0.00	-40.98	0.00	40.98	2025.20	576.38	1979.33	1727.84		0.01	-0.01	0.024
12.00	-22.53	-0.41	0.00	-40.16	0.00	40.16	2017.23	571.87	1948.47	1707.49		0.02	-0.01	0.023
14.00	-22.27	-0.41	0.00	-39.34	0.00	39.34	2009.13	567.35	1917.85	1687.14		0.02	-0.02	0.023
16.00	-22.01	-0.41	0.00	-38.51	0.00	38.51	2000.92	562.84	1887.48	1666.80		0.03	-0.02	0.023
18.00	-21.75	-0.41	0.00	-37.69	0.00	37.69	1992.57	558.33	1857.34	1646.46		0.04	-0.02	0.023
18.25	-21.71	-0.41	0.00	-37.59	0.00	37.59	1991.52	557.77	1853.59	1643.92		0.04	-0.02	0.023
18.25	-21.71	-0.41	0.00	-37.59	0.00	37.59	1991.52	557.77	1853.59	1643.92		0.04	-0.02	0.023
20.00	-21.49	-0.41	0.00	-36.86	0.00	36.86	1984.11	553.82	1827.45	1626.14		0.05	-0.02	0.034
22.00	-21.23	-0.41	0.00	-36.04	0.00	36.04	1975.52	549.31	1797.80	1605.83		0.06	-0.03	0.033
24.00	-20.98	-0.42	0.00	-35.21	0.00	35.21	1966.80	544.80	1768.39	1585.53		0.07	-0.03	0.033
26.00	-20.72	-0.42	0.00	-34.37	0.00	34.37	1957.96	540.29	1739.23	1565.25		0.08	-0.03	0.033
28.00	-20.47	-0.42	0.00	-33.54	0.00	33.54	1948.99	535.78	1710.31	1544.99		0.10	-0.04	0.032
30.00	-20.22	-0.42	0.00	-32.70	0.00	32.70	1939.91	531.27	1681.63	1524.76		0.11	-0.04	0.032
32.00	-19.98	-0.42	0.00	-31.87	0.00	31.87	1930.69	526.75	1653.19	1504.55		0.13	-0.04	0.032
34.00	-19.73	-0.42	0.00	-31.03	0.00	31.03	1921.36	522.24	1624.99	1484.36		0.15	-0.05	0.031
36.00	-19.48	-0.42	0.00	-30.19	0.00	30.19	1911.89	517.73	1597.04	1464.21		0.17	-0.05	0.031
38.00	-19.24	-0.42	0.00	-29.34	0.00	29.34	1902.31	513.22	1569.33	1444.09		0.19	-0.05	0.030
40.00	-19.00	-0.42	0.00	-28.50	0.00	28.50	1892.60	508.71	1541.86	1424.00		0.21	-0.06	0.030
42.00	-18.76	-0.42	0.00	-27.65	0.00	27.65	1882.76	504.20	1514.64	1403.96		0.24	-0.06	0.030
44.00	-18.52	-0.42	0.00	-26.80	0.00	26.80	1872.80	499.69	1487.66	1383.95		0.26	-0.06	0.029
46.00	-18.28	-0.43	0.00	-25.96	0.00	25.96	1862.72	495.18	1460.92	1363.99		0.29	-0.07	0.029
48.00	-18.05	-0.43	0.00	-25.11	0.00	25.11	1852.51	490.67	1434.42	1344.07		0.32	-0.07	0.028
48.75	-17.96	-0.43	0.00	-24.79	0.00	24.79	1848.65	488.97	1424.55	1336.61		0.33	-0.07	0.028
50.00	-17.70	-0.43	0.00	-24.25	0.00	24.25	1842.18	486.15	1408.17	1324.20		0.35	-0.07	0.028
52.00	-17.29	-0.43	0.00	-23.40	0.00	23.40	1831.72	481.64	1382.15	1304.37		0.38	-0.07	0.027
53.25	-17.04	-0.43	0.00	-22.87	0.00	22.87	1841.33	485.79	1406.04	1322.58		0.40	-0.08	0.027
54.00	-16.95	-0.43	0.00	-22.55	0.00	22.55	1837.42	484.09	1396.26	1315.14		0.41	-0.08	0.026
56.00	-16.72	-0.43	0.00	-21.70	0.00	21.70	1826.91	479.58	1370.36	1295.34		0.44	-0.08	0.026
58.00	-16.49	-0.43	0.00	-20.84	0.00	20.84	1816.27	475.07	1344.70	1275.60		0.48	-0.08	0.025
60.00	-16.26	-0.43	0.00	-19.99	0.00	19.99	1805.51	470.56	1319.28	1255.91		0.51	-0.09	0.025
62.00	-16.04	-0.43	0.00	-19.13	0.00	19.13	1794.62	466.05	1294.11	1236.28		0.55	-0.09	0.024
64.00	-15.81	-0.43	0.00	-18.28	0.00	18.28	1783.61	461.54	1269.18	1216.72		0.59	-0.09	0.024
66.00	-15.59	-0.43	0.00	-17.42	0.00	17.42	1772.48	457.03	1244.49	1197.22		0.63	-0.10	0.023
68.00	-15.37	-0.43	0.00	-16.56	0.00	16.56	1761.22	452.52	1220.04	1177.78		0.67	-0.10	0.023
70.00	-15.15	-0.43	0.00	-15.71	0.00	15.71	1749.83	448.01	1195.84	1158.41		0.71	-0.10	0.022
72.00	-14.93	-0.43	0.00	-14.85	0.00	14.85	1738.33	443.49	1171.88	1139.12		0.75	-0.10	0.022
74.00	-14.71	-0.43	0.00	-13.99	0.00	13.99	1726.69	438.98	1148.16	1119.90		0.80	-0.11	0.021
76.00	-14.50	-0.43	0.00	-13.14	0.00	13.14	1714.94	434.47	1124.68	1100.75		0.84	-0.11	0.020
78.00	-14.29	-0.43	0.00	-12.28	0.00	12.28	1703.06	429.96	1101.45	1081.68		0.89	-0.11	0.020
80.00	-14.08	-0.43	0.00	-11.42	0.00	11.42	1691.05	425.45	1078.46	1062.70		0.93	-0.11	0.019
82.00	-13.87	-0.43	0.00	-10.57	0.00	10.57	1678.92	420.94	1055.71	1043.80		0.98	-0.12	0.018

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Calculated Forces

Structure: CT13069-A
Site Name: Meriden
Height: 119.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1
Topography: 1

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

7/27/2023

84.00	-13.66	-0.43	0.00	-9.71	0.00	9.71	1666.67	416.43	1033.20	1024.99	1.03	-0.12	0.018
86.00	-11.23	-0.38	0.00	-8.85	0.00	8.85	1654.29	411.92	1010.94	1006.26	1.08	-0.12	0.016
88.00	-11.02	-0.38	0.00	-8.10	0.00	8.10	1641.79	407.41	988.92	987.63	1.13	-0.12	0.015
90.00	-10.82	-0.38	0.00	-7.35	0.00	7.35	1629.16	402.89	967.14	969.09	1.18	-0.12	0.014
92.00	-10.62	-0.37	0.00	-6.60	0.00	6.60	1616.41	398.38	945.60	950.64	1.23	-0.12	0.014
94.00	-10.42	-0.37	0.00	-5.85	0.00	5.85	1603.53	393.87	924.31	932.30	1.29	-0.13	0.013
96.00	-7.98	-0.31	0.00	-5.10	0.00	5.10	1590.53	389.36	903.25	914.06	1.34	-0.13	0.011
98.00	-7.79	-0.31	0.00	-4.48	0.00	4.48	1577.41	384.85	882.45	895.92	1.39	-0.13	0.010
98.75	-7.72	-0.31	0.00	-4.25	0.00	4.25	1572.46	383.16	874.71	889.15	1.41	-0.13	0.010
100.00	-7.54	-0.31	0.00	-3.87	0.00	3.87	1564.16	380.34	861.88	877.89	1.45	-0.13	0.009
102.00	-7.25	-0.31	0.00	-3.25	0.00	3.25	1550.79	375.83	841.56	859.97	1.50	-0.13	0.008
102.25	-7.22	-0.31	0.00	-3.17	0.00	3.17	1064.30	286.02	649.87	600.31	1.51	-0.13	0.012
104.00	-7.09	-0.31	0.00	-2.64	0.00	2.64	1057.83	283.06	636.49	590.45	1.56	-0.13	0.011
106.00	-4.27	-0.20	0.00	-2.02	0.00	2.02	1050.33	279.67	621.36	579.20	1.61	-0.13	0.008
108.00	-4.14	-0.20	0.00	-1.62	0.00	1.62	1042.70	276.29	606.42	567.99	1.67	-0.13	0.007
110.00	-4.02	-0.20	0.00	-1.21	0.00	1.21	1034.95	272.91	591.66	556.81	1.72	-0.13	0.006
112.00	-3.89	-0.20	0.00	-0.81	0.00	0.81	1027.07	269.52	577.08	545.68	1.78	-0.13	0.005
114.00	-3.76	-0.20	0.00	-0.40	0.00	0.40	1019.06	266.14	562.68	534.58	1.84	-0.13	0.004
116.00	-0.15	0.00	0.00	0.00	0.00	0.00	1010.94	262.76	548.47	523.52	1.89	-0.13	0.000
118.00	-0.05	0.00	0.00	0.00	0.00	0.00	1002.69	259.37	534.43	512.52	1.95	-0.13	0.000
119.00	0.00	0.00	0.00	0.00	0.00	0.00	998.51	257.68	527.49	507.03	1.98	-0.13	0.000

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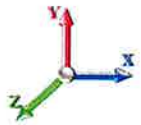
Wind Loading - Shaft

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 47	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 25

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00	RB1	1.00	0.70	5.420	5.96	182.70	0.630	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00	RT1 RB2	1.00	0.70	5.420	5.96	182.01	0.630	0.000	1.00	3.654	2.30	13.7	0.0	115.9
2.00		1.00	0.70	5.420	5.96	181.33	0.630	0.000	1.00	3.640	2.29	13.7	0.0	115.5
4.00		1.00	0.70	5.420	5.96	179.96	0.630	0.000	2.00	7.239	4.56	27.2	0.0	229.6
6.00		1.00	0.70	5.420	5.96	178.59	0.630	0.000	2.00	7.184	4.53	27.0	0.0	227.9
8.00		1.00	0.70	5.420	5.96	177.22	0.630	0.000	2.00	7.129	4.49	26.8	0.0	226.1
10.00		1.00	0.70	5.420	5.96	175.86	0.630	0.000	2.00	7.075	4.46	26.6	0.0	224.4
12.00		1.00	0.70	5.420	5.96	174.49	0.630	0.000	2.00	7.020	4.42	26.4	0.0	222.6
14.00		1.00	0.70	5.420	5.96	173.12	0.630	0.000	2.00	6.965	4.39	26.2	0.0	220.9
16.00		1.00	0.70	5.420	5.96	171.75	0.630	0.000	2.00	6.910	4.35	26.0	0.0	219.1
18.00		1.00	0.70	5.420	5.96	170.38	0.630	0.000	2.00	6.855	4.32	25.7	0.0	217.4
18.25	RT2	1.00	0.70	5.420	5.96	170.21	0.630	0.000	0.25	0.853	0.54	3.2	0.0	27.1
20.00		1.00	0.70	5.420	5.96	169.02	0.630	0.000	1.75	5.947	3.75	22.3	0.0	188.6
22.00		1.00	0.70	5.420	5.96	167.65	0.630	0.000	2.00	6.746	4.25	25.3	0.0	213.9
24.00		1.00	0.70	5.420	5.96	166.28	0.630	0.000	2.00	6.691	4.22	25.1	0.0	212.1
26.00		1.00	0.70	5.420	5.96	164.91	0.630	0.000	2.00	6.636	4.18	24.9	0.0	210.4
28.00		1.00	0.70	5.420	5.96	163.54	0.630	0.000	2.00	6.581	4.15	24.7	0.0	208.6
30.00		1.00	0.71	5.476	6.02	163.01	0.630	0.000	2.00	6.526	4.11	24.8	0.0	206.9
32.00		1.00	0.72	5.574	6.13	163.08	0.630	0.000	2.00	6.471	4.08	25.0	0.0	205.1
34.00		1.00	0.73	5.669	6.24	163.06	0.630	0.000	2.00	6.417	4.04	25.2	0.0	203.4
36.00		1.00	0.74	5.760	6.34	162.95	0.630	0.000	2.00	6.362	4.01	25.4	0.0	201.6
38.00		1.00	0.76	5.847	6.43	162.76	0.630	0.000	2.00	6.307	3.97	25.6	0.0	199.9
40.00		1.00	0.77	5.931	6.52	162.49	0.630	0.000	2.00	6.252	3.94	25.7	0.0	198.1
42.00		1.00	0.78	6.012	6.61	162.16	0.630	0.000	2.00	6.197	3.90	25.8	0.0	196.4
44.00		1.00	0.79	6.091	6.70	161.77	0.630	0.000	2.00	6.142	3.87	25.9	0.0	194.6
46.00		1.00	0.80	6.167	6.78	161.32	0.630	0.000	2.00	6.088	3.84	26.0	0.0	192.9
48.00		1.00	0.81	6.241	6.87	160.81	0.630	0.000	2.00	6.033	3.80	26.1	0.0	191.1
48.75	Bot - Section 2	1.00	0.81	6.268	6.89	160.61	0.630	0.000	0.75	2.248	1.42	9.8	0.0	71.2
50.00		1.00	0.82	6.313	6.94	160.26	0.630	0.000	1.25	3.783	2.38	16.5	0.0	238.0
52.00		1.00	0.82	6.383	7.02	159.65	0.630	0.000	2.00	6.008	3.78	26.6	0.0	378.0
53.25	Top - Section 1	1.00	0.83	6.425	7.07	159.26	0.630	0.000	1.25	3.727	2.35	16.6	0.0	234.5
54.00		1.00	0.83	6.450	7.10	161.31	0.630	0.000	0.75	2.226	1.40	10.0	0.0	70.5
56.00		1.00	0.84	6.517	7.17	160.64	0.630	0.000	2.00	5.898	3.72	26.6	0.0	186.8
58.00		1.00	0.85	6.581	7.24	159.92	0.630	0.000	2.00	5.843	3.68	26.6	0.0	185.1
60.00		1.00	0.86	6.644	7.31	159.17	0.630	0.000	2.00	5.789	3.65	26.7	0.0	183.3
62.00		1.00	0.87	6.706	7.38	158.39	0.630	0.000	2.00	5.734	3.61	26.6	0.0	181.6
64.00		1.00	0.87	6.766	7.44	157.57	0.630	0.000	2.00	5.679	3.58	26.6	0.0	179.9
66.00		1.00	0.88	6.825	7.51	156.71	0.630	0.000	2.00	5.624	3.54	26.6	0.0	178.1
68.00		1.00	0.89	6.882	7.57	155.83	0.630	0.000	2.00	5.569	3.51	26.6	0.0	176.4
70.00		1.00	0.90	6.939	7.63	154.92	0.630	0.000	2.00	5.514	3.47	26.5	0.0	174.6
72.00		1.00	0.90	6.994	7.69	153.98	0.630	0.000	2.00	5.460	3.44	26.5	0.0	172.9
74.00		1.00	0.91	7.048	7.75	153.02	0.630	0.000	2.00	5.405	3.40	26.4	0.0	171.1
76.00		1.00	0.92	7.101	7.81	152.03	0.630	0.000	2.00	5.350	3.37	26.3	0.0	169.4
78.00		1.00	0.92	7.154	7.87	151.02	0.630	0.000	2.00	5.295	3.34	26.3	0.0	167.6
80.00		1.00	0.93	7.205	7.93	149.98	0.630	0.000	2.00	5.240	3.30	26.2	0.0	165.9
82.00		1.00	0.94	7.255	7.98	148.92	0.630	0.000	2.00	5.185	3.27	26.1	0.0	164.1
84.00		1.00	0.94	7.305	8.04	147.84	0.630	0.000	2.00	5.131	3.23	26.0	0.0	162.4

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Wind Loading - Shaft

Structure: CT13069-A
Site Name: Meriden
Height: 119.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1
Topography: 1

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

7/27/2023

86.00 Appurtenance(s)	1.00	0.95	7.353	8.09	146.74	0.630	0.000	2.00	5.076	3.20	25.9	0.0	160.6
88.00	1.00	0.96	7.401	8.14	145.62	0.630	0.000	2.00	5.021	3.16	25.8	0.0	158.9
90.00	1.00	0.96	7.449	8.19	144.47	0.630	0.000	2.00	4.966	3.13	25.6	0.0	157.1
92.00	1.00	0.97	7.495	8.24	143.32	0.630	0.000	2.00	4.911	3.09	25.5	0.0	155.4
94.00	1.00	0.97	7.541	8.29	142.14	0.630	0.000	2.00	4.857	3.06	25.4	0.0	153.6
96.00 Appurtenance(s)	1.00	0.98	7.586	8.34	140.94	0.630	0.000	2.00	4.802	3.03	25.2	0.0	151.9
98.00	1.00	0.99	7.630	8.39	139.73	0.630	0.000	2.00	4.747	2.99	25.1	0.0	150.1
98.75 Bot - Section 3	1.00	0.99	7.646	8.41	139.27	0.630	0.000	0.75	1.766	1.11	9.4	0.0	55.8
100.00	1.00	0.99	7.674	8.44	138.50	0.630	0.000	1.25	2.966	1.87	15.8	0.0	163.0
102.00	1.00	1.00	7.717	8.49	137.26	0.630	0.000	2.00	4.701	2.96	25.1	0.0	258.3
102.25 Top - Section 2	1.00	1.00	7.722	8.49	137.10	0.630	0.000	0.25	0.584	0.37	3.1	0.0	32.1
104.00	1.00	1.00	7.759	8.54	137.89	0.630	0.000	1.75	4.062	2.56	21.8	0.0	96.5
106.00 Appurtenance(s)	1.00	1.01	7.801	8.58	136.63	0.630	0.000	2.00	4.591	2.89	24.8	0.0	109.1
108.00	1.00	1.01	7.843	8.63	135.34	0.630	0.000	2.00	4.536	2.86	24.7	0.0	107.8
110.00	1.00	1.02	7.884	8.67	134.04	0.630	0.000	2.00	4.481	2.82	24.5	0.0	106.5
112.00	1.00	1.02	7.924	8.72	132.73	0.630	0.000	2.00	4.427	2.79	24.3	0.0	105.2
114.00	1.00	1.03	7.964	8.76	131.41	0.630	0.000	2.00	4.372	2.75	24.1	0.0	103.9
116.00 Appurtenance(s)	1.00	1.03	8.003	8.80	130.07	0.630	0.000	2.00	4.317	2.72	23.9	0.0	102.5
118.00	1.00	1.04	8.042	8.85	128.72	0.630	0.000	2.00	4.262	2.69	23.8	0.0	101.2
119.00	1.00	1.04	8.061	8.87	128.04	0.630	0.000	1.00	2.110	1.33	11.8	0.0	50.1
							Totals:	**119.00**			**1,531.9**		**11,161.3**

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Discrete Appurtenance Forces

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 49	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00

Iterations 25

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	116.00	Sitepro RMQP-4096-HK	1	8.003	8.803	1.00	1.00	34.54	1945.00	0.000	0.000	304.07	0.00	0.00
2	116.00	AIR6449 B41	3	8.003	8.803	0.53	0.75	9.03	309.00	0.000	0.000	79.46	0.00	0.00
3	116.00	Air 32	3	8.003	8.803	0.65	0.75	12.74	396.00	0.000	0.000	112.18	0.00	0.00
4	116.00	APXVAALL18-43-U-NA20	3	8.003	8.803	0.55	0.75	25.03	277.80	0.000	0.000	220.36	0.00	0.00
5	116.00	Exposed Mount Pipes	12	8.003	8.803	0.75	0.75	15.12	360.00	0.000	0.000	133.11	0.00	0.00
6	116.00	KRY 112 144/1	3	8.003	8.803	0.50	0.75	0.62	33.00	0.000	0.000	5.44	0.00	0.00
7	116.00	SDX1926Q-43 Diplexer	3	8.003	8.803	0.50	0.75	0.44	18.00	0.000	0.000	3.85	0.00	0.00
8	116.00	Radio 4449 B71+B85	3	8.003	8.803	0.38	0.75	2.22	222.00	0.000	0.000	19.51	0.00	0.00
9	116.00	Ericsson 4415 B25 RRU	3	8.003	8.803	0.38	0.75	1.84	138.00	0.000	0.000	16.24	0.00	0.00
10	106.00	Samsung RFS	2	7.801	8.581	0.53	0.75	5.11	37.80	0.000	0.000	43.87	0.00	0.00
11	106.00	Samsung RFV01UA-D2A	3	7.801	8.581	0.38	0.75	2.11	253.50	0.000	0.000	18.15	0.00	0.00
12	106.00	Samsung RFV01U-D1A	3	7.801	8.581	0.38	0.75	2.11	210.90	0.000	0.000	18.15	0.00	0.00
13	106.00	Commscope	3	7.801	8.581	0.38	0.75	0.62	31.20	0.000	0.000	5.31	0.00	0.00
14	106.00	Andrew JAHH-65B-R3B	6	7.801	8.581	0.38	0.75	20.50	379.80	0.000	0.000	175.90	0.00	0.00
15	106.00	Samsung VZS01	3	7.801	8.581	0.52	0.75	7.40	261.30	0.000	0.000	63.52	0.00	0.00
16	106.00	Kaelus KA-6030	2	7.801	8.581	0.49	0.75	0.94	35.20	0.000	0.000	8.03	0.00	0.00
17	106.00	PV-LPP12M-B w/ Mods	1	7.801	8.581	1.00	1.00	48.40	1615.00	0.000	0.000	415.34	0.00	0.00
18	96.00	1900 MHz	3	7.586	8.344	0.40	0.80	3.25	180.00	0.000	0.000	27.14	0.00	0.00
19	96.00	UDS-NPL (3 Sectors)	3	7.586	8.344	0.56	0.75	19.07	1050.00	0.000	0.000	159.11	0.00	0.00
20	96.00	NNVV-65B-R4	3	7.586	8.344	0.59	0.80	21.79	232.20	0.000	0.000	181.83	0.00	0.00
21	96.00	AAHC	3	7.586	8.344	0.60	0.80	7.56	312.00	0.000	0.000	63.08	0.00	0.00
22	96.00	800 MHz RRU	6	7.586	8.344	0.40	0.80	5.98	318.00	0.000	0.000	49.86	0.00	0.00
23	96.00	TD-RRH8x20-25	3	7.586	8.344	0.40	0.80	4.86	210.00	0.000	0.000	40.55	0.00	0.00
24	96.00	VHLP2-18	2	7.586	8.344	1.00	1.00	9.38	62.00	2.194	0.000	78.27	171.69	0.00
25	96.00	VHLP1-23	1	7.586	8.344	1.00	1.00	1.61	14.20	0.000	0.000	13.43	0.00	0.00
26	86.00	MC-PK8-DSH	1	7.353	8.089	1.00	1.00	34.23	1727.00	0.000	0.000	276.88	0.00	0.00
27	86.00	Raycap	1	7.353	8.089	0.75	0.75	1.51	21.90	0.000	0.000	12.19	0.00	0.00
28	86.00	Fujitsu TA08025-B604	3	7.353	8.089	0.38	0.75	2.21	191.70	0.000	0.000	17.84	0.00	0.00
29	86.00	Fujitsu TA08025-B605	3	7.353	8.089	0.38	0.75	2.21	225.00	0.000	0.000	17.84	0.00	0.00
30	86.00	MX08FRO665-21	3	7.353	8.089	0.55	0.75	20.80	193.50	0.000	0.000	168.21	0.00	0.00
							Totals:		**11,261.00**			**2,748.74**		

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Total Applied Force Summary

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 50	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00

Iterations 25

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
1.00		15.32	144.92	0.00	0.00
2.00		15.27	144.48	0.00	0.00
4.00		30.38	287.65	0.00	0.00
6.00		30.18	285.90	0.00	0.00
8.00		29.97	284.15	0.00	0.00
10.00		29.76	282.40	0.00	0.00
12.00		29.56	280.65	0.00	0.00
14.00		29.35	278.90	0.00	0.00
16.00		29.15	277.15	0.00	0.00
18.00		28.94	275.40	0.00	0.00
18.25		3.60	34.30	0.00	0.00
20.00		25.13	239.35	0.00	0.00
22.00		26.54	271.90	0.00	0.00
24.00		26.34	270.16	0.00	0.00
26.00		26.13	268.41	0.00	0.00
28.00		25.92	266.66	0.00	0.00
30.00		25.98	264.91	0.00	0.00
32.00		26.24	263.16	0.00	0.00
34.00		26.47	261.41	0.00	0.00
36.00		26.67	259.66	0.00	0.00
38.00		26.85	257.91	0.00	0.00
40.00		27.02	256.16	0.00	0.00
42.00		27.16	254.41	0.00	0.00
44.00		27.28	252.66	0.00	0.00
46.00		27.39	250.91	0.00	0.00
48.00		27.48	249.16	0.00	0.00
48.75		10.29	92.99	0.00	0.00
50.00		17.43	274.28	0.00	0.00
52.00		27.99	436.01	0.00	0.00
53.25		17.49	270.73	0.00	0.00
54.00		10.49	92.28	0.00	0.00
56.00		28.08	244.87	0.00	0.00
58.00		28.11	243.12	0.00	0.00
60.00		28.13	241.37	0.00	0.00
62.00		28.13	239.62	0.00	0.00
64.00		28.13	237.87	0.00	0.00
66.00		28.12	236.12	0.00	0.00
68.00		28.09	234.37	0.00	0.00
70.00		28.06	232.62	0.00	0.00
72.00		28.02	230.87	0.00	0.00
74.00		27.96	229.12	0.00	0.00
76.00		27.91	227.37	0.00	0.00
78.00		27.84	225.62	0.00	0.00
80.00		27.77	223.87	0.00	0.00
82.00		27.68	222.12	0.00	0.00
84.00		27.60	220.38	0.00	0.00

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Total Applied Force Summary

Structure:	CT13069-A		**Code:**	TIA-222-H	7/27/2023
Site Name:	Meriden		**Exposure:**	B	
Height:	119.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 51

86.00	(11) attachments	520.46	2577.73	0.00	0.00
88.00		27.40	216.56	0.00	0.00
90.00		27.29	214.81	0.00	0.00
92.00		27.17	213.06	0.00	0.00
94.00		27.05	211.31	0.00	0.00
96.00	(24) attachments	640.21	2587.96	171.69	0.00
98.00		26.79	197.02	0.00	0.00
98.75		9.99	73.43	0.00	0.00
100.00		16.84	192.34	0.00	0.00
102.00		26.85	305.25	0.00	0.00
102.25		3.34	37.94	0.00	0.00
104.00		23.35	137.59	0.00	0.00
106.00	(23) attachments	774.83	2980.71	0.00	0.00
108.00		26.40	137.82	0.00	0.00
110.00		26.23	136.51	0.00	0.00
112.00		26.07	135.20	0.00	0.00
114.00		25.90	133.89	0.00	0.00
116.00	(34) attachments	919.94	3831.37	0.00	0.00
118.00		25.54	103.86	0.00	0.00
119.00		11.79	50.13	0.00	0.00
	Totals:	**4,386.84**	**25,592.80**	**171.69**	**0.00**

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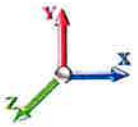
Linear Appurtenance Segment Forces (Factored)

Structure: CT13069-A
Site Name: Meriden
Height: 119.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 7/27/2023
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

SBA

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



Iterations 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
1.00	Safety Cable	Yes	1.00	1.200	0.38	0.03	0.04	0.000	0.000	5.420	0.23	0.27
1.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.05	0.06	0.000	0.000	5.420	0.38	1.04
1.00	1" Reinforcing plate	Yes	1.00	2.000	1.00	0.08	0.17	0.000	0.000	5.420	0.99	0.00
2.00	Safety Cable	Yes	1.00	1.200	0.38	0.03	0.04	0.000	0.000	5.420	0.23	0.27
2.00	Step bolts (ladder)	Yes	1.00	1.200	0.63	0.05	0.06	0.000	0.000	5.420	0.38	1.04
2.00	1" Reinforcing plate	Yes	1.00	2.000	1.00	0.08	0.17	0.000	0.000	5.420	0.99	0.00
4.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	5.420	0.45	0.55
4.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	5.420	0.75	2.08
4.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	5.420	1.99	0.00
6.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	5.420	0.45	0.55
6.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	5.420	0.75	2.08
6.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	5.420	1.99	0.00
8.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	5.420	0.45	0.55
8.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	5.420	0.75	2.08
8.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	5.420	1.99	0.00
10.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	5.420	0.45	0.55
10.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	5.420	0.75	2.08
10.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	5.420	1.99	0.00
12.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	5.420	0.45	0.55
12.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	5.420	0.75	2.08
12.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	5.420	1.99	0.00
14.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	5.420	0.45	0.55
14.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	5.420	0.75	2.08
14.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	5.420	1.99	0.00
16.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	5.420	0.45	0.55
16.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	5.420	0.75	2.08
16.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	5.420	1.99	0.00
18.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	5.420	0.45	0.55
18.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	5.420	0.75	2.08
18.00	1" Reinforcing plate	Yes	2.00	2.000	1.00	0.17	0.33	0.000	0.000	5.420	1.99	0.00
18.25	Safety Cable	Yes	0.25	1.200	0.38	0.01	0.01	0.000	0.000	5.420	0.06	0.07
18.25	Step bolts (ladder)	Yes	0.25	1.200	0.63	0.01	0.02	0.000	0.000	5.420	0.09	0.26
18.25	1" Reinforcing plate	Yes	0.25	2.000	1.00	0.02	0.04	0.000	0.000	5.420	0.25	0.00
20.00	Safety Cable	Yes	1.75	1.200	0.38	0.06	0.07	0.000	0.000	5.420	0.40	0.48
20.00	Step bolts (ladder)	Yes	1.75	1.200	0.63	0.09	0.11	0.000	0.000	5.420	0.66	1.82
20.00	1" Reinforcing plate	Yes	1.75	2.000	1.00	0.15	0.29	0.000	0.000	5.420	1.74	0.00
22.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	5.420	0.45	0.55
22.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	5.420	0.75	2.08
24.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	5.420	0.45	0.55
24.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	5.420	0.75	2.08
26.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	5.420	0.45	0.55
26.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	5.420	0.75	2.08
28.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	5.420	0.45	0.55
28.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	5.420	0.75	2.08
30.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	5.476	0.46	0.55
30.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	5.476	0.76	2.08
32.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	5.574	0.47	0.55

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Linear Appurtenance Segment Forces (Factored)

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (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 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
32.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	5.574	0.77	2.08
34.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	5.669	0.47	0.55
34.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	5.669	0.79	2.08
36.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	5.760	0.48	0.55
36.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	5.760	0.80	2.08
38.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	5.847	0.49	0.55
38.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	5.847	0.81	2.08
40.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	5.931	0.50	0.55
40.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	5.931	0.82	2.08
42.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	6.012	0.50	0.55
42.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	6.012	0.83	2.08
44.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	6.091	0.51	0.55
44.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	6.091	0.84	2.08
46.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	6.167	0.52	0.55
46.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	6.167	0.85	2.08
48.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	6.241	0.52	0.55
48.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	6.241	0.87	2.08
48.75	Safety Cable	Yes	0.75	1.200	0.38	0.02	0.03	0.000	0.000	6.268	0.20	0.20
48.75	Step bolts (ladder)	Yes	0.75	1.200	0.63	0.04	0.05	0.000	0.000	6.268	0.33	0.78
50.00	Safety Cable	Yes	1.25	1.200	0.38	0.04	0.05	0.000	0.000	6.313	0.33	0.34
50.00	Step bolts (ladder)	Yes	1.25	1.200	0.63	0.07	0.08	0.000	0.000	6.313	0.55	1.30
52.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	6.383	0.53	0.55
52.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	6.383	0.88	2.08
53.25	Safety Cable	Yes	1.25	1.200	0.38	0.04	0.05	0.000	0.000	6.425	0.34	0.34
53.25	Step bolts (ladder)	Yes	1.25	1.200	0.63	0.07	0.08	0.000	0.000	6.425	0.56	1.30
54.00	Safety Cable	Yes	0.75	1.200	0.38	0.02	0.03	0.000	0.000	6.450	0.20	0.20
54.00	Step bolts (ladder)	Yes	0.75	1.200	0.63	0.04	0.05	0.000	0.000	6.450	0.34	0.78
56.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	6.517	0.54	0.55
56.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	6.517	0.90	2.08
58.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	6.581	0.55	0.55
58.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	6.581	0.91	2.08
60.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	6.644	0.56	0.55
60.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	6.644	0.92	2.08
62.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	6.706	0.56	0.55
62.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	6.706	0.93	2.08
64.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	6.766	0.57	0.55
64.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	6.766	0.94	2.08
66.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	6.825	0.57	0.55
66.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	6.825	0.95	2.08
68.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	6.882	0.58	0.55
68.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	6.882	0.95	2.08
70.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	6.939	0.58	0.55
70.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	6.939	0.96	2.08
72.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	6.994	0.58	0.55
72.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	6.994	0.97	2.08
74.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	7.048	0.59	0.55
74.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	7.048	0.98	2.08

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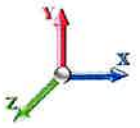
Linear Appurtenance Segment Forces (Factored)

Structure: CT13069-A
Site Name: Meriden
Height: 119.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 7/27/2023
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

SBA

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



Iterations 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
76.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	7.101	0.59	0.55
76.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	7.101	0.98	2.08
78.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	7.154	0.60	0.55
78.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	7.154	0.99	2.08
80.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	7.205	0.60	0.55
80.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	7.205	1.00	2.08
82.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	7.255	0.61	0.55
82.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	7.255	1.01	2.08
84.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	7.305	0.61	0.55
84.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	7.305	1.01	2.08
86.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	7.353	0.61	0.55
86.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	7.353	1.02	2.08
88.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	7.401	0.62	0.55
88.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	7.401	1.03	2.08
90.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	7.449	0.62	0.55
90.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	7.449	1.03	2.08
92.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	7.495	0.63	0.55
92.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	7.495	1.04	2.08
94.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	7.541	0.63	0.55
94.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	7.541	1.05	2.08
96.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	7.586	0.63	0.55
96.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	7.586	1.05	2.08
98.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	7.630	0.64	0.55
98.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	7.630	1.06	2.08
98.75	Safety Cable	Yes	0.75	1.200	0.38	0.02	0.03	0.000	0.000	7.646	0.24	0.20
98.75	Step bolts (ladder)	Yes	0.75	1.200	0.63	0.04	0.05	0.000	0.000	7.646	0.40	0.78
100.00	Safety Cable	Yes	1.25	1.200	0.38	0.04	0.05	0.000	0.000	7.674	0.40	0.34
100.00	Step bolts (ladder)	Yes	1.25	1.200	0.63	0.07	0.08	0.000	0.000	7.674	0.66	1.30
102.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	7.717	0.65	0.55
102.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	7.717	1.07	2.08
102.25	Safety Cable	Yes	0.25	1.200	0.38	0.01	0.01	0.000	0.000	7.722	0.08	0.07
102.25	Step bolts (ladder)	Yes	0.25	1.200	0.63	0.01	0.02	0.000	0.000	7.722	0.13	0.26
104.00	Safety Cable	Yes	1.75	1.200	0.38	0.06	0.07	0.000	0.000	7.759	0.57	0.48
104.00	Step bolts (ladder)	Yes	1.75	1.200	0.63	0.09	0.11	0.000	0.000	7.759	0.94	1.82
106.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	7.801	0.65	0.55
106.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	7.801	1.08	2.08
108.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	7.843	0.66	0.55
108.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	7.843	1.09	2.08
110.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	7.884	0.66	0.55
110.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	7.884	1.09	2.08
112.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	7.924	0.66	0.55
112.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	7.924	1.10	2.08
114.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	7.964	0.67	0.55
114.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	7.964	1.10	2.08
116.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	8.003	0.67	0.55
116.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	8.003	1.11	2.08
118.00	Safety Cable	Yes	2.00	1.200	0.38	0.06	0.08	0.000	0.000	8.042	0.67	0.55

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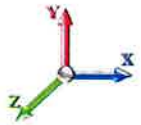
Linear Appurtenance Segment Forces (Factored)

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 55	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
118.00	Step bolts (ladder)	Yes	2.00	1.200	0.63	0.10	0.13	0.000	0.000	8.042	1.11	2.08
										Totals:	**106.3**	**154.9**

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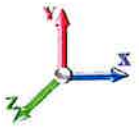
Calculated Forces

Structure: CT13069-A
Site Name: Meriden
Height: 119.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 7/27/2023
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 25

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-25.59	-4.39	-0.17	-399.19	0.00	399.19	2063.18	598.93	2137.28	1829.55	0.00	0.000	0.000	0.193
1.00	-25.45	-4.38	-0.17	-394.80	0.00	394.80	2059.52	596.68	2121.21	1819.38	0.00	-0.012	0.000	0.160
2.00	-25.30	-4.37	-0.17	-390.43	0.00	390.43	2055.83	594.42	2105.21	1809.22	0.00	-0.022	0.000	0.159
4.00	-25.01	-4.35	-0.17	-381.69	0.00	381.69	2048.36	589.91	2073.38	1788.88	0.02	-0.041	0.000	0.157
6.00	-24.72	-4.33	-0.17	-372.99	0.00	372.99	2040.76	585.40	2041.79	1768.54	0.04	-0.061	0.000	0.155
8.00	-24.44	-4.30	-0.17	-364.34	0.00	364.34	2033.04	580.89	2010.44	1748.19	0.07	-0.081	0.000	0.152
10.00	-24.16	-4.28	-0.17	-355.74	0.00	355.74	2025.20	576.38	1979.33	1727.84	0.11	-0.100	0.000	0.150
12.00	-23.87	-4.26	-0.17	-347.17	0.00	347.17	2017.23	571.87	1948.47	1707.49	0.15	-0.120	0.000	0.148
14.00	-23.59	-4.24	-0.17	-338.65	0.00	338.65	2009.13	567.35	1917.85	1687.14	0.21	-0.139	0.000	0.146
16.00	-23.31	-4.22	-0.17	-330.18	0.00	330.18	2000.92	562.84	1887.48	1666.80	0.27	-0.158	0.000	0.143
18.00	-23.04	-4.19	-0.17	-321.75	0.00	321.75	1992.57	558.33	1857.34	1646.46	0.34	-0.178	0.000	0.141
18.25	-23.00	-4.19	-0.17	-320.70	0.00	320.70	1991.52	557.77	1853.59	1643.92	0.35	-0.180	0.000	0.141
18.25	-23.00	-4.19	-0.17	-320.70	0.00	320.70	1991.52	557.77	1853.59	1643.92	0.35	-0.180	0.000	0.141
20.00	-22.76	-4.17	-0.17	-313.37	0.00	313.37	1984.11	553.82	1827.45	1626.14	0.42	-0.197	0.000	0.204
22.00	-22.49	-4.16	-0.17	-305.02	0.00	305.02	1975.52	549.31	1797.80	1605.83	0.51	-0.225	0.000	0.201
24.00	-22.22	-4.14	-0.17	-296.71	0.00	296.71	1966.80	544.80	1768.39	1585.53	0.61	-0.252	0.000	0.198
26.00	-21.95	-4.12	-0.17	-288.43	0.00	288.43	1957.96	540.29	1739.23	1565.25	0.72	-0.280	0.000	0.196
28.00	-21.68	-4.11	-0.17	-280.18	0.00	280.18	1948.99	535.78	1710.31	1544.99	0.84	-0.308	0.000	0.193
30.00	-21.41	-4.09	-0.17	-271.97	0.00	271.97	1939.91	531.27	1681.63	1524.76	0.98	-0.335	0.000	0.189
32.00	-21.15	-4.07	-0.17	-263.79	0.00	263.79	1930.69	526.75	1653.19	1504.55	1.13	-0.363	0.000	0.186
34.00	-20.88	-4.05	-0.17	-255.65	0.00	255.65	1921.36	522.24	1624.99	1484.36	1.28	-0.390	0.000	0.183
36.00	-20.62	-4.03	-0.17	-247.55	0.00	247.55	1911.89	517.73	1597.04	1464.21	1.45	-0.417	0.000	0.180
38.00	-20.36	-4.01	-0.17	-239.48	0.00	239.48	1902.31	513.22	1569.33	1444.09	1.63	-0.444	0.000	0.177
40.00	-20.10	-4.00	-0.17	-231.45	0.00	231.45	1892.60	508.71	1541.86	1424.00	1.82	-0.471	0.000	0.173
42.00	-19.85	-3.98	-0.17	-223.46	0.00	223.46	1882.76	504.20	1514.64	1403.96	2.03	-0.497	0.000	0.170
44.00	-19.59	-3.95	-0.17	-215.51	0.00	215.51	1872.80	499.69	1487.66	1383.95	2.24	-0.523	0.000	0.166
46.00	-19.34	-3.93	-0.17	-207.60	0.00	207.60	1862.72	495.18	1460.92	1363.99	2.47	-0.549	0.000	0.163
48.00	-19.09	-3.91	-0.17	-199.73	0.00	199.73	1852.51	490.67	1434.42	1344.07	2.70	-0.575	0.000	0.159
48.75	-19.00	-3.90	-0.17	-196.80	0.00	196.80	1848.65	488.97	1424.55	1336.61	2.79	-0.585	0.000	0.158
50.00	-18.72	-3.89	-0.17	-191.92	0.00	191.92	1842.18	486.15	1408.17	1324.20	2.95	-0.601	0.000	0.155
52.00	-18.29	-3.86	-0.17	-184.14	0.00	184.14	1831.72	481.64	1382.15	1304.37	3.21	-0.626	0.000	0.151
53.25	-18.01	-3.85	-0.17	-179.32	0.00	179.32	1841.33	485.79	1406.04	1322.58	3.37	-0.641	0.000	0.145
54.00	-17.92	-3.84	-0.17	-176.43	0.00	176.43	1837.42	484.09	1396.26	1315.14	3.47	-0.651	0.000	0.144
56.00	-17.67	-3.82	-0.17	-168.75	0.00	168.75	1826.91	479.58	1370.36	1295.34	3.75	-0.674	0.000	0.140
58.00	-17.43	-3.79	-0.17	-161.12	0.00	161.12	1816.27	475.07	1344.70	1275.60	4.04	-0.697	-0.001	0.136
60.00	-17.19	-3.77	-0.17	-153.54	0.00	153.54	1805.51	470.56	1319.28	1255.91	4.34	-0.719	-0.001	0.132
62.00	-16.95	-3.74	-0.17	-146.00	0.00	146.00	1794.62	466.05	1294.11	1236.28	4.64	-0.741	-0.001	0.128
64.00	-16.71	-3.72	-0.17	-138.52	0.00	138.52	1783.61	461.54	1269.18	1216.72	4.96	-0.763	-0.001	0.123
66.00	-16.47	-3.69	-0.17	-131.08	0.00	131.08	1772.48	457.03	1244.49	1197.22	5.28	-0.784	-0.001	0.119
68.00	-16.24	-3.67	-0.17	-123.70	0.00	123.70	1761.22	452.52	1220.04	1177.78	5.61	-0.804	-0.001	0.114
70.00	-16.00	-3.64	-0.17	-116.36	0.00	116.36	1749.83	448.01	1195.84	1158.41	5.96	-0.824	-0.001	0.110
72.00	-15.77	-3.61	-0.17	-109.08	0.00	109.08	1738.33	443.49	1171.88	1139.12	6.30	-0.843	-0.001	0.105
74.00	-15.54	-3.59	-0.17	-101.85	0.00	101.85	1726.69	438.98	1148.16	1119.90	6.66	-0.862	-0.001	0.100
76.00	-15.31	-3.56	-0.17	-94.68	0.00	94.68	1714.94	434.47	1124.68	1100.75	7.03	-0.880	-0.001	0.095
78.00	-15.09	-3.53	-0.17	-87.55	0.00	87.55	1703.06	429.96	1101.45	1081.68	7.40	-0.897	-0.001	0.090
80.00	-14.86	-3.51	-0.17	-80.49	0.00	80.49	1691.05	425.45	1078.46	1062.70	7.78	-0.913	-0.001	0.085
82.00	-14.64	-3.48	-0.17	-73.47	0.00	73.47	1678.92	420.94	1055.71	1043.80	8.16	-0.928	-0.001	0.079
84.00	-14.42	-3.45	-0.17	-66.51	0.00	66.51	1666.67	416.43	1033.20	1024.99	8.56	-0.943	-0.001	0.074

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Calculated Forces

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 57

86.00	-11.85	-2.89	-0.17	-59.61	0.00	59.61	1654.29	411.92	1010.94	1006.26	8.95	-0.956	-0.001	0.066
88.00	-11.63	-2.86	-0.17	-53.82	0.00	53.82	1641.79	407.41	988.92	987.63	9.36	-0.969	-0.001	0.062
90.00	-11.42	-2.83	-0.17	-48.10	0.00	48.10	1629.16	402.89	967.14	969.09	9.77	-0.980	-0.001	0.057
92.00	-11.21	-2.81	-0.17	-42.43	0.00	42.43	1616.41	398.38	945.60	950.64	10.18	-0.991	-0.001	0.052
94.00	-10.99	-2.78	-0.17	-36.82	0.00	36.82	1603.53	393.87	924.31	932.30	10.60	-1.000	-0.001	0.046
96.00	-8.42	-2.09	0.00	-31.26	0.00	31.26	1590.53	389.36	903.25	914.06	11.02	-1.009	-0.001	0.040
98.00	-8.22	-2.06	0.00	-27.08	0.00	27.08	1577.41	384.85	882.45	895.92	11.44	-1.016	-0.001	0.035
98.75	-8.15	-2.05	0.00	-25.53	0.00	25.53	1572.46	383.16	874.71	889.15	11.60	-1.019	-0.001	0.034
100.00	-7.96	-2.03	0.00	-22.96	0.00	22.96	1564.16	380.34	861.88	877.89	11.87	-1.023	-0.001	0.031
102.00	-7.65	-2.00	0.00	-18.90	0.00	18.90	1550.79	375.83	841.56	859.97	12.30	-1.029	-0.001	0.027
102.25	-7.61	-2.00	0.00	-18.40	0.00	18.40	1064.30	286.02	649.87	600.31	12.35	-1.030	-0.001	0.038
104.00	-7.48	-1.97	0.00	-14.90	0.00	14.90	1057.83	283.06	636.49	590.45	12.73	-1.034	-0.001	0.032
106.00	-4.51	-1.14	0.00	-10.96	0.00	10.96	1050.33	279.67	621.36	579.20	13.17	-1.039	-0.001	0.023
108.00	-4.37	-1.12	0.00	-8.67	0.00	8.67	1042.70	276.29	606.42	567.99	13.60	-1.043	-0.001	0.019
110.00	-4.24	-1.09	0.00	-6.44	0.00	6.44	1034.95	272.91	591.66	556.81	14.04	-1.046	-0.001	0.016
112.00	-4.10	-1.06	0.00	-4.27	0.00	4.27	1027.07	269.52	577.08	545.68	14.48	-1.048	-0.001	0.012
114.00	-3.97	-1.03	0.00	-2.15	0.00	2.15	1019.06	266.14	562.68	534.58	14.92	-1.049	-0.001	0.008
116.00	-0.15	-0.04	0.00	-0.09	0.00	0.09	1010.94	262.76	548.47	523.52	15.36	-1.050	-0.001	0.000
118.00	-0.05	-0.01	0.00	-0.01	0.00	0.01	1002.69	259.37	534.43	512.52	15.80	-1.050	-0.001	0.000
119.00	0.00	-0.01	0.00	0.00	0.00	0.00	998.51	257.68	527.49	507.03	16.02	-1.050	-0.001	0.000

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Final Analysis Summary

Structure:	CT13069-A	**Code:**	TIA-222-H	7/27/2023	
Site Name:	Meriden	**Exposure:**	B		
Height:	119.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 58	

Reactions

Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)
1.2D + 1.0W 119 mph Wind	19.3	0.00	30.70	0.01	0.75	1769.71
0.9D + 1.0W 119 mph Wind	19.3	0.00	23.02	0.01	0.75	1745.23
1.2D + 1.0Di + 1.0Wi 50 mph Wind	5.7	0.00	41.87	0.00	0.16	508.41
1.2D + 1.0Ev + 1.0Eh	0.4	0.00	31.86	0.00	0.00	45.80
0.9D + 1.0Ev + 1.0Eh	0.4	0.00	24.14	0.00	0.00	45.05
1.0D + 1.0W 60 mph Wind	4.4	0.00	25.59	0.00	0.17	399.19

Max Stresses

Load Case	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Elev (ft)	Stress Ratio
1.2D + 1.0W 119 mph Wind	-27.04	-18.43	-0.75	-1391.5	-0.01	-1391.5	1984.11	553.82	1827.45	1626.14	20.00	0.870
0.9D + 1.0W 119 mph Wind	-20.21	-18.31	-0.75	-1368.2	-0.01	-1368.2	1984.11	553.82	1827.45	1626.14	20.00	0.853
1.2D + 1.0Di + 1.0Wi 50 mph Wind	-37.43	-5.42	-0.16	-396.40	0.00	-396.40	1984.11	553.82	1827.45	1626.14	20.00	0.263
1.2D + 1.0Ev + 1.0Eh	-28.36	-0.42	0.00	-37.56	0.00	-37.56	1984.11	553.82	1827.45	1626.14	20.00	0.037
0.9D + 1.0Ev + 1.0Eh	-21.49	-0.41	0.00	-36.86	0.00	-36.86	1984.11	553.82	1827.45	1626.14	20.00	0.034
1.0D + 1.0W 60 mph Wind	-22.76	-4.17	-0.17	-313.37	0.00	-313.37	1984.11	553.82	1827.45	1626.14	20.00	0.204

Additional Steel Summary

			Intermediate Connectors			Lower Termination				Upper Termination				Max Member			
Elev From (ft)	Elev To (ft)	Member	VQ/I (lb/in)	Vu (kips)	phi Vn (kips)	MQ/I (kips)	phi Vn (kips)	Num Reqd	Num Actual	MQ/I (kips)	phi Vn (kips)	Num Reqd	Num Actual	Pu (kips)	phi Pn (kips)	phi Tn (kips)	Ratio
0.0	1.0	(3) SOL-1 3/4" William R71	-212.6	-2.55	25.3	126.4	25.3	6	0	231.8	25.3			126.38	288.5	298.82	0.438
1.0	18.3	(3) LNP-LP6X100-B-20T	-228.3	-5.48	25.3	231.8	25.3			210.9	22.7	10	11	231.82	297.8	292.50	0.793

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Base Plate Summary

Structure:	CT13069-A		**Code:**	TIA-222-H	7/27/2023
Site Name:	Meriden		**Exposure:**	B	
Height:	119.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 59

SBA

Reactions		Base Plate		Anchor Bolts	
Original Design		**Yield (ksi):**	60.00	**Bolt Circle:**	49.12
Moment (kip-ft):	1627.50	**Width (in):**	47.00	**Number Bolts:**	8.00
Axial (kip):	26.65	**Style:**	Clipped	**Bolt Type:**	2.25" 18J
Shear (kip):	19.08	**Polygon Sides:**	0.00	**Bolt Diameter (in):**	2.25
		Clip Length (in):	7.00	**Yield (ksi):**	75.00
Analysis (1.2D + 1.0W)				**Ultimate (ksi):**	100.00
Moment (kip-ft):	1769.71	**Effective Len (in):**	12.84	**Arrangement:**	Clustered
Axial (kip):	30.70	**Moment (kip-in):**	470.57	**Cluster Dist (in):**	6.00
Shear (kip):	19.30	**Allow Stress (ksi):**	81.00	**Start Angle (deg):**	45.00
		Applied Stress (ksi):	43.74	Compression	
		Stress Ratio:	0.54	**Force (kip):**	160.95
				Allowable (kip):	268.39
				Ratio:	0.60
				Tension	
				Force (kip):	153.27
				Allowable (kip):	243.75
				Ratio:	0.63

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Monopole Mat Foundation Design

				Date
				7/25/2023
Customer Name:	Verizon	TIA Standard:	TIA-222-H
Site Name:		Structure Height (Ft.):	120
Site Number:	CT13069-A	Engineer Name:	SBA Engineer
Engr. Number:		Engineer Login ID:	

Foundation Info Obtained from: Drawings/Calculations

Structure Type: Monopole

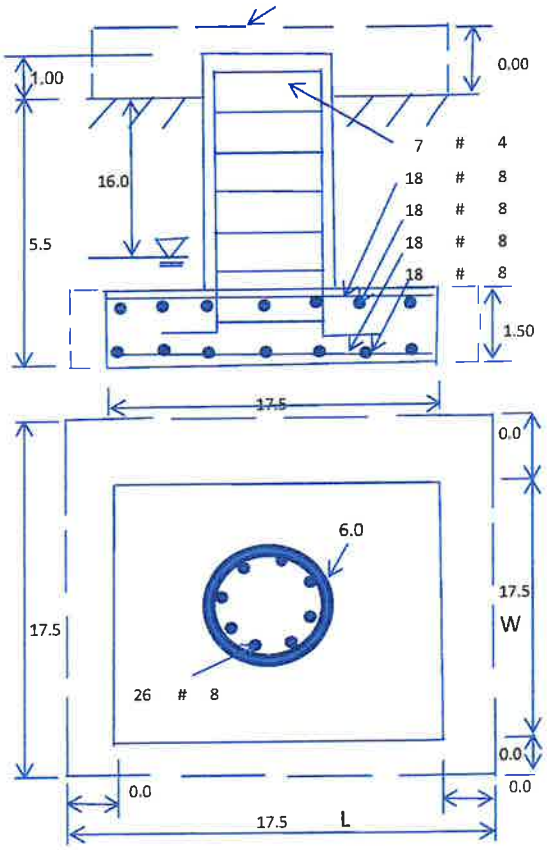
Analysis or Design? Analysis

Base Reactions (Factored):

Axial Load (Kips):	30.7	Shear Force (Kips):	19.3
Uplift Force (Kips):	0.0	Moment (Kips-ft):	1769.7

Foundation Geometries:

		Mods required -Yes/No ?:	No
Diameter of Pier (ft.):	6.0	Depth of Base BG (ft.):	5.5
Pier Height A. G. (ft.):	1.00	Thickness of Pad (ft):	1.50
Length of Pad (ft.):	17.5	Width of Pad (ft.):	17.5
Final Length of pad (ft)	17.5	Final width of pad (ft):	17.5



Material Properties and Reabr Info:

Concrete Strength (psi):	4000	Steel Elastic Modulus:	29000	ksi
Vertical bar yield (ksi)	60	Tie steel yield (ksi):	60	
Vertical Rebar Size #:	8	Tie / Stirrup Size #:	4	
Qty. of Vertical Rebars:	26	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):	18	Qty. of Rebar in Pad (W):	18	
Rebar at the top of the concrete pad:				
Qty. of Rebar in Pad (L):	18	Qty. of Rebar in Pad (W):	18	

Soil Design Parameters:

Soil Unit Weight (pcf):	120.0	Soil Buoyant Weight:	57.6	Pcf		
Water Table B.G.S. (ft):	16.0	Unit Weight of Water:	62.4	pcf	Angle from Top of Pad:	30
Ultimate Bearing Pressure (psf):	12000	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.):	1111.90	Total Dry Soil Weight (Kips):	133.43
Total Buoyant Soil Volume (cu. Ft.):	0.00	Total Buoyant Soil Weight (Kips):	0.00
Total Effective Soil Weight (Kips):	133.43	Weight from the Concrete Block at Top (K):	0.00
Total Dry Concrete Volume (cu. Ft.):	600.75	Total Dry Concrete Weight (Kips):	90.11
Total Buoyant Concrete Volume (cu. Ft.):	0.00	Total Buoyant Concrete Weight (Kips):	0.00
Total Effective Concrete Weight (Kips):	90.11	Total Vertical Load on Base (Kips):	254.24

Check Soil Capacities:

				Load/ Capacity Ratio	
Calculated Maxium Net Soil Pressure under the base (psf):	4686	<	Allowable Factored Soil Bearing (psf): 9000	0.52	OK!
Allowable Foundation Overturning Resistance (kips-ft.):	2029.0	>	Design Factored Momont (kips-ft): 1895	0.93	OK!
Factor of Safety Against Overturning (O. R. Moment/Design Moment):	1.07	OK!			

Check the capacities of Reinforceing Concrete:

Strength reduction factor (Flexure and axial tension):	0.90		Strength reduction factor (Shear):	0.75		
Strength reduction factor (Axial compresion):	0.65		Wind Load Factor on Concrete Design:	1.00		
					Load/ Capacity Ratio	
(1) Concrete Pier:						
Vertical Steel Rebar Area (sq. in./each):	0.79		Tie / Stirrup Area (sq. in./each):	0.20		
Calculated Moment Capacity (Mn,Kips-Ft):	2994.3	>	Design Factored Moment (Mu, Kips-Ft	1866.2	0.62	OK!
Calculated Shear Capacity (Kips):	501.5	>	Design Factored Shear (Kips):	19.3	0.04	OK!
Calculated Tension Capacity (Tn, Kips):	1109.2	>	Design Factored Tension (Tu Kips):	0.0	0.00	OK!
Calculated Compression Capacity (Pn, Kips):	7162.1	>	Design Factored Axial Load (Pu Kips):	30.7	0.00	OK!
Moment & Axial Strength Combination:	0.62	OK!	Check Tie Spacing (Design/Required):		1	OK!
Pier Reinforcement Ratio:	0.005		Reinforcement Ratio is satisfied per ACI			
(2).Concrete Pad:						
One-Way Design Shear Capacity (L-Direction, Kips):	288.9	>	One-Way Factored Shear (L-D. Kips):	167.7	0.58	OK!
One-Way Design Shear Capacity (W-Direction, Kips):	288.9	>	One-Way Factored Shear (W-D., Kips)	167.7	0.58	OK!
One-Way Design Shear Capacity (Corner-Corner. Kips):	269.6	>	One-Way Factored Shear (C-C, Kips):	172.7	0.64	OK!
Lower Steel Pad Reinforcement Ratio (L-Direct.):	0.0047	OK!	Lower Steel Pad Reinf. Ratio (W-Direc	0.0047		
Lower Steel Pad Moment Capacity (L-Direction. Kips-ft):	889.6	>	Moment at Bottom (L-Dir. K-Ft):	511.5	0.57	OK!
Lower Steel Pad Moment Capacity (W-Direction. Kips-ft):	889.6	>	Moment at Bottom (W-Dir. K-Ft):	511.5	0.57	OK!
Lower Steel Pad Moment Capacity (Corner-Corner,K-ft):	1240.8	>	Moment at Bottom (C-C Dir. K-Ft):	723.4	0.58	OK!
Upper Steel Pad Reinforcement Ratio (L-Direct.):	0.0047	OK!	Upper Steel Reinf. Ratio (W-Dir.):	0.0047		
Upper Steel Pad Moment Capacity (L-Direc. Kips-ft):	889.6	>	Moment at the top (L-Dir K-Ft):	228.6	0.26	OK!
Upper Steel Pad Moment Capacity (W-Direc. Kips-ft):	889.6	>	Moment at the top (W-Dir K-Ft):	228.6	0.26	OK!
Upper Steel Pad Moment Capacity (Corner-Corner. K-ft):	1240.8	>	Moment at the top (C-C Dir. K-Ft):	217.0	0.17	OK!

(3).Check Punching Shear Capacity due to Moment in the Pier:

Moment transferred by punching shear:	707.9	k-ft.	Max. factored shear stress v_{u_CD}:	2.0	Psi
Max. factored shear stress v_{u_AB}:	15.3	Psi	Factored shear Strength ϕv_n:	189.7	Psi
Max. factored shear stress v_u:	15.3	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:	530.9	k-ft.	Effective Width for resisting OT moment:	10.5	ft.
Calculated number of Rebar in Effective width:	11		Actual number of Rebar in Effective width:	11	
Steel Pad Moment Capacity (L-Direc. Kips-ft):	543.2	k-ft.	Check Usage of the Flexure Capacity:	0.98	OK!

Colliers Engineering & Design CT, P.C.
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Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207129
Colliers Engineering & Design CT, P.C. Project #: 23777149

July 24, 2023

Site Information	*Site ID:*	*5000382428-VZW / MERIDEN SE CT*
	Site Name:	*MERIDEN SE CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*651 Paddock Ave* *Meriden, Connecticut 06450* *New Haven County*
	Latitude:	*41.512656°*
	Longitude:	*-72.779936°*
Structure Information	*Tower Type:*	*120-Ft Monopole*
	Mount Type:	*12.58-Ft Platform*

FUZE ID # 17123794

Analysis Results

Platform: **43.6% Pass***

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

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

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

Report Prepared By: Grant Walters

Digitally signed by Derek Hartzell
Date: 2023.07.24 12:11:31-07'00'

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: 324333, Dated December 18, 2020*
Mount Mapping Report	*Delta Oaks Group, Site ID: 469355, dated February 23, 2021*
Previous Mount Modification	*Maser Consulting Connecticut, Project #: 20777580 Dated April 29, 2021*
Previous Post Modification Inspection	*Colliers Engineering & Design CT, P.C. Project #: 20777580 Dated June 23, 2023*
Filter Add Scope	*Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.988
Seismic Parameters:	S_S:	0.203 g
	S_1:	0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
106.00	107.00	6	Commscope	JAHH-65B-R3B	Retained
		3	Samsung	MT6407-77A	
		3	Commscope	CBC78T-DS-43-2X	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	RRFDC-3315-PF-48	
		2	KAelus	KA-6030	Added

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

Model Number	Ports	AKA
DB-B1-6C-24AB-0Z	6	OVP-6
RVZDC-6627-PF-48	12	OVP-12

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Standoff Arm	14.0 %	Pass
Standoff Horizontal	4.7 %	Pass
Platform Support Plates	13.7 %	Pass
Platform Angle	9.0 %	Pass
Face Horizontal	9.9 %	Pass
Antenna pipe	19.8 %	Pass
Pipe2.5	17.6 %	Pass
Corner Angle	26.8 %	Pass
Support Rail	11.0 %	Pass
Support Rail Corner	19.2 %	Pass
Kickers	8.1 %	Pass
Mount Connection	43.6 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**43.6%**

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

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	30.4	30.4	48.4	48.4
0.5	39.9	39.9	65.1	65.1
1	48.3	48.3	80.7	80.7

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

Requirements:

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

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

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

---

MDG #: 5000382428 SMART Project #: 10207129 Fuze Project ID: 17123794

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

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

Base Requirements:

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

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

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

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

OR

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

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

Issue:

Response:

Special Instruction Confirmation:

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

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

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

OR

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

Comments:

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

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

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

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

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

Structure: 5000382428-VZW - MERIDEN SE CT

Sector: A

Structure Type: Monopole

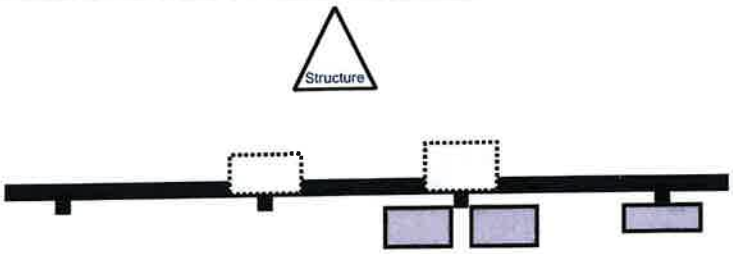
Mount Elev: 106.00

10207129

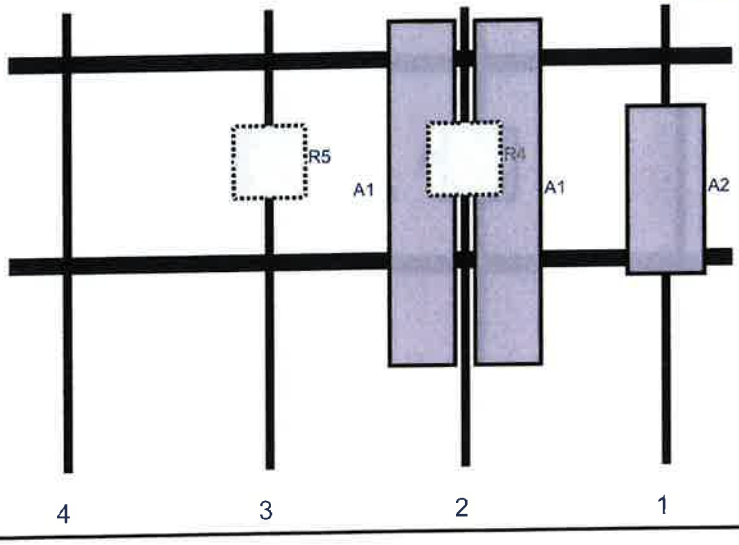
7/20/2023

Colliers Engineering & Design

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	MT6407-77A	35.1	16.1	137	1	a	Front	38.64	0	Retained	12/19/2022
A1	JAHH-65B-R3B	72	13.8	95	2	a	Front	38.76	9	Retained	12/19/2022
A1	JAHH-65B-R3B	72	13.8	95	2	b	Front	38.76	-9	Retained	12/19/2022
R4	B2/B66A RRH-BR049	15	15	95	2	a	Behind	31.68	0	Retained	12/19/2022
R5	B5/B13 RRH-BR04C	15	15	54	3	a	Behind	31.68	0	Retained	12/19/2022
M82	CBC78T-DS-43-2X	6.4	6.9		Member					Retained	12/19/2022
OVP2	RRFDC-3315-PF-48	19.1	15.7		Member					Retained	12/19/2022
M200	Alpha	6.4	6.9		Member					Retained	12/19/2022
M91	beta	6.4	6.9		Member					Retained	12/19/2022
OVP1	RRFDC-3315-PF-48	19.1	15.7		Member					Retained	12/19/2022

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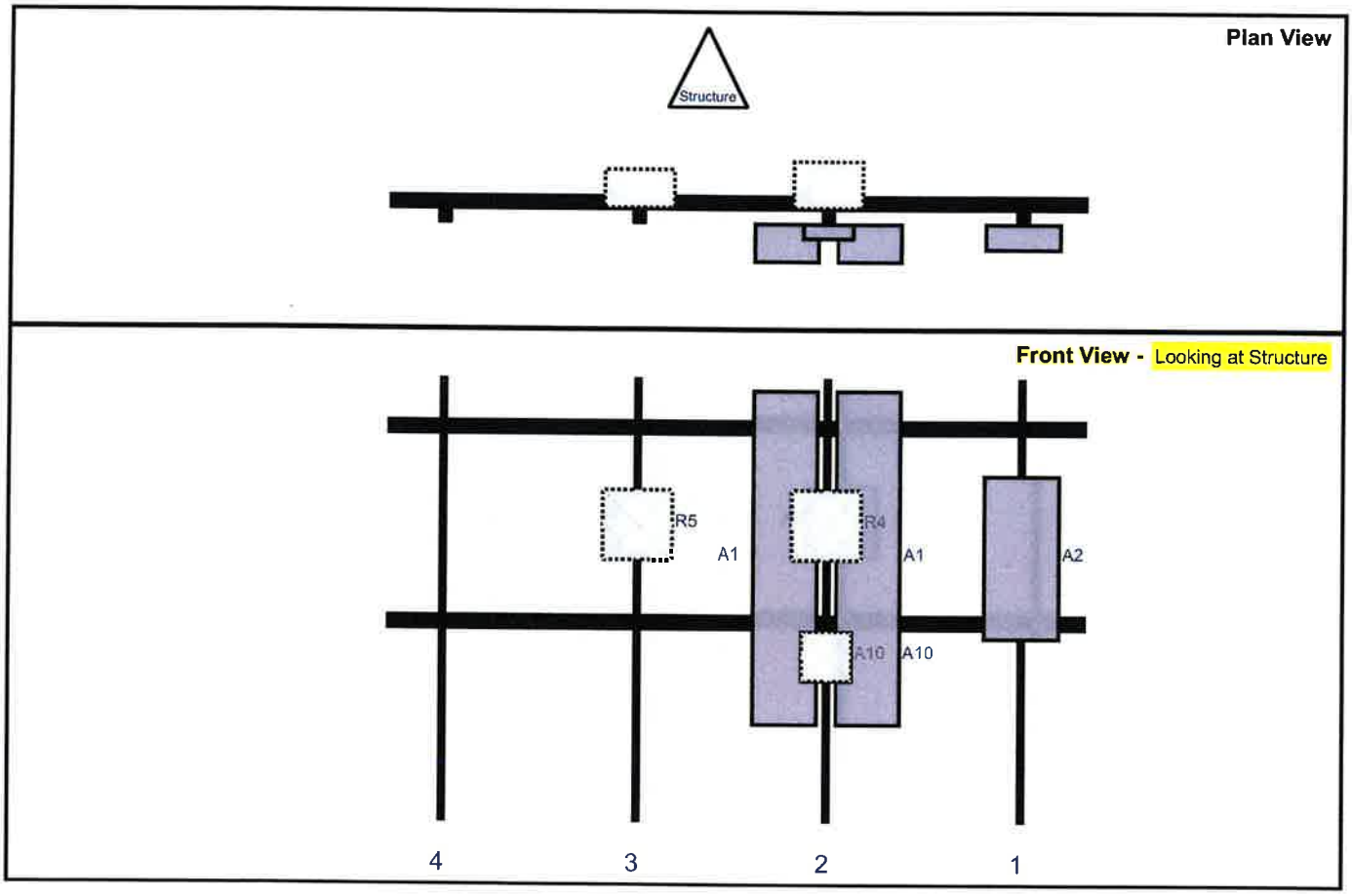

Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	MT6407-77A	35.1	16.1	137	1	a	Front	38.64	0	Retained	12/19/2022
A1	JAHH-65B-R3B	72	13.8	95	2	a	Front	38.76	9	Retained	12/19/2022
A1	JAHH-65B-R3B	72	13.8	95	2	b	Front	38.76	-9	Retained	12/19/2022
R4	B2/B66A RRH-BR049	15	15	95	2	a	Behind	31.68	0	Retained	12/19/2022
A10	KA-6030	10.6	10.9	95	2	a	Front	60	0	Added	
A10	KA-6030	10.6	10.9	95	2	b	Behind	60	0	Added	
R5	B5/B13 RRH-BR04C	15	15	54	3	a	Behind	31.68	0	Retained	12/19/2022

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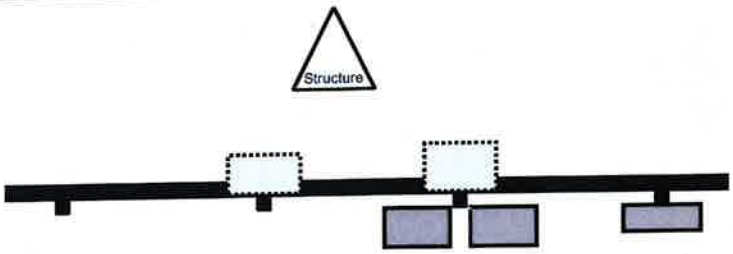
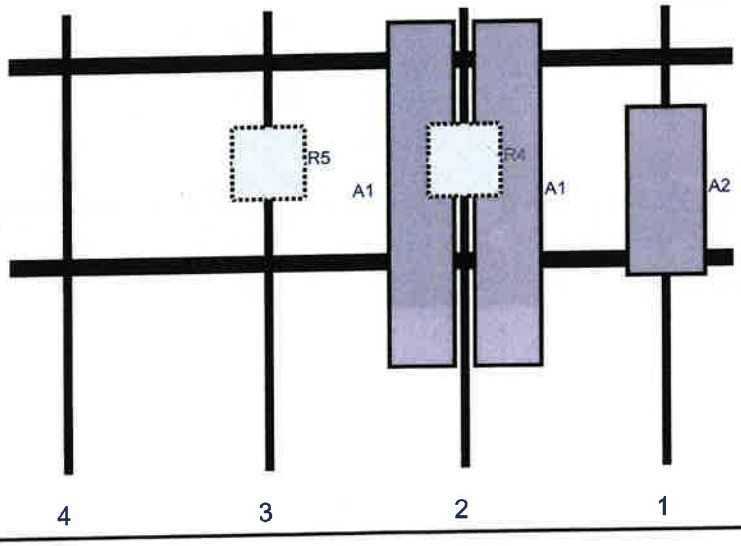
Colliers Engineering & Design

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	MT6407-77A	35.1	16.1	137	1	a	Front	38.64	0	Retained	12/19/2022
A1	JAHH-65B-R3B	72	13.8	95	2	a	Front	38.76	9	Retained	12/19/2022
A1	JAHH-65B-R3B	72	13.8	95	2	b	Front	38.76	-9	Retained	12/19/2022
R4	B2/B66A RRH-BR049	15	15	95	2	a	Behind	31.68	0	Retained	12/19/2022
R5	B5/B13 RRH-BR04C	15	15	54	3	a	Behind	31.68	0	Retained	12/19/2022

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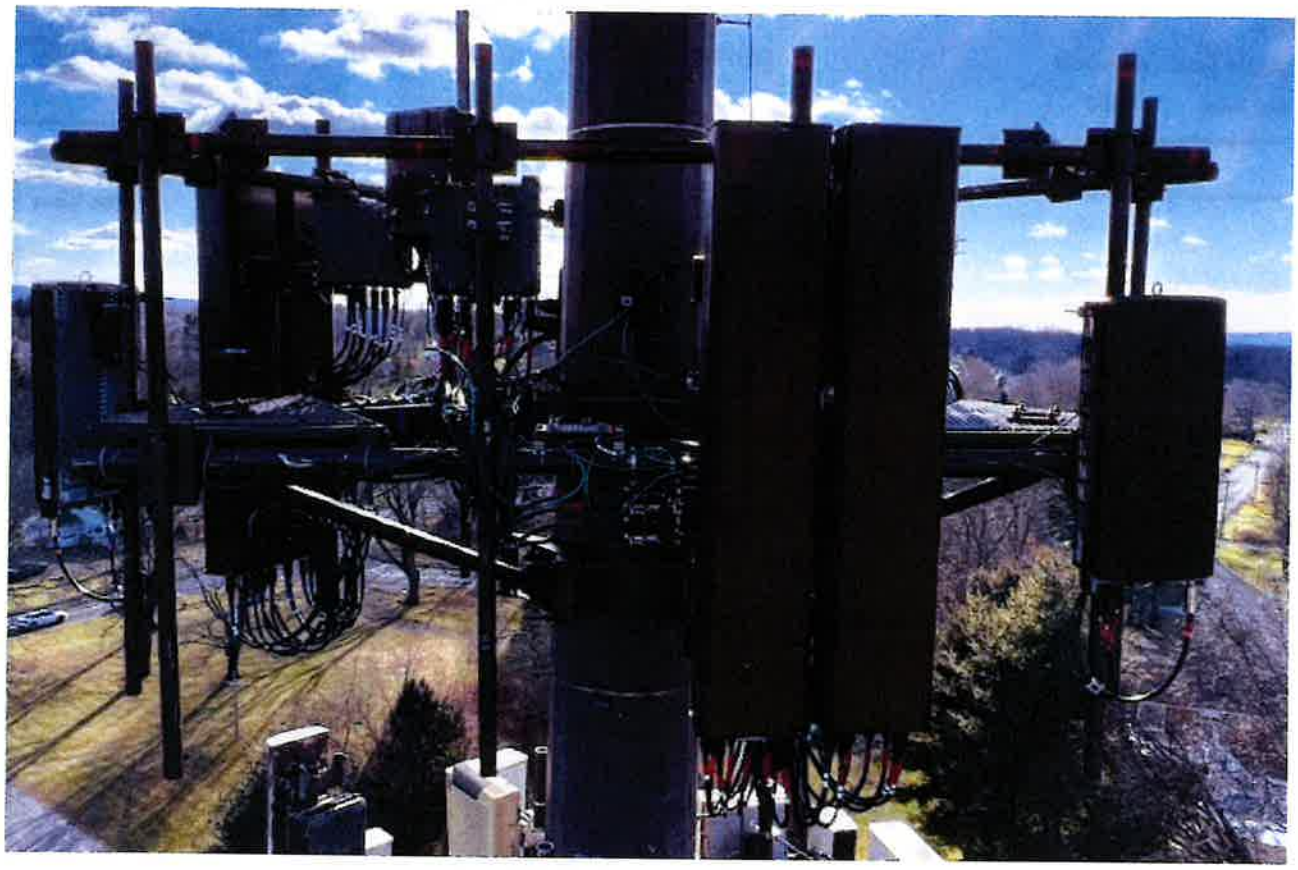

V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

FCC # 1261171

Tower Owner:	SBA	Mapping Date:	2/23/2021
Site Name:	Meriden SE	Tower Type:	Monopole
Site Number or ID:	469355	Tower Height (Ft.):	120
Mapping Contractor:	Delta Oaks Group	Mount Elevation (Ft.):	106

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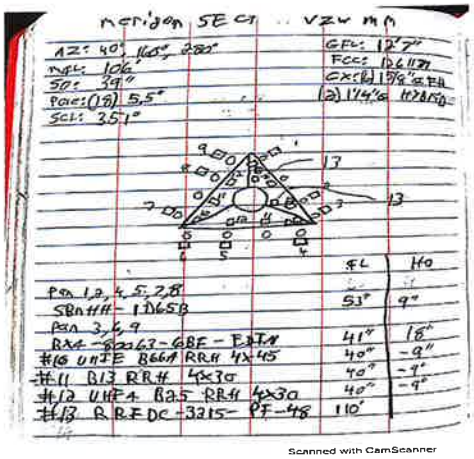
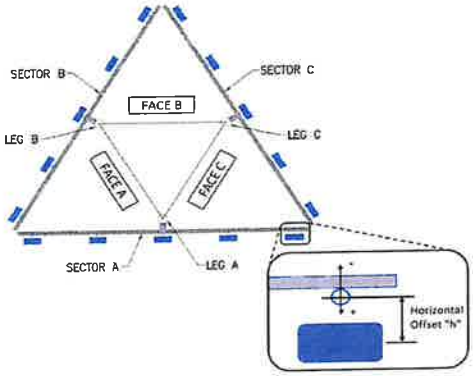


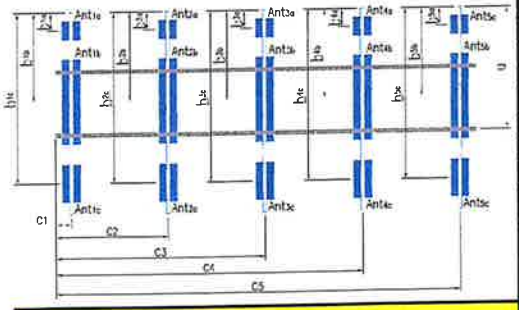
Scanned with CamScanner

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	2.4"x.156"x96"	52.75	14.00	C1	2.4"x.156"x96"	52.75	14.00
A2	2.4"x.156"x96"	52.75	56.50	C2	2.4"x.156"x96"	52.75	56.50
A3	2.4"x.156"x96"	52.75	97.00	C3	2.4"x.156"x96"	52.75	97.00
A4	2.4"x.156"x96"	52.75	139.00	C4	2.4"x.156"x96"	52.75	139.00
A5				C5			
A6				C6			
B1	2.4"x.156"x96"	52.75	14.00	D1			
B2	2.4"x.156"x96"	52.75	56.50	D2			
B3	2.4"x.156"x96"	52.75	97.00	D3			
B4	2.4"x.156"x96"	52.75	139.00	D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	0.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	8
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	6
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.): 31.5



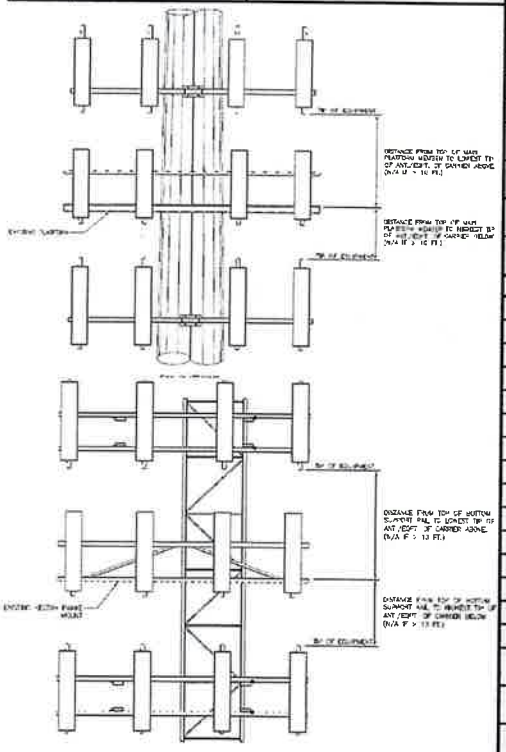


Antenna Layout (Looking Out From Tower)

Ants. items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances "b_{1a}, b_{2a}, b_{3a}, b_{1b},..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
	Sector A									
Ant_{1a}	B66A RRH 4X45	11.80	7.20	25.80	FH, (2) 1-1	107.063	40.00	-9.00		152
Ant_{1b}	SBNHH-1D65C	11.90	7.10	96.50		105.979	53.00	9.00	40.00	56
Ant_{1c}										
Ant_{2a}	B13 RRH 4X30	11.80	7.50	20.90		107.063	40.00	-9.00		154
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	UHFA B25 RRH 4X30	12.00	7.20	21.20		107.063	40.00	-9.00		158
Ant_{3b}	SBNHH-1D65C	11.90	7.10	96.50		105.979	53.00	9.00	40.00	58
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	BXA-80063-6BF-EDIN	11.20	5.20	94.70		106.979	41.00	18.00	40.00	60
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	RRFDC-3315-PF-48	15.73	10.25	25.66		110				163
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	40.00	Deg	Leg A:		Deg
Sector B:	160.00	Deg	Leg B:		Deg
Sector C:	280.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	351.00	Deg	Outside Face C
Climbing Facility	Corrosion Type:		
	Access:		
	Condition:		



Sector B											
Ant_{1a}	B66A RRH 4X45	11.80	7.20	25.80		107.063	40.00	-9.00		161
Ant_{1b}	SBNHH-1D65C	11.90	7.10	96.50		105.979	53.00	9.00	160.00	64
Ant_{1c}										
Ant_{2a}	B13 RRH 4X30	11.80	7.50	20.90		107.063	40.00	-9.00		165
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	UHFA B25 RRH 4X30	12.00	7.20	21.20		107.063	40.00	-9.00		166
Ant_{3b}	SBNHH-1D65C	11.90	7.10	96.50		105.979	53.00	9.00	160.00	66
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	BXA-80063-6BF-EDIN	11.20	5.20	94.70		106.979	41.00	18.00	160.00	68
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}	B66A RRH 4X45	11.80	7.20	25.80		107.063	40.00	-9.00		169
Ant_{1b}	SBNHH-1D65B	11.90	7.10	72.90		105.979	53.00	9.00	280.00	71
Ant_{1c}										
Ant_{2a}	B13 RRH 4X30	11.80	7.50	20.90		107.063	40.00	-9.00		171
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	UHFA B25 RRH 4X30	12.00	7.20	21.20		107.063	40.00	-9.00		173
Ant_{3b}	SBNHH-1D65B	11.90	7.10	72.90		105.979	53.00	9.00	280.00	77
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	BXA-80063-6BF-EDIN	11.20	5.20	94.70		106.979	41.00	18.00	280.00	79
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 # 1261171

Tower Owner:	SBA	Mapping Date:	2/23/2021
Site Name:	Meriden SE	Tower Type:	Monopole
Site Number or ID:	469355	Tower Height (Ft.):	120
Mapping Contractor:	Delta Oaks Group	Mount Elevation (Ft.):	106

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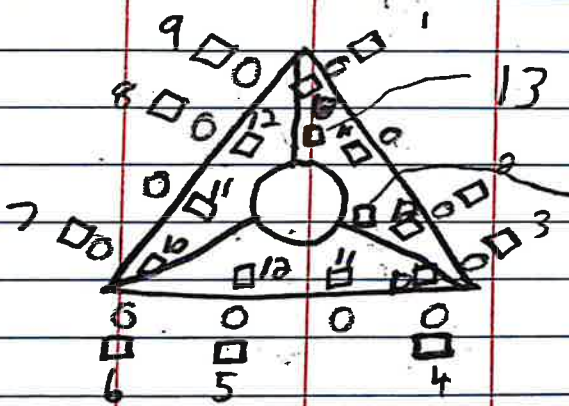
Please Insert Sketches of the Antenna Mount

Meriden SE Ct : VZW MM

AZ: 40°, 165°, 280°
MGL: 106'
SO: 39"
Pole: (18) 5.5"
SCL: 351°

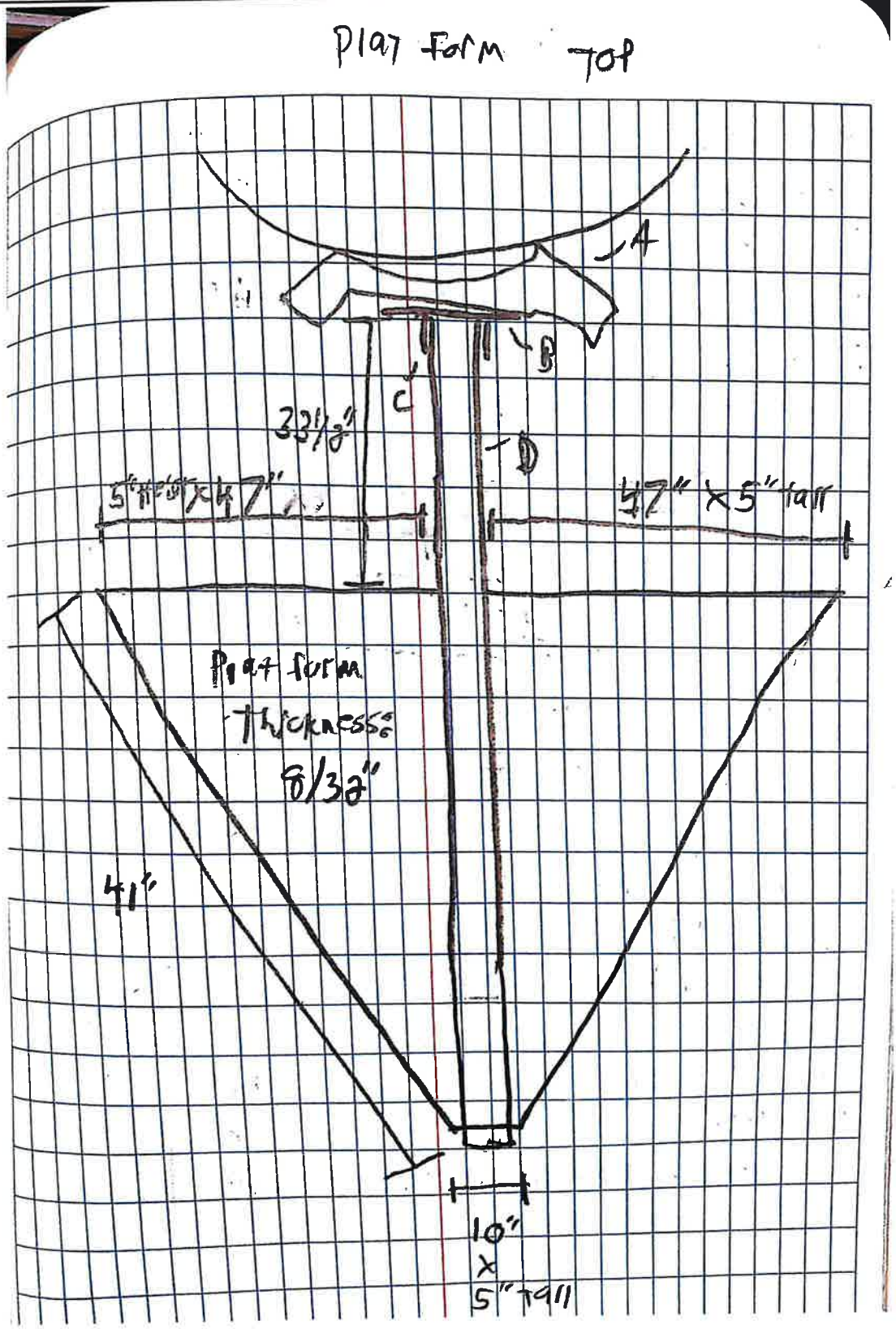
GFW: 12'7"
FCC: 1261171
CX: (6) 1 5/8" & FH
(2) 1 1/4" & HYBRID



	RL	HO
Pan 1,2,4,5,7,8		
SBNHH-1D65B	53"	9"
Pan 3,6,9		
BXA-80063-6BF-EDIN	41"	18"
#10 UHFE B66A RRH 4x45	40"	-9"
#11 B13 RRH 4x30	40"	-9"
#12 UHF4 B25 RRH 4x30	40"	-9"
#13 RRFDC-3315-PF-48	110'	

Scanned with CamScanner

Please Insert Sketches of the Antenna Mount, cont'd



Scanned with CamScanner

Please Insert Sketches of the Antenna Mount, cont'd

Gap: 19¼"

A- Coil: 10" x 30" x 16/32" w/(2) 24/32" ø TR 6¾" c-t

B- PL- 10" x 10" x 24/32" w/(4) 24/32" ø B 7" c-t

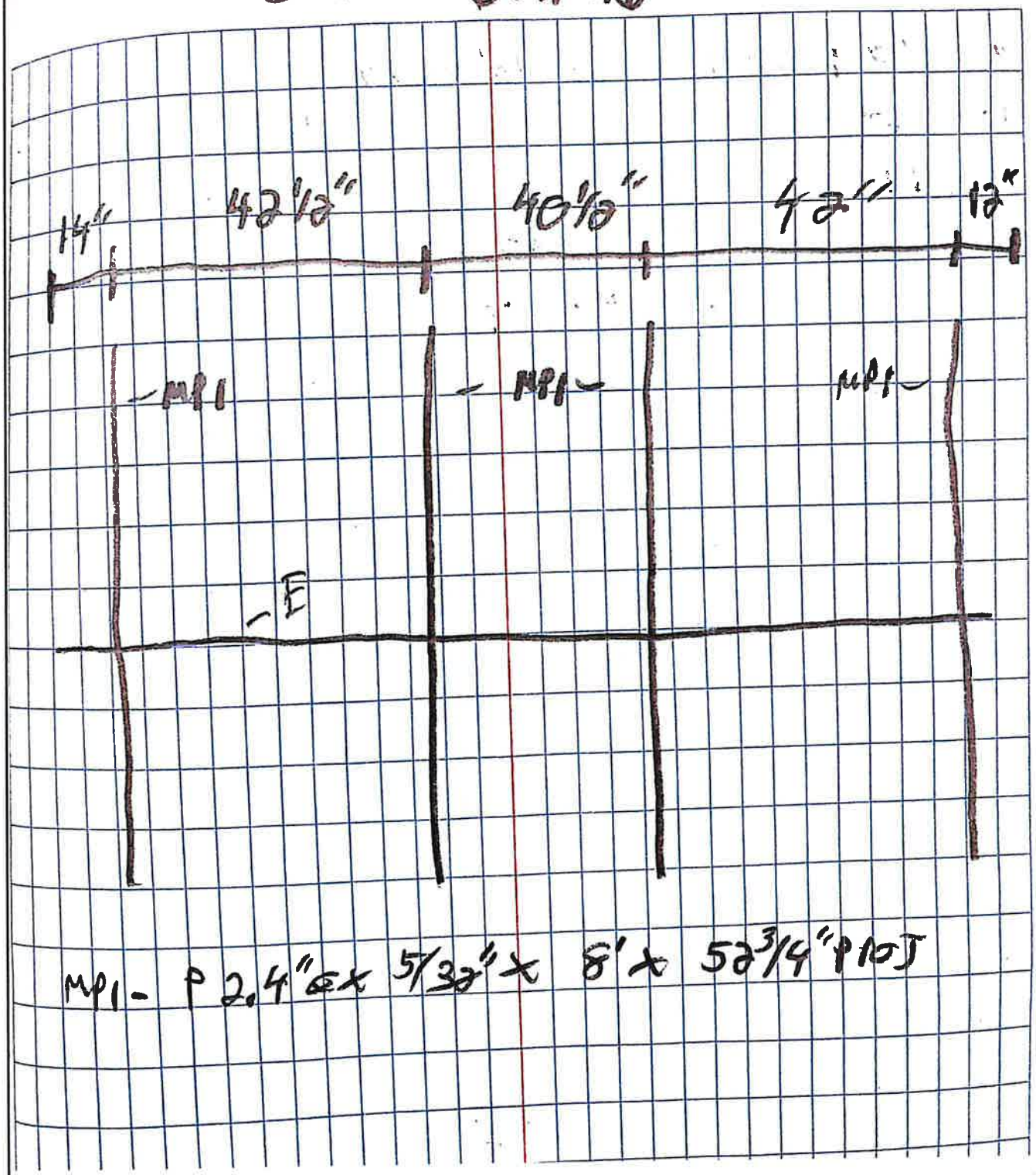
C- PL- 8.5" x 5" x 12/32

D- HSS - 5" x 3" x 12/32" x 69"

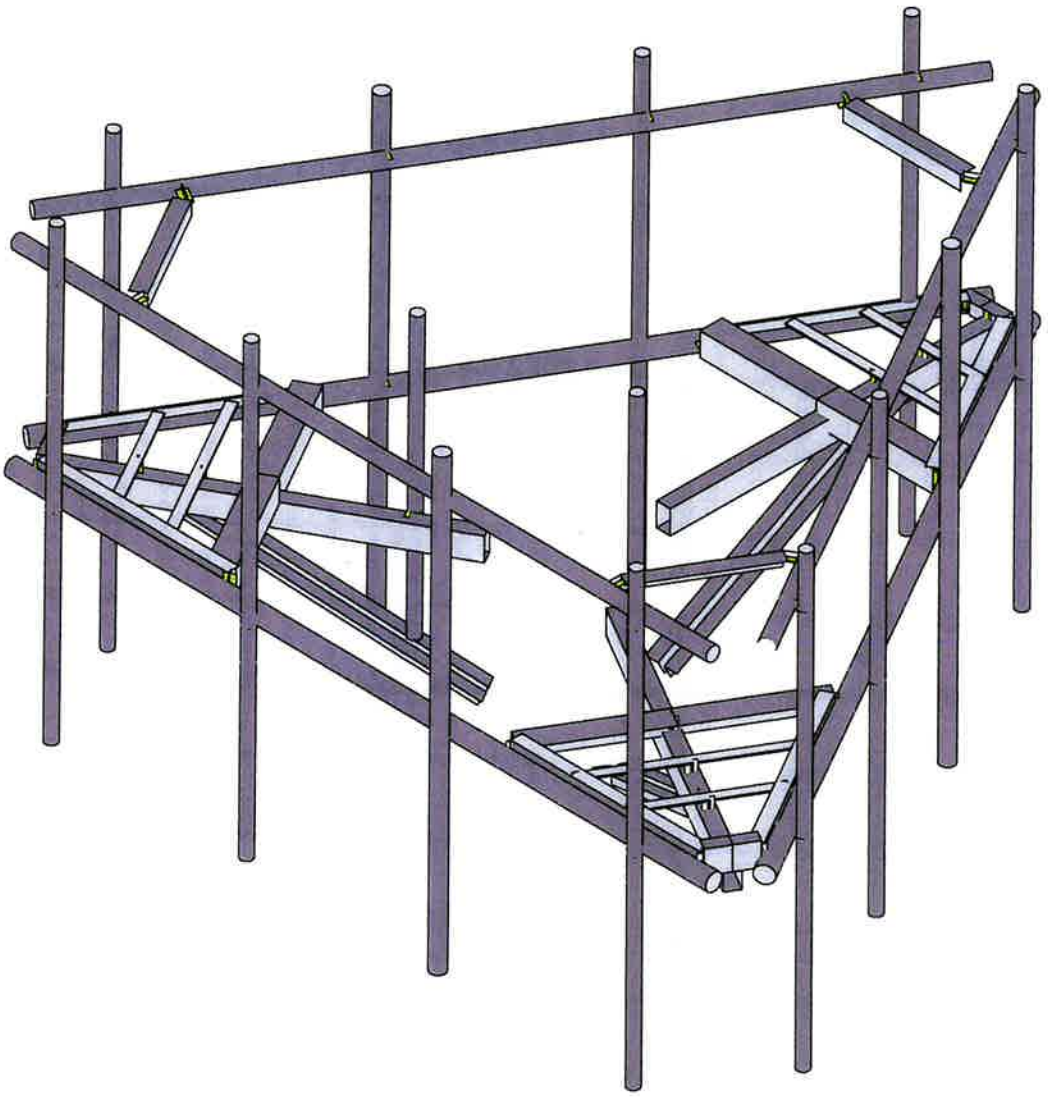
E- P 3.55" ø x 6/32" x 151"

Scanned with CamScanner

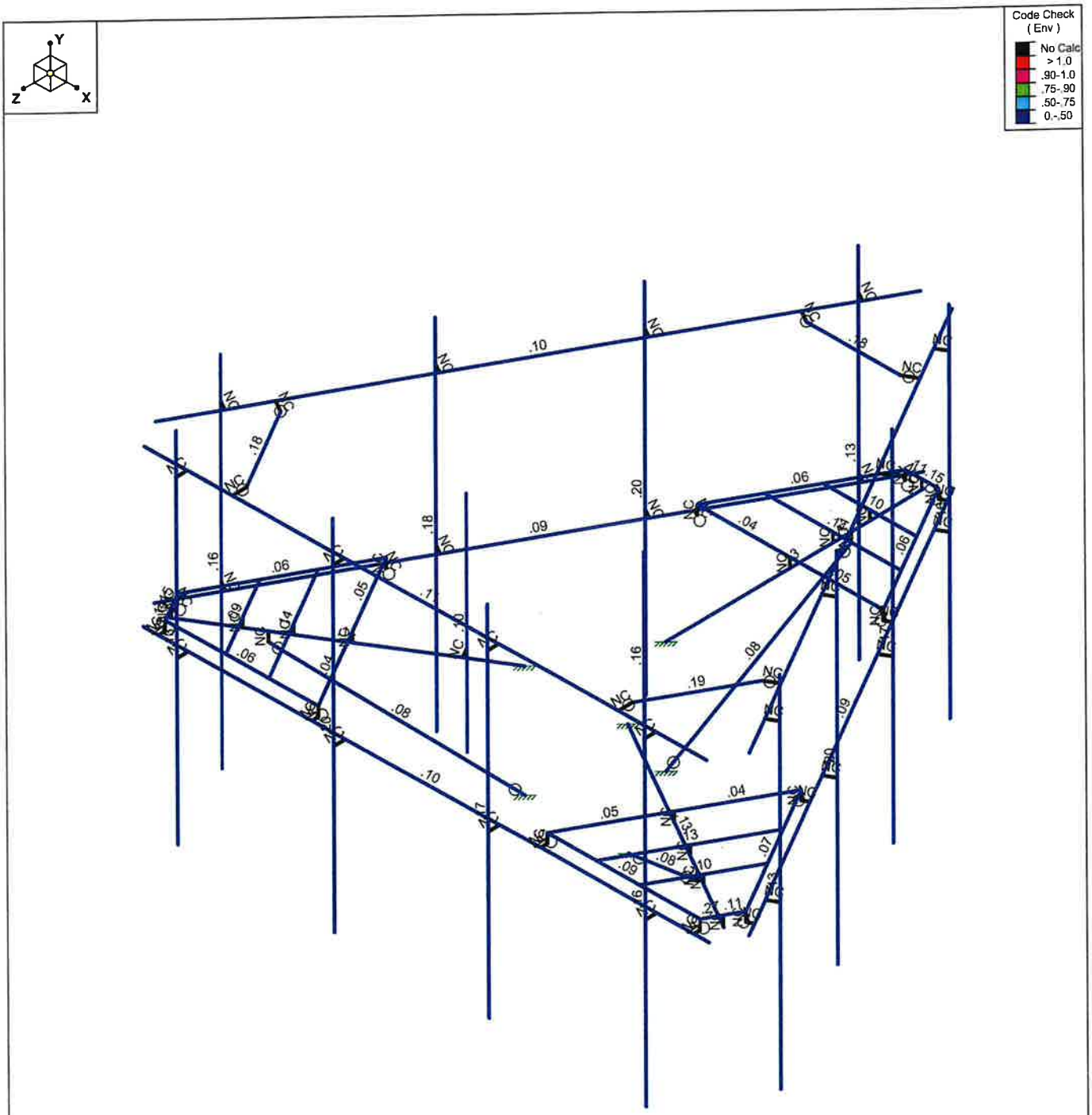
Please Insert Sketches of the Antenna Mount, cont'd



Scanned with CamScanner

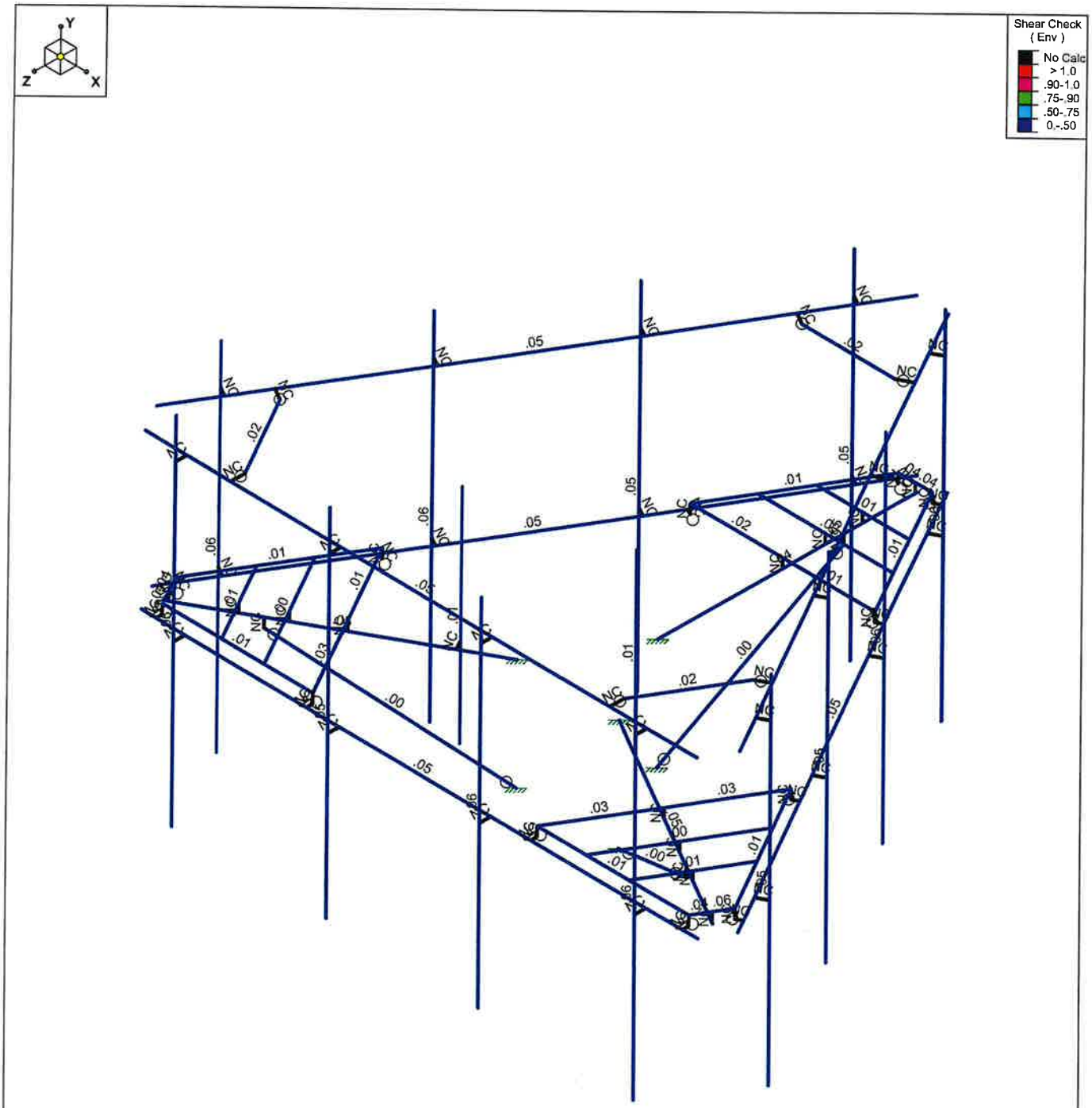


Colliers Engineering & De...	5000382428-VZW_MT_LO_H	SK - 1
AE		July 20, 2023 at 10:28 AM
Project No. 10207129		5000382428-VZW_MT_LO_H.r3d



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

Colliers Engineering & De...	5000382428-VZW_MT_LO_H	SK - 2
AE		July 20, 2023 at 10:28 AM
Project No. 10207129		5000382428-VZW_MT_LO_H.r3d



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

Colliers Engineering & De...	5000382428-VZW_MT_LO_H	SK - 3
AE		July 20, 2023 at 10:29 AM
Project No. 10207129		5000382428-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					93			
2	Antenna Di	None					93			
3	Antenna Wo (0 Deg)	None					93			
4	Antenna Wo (30 Deg)	None					93			
5	Antenna Wo (60 Deg)	None					93			
6	Antenna Wo (90 Deg)	None					93			
7	Antenna Wo (120 Deg)	None					93			
8	Antenna Wo (150 Deg)	None					93			
9	Antenna Wo (180 Deg)	None					93			
10	Antenna Wo (210 Deg)	None					93			
11	Antenna Wo (240 Deg)	None					93			
12	Antenna Wo (270 Deg)	None					93			
13	Antenna Wo (300 Deg)	None					93			
14	Antenna Wo (330 Deg)	None					93			
15	Antenna Wi (0 Deg)	None					93			
16	Antenna Wi (30 Deg)	None					93			
17	Antenna Wi (60 Deg)	None					93			
18	Antenna Wi (90 Deg)	None					93			
19	Antenna Wi (120 Deg)	None					93			
20	Antenna Wi (150 Deg)	None					93			
21	Antenna Wi (180 Deg)	None					93			
22	Antenna Wi (210 Deg)	None					93			
23	Antenna Wi (240 Deg)	None					93			
24	Antenna Wi (270 Deg)	None					93			
25	Antenna Wi (300 Deg)	None					93			
26	Antenna Wi (330 Deg)	None					93			
27	Antenna Wm (0 Deg)	None					93			
28	Antenna Wm (30 Deg)	None					93			
29	Antenna Wm (60 Deg)	None					93			
30	Antenna Wm (90 Deg)	None					93			
31	Antenna Wm (120 Deg)	None					93			
32	Antenna Wm (150 Deg)	None					93			
33	Antenna Wm (180 Deg)	None					93			
34	Antenna Wm (210 Deg)	None					93			
35	Antenna Wm (240 Deg)	None					93			
36	Antenna Wm (270 Deg)	None					93			
37	Antenna Wm (300 Deg)	None					93			
38	Antenna Wm (330 Deg)	None					93			
39	Structure D	None		-1					3	
40	Structure Di	None						53	3	
41	Structure Wo (0 Deg)	None						106		
42	Structure Wo (30 Deg)	None						106		
43	Structure Wo (60 Deg)	None						106		
44	Structure Wo (90 Deg)	None						106		
45	Structure Wo (120 Deg)	None						106		
46	Structure Wo (150 Deg)	None						106		
47	Structure Wo (180 Deg)	None						106		
48	Structure Wo (210 Deg)	None						106		
49	Structure Wo (240 Deg)	None						106		
50	Structure Wo (270 Deg)	None						106		
51	Structure Wo (300 Deg)	None						106		
52	Structure Wo (330 Deg)	None						106		
53	Structure Wi (0 Deg)	None						106		
54	Structure Wi (30 Deg)	None						106		
55	Structure Wi (60 Deg)	None						106		
56	Structure Wi (90 Deg)	None						106		

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						106		
58	Structure Wi (150 Deg)	None						106		
59	Structure Wi (180 Deg)	None						106		
60	Structure Wi (210 Deg)	None						106		
61	Structure Wi (240 Deg)	None						106		
62	Structure Wi (270 Deg)	None						106		
63	Structure Wi (300 Deg)	None						106		
64	Structure Wi (330 Deg)	None						106		
65	Structure Wm (0 Deg)	None						106		
66	Structure Wm (30 Deg)	None						106		
67	Structure Wm (60 Deg)	None						106		
68	Structure Wm (90 Deg)	None						106		
69	Structure Wm (120 Deg)	None						106		
70	Structure Wm (150 Deg)	None						106		
71	Structure Wm (180 Deg)	None						106		
72	Structure Wm (210 Deg)	None						106		
73	Structure Wm (240 Deg)	None						106		
74	Structure Wm (270 Deg)	None						106		
75	Structure Wm (300 Deg)	None						106		
76	Structure Wm (330 Deg)	None						106		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					93			
82	Antenna Eh (0 Deg)	None					62			
83	Antenna Eh (90 Deg)	None					62			
84	Structure Ev	ELY		-.043					3	
85	Structure Eh (0 Deg)	ELZ			-.108				3	
86	Structure Eh (90 Deg)	ELX	.108						3	
87	BLC 39 Transient Area Loads	None						70		
88	BLC 40 Transient Area Loads	None						70		
89	BLC 84 Transient Area Loads	None						70		
90	BLC 85 Transient Area Loads	None						70		
91	BLC 86 Transient Area Loads	None						70		

Load Combinations

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

Load Combinations (Continued)

	Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
18	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		E...	1	E...					
53	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	E...	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	E...	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	E...		E...	1				
56	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	E...	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.8...	83	.5	E...	-.8...	E...	.5				
58	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		E...	-1	E...					
59	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
60	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
61	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	E...		E...	-1				
62	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.8...	E...	.5	E...	-.8...				
63	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	E...	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		E...	1	E...					
65	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	E...	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	E...	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	E...		E...	1				
68	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	E...	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.8...	83	.5	E...	-.8...	E...	.5				
70	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		E...	-1	E...					
71	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
72	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
73	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	E...		E...	-1				
74	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.8...	E...	.5	E...	-.8...				

Load Combinations (Continued)

	Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
75	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-.5	E...	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N143	-0.	0.	-0.	0	
2	N63	-0.	0.	-7.126668	0	
3	N66	0.000042	0.	-7.085616	0	
4	N67	0.000042	0.	-1.335002	0	
5	N68	2.083334	0.	-4.126669	0	
6	N69	2.209628	0.	-4.199585	0	
7	N70	-2.08325	0	-4.126669	0	
8	N71	0.000042	0.	-4.126669	0	
9	N72	0.375021	0.	-7.085616	0	
10	N73	-0.374945	0.	-7.085603	0	
11	N74	0.501288	0.	-7.158516	0	
12	N75	-0.501274	0.	-7.15854	0	
13	N76	2.083334	0.208333	-4.126669	0	
14	N77	-2.08325	0.208333	-4.126669	0	
15	N78	0.000042	0.208333	-4.126669	0	
16	N79	0.375021	0.208333	-7.085616	0	
17	N80	-0.374945	0.208333	-7.085603	0	
18	N81	0.000042	0.	-5.91892	0	
19	N82	0.000042	0.	-5.085586	0	
20	N83	0.000042	0.208333	-5.91892	0	
21	N84	0.000042	0.208333	-5.085586	0	
22	N85	1.048599	0.208333	-5.91892	0	
23	N86	1.529714	0.208333	-5.085586	0	
24	N87	-1.048515	0.208333	-5.91892	0	
25	N88	-1.529631	0.208333	-5.085586	0	
26	N180	-2.209631	0	-4.199579	0	
27	N222A	-5.78794	0.	4.013386	0	
28	N242A	-2.071393	0	4.013386	0	
29	N248A	2.071393	0.	4.013386	0	
30	N253A	5.787912	0.	4.013386	0	
31	N273B	-0.000014	0.	4.013386	0	
32	N275A	-6.291681	0.	4.013386	0	
33	N276A	6.291654	0.	4.013386	0	
34	N277A	-5.291681	0.	4.013386	0	
35	N278A	-1.791681	0.	4.013386	0	
36	N279A	1.624985	0.	4.013386	0	
37	N280A	5.124985	0.	4.013386	0	
38	N281A	-5.291681	0.	4.263386	0	
39	N282A	-1.791681	0.	4.263386	0	
40	N283A	1.624985	0.	4.263386	0	
41	N284A	5.124985	0.	4.263386	0	
42	N295A	-5.291681	4.395833	4.263386	0	
43	N296A	-1.791681	4.395833	4.263386	0	
44	N297A	1.624985	4.395833	4.263386	0	
45	N298A	5.124985	4.395833	4.263386	0	
46	N299A	-5.291681	-3.604167	4.263386	0	
47	N300A	-1.791681	-3.604167	4.263386	0	
48	N301A	1.624985	-3.604167	4.263386	0	
49	N302A	5.124985	-3.604167	4.263386	0	
50	N64	0.000042	0.208333	-7.085616	0	
51	N82A	-6.107679	0.	4.013386	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N114	6.107652	0.	4.013386	0	
53	N170A	-3.6493	0.	4.013386	0	
54	N181A	3.649306	0.	4.013386	0	
55	N195C	0.000042	0.	-5.502253	0	
56	N196B	0.000042	-0.208333	-5.502253	0	
57	N215	5.124985	0.120833	4.263386	0	
58	N216	5.124985	-0.4625	4.263386	0	
59	N75A	-6.171876	0.	3.563334	0	
60	N76A	-6.136261	0.	3.542772	0	
61	N77A	-1.156167	0.	0.667465	0	
62	N78A	-4.615467	0.	0.259114	0	
63	N79A	-4.741761	0.	0.186199	0	
64	N80A	-2.532175	0	3.867482	0	
65	N81A	-3.573781	0.	2.063298	0	
66	N82B	-6.323834	0.	3.21803	0	
67	N83A	-5.94884	0.	3.867513	0	
68	N84A	-6.450101	0.	3.14513	0	
69	N85A	-5.94884	0.	4.013386	0	
70	N86A	-4.615467	0.208333	0.259114	0	
71	N87A	-2.532175	0.208333	3.867482	0	
72	N88A	-3.573821	0.208333	2.063298	0	
73	N89	-6.323834	0.208333	3.21803	0	
74	N90	-5.94884	0.208333	3.867513	0	
75	N91	-5.12589	0.	2.959424	0	
76	N92	-4.404214	0.	2.542757	0	
77	N93	-5.125956	0.208333	2.959424	0	
78	N94	-4.404214	0.208333	2.542757	0	
79	N95	-5.650234	0.208333	2.051346	0	
80	N96	-5.169104	0.208333	1.218022	0	
81	N97	-4.601688	0.208333	3.867482	0	
82	N98	-3.639438	0.208333	3.867482	0	
83	N99	-2.532127	0.	4.013386	0	
84	N100	-6.136344	0.208333	3.542772	0	
85	N101	-2.022189	0.	1.167471	0	
86	N102	-2.147192	0.	0.950959	0	
87	N103	-2.147192	-2	0.950959	0	
88	N104	-2.147192	3	0.950959	0	
89	N105	-4.765052	0.	2.75109	0	
90	N106	-4.765112	-0.208333	2.75109	0	
91	N108	6.171876	0.	3.563334	0	
92	N109	6.136386	0.	3.542844	0	
93	N110	1.156125	0.	0.667537	0	
94	N111	2.532133	0.	3.867555	0	
95	N112	2.532133	0.	4.013386	0	
96	N113	4.615425	0	0.259187	0	
97	N114A	3.57382	0.	2.063371	0	
98	N115	5.948813	0.	3.867585	0	
99	N116	6.323784	0.	3.21809	0	
100	N117	5.948813	0.	4.013386	0	
101	N118	6.450114	0.	3.145153	0	
102	N119	2.532133	0.208333	3.867555	0	
103	N120	4.615425	0.208333	0.259187	0	
104	N121	3.573779	0.208333	2.063371	0	
105	N122	5.948813	0.208333	3.867585	0	
106	N123	6.323784	0.208333	3.21809	0	
107	N124	5.12598	0.	2.959496	0	
108	N125	4.40428	0.	2.542829	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
109	N126	5.125914	0.208333	2.959496	0	
110	N127	4.40428	0.208333	2.542829	0	
111	N128	4.601628	0.208333	3.867585	0	
112	N129	3.639378	0.208333	3.867585	0	
113	N130	5.650193	0.208333	2.051419	0	
114	N131	5.169062	0.208333	1.218094	0	
115	N132	4.741758	0	0.186193	0	
116	N133	6.136302	0.208333	3.542844	0	
117	N134	2.022165	0.	1.167537	0	
118	N138	4.76513	0.	2.751163	0	
119	N139	4.76507	-0.208333	2.751163	0	
120	N128A	6.369664	0.	3.00581	0	
121	N129A	4.511391	0	-0.212814	0	
122	N130A	2.439998	0.	-3.800572	0	
123	N131A	0.581738	0.	-7.019172	0	
124	N132A	3.475701	0.	-2.006681	0	
125	N133A	6.621535	0.	3.442063	0	
126	N134A	0.329867	0.	-7.455425	0	
127	N135A	6.121535	0.	2.576037	0	
128	N136A	4.371535	0.	-0.455052	0	
129	N137A	2.663202	0.	-3.413972	0	
130	N138A	0.913202	0.	-6.445061	0	
131	N139A	6.338041	0.	2.451037	0	
132	N140	4.588041	0.	-0.580052	0	
133	N141	2.879708	0.	-3.538972	0	
134	N142	1.129708	0.	-6.570061	0	
135	N143A	6.338041	4.395833	2.451037	0	
136	N144	4.588041	4.395833	-0.580052	0	
137	N145	2.879708	4.395833	-3.538972	0	
138	N146	1.129708	4.395833	-6.570061	0	
139	N147	6.338041	-3.604167	2.451037	0	
140	N148	4.588041	-3.604167	-0.580052	0	
141	N149	2.879708	-3.604167	-3.538972	0	
142	N150	1.129708	-3.604167	-6.570061	0	
143	N151	6.529534	0.	3.282712	0	
144	N152	0.421868	0.	-7.296075	0	
145	N153	5.300344	0.	1.153693	0	
146	N154	1.651041	0.	-5.167085	0	
147	N155	1.129708	0.120833	-6.570061	0	
148	N156	1.129708	-0.4625	-6.570061	0	
149	N162	-0.581725	0.	-7.019196	0	
150	N163	-2.439998	0	-3.800572	0	
151	N164	-4.511391	0.	-0.212814	0	
152	N165	-6.369651	0.	3.005786	0	
153	N166	-3.475688	0.	-2.006705	0	
154	N167	-0.329854	0.	-7.455449	0	
155	N168	-6.621521	0.	3.442039	0	
156	N169	-0.829854	0.	-6.589423	0	
157	N170	-2.579854	0.	-3.558334	0	
158	N171	-4.288187	0.	-0.599414	0	
159	N172	-6.038187	0.	2.431675	0	
160	N173	-1.04636	0.	-6.714423	0	
161	N174	-2.79636	0.	-3.683334	0	
162	N175	-4.504694	0.	-0.724414	0	
163	N176	-6.254694	0.	2.306675	0	
164	N177	-1.04636	4.395833	-6.714423	0	
165	N178	-2.79636	4.395833	-3.683334	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
166	N179	-4.504694	4.395833	-0.724414	0	
167	N180A	-6.254694	4.395833	2.306675	0	
168	N181	-1.04636	-3.604167	-6.714423	0	
169	N182	-2.79636	-3.604167	-3.683334	0	
170	N183	-4.504694	-3.604167	-0.724414	0	
171	N184	-6.254694	-3.604167	2.306675	0	
172	N185	-0.421855	0.	-7.296099	0	
173	N186	-6.52952	0.	3.282689	0	
174	N187	-1.651045	0.	-5.167079	0	
175	N188	-5.300347	0.	1.153699	0	
176	N189	-6.254694	0.120833	2.306675	0	
177	N190	-6.254694	-0.4625	2.306675	0	
178	N178A	2.02215	4	1.167537	0	
179	N179A	-1.791681	1.166667	4.263386	0	
180	N180B	-1.791681	2.166667	4.263386	0	
181	N181B	-1.791681	0.166667	4.263386	0	
182	N182A	-1.791681	2.916667	4.263386	0	
183	N183A	-1.791681	-0.583333	4.263386	0	
184	N184A	-5.291681	1.75	4.263386	0	
185	N185A	-6.250015	3.5	4.013386	0	
186	N186A	6.249987	3.5	4.013386	0	
187	N187A	-5.291681	3.5	4.013386	0	
188	N188A	-1.791681	3.5	4.013386	0	
189	N189A	1.624985	3.5	4.013386	0	
190	N190A	5.124985	3.5	4.013386	0	
191	N191	-5.291681	3.5	4.263386	0	
192	N192	-1.791681	3.5	4.263386	0	
193	N193	1.624985	3.5	4.263386	0	
194	N194	5.124985	3.5	4.263386	0	
195	N195	4.511391	3.5	-0.212814	0	
196	N196	6.600702	3.5	3.405978	0	
197	N197	0.350701	3.5	-7.419341	0	
198	N198	6.121535	3.5	2.576037	0	
199	N199	4.371535	3.5	-0.455052	0	
200	N200	2.663202	3.5	-3.413972	0	
201	N201	0.913202	3.5	-6.445061	0	
202	N202	6.338041	3.5	2.451037	0	
203	N203	4.588041	3.5	-0.580052	0	
204	N204	2.879708	3.5	-3.538972	0	
205	N205	1.129708	3.5	-6.570061	0	
206	N206	-0.350687	3.5	-7.419364	0	
207	N207	-6.600688	3.5	3.405955	0	
208	N208	-0.829854	3.5	-6.589423	0	
209	N209	-2.579854	3.5	-3.558334	0	
210	N210	-4.288187	3.5	-0.599414	0	
211	N211	-6.038187	3.5	2.431675	0	
212	N212	-1.04636	3.5	-6.714423	0	
213	N213	-2.79636	3.5	-3.683334	0	
214	N214	-4.504694	3.5	-0.724414	0	
215	N215A	-6.254694	3.5	2.306675	0	
216	N216A	-4.291681	3.5	4.013386	0	
217	N217	4.291654	3.5	4.013386	0	
218	N218	4.291654	3.5	3.700886	0	
219	N220	-4.291679	3.5	3.700886	0	
220	N221	5.621535	3.5	1.710012	0	
221	N222	1.329867	3.5	-5.723374	0	
222	N223	1.059234	3.5	-5.567124	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
223	N224	5.350901	3.5	1.86626	0	
224	N226	-1.329854	3.5	-5.723398	0	
225	N227	-5.621521	3.5	1.709988	0	
226	N228	-5.350888	3.5	1.866238	0	
227	N229	-1.059222	3.5	-5.567147	0	
228	N228A	0.000042	-2.5	-1.335002	0	
229	N229A	-1.156167	-2.5	0.667465	0	
230	N230	1.156125	-2.5	0.667537	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Standoff Arm	HSS5X3X5	Beam	Tube	A500 Gr.B Rect	Typical	4.1	5.6	12.6	13.1
2	TES SA	HSS5X5X3	Beam	Tube	A500 Gr.B Rect	Typical	3.28	12.6	12.6	19.9
3	Platform Support Plates	PL1/4x2	Beam	RECT	A36 Gr.36	Typical	.5	.003	.167	.01
4	Platform Angle	L2.5x1.5x4	Beam	Single Angle	A36 Gr.36	Typical	.947	.16	.594	.021
5	Kickers	LL3x3x3x6	Beam	Single Angle	A36 Gr.36	Typical	2.18	4.97	1.9	.027
6	Standoff Horizontal	L5X4.75X4	Beam	Single Angle	A36 Gr.36	Typical	23	41.522	46.319	15.147
7	TES SH	L5X5X5	Beam	Single Angle	A36 Gr.36	Typical	3.07	7.44	7.44	.108
8	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
9	Support Rail Corner	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
10	Support Rail	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
11	Antenna pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
12	Corner Angle	L5X2.5X4	Beam	RECT	A36 Gr.36	Typical	1.813	.85	4.795	.036
13	TES CA	L5X3X4	Beam	RECT	A36 Gr.36	Typical	1.94	1.41	5.09	.044
14	Pipe2.5	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M46	N68	N69			RIGID	None	None	RIGID	Typical
2	M47	N70	N180			RIGID	None	None	RIGID	Typical
3	M48	N67	N63			Standoff Arm	Beam	Tube	A500 Gr.B...	Typical
4	M49	N72	N74			RIGID	None	None	RIGID	Typical
5	M51	N73	N75			RIGID	None	None	RIGID	Typical
6	M53	N78	N76		180	Standoff Horizontal	Beam	Single Angle	A36 Gr.36	Typical
7	M54	N77	N78		180	Standoff Horizontal	Beam	Single Angle	A36 Gr.36	Typical
8	M55	N77	N70			RIGID	None	None	RIGID	Typical
9	M56	N76	N68			RIGID	None	None	RIGID	Typical
10	M57	N78	N71			RIGID	None	None	RIGID	Typical
11	M58	N73	N80			RIGID	None	None	RIGID	Typical
12	M59	N72	N79			RIGID	None	None	RIGID	Typical
13	M60	N81	N83			RIGID	None	None	RIGID	Typical
14	M61	N82	N84			RIGID	None	None	RIGID	Typical
15	M62	N87	N85		90	Platform Support P...	Beam	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
16	M63	N88	N86		90	Platform Support P..	Beam	RECT	A36 Gr.36	Typical
17	M66	N77	N80		90	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
18	M67	N79	N76		90	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
19	M200	N275A	N276A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
20	M182A	N280A	N284A			RIGID	None	None	RIGID	Typical
21	M183A	N279A	N283A			RIGID	None	None	RIGID	Typical
22	M184A	N278A	N282A			RIGID	None	None	RIGID	Typical
23	M185A	N277A	N281A			RIGID	None	None	RIGID	Typical
24	MP4A	N295A	N299A			Antenna pipe	Column	Pipe	A53 Gr.B	Typical
25	MP3A	N296A	N300A			Antenna pipe	Column	Pipe	A53 Gr.B	Typical
26	MP2A	N297A	N301A			Pipe2.5	Column	Pipe	A53 Gr.B	Typical
27	MP1A	N298A	N302A			Antenna pipe	Column	Pipe	A53 Gr.B	Typical
28	M36	N66	N64			RIGID	None	None	RIGID	Typical
29	M37	N64	N80		180	Corner Angle	Beam	RECT	A36 Gr.36	Typical
30	M38	N79	N64		180	Corner Angle	Beam	RECT	A36 Gr.36	Typical
31	M123	N195C	N196B			RIGID	None	None	RIGID	Typical
32	M34	N78A	N79A			RIGID	None	None	RIGID	Typical
33	M35	N80A	N99			RIGID	None	None	RIGID	Typical
34	M36A	N77A	N75A			Standoff Arm	Beam	Tube	A500 Gr.B..	Typical
35	M37A	N82B	N84A			RIGID	None	None	RIGID	Typical
36	M38A	N83A	N85A			RIGID	None	None	RIGID	Typical
37	M39A	N88A	N86A		180	Standoff Horizontal	Beam	Single Angle	A36 Gr.36	Typical
38	M40A	N87A	N88A		180	Standoff Horizontal	Beam	Single Angle	A36 Gr.36	Typical
39	M41	N87A	N80A		240	RIGID	None	None	RIGID	Typical
40	M42	N86A	N78A		240	RIGID	None	None	RIGID	Typical
41	M43	N88A	N81A		240	RIGID	None	None	RIGID	Typical
42	M44	N83A	N90		120	RIGID	None	None	RIGID	Typical
43	M45	N82B	N89		120	RIGID	None	None	RIGID	Typical
44	M46A	N91	N93		120	RIGID	None	None	RIGID	Typical
45	M47A	N92	N94		120	RIGID	None	None	RIGID	Typical
46	M48A	N97	N95		90	Platform Support P..	Beam	RECT	A36 Gr.36	Typical
47	M49A	N98	N96		90	Platform Support P..	Beam	RECT	A36 Gr.36	Typical
48	M50	N87A	N90		90	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
49	M51A	N89	N86A		90	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
50	M52	N76A	N100		120	RIGID	None	None	RIGID	Typical
51	M53A	N100	N90		180	Corner Angle	Beam	RECT	A36 Gr.36	Typical
52	M54A	N89	N100		180	Corner Angle	Beam	RECT	A36 Gr.36	Typical
53	M55A	N101	N102			RIGID	None	None	RIGID	Typical
54	OVP2	N104	N103		240	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
55	M57A	N105	N106		240	RIGID	None	None	RIGID	Typical
56	M58A	N111	N112			RIGID	None	None	RIGID	Typical
57	M59A	N113	N132			RIGID	None	None	RIGID	Typical
58	M60A	N110	N108			Standoff Arm	Beam	Tube	A500 Gr.B..	Typical
59	M61A	N115	N117			RIGID	None	None	RIGID	Typical
60	M62A	N116	N118			RIGID	None	None	RIGID	Typical
61	M63A	N121	N119		180	Standoff Horizontal	Beam	Single Angle	A36 Gr.36	Typical
62	M64	N120	N121		180	Standoff Horizontal	Beam	Single Angle	A36 Gr.36	Typical
63	M65	N120	N113		120	RIGID	None	None	RIGID	Typical
64	M66A	N119	N111		120	RIGID	None	None	RIGID	Typical
65	M67A	N121	N114A		120	RIGID	None	None	RIGID	Typical
66	M68	N116	N123		240	RIGID	None	None	RIGID	Typical
67	M69	N115	N122		240	RIGID	None	None	RIGID	Typical
68	M70	N124	N126		240	RIGID	None	None	RIGID	Typical
69	M71	N125	N127		240	RIGID	None	None	RIGID	Typical
70	M72	N130	N128		90	Platform Support P..	Beam	RECT	A36 Gr.36	Typical
71	M73	N131	N129		90	Platform Support P..	Beam	RECT	A36 Gr.36	Typical
72	M74	N120	N123		90	Platform Angle	Beam	Single Angle	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
73	M75	N122	N119		90	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
74	M76	N109	N133		240	RIGID	None	None	RIGID	Typical
75	M77	N133	N123		180	Corner Angle	Beam	RECT	A36 Gr.36	Typical
76	M78	N122	N133		180	Corner Angle	Beam	RECT	A36 Gr.36	Typical
77	M81	N138	N139		120	RIGID	None	None	RIGID	Typical
78	M82	N133A	N134A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
79	M83	N138A	N142			RIGID	None	None	RIGID	Typical
80	M84	N137A	N141			RIGID	None	None	RIGID	Typical
81	M85	N136A	N140			RIGID	None	None	RIGID	Typical
82	M86	N135A	N139A			RIGID	None	None	RIGID	Typical
83	MP4C	N143A	N147		240	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
84	MP3C	N144	N148		240	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
85	MP2C	N145	N149		240	Pipe2.5	Column	Pipe	A53 Gr.B	Typical
86	MP1C	N146	N150		240	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
87	M91	N167	N168			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
88	M92	N172	N176			RIGID	None	None	RIGID	Typical
89	M93	N171	N175			RIGID	None	None	RIGID	Typical
90	M94	N170	N174			RIGID	None	None	RIGID	Typical
91	M95	N169	N173			RIGID	None	None	RIGID	Typical
92	MP4B	N177	N181		120	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
93	MP3B	N178	N182		120	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
94	MP2B	N179	N183		120	Pipe2.5	Column	Pipe	A53 Gr.B	Typical
95	MP1B	N180A	N184		120	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
96	OVP1	N178A	N134			Antenna pipe	Column	Pipe	A53 Gr.B	Typical
97	M97	N185A	N186A			Support Rail	Beam	Pipe	A53 Gr.B	Typical
98	M98	N190A	N194			RIGID	None	None	RIGID	Typical
99	M99	N189A	N193			RIGID	None	None	RIGID	Typical
100	M100	N188A	N192			RIGID	None	None	RIGID	Typical
101	M101	N187A	N191			RIGID	None	None	RIGID	Typical
102	M102	N196	N197			Support Rail	Beam	Pipe	A53 Gr.B	Typical
103	M103	N201	N205			RIGID	None	None	RIGID	Typical
104	M104	N200	N204			RIGID	None	None	RIGID	Typical
105	M105	N199	N203			RIGID	None	None	RIGID	Typical
106	M106	N198	N202			RIGID	None	None	RIGID	Typical
107	M107	N206	N207			Support Rail	Beam	Pipe	A53 Gr.B	Typical
108	M108	N211	N215A			RIGID	None	None	RIGID	Typical
109	M109	N210	N214			RIGID	None	None	RIGID	Typical
110	M110	N209	N213			RIGID	None	None	RIGID	Typical
111	M111	N208	N212			RIGID	None	None	RIGID	Typical
112	M112	N217	N218			RIGID	None	None	RIGID	Typical
113	M113	N216A	N220			RIGID	None	None	RIGID	Typical
114	M114	N222	N223			RIGID	None	None	RIGID	Typical
115	M115	N221	N224			RIGID	None	None	RIGID	Typical
116	M116	N227	N228			RIGID	None	None	RIGID	Typical
117	M117	N226	N229			RIGID	None	None	RIGID	Typical
118	M118	N220	N228		180	Support Rail Corner	Beam	Single Angle	A36 Gr.36	Typical
119	M119	N224	N218		180	Support Rail Corner	Beam	Single Angle	A36 Gr.36	Typical
120	M120	N229	N223		180	Support Rail Corner	Beam	Single Angle	A36 Gr.36	Typical
121	M121	N196B	N228A			Kickers	Beam	Single Angle	A36 Gr.36	Typical
122	M123A	N106	N229A			Kickers	Beam	Single Angle	A36 Gr.36	Typical
123	M125	N139	N230			Kickers	Beam	Single Angle	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
1	M46		BenPIN				Yes	** NA **			None
2	M47		BenPIN				Yes	** NA **			None
3	M48						Yes		V..		None
4	M49		BenPIN				Yes	** NA **			None
5	M51		BenPIN				Yes	** NA **			None
6	M53						Yes				None
7	M54						Yes	Default			None
8	M55						Yes	** NA **			None
9	M56						Yes	** NA **			None
10	M57						Yes	** NA **			None
11	M58						Yes	** NA **			None
12	M59						Yes	** NA **			None
13	M60						Yes	** NA **			None
14	M61						Yes	** NA **			None
15	M62						Yes				None
16	M63						Yes				None
17	M66						Yes				None
18	M67						Yes				None
19	M200						Yes				None
20	M182A						Yes	** NA **			None
21	M183A						Yes	** NA **			None
22	M184A						Yes	** NA **			None
23	M185A						Yes	** NA **			None
24	MP4A						Yes	** NA **			None
25	MP3A						Yes	** NA **			None
26	MP2A						Yes	** NA **			None
27	MP1A						Yes	** NA **			None
28	M36						Yes	** NA **			None
29	M37						Yes				None
30	M38						Yes				None
31	M123						Yes	** NA **			None
32	M34		BenPIN				Yes	** NA **			None
33	M35		BenPIN				Yes	** NA **			None
34	M36A						Yes		V..		None
35	M37A		BenPIN				Yes	** NA **			None
36	M38A		BenPIN				Yes	** NA **			None
37	M39A						Yes				None
38	M40A						Yes	Default			None
39	M41						Yes	** NA **			None
40	M42						Yes	** NA **			None
41	M43						Yes	** NA **			None
42	M44						Yes	** NA **			None
43	M45						Yes	** NA **			None
44	M46A						Yes	** NA **			None
45	M47A						Yes	** NA **			None
46	M48A						Yes				None
47	M49A						Yes				None
48	M50						Yes				None
49	M51A						Yes				None
50	M52						Yes	** NA **			None
51	M53A						Yes				None
52	M54A						Yes				None
53	M55A						Yes	** NA **			None
54	OVP2						Yes	** NA **			None
55	M57A						Yes	** NA **			None
56	M58A		BenPIN				Yes	** NA **			None
57	M59A		BenPIN				Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A... V...	Inactive	Seismic ...
58	M60A						Yes				None
59	M61A		BenPIN				Yes	** NA **			None
60	M62A		BenPIN				Yes	** NA **			None
61	M63A						Yes				None
62	M64						Yes	Default			None
63	M65						Yes	** NA **			None
64	M66A						Yes	** NA **			None
65	M67A						Yes	** NA **			None
66	M68						Yes	** NA **			None
67	M69						Yes	** NA **			None
68	M70						Yes	** NA **			None
69	M71						Yes	** NA **			None
70	M72						Yes				None
71	M73						Yes				None
72	M74						Yes				None
73	M75						Yes				None
74	M76						Yes	** NA **			None
75	M77						Yes				None
76	M78						Yes				None
77	M81						Yes	** NA **			None
78	M82						Yes				None
79	M83						Yes	** NA **			None
80	M84						Yes	** NA **			None
81	M85						Yes	** NA **			None
82	M86						Yes	** NA **			None
83	MP4C						Yes	** NA **			None
84	MP3C						Yes	** NA **			None
85	MP2C						Yes	** NA **			None
86	MP1C						Yes	** NA **			None
87	M91						Yes				None
88	M92						Yes	** NA **			None
89	M93						Yes	** NA **			None
90	M94						Yes	** NA **			None
91	M95						Yes	** NA **			None
92	MP4B						Yes	** NA **			None
93	MP3B						Yes	** NA **			None
94	MP2B						Yes	** NA **			None
95	MP1B						Yes	** NA **			None
96	OVP1						Yes	** NA **			None
97	M97						Yes				None
98	M98						Yes	** NA **			None
99	M99						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	M101						Yes	** NA **			None
102	M102						Yes				None
103	M103						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	M107						Yes				None
108	M108						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M110						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112	OOOOOX					Yes	** NA **			None
113	M113	OOOOOX					Yes	** NA **			None
114	M114	OOOOOX					Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...A...		Inactive	Seismic ...
115	M115	OOOOOX					Yes	** NA **			None
116	M116	OOOOOX					Yes	** NA **			None
117	M117	OOOOOX					Yes	** NA **			None
118	M118						Yes	Default			None
119	M119						Yes	Default			None
120	M120						Yes	Default			None
121	M121	BenPIN	BenPIN				Yes				None
122	M123A	BenPIN	BenPIN				Yes				None
123	M125	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	1.48
2	MP2A	My	-.024	1.48
3	MP2A	Mz	.024	1.48
4	MP2A	Y	-31.65	4.98
5	MP2A	My	-.024	4.98
6	MP2A	Mz	.024	4.98
7	MP2B	Y	-31.65	1.48
8	MP2B	My	-.009	1.48
9	MP2B	Mz	-.032	1.48
10	MP2B	Y	-31.65	4.98
11	MP2B	My	-.009	4.98
12	MP2B	Mz	-.032	4.98
13	MP2C	Y	-31.65	1.48
14	MP2C	My	.032	1.48
15	MP2C	Mz	.009	1.48
16	MP2C	Y	-31.65	4.98
17	MP2C	My	.032	4.98
18	MP2C	Mz	.009	4.98
19	MP2A	Y	-31.65	1.48
20	MP2A	My	-.024	1.48
21	MP2A	Mz	-.024	1.48
22	MP2A	Y	-31.65	4.98
23	MP2A	My	-.024	4.98
24	MP2A	Mz	-.024	4.98
25	MP2B	Y	-31.65	1.48
26	MP2B	My	.032	1.48
27	MP2B	Mz	-.009	1.48
28	MP2B	Y	-31.65	4.98
29	MP2B	My	.032	4.98
30	MP2B	Mz	-.009	4.98
31	MP2C	Y	-31.65	1.48
32	MP2C	My	-.009	1.48
33	MP2C	Mz	.032	1.48
34	MP2C	Y	-31.65	4.98
35	MP2C	My	-.009	4.98
36	MP2C	Mz	.032	4.98
37	MP1A	Y	-43.55	2.22
38	MP1A	My	-.022	2.22
39	MP1A	Mz	0	2.22
40	MP1A	Y	-43.55	4.22
41	MP1A	My	-.022	4.22
42	MP1A	Mz	0	4.22
43	MP1B	Y	-43.55	2.22

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP1B	My	.011	2.22
45	MP1B	Mz	-.019	2.22
46	MP1B	Y	-43.55	4.22
47	MP1B	My	.011	4.22
48	MP1B	Mz	-.019	4.22
49	MP1C	Y	-43.55	2.22
50	MP1C	My	.011	2.22
51	MP1C	Mz	.019	2.22
52	MP1C	Y	-43.55	4.22
53	MP1C	My	.011	4.22
54	MP1C	Mz	.019	4.22
55	M82	Y	-10.4	6.3
56	M82	My	0	6.3
57	M82	Mz	0	6.3
58	MP2A	Y	-84.4	2.64
59	MP2A	My	.042	2.64
60	MP2A	Mz	0	2.64
61	MP2B	Y	-84.4	2.64
62	MP2B	My	-.021	2.64
63	MP2B	Mz	.037	2.64
64	MP2C	Y	-84.4	2.64
65	MP2C	My	-.021	2.64
66	MP2C	Mz	-.037	2.64
67	MP3A	Y	-70.3	2.64
68	MP3A	My	.035	2.64
69	MP3A	Mz	0	2.64
70	MP3B	Y	-70.3	2.64
71	MP3B	My	-.018	2.64
72	MP3B	Mz	.03	2.64
73	MP3C	Y	-70.3	2.64
74	MP3C	My	-.018	2.64
75	MP3C	Mz	-.03	2.64
76	OVP2	Y	-26.9	1
77	OVP2	My	0	1
78	OVP2	Mz	0	1
79	M200	Y	-10.4	6.3
80	M200	My	0	6.3
81	M200	Mz	0	6.3
82	M91	Y	-10.4	6.3
83	M91	My	0	6.3
84	M91	Mz	0	6.3
85	OVP1	Y	-26.9	1
86	OVP1	My	0	1
87	OVP1	Mz	0	1
88	MP2B	Y	-17.6	5
89	MP2B	My	.007	5
90	MP2B	Mz	-.013	5
91	MP2B	Y	-17.6	5
92	MP2B	My	-.007	5
93	MP2B	Mz	.013	5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-67.948	1.48
2	MP2A	My	-.051	1.48
3	MP2A	Mz	.051	1.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP2A	Y	-67.948	4.98
5	MP2A	My	-.051	4.98
6	MP2A	Mz	.051	4.98
7	MP2B	Y	-67.948	1.48
8	MP2B	My	-.019	1.48
9	MP2B	Mz	-.07	1.48
10	MP2B	Y	-67.948	4.98
11	MP2B	My	-.019	4.98
12	MP2B	Mz	-.07	4.98
13	MP2C	Y	-67.948	1.48
14	MP2C	My	.07	1.48
15	MP2C	Mz	.019	1.48
16	MP2C	Y	-67.948	4.98
17	MP2C	My	.07	4.98
18	MP2C	Mz	.019	4.98
19	MP2A	Y	-67.948	1.48
20	MP2A	My	-.051	1.48
21	MP2A	Mz	-.051	1.48
22	MP2A	Y	-67.948	4.98
23	MP2A	My	-.051	4.98
24	MP2A	Mz	-.051	4.98
25	MP2B	Y	-67.948	1.48
26	MP2B	My	.07	1.48
27	MP2B	Mz	-.019	1.48
28	MP2B	Y	-67.948	4.98
29	MP2B	My	.07	4.98
30	MP2B	Mz	-.019	4.98
31	MP2C	Y	-67.948	1.48
32	MP2C	My	-.019	1.48
33	MP2C	Mz	.07	1.48
34	MP2C	Y	-67.948	4.98
35	MP2C	My	-.019	4.98
36	MP2C	Mz	.07	4.98
37	MP1A	Y	-34.577	2.22
38	MP1A	My	-.017	2.22
39	MP1A	Mz	0	2.22
40	MP1A	Y	-34.577	4.22
41	MP1A	My	-.017	4.22
42	MP1A	Mz	0	4.22
43	MP1B	Y	-34.577	2.22
44	MP1B	My	.009	2.22
45	MP1B	Mz	-.015	2.22
46	MP1B	Y	-34.577	4.22
47	MP1B	My	.009	4.22
48	MP1B	Mz	-.015	4.22
49	MP1C	Y	-34.577	2.22
50	MP1C	My	.009	2.22
51	MP1C	Mz	.015	2.22
52	MP1C	Y	-34.577	4.22
53	MP1C	My	.009	4.22
54	MP1C	Mz	.015	4.22
55	M82	Y	-10.386	6.3
56	M82	My	0	6.3
57	M82	Mz	0	6.3
58	MP2A	Y	-43.575	2.64
59	MP2A	My	.022	2.64
60	MP2A	Mz	0	2.64

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2B	Y	-43.575	2.64
62	MP2B	My	-.011	2.64
63	MP2B	Mz	.019	2.64
64	MP2C	Y	-43.575	2.64
65	MP2C	My	-.011	2.64
66	MP2C	Mz	-.019	2.64
67	MP3A	Y	-39.179	2.64
68	MP3A	My	.02	2.64
69	MP3A	Mz	0	2.64
70	MP3B	Y	-39.179	2.64
71	MP3B	My	-.01	2.64
72	MP3B	Mz	.017	2.64
73	MP3C	Y	-39.179	2.64
74	MP3C	My	-.01	2.64
75	MP3C	Mz	-.017	2.64
76	OVP2	Y	-53.674	1
77	OVP2	My	0	1
78	OVP2	Mz	0	1
79	M200	Y	-10.386	6.3
80	M200	My	0	6.3
81	M200	Mz	0	6.3
82	M91	Y	-10.386	6.3
83	M91	My	0	6.3
84	M91	Mz	0	6.3
85	OVP1	Y	-53.674	1
86	OVP1	My	0	1
87	OVP1	Mz	0	1
88	MP2B	Y	6.6	5
89	MP2B	My	-.003	5
90	MP2B	Mz	.005	5
91	MP2B	Y	6.6	5
92	MP2B	My	.003	5
93	MP2B	Mz	-.005	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.48
2	MP2A	Z	-142.577	1.48
3	MP2A	Mx	-.107	1.48
4	MP2A	X	0	4.98
5	MP2A	Z	-142.577	4.98
6	MP2A	Mx	-.107	4.98
7	MP2B	X	0	1.48
8	MP2B	Z	-105.876	1.48
9	MP2B	Mx	.108	1.48
10	MP2B	X	0	4.98
11	MP2B	Z	-105.876	4.98
12	MP2B	Mx	.108	4.98
13	MP2C	X	0	1.48
14	MP2C	Z	-105.876	1.48
15	MP2C	Mx	-.029	1.48
16	MP2C	X	0	4.98
17	MP2C	Z	-105.876	4.98
18	MP2C	Mx	-.029	4.98
19	MP2A	X	0	1.48
20	MP2A	Z	-142.577	1.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP2A	Mx	.107	1.48
22	MP2A	X	0	4.98
23	MP2A	Z	-142.577	4.98
24	MP2A	Mx	.107	4.98
25	MP2B	X	0	1.48
26	MP2B	Z	-105.876	1.48
27	MP2B	Mx	.029	1.48
28	MP2B	X	0	4.98
29	MP2B	Z	-105.876	4.98
30	MP2B	Mx	.029	4.98
31	MP2C	X	0	1.48
32	MP2C	Z	-105.876	1.48
33	MP2C	Mx	-.108	1.48
34	MP2C	X	0	4.98
35	MP2C	Z	-105.876	4.98
36	MP2C	Mx	-.108	4.98
37	MP1A	X	0	2.22
38	MP1A	Z	-73.558	2.22
39	MP1A	Mx	0	2.22
40	MP1A	X	0	4.22
41	MP1A	Z	-73.558	4.22
42	MP1A	Mx	0	4.22
43	MP1B	X	0	2.22
44	MP1B	Z	-39.988	2.22
45	MP1B	Mx	.017	2.22
46	MP1B	X	0	4.22
47	MP1B	Z	-39.988	4.22
48	MP1B	Mx	.017	4.22
49	MP1C	X	0	2.22
50	MP1C	Z	-39.988	2.22
51	MP1C	Mx	-.017	2.22
52	MP1C	X	0	4.22
53	MP1C	Z	-39.988	4.22
54	MP1C	Mx	-.017	4.22
55	M82	X	0	6.3
56	M82	Z	-11.581	6.3
57	M82	Mx	0	6.3
58	MP2A	X	0	2.64
59	MP2A	Z	-48.517	2.64
60	MP2A	Mx	0	2.64
61	MP2B	X	0	2.64
62	MP2B	Z	-36.544	2.64
63	MP2B	Mx	-.016	2.64
64	MP2C	X	0	2.64
65	MP2C	Z	-36.544	2.64
66	MP2C	Mx	.016	2.64
67	MP3A	X	0	2.64
68	MP3A	Z	-48.517	2.64
69	MP3A	Mx	0	2.64
70	MP3B	X	0	2.64
71	MP3B	Z	-32.084	2.64
72	MP3B	Mx	-.014	2.64
73	MP3C	X	0	2.64
74	MP3C	Z	-32.084	2.64
75	MP3C	Mx	.014	2.64
76	OVP2	X	0	1
77	OVP2	Z	-78.253	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	OVP2	Mx	0	1
79	M200	X	0	6.3
80	M200	Z	-11.581	6.3
81	M200	Mx	0	6.3
82	M91	X	0	6.3
83	M91	Z	-11.581	6.3
84	M91	Mx	0	6.3
85	OVP1	X	0	1
86	OVP1	Z	-78.253	1
87	OVP1	Mx	0	1
88	MP2B	X	0	5
89	MP2B	Z	-14.348	5
90	MP2B	Mx	.01	5
91	MP2B	X	0	5
92	MP2B	Z	-14.348	5
93	MP2B	Mx	-.01	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	65.172	1.48
2	MP2A	Z	-112.881	1.48
3	MP2A	Mx	-.134	1.48
4	MP2A	X	65.172	4.98
5	MP2A	Z	-112.881	4.98
6	MP2A	Mx	-.134	4.98
7	MP2B	X	46.821	1.48
8	MP2B	Z	-81.097	1.48
9	MP2B	Mx	.07	1.48
10	MP2B	X	46.821	4.98
11	MP2B	Z	-81.097	4.98
12	MP2B	Mx	.07	4.98
13	MP2C	X	65.172	1.48
14	MP2C	Z	-112.881	1.48
15	MP2C	Mx	.036	1.48
16	MP2C	X	65.172	4.98
17	MP2C	Z	-112.881	4.98
18	MP2C	Mx	.036	4.98
19	MP2A	X	65.172	1.48
20	MP2A	Z	-112.881	1.48
21	MP2A	Mx	.036	1.48
22	MP2A	X	65.172	4.98
23	MP2A	Z	-112.881	4.98
24	MP2A	Mx	.036	4.98
25	MP2B	X	46.821	1.48
26	MP2B	Z	-81.097	1.48
27	MP2B	Mx	.07	1.48
28	MP2B	X	46.821	4.98
29	MP2B	Z	-81.097	4.98
30	MP2B	Mx	.07	4.98
31	MP2C	X	65.172	1.48
32	MP2C	Z	-112.881	1.48
33	MP2C	Mx	-.134	1.48
34	MP2C	X	65.172	4.98
35	MP2C	Z	-112.881	4.98
36	MP2C	Mx	-.134	4.98
37	MP1A	X	31.184	2.22

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP1A	Z	-54.012	2.22
39	MP1A	Mx	-.016	2.22
40	MP1A	X	31.184	4.22
41	MP1A	Z	-54.012	4.22
42	MP1A	Mx	-.016	4.22
43	MP1B	X	14.399	2.22
44	MP1B	Z	-24.94	2.22
45	MP1B	Mx	.014	2.22
46	MP1B	X	14.399	4.22
47	MP1B	Z	-24.94	4.22
48	MP1B	Mx	.014	4.22
49	MP1C	X	31.184	2.22
50	MP1C	Z	-54.012	2.22
51	MP1C	Mx	-.016	2.22
52	MP1C	X	31.184	4.22
53	MP1C	Z	-54.012	4.22
54	MP1C	Mx	-.016	4.22
55	M82	X	5.345	6.3
56	M82	Z	-9.257	6.3
57	M82	Mx	0	6.3
58	MP2A	X	22.263	2.64
59	MP2A	Z	-38.561	2.64
60	MP2A	Mx	.011	2.64
61	MP2B	X	16.277	2.64
62	MP2B	Z	-28.192	2.64
63	MP2B	Mx	-.016	2.64
64	MP2C	X	22.263	2.64
65	MP2C	Z	-38.561	2.64
66	MP2C	Mx	.011	2.64
67	MP3A	X	21.52	2.64
68	MP3A	Z	-37.273	2.64
69	MP3A	Mx	.011	2.64
70	MP3B	X	13.303	2.64
71	MP3B	Z	-23.041	2.64
72	MP3B	Mx	-.013	2.64
73	MP3C	X	21.52	2.64
74	MP3C	Z	-37.273	2.64
75	MP3C	Mx	.011	2.64
76	OVP2	X	35.697	1
77	OVP2	Z	-61.829	1
78	OVP2	Mx	0	1
79	M200	X	5.345	6.3
80	M200	Z	-9.257	6.3
81	M200	Mx	0	6.3
82	M91	X	5.345	6.3
83	M91	Z	-9.257	6.3
84	M91	Mx	0	6.3
85	OVP1	X	35.697	1
86	OVP1	Z	-61.829	1
87	OVP1	Mx	0	1
88	MP2B	X	4.557	5
89	MP2B	Z	-7.893	5
90	MP2B	Mx	.008	5
91	MP2B	X	4.557	5
92	MP2B	Z	-7.893	5
93	MP2B	Mx	-.008	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	91.691	1.48
2	MP2A	Z	-52.938	1.48
3	MP2A	Mx	-.108	1.48
4	MP2A	X	91.691	4.98
5	MP2A	Z	-52.938	4.98
6	MP2A	Mx	-.108	4.98
7	MP2B	X	91.691	1.48
8	MP2B	Z	-52.938	1.48
9	MP2B	Mx	.029	1.48
10	MP2B	X	91.691	4.98
11	MP2B	Z	-52.938	4.98
12	MP2B	Mx	.029	4.98
13	MP2C	X	123.475	1.48
14	MP2C	Z	-71.288	1.48
15	MP2C	Mx	.107	1.48
16	MP2C	X	123.475	4.98
17	MP2C	Z	-71.288	4.98
18	MP2C	Mx	.107	4.98
19	MP2A	X	91.691	1.48
20	MP2A	Z	-52.938	1.48
21	MP2A	Mx	-.029	1.48
22	MP2A	X	91.691	4.98
23	MP2A	Z	-52.938	4.98
24	MP2A	Mx	-.029	4.98
25	MP2B	X	91.691	1.48
26	MP2B	Z	-52.938	1.48
27	MP2B	Mx	.108	1.48
28	MP2B	X	91.691	4.98
29	MP2B	Z	-52.938	4.98
30	MP2B	Mx	.108	4.98
31	MP2C	X	123.475	1.48
32	MP2C	Z	-71.288	1.48
33	MP2C	Mx	-.107	1.48
34	MP2C	X	123.475	4.98
35	MP2C	Z	-71.288	4.98
36	MP2C	Mx	-.107	4.98
37	MP1A	X	34.63	2.22
38	MP1A	Z	-19.994	2.22
39	MP1A	Mx	-.017	2.22
40	MP1A	X	34.63	4.22
41	MP1A	Z	-19.994	4.22
42	MP1A	Mx	-.017	4.22
43	MP1B	X	34.63	2.22
44	MP1B	Z	-19.994	2.22
45	MP1B	Mx	.017	2.22
46	MP1B	X	34.63	4.22
47	MP1B	Z	-19.994	4.22
48	MP1B	Mx	.017	4.22
49	MP1C	X	63.703	2.22
50	MP1C	Z	-36.779	2.22
51	MP1C	Mx	0	2.22
52	MP1C	X	63.703	4.22
53	MP1C	Z	-36.779	4.22
54	MP1C	Mx	0	4.22
55	M82	X	7.712	6.3
56	M82	Z	-4.453	6.3
57	M82	Mx	0	6.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	31.648	2.64
59	MP2A	Z	-18.272	2.64
60	MP2A	Mx	.016	2.64
61	MP2B	X	31.648	2.64
62	MP2B	Z	-18.272	2.64
63	MP2B	Mx	-.016	2.64
64	MP2C	X	42.017	2.64
65	MP2C	Z	-24.258	2.64
66	MP2C	Mx	0	2.64
67	MP3A	X	27.785	2.64
68	MP3A	Z	-16.042	2.64
69	MP3A	Mx	.014	2.64
70	MP3B	X	27.785	2.64
71	MP3B	Z	-16.042	2.64
72	MP3B	Mx	-.014	2.64
73	MP3C	X	42.017	2.64
74	MP3C	Z	-24.258	2.64
75	MP3C	Mx	0	2.64
76	OVP2	X	49.949	1
77	OVP2	Z	-28.838	1
78	OVP2	Mx	0	1
79	M200	X	7.712	6.3
80	M200	Z	-4.453	6.3
81	M200	Mx	0	6.3
82	M91	X	7.712	6.3
83	M91	Z	-4.453	6.3
84	M91	Mx	0	6.3
85	OVP1	X	49.949	1
86	OVP1	Z	-28.838	1
87	OVP1	Mx	0	1
88	MP2B	X	12.426	5
89	MP2B	Z	-7.174	5
90	MP2B	Mx	.01	5
91	MP2B	X	12.426	5
92	MP2B	Z	-7.174	5
93	MP2B	Mx	-.01	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	93.643	1.48
2	MP2A	Z	0	1.48
3	MP2A	Mx	-.07	1.48
4	MP2A	X	93.643	4.98
5	MP2A	Z	0	4.98
6	MP2A	Mx	-.07	4.98
7	MP2B	X	130.343	1.48
8	MP2B	Z	0	1.48
9	MP2B	Mx	-.036	1.48
10	MP2B	X	130.343	4.98
11	MP2B	Z	0	4.98
12	MP2B	Mx	-.036	4.98
13	MP2C	X	130.343	1.48
14	MP2C	Z	0	1.48
15	MP2C	Mx	.134	1.48
16	MP2C	X	130.343	4.98
17	MP2C	Z	0	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	.134	4.98
19	MP2A	X	93.643	1.48
20	MP2A	Z	0	1.48
21	MP2A	Mx	-.07	1.48
22	MP2A	X	93.643	4.98
23	MP2A	Z	0	4.98
24	MP2A	Mx	-.07	4.98
25	MP2B	X	130.343	1.48
26	MP2B	Z	0	1.48
27	MP2B	Mx	.134	1.48
28	MP2B	X	130.343	4.98
29	MP2B	Z	0	4.98
30	MP2B	Mx	.134	4.98
31	MP2C	X	130.343	1.48
32	MP2C	Z	0	1.48
33	MP2C	Mx	-.036	1.48
34	MP2C	X	130.343	4.98
35	MP2C	Z	0	4.98
36	MP2C	Mx	-.036	4.98
37	MP1A	X	28.798	2.22
38	MP1A	Z	0	2.22
39	MP1A	Mx	-.014	2.22
40	MP1A	X	28.798	4.22
41	MP1A	Z	0	4.22
42	MP1A	Mx	-.014	4.22
43	MP1B	X	62.368	2.22
44	MP1B	Z	0	2.22
45	MP1B	Mx	.016	2.22
46	MP1B	X	62.368	4.22
47	MP1B	Z	0	4.22
48	MP1B	Mx	.016	4.22
49	MP1C	X	62.368	2.22
50	MP1C	Z	0	2.22
51	MP1C	Mx	.016	2.22
52	MP1C	X	62.368	4.22
53	MP1C	Z	0	4.22
54	MP1C	Mx	.016	4.22
55	M82	X	8.013	6.3
56	M82	Z	0	6.3
57	M82	Mx	0	6.3
58	MP2A	X	32.553	2.64
59	MP2A	Z	0	2.64
60	MP2A	Mx	.016	2.64
61	MP2B	X	44.526	2.64
62	MP2B	Z	0	2.64
63	MP2B	Mx	-.011	2.64
64	MP2C	X	44.526	2.64
65	MP2C	Z	0	2.64
66	MP2C	Mx	-.011	2.64
67	MP3A	X	26.606	2.64
68	MP3A	Z	0	2.64
69	MP3A	Mx	.013	2.64
70	MP3B	X	43.039	2.64
71	MP3B	Z	0	2.64
72	MP3B	Mx	-.011	2.64
73	MP3C	X	43.039	2.64
74	MP3C	Z	0	2.64

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3C	Mx	-.011	2.64
76	OVP2	X	50.817	1
77	OVP2	Z	0	1
78	OVP2	Mx	0	1
79	M200	X	8.013	6.3
80	M200	Z	0	6.3
81	M200	Mx	0	6.3
82	M91	X	8.013	6.3
83	M91	Z	0	6.3
84	M91	Mx	0	6.3
85	OVP1	X	50.817	1
86	OVP1	Z	0	1
87	OVP1	Mx	0	1
88	MP2B	X	24.815	5
89	MP2B	Z	0	5
90	MP2B	Mx	.01	5
91	MP2B	X	24.815	5
92	MP2B	Z	0	5
93	MP2B	Mx	-.01	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	91.691	1.48
2	MP2A	Z	52.938	1.48
3	MP2A	Mx	-.029	1.48
4	MP2A	X	91.691	4.98
5	MP2A	Z	52.938	4.98
6	MP2A	Mx	-.029	4.98
7	MP2B	X	123.475	1.48
8	MP2B	Z	71.288	1.48
9	MP2B	Mx	-.107	1.48
10	MP2B	X	123.475	4.98
11	MP2B	Z	71.288	4.98
12	MP2B	Mx	-.107	4.98
13	MP2C	X	91.691	1.48
14	MP2C	Z	52.938	1.48
15	MP2C	Mx	.108	1.48
16	MP2C	X	91.691	4.98
17	MP2C	Z	52.938	4.98
18	MP2C	Mx	.108	4.98
19	MP2A	X	91.691	1.48
20	MP2A	Z	52.938	1.48
21	MP2A	Mx	-.108	1.48
22	MP2A	X	91.691	4.98
23	MP2A	Z	52.938	4.98
24	MP2A	Mx	-.108	4.98
25	MP2B	X	123.475	1.48
26	MP2B	Z	71.288	1.48
27	MP2B	Mx	.107	1.48
28	MP2B	X	123.475	4.98
29	MP2B	Z	71.288	4.98
30	MP2B	Mx	.107	4.98
31	MP2C	X	91.691	1.48
32	MP2C	Z	52.938	1.48
33	MP2C	Mx	.029	1.48
34	MP2C	X	91.691	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	52.938	4.98
36	MP2C	Mx	.029	4.98
37	MP1A	X	34.63	2.22
38	MP1A	Z	19.994	2.22
39	MP1A	Mx	-.017	2.22
40	MP1A	X	34.63	4.22
41	MP1A	Z	19.994	4.22
42	MP1A	Mx	-.017	4.22
43	MP1B	X	63.703	2.22
44	MP1B	Z	36.779	2.22
45	MP1B	Mx	0	2.22
46	MP1B	X	63.703	4.22
47	MP1B	Z	36.779	4.22
48	MP1B	Mx	0	4.22
49	MP1C	X	34.63	2.22
50	MP1C	Z	19.994	2.22
51	MP1C	Mx	.017	2.22
52	MP1C	X	34.63	4.22
53	MP1C	Z	19.994	4.22
54	MP1C	Mx	.017	4.22
55	M82	X	7.712	6.3
56	M82	Z	4.453	6.3
57	M82	Mx	0	6.3
58	MP2A	X	31.648	2.64
59	MP2A	Z	18.272	2.64
60	MP2A	Mx	.016	2.64
61	MP2B	X	42.017	2.64
62	MP2B	Z	24.258	2.64
63	MP2B	Mx	0	2.64
64	MP2C	X	31.648	2.64
65	MP2C	Z	18.272	2.64
66	MP2C	Mx	-.016	2.64
67	MP3A	X	27.785	2.64
68	MP3A	Z	16.042	2.64
69	MP3A	Mx	.014	2.64
70	MP3B	X	42.017	2.64
71	MP3B	Z	24.258	2.64
72	MP3B	Mx	0	2.64
73	MP3C	X	27.785	2.64
74	MP3C	Z	16.042	2.64
75	MP3C	Mx	-.014	2.64
76	OVP2	X	49.949	1
77	OVP2	Z	28.838	1
78	OVP2	Mx	0	1
79	M200	X	7.712	6.3
80	M200	Z	4.453	6.3
81	M200	Mx	0	6.3
82	M91	X	7.712	6.3
83	M91	Z	4.453	6.3
84	M91	Mx	0	6.3
85	OVP1	X	49.949	1
86	OVP1	Z	28.838	1
87	OVP1	Mx	0	1
88	MP2B	X	26.023	5
89	MP2B	Z	15.025	5
90	MP2B	Mx	0	5
91	MP2B	X	26.023	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP2B	Z	15.025	5
93	MP2B	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	65.172	1.48
2	MP2A	Z	112.881	1.48
3	MP2A	Mx	.036	1.48
4	MP2A	X	65.172	4.98
5	MP2A	Z	112.881	4.98
6	MP2A	Mx	.036	4.98
7	MP2B	X	65.172	1.48
8	MP2B	Z	112.881	1.48
9	MP2B	Mx	-.134	1.48
10	MP2B	X	65.172	4.98
11	MP2B	Z	112.881	4.98
12	MP2B	Mx	-.134	4.98
13	MP2C	X	46.821	1.48
14	MP2C	Z	81.097	1.48
15	MP2C	Mx	.07	1.48
16	MP2C	X	46.821	4.98
17	MP2C	Z	81.097	4.98
18	MP2C	Mx	.07	4.98
19	MP2A	X	65.172	1.48
20	MP2A	Z	112.881	1.48
21	MP2A	Mx	-.134	1.48
22	MP2A	X	65.172	4.98
23	MP2A	Z	112.881	4.98
24	MP2A	Mx	-.134	4.98
25	MP2B	X	65.172	1.48
26	MP2B	Z	112.881	1.48
27	MP2B	Mx	.036	1.48
28	MP2B	X	65.172	4.98
29	MP2B	Z	112.881	4.98
30	MP2B	Mx	.036	4.98
31	MP2C	X	46.821	1.48
32	MP2C	Z	81.097	1.48
33	MP2C	Mx	.07	1.48
34	MP2C	X	46.821	4.98
35	MP2C	Z	81.097	4.98
36	MP2C	Mx	.07	4.98
37	MP1A	X	31.184	2.22
38	MP1A	Z	54.012	2.22
39	MP1A	Mx	-.016	2.22
40	MP1A	X	31.184	4.22
41	MP1A	Z	54.012	4.22
42	MP1A	Mx	-.016	4.22
43	MP1B	X	31.184	2.22
44	MP1B	Z	54.012	2.22
45	MP1B	Mx	-.016	2.22
46	MP1B	X	31.184	4.22
47	MP1B	Z	54.012	4.22
48	MP1B	Mx	-.016	4.22
49	MP1C	X	14.399	2.22
50	MP1C	Z	24.94	2.22
51	MP1C	Mx	.014	2.22

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP1C	X	14.399	4.22
53	MP1C	Z	24.94	4.22
54	MP1C	Mx	.014	4.22
55	M82	X	5.345	6.3
56	M82	Z	9.257	6.3
57	M82	Mx	0	6.3
58	MP2A	X	22.263	2.64
59	MP2A	Z	38.561	2.64
60	MP2A	Mx	.011	2.64
61	MP2B	X	22.263	2.64
62	MP2B	Z	38.561	2.64
63	MP2B	Mx	.011	2.64
64	MP2C	X	16.277	2.64
65	MP2C	Z	28.192	2.64
66	MP2C	Mx	-.016	2.64
67	MP3A	X	21.52	2.64
68	MP3A	Z	37.273	2.64
69	MP3A	Mx	.011	2.64
70	MP3B	X	21.52	2.64
71	MP3B	Z	37.273	2.64
72	MP3B	Mx	.011	2.64
73	MP3C	X	13.303	2.64
74	MP3C	Z	23.041	2.64
75	MP3C	Mx	-.013	2.64
76	OVP2	X	35.697	1
77	OVP2	Z	61.829	1
78	OVP2	Mx	0	1
79	M200	X	5.345	6.3
80	M200	Z	9.257	6.3
81	M200	Mx	0	6.3
82	M91	X	5.345	6.3
83	M91	Z	9.257	6.3
84	M91	Mx	0	6.3
85	OVP1	X	35.697	1
86	OVP1	Z	61.829	1
87	OVP1	Mx	0	1
88	MP2B	X	12.408	5
89	MP2B	Z	21.491	5
90	MP2B	Mx	-.01	5
91	MP2B	X	12.408	5
92	MP2B	Z	21.491	5
93	MP2B	Mx	.01	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.48
2	MP2A	Z	142.577	1.48
3	MP2A	Mx	.107	1.48
4	MP2A	X	0	4.98
5	MP2A	Z	142.577	4.98
6	MP2A	Mx	.107	4.98
7	MP2B	X	0	1.48
8	MP2B	Z	105.876	1.48
9	MP2B	Mx	-.108	1.48
10	MP2B	X	0	4.98
11	MP2B	Z	105.876	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	-.108	4.98
13	MP2C	X	0	1.48
14	MP2C	Z	105.876	1.48
15	MP2C	Mx	.029	1.48
16	MP2C	X	0	4.98
17	MP2C	Z	105.876	4.98
18	MP2C	Mx	.029	4.98
19	MP2A	X	0	1.48
20	MP2A	Z	142.577	1.48
21	MP2A	Mx	-.107	1.48
22	MP2A	X	0	4.98
23	MP2A	Z	142.577	4.98
24	MP2A	Mx	-.107	4.98
25	MP2B	X	0	1.48
26	MP2B	Z	105.876	1.48
27	MP2B	Mx	-.029	1.48
28	MP2B	X	0	4.98
29	MP2B	Z	105.876	4.98
30	MP2B	Mx	-.029	4.98
31	MP2C	X	0	1.48
32	MP2C	Z	105.876	1.48
33	MP2C	Mx	.108	1.48
34	MP2C	X	0	4.98
35	MP2C	Z	105.876	4.98
36	MP2C	Mx	.108	4.98
37	MP1A	X	0	2.22
38	MP1A	Z	73.558	2.22
39	MP1A	Mx	0	2.22
40	MP1A	X	0	4.22
41	MP1A	Z	73.558	4.22
42	MP1A	Mx	0	4.22
43	MP1B	X	0	2.22
44	MP1B	Z	39.988	2.22
45	MP1B	Mx	-.017	2.22
46	MP1B	X	0	4.22
47	MP1B	Z	39.988	4.22
48	MP1B	Mx	-.017	4.22
49	MP1C	X	0	2.22
50	MP1C	Z	39.988	2.22
51	MP1C	Mx	.017	2.22
52	MP1C	X	0	4.22
53	MP1C	Z	39.988	4.22
54	MP1C	Mx	.017	4.22
55	M82	X	0	6.3
56	M82	Z	11.581	6.3
57	M82	Mx	0	6.3
58	MP2A	X	0	2.64
59	MP2A	Z	48.517	2.64
60	MP2A	Mx	0	2.64
61	MP2B	X	0	2.64
62	MP2B	Z	36.544	2.64
63	MP2B	Mx	.016	2.64
64	MP2C	X	0	2.64
65	MP2C	Z	36.544	2.64
66	MP2C	Mx	-.016	2.64
67	MP3A	X	0	2.64
68	MP3A	Z	48.517	2.64

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3A	Mx	0	2.64
70	MP3B	X	0	2.64
71	MP3B	Z	32.084	2.64
72	MP3B	Mx	.014	2.64
73	MP3C	X	0	2.64
74	MP3C	Z	32.084	2.64
75	MP3C	Mx	-.014	2.64
76	OVP2	X	0	1
77	OVP2	Z	78.253	1
78	OVP2	Mx	0	1
79	M200	X	0	6.3
80	M200	Z	11.581	6.3
81	M200	Mx	0	6.3
82	M91	X	0	6.3
83	M91	Z	11.581	6.3
84	M91	Mx	0	6.3
85	OVP1	X	0	1
86	OVP1	Z	78.253	1
87	OVP1	Mx	0	1
88	MP2B	X	0	5
89	MP2B	Z	14.348	5
90	MP2B	Mx	-.01	5
91	MP2B	X	0	5
92	MP2B	Z	14.348	5
93	MP2B	Mx	.01	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-65.172	1.48
2	MP2A	Z	112.881	1.48
3	MP2A	Mx	.134	1.48
4	MP2A	X	-65.172	4.98
5	MP2A	Z	112.881	4.98
6	MP2A	Mx	.134	4.98
7	MP2B	X	-46.821	1.48
8	MP2B	Z	81.097	1.48
9	MP2B	Mx	-.07	1.48
10	MP2B	X	-46.821	4.98
11	MP2B	Z	81.097	4.98
12	MP2B	Mx	-.07	4.98
13	MP2C	X	-65.172	1.48
14	MP2C	Z	112.881	1.48
15	MP2C	Mx	-.036	1.48
16	MP2C	X	-65.172	4.98
17	MP2C	Z	112.881	4.98
18	MP2C	Mx	-.036	4.98
19	MP2A	X	-65.172	1.48
20	MP2A	Z	112.881	1.48
21	MP2A	Mx	-.036	1.48
22	MP2A	X	-65.172	4.98
23	MP2A	Z	112.881	4.98
24	MP2A	Mx	-.036	4.98
25	MP2B	X	-46.821	1.48
26	MP2B	Z	81.097	1.48
27	MP2B	Mx	-.07	1.48
28	MP2B	X	-46.821	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	Z	81.097	4.98
30	MP2B	Mx	-.07	4.98
31	MP2C	X	-65.172	1.48
32	MP2C	Z	112.881	1.48
33	MP2C	Mx	.134	1.48
34	MP2C	X	-65.172	4.98
35	MP2C	Z	112.881	4.98
36	MP2C	Mx	.134	4.98
37	MP1A	X	-31.184	2.22
38	MP1A	Z	54.012	2.22
39	MP1A	Mx	.016	2.22
40	MP1A	X	-31.184	4.22
41	MP1A	Z	54.012	4.22
42	MP1A	Mx	.016	4.22
43	MP1B	X	-14.399	2.22
44	MP1B	Z	24.94	2.22
45	MP1B	Mx	-.014	2.22
46	MP1B	X	-14.399	4.22
47	MP1B	Z	24.94	4.22
48	MP1B	Mx	-.014	4.22
49	MP1C	X	-31.184	2.22
50	MP1C	Z	54.012	2.22
51	MP1C	Mx	.016	2.22
52	MP1C	X	-31.184	4.22
53	MP1C	Z	54.012	4.22
54	MP1C	Mx	.016	4.22
55	M82	X	-5.345	6.3
56	M82	Z	9.257	6.3
57	M82	Mx	0	6.3
58	MP2A	X	-22.263	2.64
59	MP2A	Z	38.561	2.64
60	MP2A	Mx	-.011	2.64
61	MP2B	X	-16.277	2.64
62	MP2B	Z	28.192	2.64
63	MP2B	Mx	.016	2.64
64	MP2C	X	-22.263	2.64
65	MP2C	Z	38.561	2.64
66	MP2C	Mx	-.011	2.64
67	MP3A	X	-21.52	2.64
68	MP3A	Z	37.273	2.64
69	MP3A	Mx	-.011	2.64
70	MP3B	X	-13.303	2.64
71	MP3B	Z	23.041	2.64
72	MP3B	Mx	.013	2.64
73	MP3C	X	-21.52	2.64
74	MP3C	Z	37.273	2.64
75	MP3C	Mx	-.011	2.64
76	OVP2	X	-35.697	1
77	OVP2	Z	61.829	1
78	OVP2	Mx	0	1
79	M200	X	-5.345	6.3
80	M200	Z	9.257	6.3
81	M200	Mx	0	6.3
82	M91	X	-5.345	6.3
83	M91	Z	9.257	6.3
84	M91	Mx	0	6.3
85	OVP1	X	-35.697	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	OVP1	Z	61.829	1
87	OVP1	Mx	0	1
88	MP2B	X	-4.557	5
89	MP2B	Z	7.893	5
90	MP2B	Mx	-.008	5
91	MP2B	X	-4.557	5
92	MP2B	Z	7.893	5
93	MP2B	Mx	.008	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-91.691	1.48
2	MP2A	Z	52.938	1.48
3	MP2A	Mx	.108	1.48
4	MP2A	X	-91.691	4.98
5	MP2A	Z	52.938	4.98
6	MP2A	Mx	.108	4.98
7	MP2B	X	-91.691	1.48
8	MP2B	Z	52.938	1.48
9	MP2B	Mx	-.029	1.48
10	MP2B	X	-91.691	4.98
11	MP2B	Z	52.938	4.98
12	MP2B	Mx	-.029	4.98
13	MP2C	X	-123.475	1.48
14	MP2C	Z	71.288	1.48
15	MP2C	Mx	-.107	1.48
16	MP2C	X	-123.475	4.98
17	MP2C	Z	71.288	4.98
18	MP2C	Mx	-.107	4.98
19	MP2A	X	-91.691	1.48
20	MP2A	Z	52.938	1.48
21	MP2A	Mx	.029	1.48
22	MP2A	X	-91.691	4.98
23	MP2A	Z	52.938	4.98
24	MP2A	Mx	.029	4.98
25	MP2B	X	-91.691	1.48
26	MP2B	Z	52.938	1.48
27	MP2B	Mx	-.108	1.48
28	MP2B	X	-91.691	4.98
29	MP2B	Z	52.938	4.98
30	MP2B	Mx	-.108	4.98
31	MP2C	X	-123.475	1.48
32	MP2C	Z	71.288	1.48
33	MP2C	Mx	.107	1.48
34	MP2C	X	-123.475	4.98
35	MP2C	Z	71.288	4.98
36	MP2C	Mx	.107	4.98
37	MP1A	X	-34.63	2.22
38	MP1A	Z	19.994	2.22
39	MP1A	Mx	.017	2.22
40	MP1A	X	-34.63	4.22
41	MP1A	Z	19.994	4.22
42	MP1A	Mx	.017	4.22
43	MP1B	X	-34.63	2.22
44	MP1B	Z	19.994	2.22
45	MP1B	Mx	-.017	2.22

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP1B	X	-34.63	4.22
47	MP1B	Z	19.994	4.22
48	MP1B	Mx	-.017	4.22
49	MP1C	X	-63.703	2.22
50	MP1C	Z	36.779	2.22
51	MP1C	Mx	0	2.22
52	MP1C	X	-63.703	4.22
53	MP1C	Z	36.779	4.22
54	MP1C	Mx	0	4.22
55	M82	X	-7.712	6.3
56	M82	Z	4.453	6.3
57	M82	Mx	0	6.3
58	MP2A	X	-31.648	2.64
59	MP2A	Z	18.272	2.64
60	MP2A	Mx	-.016	2.64
61	MP2B	X	-31.648	2.64
62	MP2B	Z	18.272	2.64
63	MP2B	Mx	.016	2.64
64	MP2C	X	-42.017	2.64
65	MP2C	Z	24.258	2.64
66	MP2C	Mx	0	2.64
67	MP3A	X	-27.785	2.64
68	MP3A	Z	16.042	2.64
69	MP3A	Mx	-.014	2.64
70	MP3B	X	-27.785	2.64
71	MP3B	Z	16.042	2.64
72	MP3B	Mx	.014	2.64
73	MP3C	X	-42.017	2.64
74	MP3C	Z	24.258	2.64
75	MP3C	Mx	0	2.64
76	OVP2	X	-49.949	1
77	OVP2	Z	28.838	1
78	OVP2	Mx	0	1
79	M200	X	-7.712	6.3
80	M200	Z	4.453	6.3
81	M200	Mx	0	6.3
82	M91	X	-7.712	6.3
83	M91	Z	4.453	6.3
84	M91	Mx	0	6.3
85	OVP1	X	-49.949	1
86	OVP1	Z	28.838	1
87	OVP1	Mx	0	1
88	MP2B	X	-12.426	5
89	MP2B	Z	7.174	5
90	MP2B	Mx	-.01	5
91	MP2B	X	-12.426	5
92	MP2B	Z	7.174	5
93	MP2B	Mx	.01	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-93.643	1.48
2	MP2A	Z	0	1.48
3	MP2A	Mx	.07	1.48
4	MP2A	X	-93.643	4.98
5	MP2A	Z	0	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP2A	Mx	.07	4.98
7	MP2B	X	-130.343	1.48
8	MP2B	Z	0	1.48
9	MP2B	Mx	.036	1.48
10	MP2B	X	-130.343	4.98
11	MP2B	Z	0	4.98
12	MP2B	Mx	.036	4.98
13	MP2C	X	-130.343	1.48
14	MP2C	Z	0	1.48
15	MP2C	Mx	-.134	1.48
16	MP2C	X	-130.343	4.98
17	MP2C	Z	0	4.98
18	MP2C	Mx	-.134	4.98
19	MP2A	X	-93.643	1.48
20	MP2A	Z	0	1.48
21	MP2A	Mx	.07	1.48
22	MP2A	X	-93.643	4.98
23	MP2A	Z	0	4.98
24	MP2A	Mx	.07	4.98
25	MP2B	X	-130.343	1.48
26	MP2B	Z	0	1.48
27	MP2B	Mx	-.134	1.48
28	MP2B	X	-130.343	4.98
29	MP2B	Z	0	4.98
30	MP2B	Mx	-.134	4.98
31	MP2C	X	-130.343	1.48
32	MP2C	Z	0	1.48
33	MP2C	Mx	.036	1.48
34	MP2C	X	-130.343	4.98
35	MP2C	Z	0	4.98
36	MP2C	Mx	.036	4.98
37	MP1A	X	-28.798	2.22
38	MP1A	Z	0	2.22
39	MP1A	Mx	.014	2.22
40	MP1A	X	-28.798	4.22
41	MP1A	Z	0	4.22
42	MP1A	Mx	.014	4.22
43	MP1B	X	-62.368	2.22
44	MP1B	Z	0	2.22
45	MP1B	Mx	-.016	2.22
46	MP1B	X	-62.368	4.22
47	MP1B	Z	0	4.22
48	MP1B	Mx	-.016	4.22
49	MP1C	X	-62.368	2.22
50	MP1C	Z	0	2.22
51	MP1C	Mx	-.016	2.22
52	MP1C	X	-62.368	4.22
53	MP1C	Z	0	4.22
54	MP1C	Mx	-.016	4.22
55	M82	X	-8.013	6.3
56	M82	Z	0	6.3
57	M82	Mx	0	6.3
58	MP2A	X	-32.553	2.64
59	MP2A	Z	0	2.64
60	MP2A	Mx	-.016	2.64
61	MP2B	X	-44.526	2.64
62	MP2B	Z	0	2.64

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP2B	Mx	.011	2.64
64	MP2C	X	-44.526	2.64
65	MP2C	Z	0	2.64
66	MP2C	Mx	.011	2.64
67	MP3A	X	-26.606	2.64
68	MP3A	Z	0	2.64
69	MP3A	Mx	-.013	2.64
70	MP3B	X	-43.039	2.64
71	MP3B	Z	0	2.64
72	MP3B	Mx	.011	2.64
73	MP3C	X	-43.039	2.64
74	MP3C	Z	0	2.64
75	MP3C	Mx	.011	2.64
76	OVP2	X	-50.817	1
77	OVP2	Z	0	1
78	OVP2	Mx	0	1
79	M200	X	-8.013	6.3
80	M200	Z	0	6.3
81	M200	Mx	0	6.3
82	M91	X	-8.013	6.3
83	M91	Z	0	6.3
84	M91	Mx	0	6.3
85	OVP1	X	-50.817	1
86	OVP1	Z	0	1
87	OVP1	Mx	0	1
88	MP2B	X	-24.815	5
89	MP2B	Z	0	5
90	MP2B	Mx	-.01	5
91	MP2B	X	-24.815	5
92	MP2B	Z	0	5
93	MP2B	Mx	.01	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-91.691	1.48
2	MP2A	Z	-52.938	1.48
3	MP2A	Mx	.029	1.48
4	MP2A	X	-91.691	4.98
5	MP2A	Z	-52.938	4.98
6	MP2A	Mx	.029	4.98
7	MP2B	X	-123.475	1.48
8	MP2B	Z	-71.288	1.48
9	MP2B	Mx	.107	1.48
10	MP2B	X	-123.475	4.98
11	MP2B	Z	-71.288	4.98
12	MP2B	Mx	.107	4.98
13	MP2C	X	-91.691	1.48
14	MP2C	Z	-52.938	1.48
15	MP2C	Mx	-.108	1.48
16	MP2C	X	-91.691	4.98
17	MP2C	Z	-52.938	4.98
18	MP2C	Mx	-.108	4.98
19	MP2A	X	-91.691	1.48
20	MP2A	Z	-52.938	1.48
21	MP2A	Mx	.108	1.48
22	MP2A	X	-91.691	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	-52.938	4.98
24	MP2A	Mx	.108	4.98
25	MP2B	X	-123.475	1.48
26	MP2B	Z	-71.288	1.48
27	MP2B	Mx	-.107	1.48
28	MP2B	X	-123.475	4.98
29	MP2B	Z	-71.288	4.98
30	MP2B	Mx	-.107	4.98
31	MP2C	X	-91.691	1.48
32	MP2C	Z	-52.938	1.48
33	MP2C	Mx	-.029	1.48
34	MP2C	X	-91.691	4.98
35	MP2C	Z	-52.938	4.98
36	MP2C	Mx	-.029	4.98
37	MP1A	X	-34.63	2.22
38	MP1A	Z	-19.994	2.22
39	MP1A	Mx	.017	2.22
40	MP1A	X	-34.63	4.22
41	MP1A	Z	-19.994	4.22
42	MP1A	Mx	.017	4.22
43	MP1B	X	-63.703	2.22
44	MP1B	Z	-36.779	2.22
45	MP1B	Mx	0	2.22
46	MP1B	X	-63.703	4.22
47	MP1B	Z	-36.779	4.22
48	MP1B	Mx	0	4.22
49	MP1C	X	-34.63	2.22
50	MP1C	Z	-19.994	2.22
51	MP1C	Mx	-.017	2.22
52	MP1C	X	-34.63	4.22
53	MP1C	Z	-19.994	4.22
54	MP1C	Mx	-.017	4.22
55	M82	X	-7.712	6.3
56	M82	Z	-4.453	6.3
57	M82	Mx	0	6.3
58	MP2A	X	-31.648	2.64
59	MP2A	Z	-18.272	2.64
60	MP2A	Mx	-.016	2.64
61	MP2B	X	-42.017	2.64
62	MP2B	Z	-24.258	2.64
63	MP2B	Mx	0	2.64
64	MP2C	X	-31.648	2.64
65	MP2C	Z	-18.272	2.64
66	MP2C	Mx	.016	2.64
67	MP3A	X	-27.785	2.64
68	MP3A	Z	-16.042	2.64
69	MP3A	Mx	-.014	2.64
70	MP3B	X	-42.017	2.64
71	MP3B	Z	-24.258	2.64
72	MP3B	Mx	0	2.64
73	MP3C	X	-27.785	2.64
74	MP3C	Z	-16.042	2.64
75	MP3C	Mx	.014	2.64
76	OVP2	X	-49.949	1
77	OVP2	Z	-28.838	1
78	OVP2	Mx	0	1
79	M200	X	-7.712	6.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	M200	Z	-4.453	6.3
81	M200	Mx	0	6.3
82	M91	X	-7.712	6.3
83	M91	Z	-4.453	6.3
84	M91	Mx	0	6.3
85	OVP1	X	-49.949	1
86	OVP1	Z	-28.838	1
87	OVP1	Mx	0	1
88	MP2B	X	-26.023	5
89	MP2B	Z	-15.025	5
90	MP2B	Mx	0	5
91	MP2B	X	-26.023	5
92	MP2B	Z	-15.025	5
93	MP2B	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-65.172	1.48
2	MP2A	Z	-112.881	1.48
3	MP2A	Mx	-.036	1.48
4	MP2A	X	-65.172	4.98
5	MP2A	Z	-112.881	4.98
6	MP2A	Mx	-.036	4.98
7	MP2B	X	-65.172	1.48
8	MP2B	Z	-112.881	1.48
9	MP2B	Mx	.134	1.48
10	MP2B	X	-65.172	4.98
11	MP2B	Z	-112.881	4.98
12	MP2B	Mx	.134	4.98
13	MP2C	X	-46.821	1.48
14	MP2C	Z	-81.097	1.48
15	MP2C	Mx	-.07	1.48
16	MP2C	X	-46.821	4.98
17	MP2C	Z	-81.097	4.98
18	MP2C	Mx	-.07	4.98
19	MP2A	X	-65.172	1.48
20	MP2A	Z	-112.881	1.48
21	MP2A	Mx	.134	1.48
22	MP2A	X	-65.172	4.98
23	MP2A	Z	-112.881	4.98
24	MP2A	Mx	.134	4.98
25	MP2B	X	-65.172	1.48
26	MP2B	Z	-112.881	1.48
27	MP2B	Mx	-.036	1.48
28	MP2B	X	-65.172	4.98
29	MP2B	Z	-112.881	4.98
30	MP2B	Mx	-.036	4.98
31	MP2C	X	-46.821	1.48
32	MP2C	Z	-81.097	1.48
33	MP2C	Mx	-.07	1.48
34	MP2C	X	-46.821	4.98
35	MP2C	Z	-81.097	4.98
36	MP2C	Mx	-.07	4.98
37	MP1A	X	-31.184	2.22
38	MP1A	Z	-54.012	2.22
39	MP1A	Mx	.016	2.22

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP1A	X	-31.184	4.22
41	MP1A	Z	-54.012	4.22
42	MP1A	Mx	.016	4.22
43	MP1B	X	-31.184	2.22
44	MP1B	Z	-54.012	2.22
45	MP1B	Mx	.016	2.22
46	MP1B	X	-31.184	4.22
47	MP1B	Z	-54.012	4.22
48	MP1B	Mx	.016	4.22
49	MP1C	X	-14.399	2.22
50	MP1C	Z	-24.94	2.22
51	MP1C	Mx	-.014	2.22
52	MP1C	X	-14.399	4.22
53	MP1C	Z	-24.94	4.22
54	MP1C	Mx	-.014	4.22
55	M82	X	-5.345	6.3
56	M82	Z	-9.257	6.3
57	M82	Mx	0	6.3
58	MP2A	X	-22.263	2.64
59	MP2A	Z	-38.561	2.64
60	MP2A	Mx	-.011	2.64
61	MP2B	X	-22.263	2.64
62	MP2B	Z	-38.561	2.64
63	MP2B	Mx	-.011	2.64
64	MP2C	X	-16.277	2.64
65	MP2C	Z	-28.192	2.64
66	MP2C	Mx	.016	2.64
67	MP3A	X	-21.52	2.64
68	MP3A	Z	-37.273	2.64
69	MP3A	Mx	-.011	2.64
70	MP3B	X	-21.52	2.64
71	MP3B	Z	-37.273	2.64
72	MP3B	Mx	-.011	2.64
73	MP3C	X	-13.303	2.64
74	MP3C	Z	-23.041	2.64
75	MP3C	Mx	.013	2.64
76	OVP2	X	-35.697	1
77	OVP2	Z	-61.829	1
78	OVP2	Mx	0	1
79	M200	X	-5.345	6.3
80	M200	Z	-9.257	6.3
81	M200	Mx	0	6.3
82	M91	X	-5.345	6.3
83	M91	Z	-9.257	6.3
84	M91	Mx	0	6.3
85	OVP1	X	-35.697	1
86	OVP1	Z	-61.829	1
87	OVP1	Mx	0	1
88	MP2B	X	-12.408	5
89	MP2B	Z	-21.491	5
90	MP2B	Mx	.01	5
91	MP2B	X	-12.408	5
92	MP2B	Z	-21.491	5
93	MP2B	Mx	-.01	5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.48
2	MP2A	Z	-27.06	1.48
3	MP2A	Mx	-.02	1.48
4	MP2A	X	0	4.98
5	MP2A	Z	-27.06	4.98
6	MP2A	Mx	-.02	4.98
7	MP2B	X	0	1.48
8	MP2B	Z	-20.596	1.48
9	MP2B	Mx	.021	1.48
10	MP2B	X	0	4.98
11	MP2B	Z	-20.596	4.98
12	MP2B	Mx	.021	4.98
13	MP2C	X	0	1.48
14	MP2C	Z	-20.596	1.48
15	MP2C	Mx	-.006	1.48
16	MP2C	X	0	4.98
17	MP2C	Z	-20.596	4.98
18	MP2C	Mx	-.006	4.98
19	MP2A	X	0	1.48
20	MP2A	Z	-27.06	1.48
21	MP2A	Mx	.02	1.48
22	MP2A	X	0	4.98
23	MP2A	Z	-27.06	4.98
24	MP2A	Mx	.02	4.98
25	MP2B	X	0	1.48
26	MP2B	Z	-20.596	1.48
27	MP2B	Mx	.006	1.48
28	MP2B	X	0	4.98
29	MP2B	Z	-20.596	4.98
30	MP2B	Mx	.006	4.98
31	MP2C	X	0	1.48
32	MP2C	Z	-20.596	1.48
33	MP2C	Mx	-.021	1.48
34	MP2C	X	0	4.98
35	MP2C	Z	-20.596	4.98
36	MP2C	Mx	-.021	4.98
37	MP1A	X	0	2.22
38	MP1A	Z	-14.382	2.22
39	MP1A	Mx	0	2.22
40	MP1A	X	0	4.22
41	MP1A	Z	-14.382	4.22
42	MP1A	Mx	0	4.22
43	MP1B	X	0	2.22
44	MP1B	Z	-8.18	2.22
45	MP1B	Mx	.004	2.22
46	MP1B	X	0	4.22
47	MP1B	Z	-8.18	4.22
48	MP1B	Mx	.004	4.22
49	MP1C	X	0	2.22
50	MP1C	Z	-8.18	2.22
51	MP1C	Mx	-.004	2.22
52	MP1C	X	0	4.22
53	MP1C	Z	-8.18	4.22
54	MP1C	Mx	-.004	4.22
55	M82	X	0	6.3
56	M82	Z	-2.923	6.3
57	M82	Mx	0	6.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	0	2.64
59	MP2A	Z	-12.104	2.64
60	MP2A	Mx	0	2.64
61	MP2B	X	0	2.64
62	MP2B	Z	-9.334	2.64
63	MP2B	Mx	-.004	2.64
64	MP2C	X	0	2.64
65	MP2C	Z	-9.334	2.64
66	MP2C	Mx	.004	2.64
67	MP3A	X	0	2.64
68	MP3A	Z	-12.104	2.64
69	MP3A	Mx	0	2.64
70	MP3B	X	0	2.64
71	MP3B	Z	-8.281	2.64
72	MP3B	Mx	-.004	2.64
73	MP3C	X	0	2.64
74	MP3C	Z	-8.281	2.64
75	MP3C	Mx	.004	2.64
76	OVP2	X	0	1
77	OVP2	Z	-15.779	1
78	OVP2	Mx	0	1
79	M200	X	0	6.3
80	M200	Z	-2.923	6.3
81	M200	Mx	0	6.3
82	M91	X	0	6.3
83	M91	Z	-2.923	6.3
84	M91	Mx	0	6.3
85	OVP1	X	0	1
86	OVP1	Z	-15.779	1
87	OVP1	Mx	0	1
88	MP2B	X	0	5
89	MP2B	Z	-3.527	5
90	MP2B	Mx	.003	5
91	MP2B	X	0	5
92	MP2B	Z	-3.527	5
93	MP2B	Mx	-.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	12.453	1.48
2	MP2A	Z	-21.569	1.48
3	MP2A	Mx	-.026	1.48
4	MP2A	X	12.453	4.98
5	MP2A	Z	-21.569	4.98
6	MP2A	Mx	-.026	4.98
7	MP2B	X	9.221	1.48
8	MP2B	Z	-15.971	1.48
9	MP2B	Mx	.014	1.48
10	MP2B	X	9.221	4.98
11	MP2B	Z	-15.971	4.98
12	MP2B	Mx	.014	4.98
13	MP2C	X	12.453	1.48
14	MP2C	Z	-21.569	1.48
15	MP2C	Mx	.007	1.48
16	MP2C	X	12.453	4.98
17	MP2C	Z	-21.569	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	.007	4.98
19	MP2A	X	12.453	1.48
20	MP2A	Z	-21.569	1.48
21	MP2A	Mx	.007	1.48
22	MP2A	X	12.453	4.98
23	MP2A	Z	-21.569	4.98
24	MP2A	Mx	.007	4.98
25	MP2B	X	9.221	1.48
26	MP2B	Z	-15.971	1.48
27	MP2B	Mx	.014	1.48
28	MP2B	X	9.221	4.98
29	MP2B	Z	-15.971	4.98
30	MP2B	Mx	.014	4.98
31	MP2C	X	12.453	1.48
32	MP2C	Z	-21.569	1.48
33	MP2C	Mx	-.026	1.48
34	MP2C	X	12.453	4.98
35	MP2C	Z	-21.569	4.98
36	MP2C	Mx	-.026	4.98
37	MP1A	X	6.157	2.22
38	MP1A	Z	-10.665	2.22
39	MP1A	Mx	-.003	2.22
40	MP1A	X	6.157	4.22
41	MP1A	Z	-10.665	4.22
42	MP1A	Mx	-.003	4.22
43	MP1B	X	3.056	2.22
44	MP1B	Z	-5.294	2.22
45	MP1B	Mx	.003	2.22
46	MP1B	X	3.056	4.22
47	MP1B	Z	-5.294	4.22
48	MP1B	Mx	.003	4.22
49	MP1C	X	6.157	2.22
50	MP1C	Z	-10.665	2.22
51	MP1C	Mx	-.003	2.22
52	MP1C	X	6.157	4.22
53	MP1C	Z	-10.665	4.22
54	MP1C	Mx	-.003	4.22
55	M82	X	1.37	6.3
56	M82	Z	-2.373	6.3
57	M82	Mx	0	6.3
58	MP2A	X	5.59	2.64
59	MP2A	Z	-9.683	2.64
60	MP2A	Mx	.003	2.64
61	MP2B	X	4.205	2.64
62	MP2B	Z	-7.284	2.64
63	MP2B	Mx	-.004	2.64
64	MP2C	X	5.59	2.64
65	MP2C	Z	-9.683	2.64
66	MP2C	Mx	.003	2.64
67	MP3A	X	5.415	2.64
68	MP3A	Z	-9.379	2.64
69	MP3A	Mx	.003	2.64
70	MP3B	X	3.504	2.64
71	MP3B	Z	-6.068	2.64
72	MP3B	Mx	-.004	2.64
73	MP3C	X	5.415	2.64
74	MP3C	Z	-9.379	2.64

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3C	Mx	.003	2.64
76	OVP2	X	7.254	1
77	OVP2	Z	-12.565	1
78	OVP2	Mx	0	1
79	M200	X	1.37	6.3
80	M200	Z	-2.373	6.3
81	M200	Mx	0	6.3
82	M91	X	1.37	6.3
83	M91	Z	-2.373	6.3
84	M91	Mx	0	6.3
85	OVP1	X	7.254	1
86	OVP1	Z	-12.565	1
87	OVP1	Mx	0	1
88	MP2B	X	1.244	5
89	MP2B	Z	-2.155	5
90	MP2B	Mx	.002	5
91	MP2B	X	1.244	5
92	MP2B	Z	-2.155	5
93	MP2B	Mx	-.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	17.837	1.48
2	MP2A	Z	-10.298	1.48
3	MP2A	Mx	-.021	1.48
4	MP2A	X	17.837	4.98
5	MP2A	Z	-10.298	4.98
6	MP2A	Mx	-.021	4.98
7	MP2B	X	17.837	1.48
8	MP2B	Z	-10.298	1.48
9	MP2B	Mx	.006	1.48
10	MP2B	X	17.837	4.98
11	MP2B	Z	-10.298	4.98
12	MP2B	Mx	.006	4.98
13	MP2C	X	23.435	1.48
14	MP2C	Z	-13.53	1.48
15	MP2C	Mx	.02	1.48
16	MP2C	X	23.435	4.98
17	MP2C	Z	-13.53	4.98
18	MP2C	Mx	.02	4.98
19	MP2A	X	17.837	1.48
20	MP2A	Z	-10.298	1.48
21	MP2A	Mx	-.006	1.48
22	MP2A	X	17.837	4.98
23	MP2A	Z	-10.298	4.98
24	MP2A	Mx	-.006	4.98
25	MP2B	X	17.837	1.48
26	MP2B	Z	-10.298	1.48
27	MP2B	Mx	.021	1.48
28	MP2B	X	17.837	4.98
29	MP2B	Z	-10.298	4.98
30	MP2B	Mx	.021	4.98
31	MP2C	X	23.435	1.48
32	MP2C	Z	-13.53	1.48
33	MP2C	Mx	-.02	1.48
34	MP2C	X	23.435	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	-13.53	4.98
36	MP2C	Mx	-.02	4.98
37	MP1A	X	7.084	2.22
38	MP1A	Z	-4.09	2.22
39	MP1A	Mx	-.004	2.22
40	MP1A	X	7.084	4.22
41	MP1A	Z	-4.09	4.22
42	MP1A	Mx	-.004	4.22
43	MP1B	X	7.084	2.22
44	MP1B	Z	-4.09	2.22
45	MP1B	Mx	.004	2.22
46	MP1B	X	7.084	4.22
47	MP1B	Z	-4.09	4.22
48	MP1B	Mx	.004	4.22
49	MP1C	X	12.455	2.22
50	MP1C	Z	-7.191	2.22
51	MP1C	Mx	0	2.22
52	MP1C	X	12.455	4.22
53	MP1C	Z	-7.191	4.22
54	MP1C	Mx	0	4.22
55	M82	X	2.055	6.3
56	M82	Z	-1.186	6.3
57	M82	Mx	0	6.3
58	MP2A	X	8.083	2.64
59	MP2A	Z	-4.667	2.64
60	MP2A	Mx	.004	2.64
61	MP2B	X	8.083	2.64
62	MP2B	Z	-4.667	2.64
63	MP2B	Mx	-.004	2.64
64	MP2C	X	10.482	2.64
65	MP2C	Z	-6.052	2.64
66	MP2C	Mx	0	2.64
67	MP3A	X	7.172	2.64
68	MP3A	Z	-4.141	2.64
69	MP3A	Mx	.004	2.64
70	MP3B	X	7.172	2.64
71	MP3B	Z	-4.141	2.64
72	MP3B	Mx	-.004	2.64
73	MP3C	X	10.482	2.64
74	MP3C	Z	-6.052	2.64
75	MP3C	Mx	0	2.64
76	OVP2	X	10.363	1
77	OVP2	Z	-5.983	1
78	OVP2	Mx	0	1
79	M200	X	2.055	6.3
80	M200	Z	-1.186	6.3
81	M200	Mx	0	6.3
82	M91	X	2.055	6.3
83	M91	Z	-1.186	6.3
84	M91	Mx	0	6.3
85	OVP1	X	10.363	1
86	OVP1	Z	-5.983	1
87	OVP1	Mx	0	1
88	MP2B	X	3.055	5
89	MP2B	Z	-1.764	5
90	MP2B	Mx	.003	5
91	MP2B	X	3.055	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP2B	Z	-1.764	5
93	MP2B	Mx	-.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	18.441	1.48
2	MP2A	Z	0	1.48
3	MP2A	Mx	-.014	1.48
4	MP2A	X	18.441	4.98
5	MP2A	Z	0	4.98
6	MP2A	Mx	-.014	4.98
7	MP2B	X	24.905	1.48
8	MP2B	Z	0	1.48
9	MP2B	Mx	-.007	1.48
10	MP2B	X	24.905	4.98
11	MP2B	Z	0	4.98
12	MP2B	Mx	-.007	4.98
13	MP2C	X	24.905	1.48
14	MP2C	Z	0	1.48
15	MP2C	Mx	.026	1.48
16	MP2C	X	24.905	4.98
17	MP2C	Z	0	4.98
18	MP2C	Mx	.026	4.98
19	MP2A	X	18.441	1.48
20	MP2A	Z	0	1.48
21	MP2A	Mx	-.014	1.48
22	MP2A	X	18.441	4.98
23	MP2A	Z	0	4.98
24	MP2A	Mx	-.014	4.98
25	MP2B	X	24.905	1.48
26	MP2B	Z	0	1.48
27	MP2B	Mx	.026	1.48
28	MP2B	X	24.905	4.98
29	MP2B	Z	0	4.98
30	MP2B	Mx	.026	4.98
31	MP2C	X	24.905	1.48
32	MP2C	Z	0	1.48
33	MP2C	Mx	-.007	1.48
34	MP2C	X	24.905	4.98
35	MP2C	Z	0	4.98
36	MP2C	Mx	-.007	4.98
37	MP1A	X	6.113	2.22
38	MP1A	Z	0	2.22
39	MP1A	Mx	-.003	2.22
40	MP1A	X	6.113	4.22
41	MP1A	Z	0	4.22
42	MP1A	Mx	-.003	4.22
43	MP1B	X	12.315	2.22
44	MP1B	Z	0	2.22
45	MP1B	Mx	.003	2.22
46	MP1B	X	12.315	4.22
47	MP1B	Z	0	4.22
48	MP1B	Mx	.003	4.22
49	MP1C	X	12.315	2.22
50	MP1C	Z	0	2.22
51	MP1C	Mx	.003	2.22

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP1C	X	12.315	4.22
53	MP1C	Z	0	4.22
54	MP1C	Mx	.003	4.22
55	M82	X	2.19	6.3
56	M82	Z	0	6.3
57	M82	Mx	0	6.3
58	MP2A	X	8.411	2.64
59	MP2A	Z	0	2.64
60	MP2A	Mx	.004	2.64
61	MP2B	X	11.18	2.64
62	MP2B	Z	0	2.64
63	MP2B	Mx	-.003	2.64
64	MP2C	X	11.18	2.64
65	MP2C	Z	0	2.64
66	MP2C	Mx	-.003	2.64
67	MP3A	X	7.007	2.64
68	MP3A	Z	0	2.64
69	MP3A	Mx	.004	2.64
70	MP3B	X	10.83	2.64
71	MP3B	Z	0	2.64
72	MP3B	Mx	-.003	2.64
73	MP3C	X	10.83	2.64
74	MP3C	Z	0	2.64
75	MP3C	Mx	-.003	2.64
76	OVP2	X	10.696	1
77	OVP2	Z	0	1
78	OVP2	Mx	0	1
79	M200	X	2.19	6.3
80	M200	Z	0	6.3
81	M200	Mx	0	6.3
82	M91	X	2.19	6.3
83	M91	Z	0	6.3
84	M91	Mx	0	6.3
85	OVP1	X	10.696	1
86	OVP1	Z	0	1
87	OVP1	Mx	0	1
88	MP2B	X	5.604	5
89	MP2B	Z	0	5
90	MP2B	Mx	.002	5
91	MP2B	X	5.604	5
92	MP2B	Z	0	5
93	MP2B	Mx	-.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	17.837	1.48
2	MP2A	Z	10.298	1.48
3	MP2A	Mx	-.006	1.48
4	MP2A	X	17.837	4.98
5	MP2A	Z	10.298	4.98
6	MP2A	Mx	-.006	4.98
7	MP2B	X	23.435	1.48
8	MP2B	Z	13.53	1.48
9	MP2B	Mx	-.02	1.48
10	MP2B	X	23.435	4.98
11	MP2B	Z	13.53	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	-.02	4.98
13	MP2C	X	17.837	1.48
14	MP2C	Z	10.298	1.48
15	MP2C	Mx	.021	1.48
16	MP2C	X	17.837	4.98
17	MP2C	Z	10.298	4.98
18	MP2C	Mx	.021	4.98
19	MP2A	X	17.837	1.48
20	MP2A	Z	10.298	1.48
21	MP2A	Mx	-.021	1.48
22	MP2A	X	17.837	4.98
23	MP2A	Z	10.298	4.98
24	MP2A	Mx	-.021	4.98
25	MP2B	X	23.435	1.48
26	MP2B	Z	13.53	1.48
27	MP2B	Mx	.02	1.48
28	MP2B	X	23.435	4.98
29	MP2B	Z	13.53	4.98
30	MP2B	Mx	.02	4.98
31	MP2C	X	17.837	1.48
32	MP2C	Z	10.298	1.48
33	MP2C	Mx	.006	1.48
34	MP2C	X	17.837	4.98
35	MP2C	Z	10.298	4.98
36	MP2C	Mx	.006	4.98
37	MP1A	X	7.084	2.22
38	MP1A	Z	4.09	2.22
39	MP1A	Mx	-.004	2.22
40	MP1A	X	7.084	4.22
41	MP1A	Z	4.09	4.22
42	MP1A	Mx	-.004	4.22
43	MP1B	X	12.455	2.22
44	MP1B	Z	7.191	2.22
45	MP1B	Mx	0	2.22
46	MP1B	X	12.455	4.22
47	MP1B	Z	7.191	4.22
48	MP1B	Mx	0	4.22
49	MP1C	X	7.084	2.22
50	MP1C	Z	4.09	2.22
51	MP1C	Mx	.004	2.22
52	MP1C	X	7.084	4.22
53	MP1C	Z	4.09	4.22
54	MP1C	Mx	.004	4.22
55	M82	X	2.055	6.3
56	M82	Z	1.186	6.3
57	M82	Mx	0	6.3
58	MP2A	X	8.083	2.64
59	MP2A	Z	4.667	2.64
60	MP2A	Mx	.004	2.64
61	MP2B	X	10.482	2.64
62	MP2B	Z	6.052	2.64
63	MP2B	Mx	0	2.64
64	MP2C	X	8.083	2.64
65	MP2C	Z	4.667	2.64
66	MP2C	Mx	-.004	2.64
67	MP3A	X	7.172	2.64
68	MP3A	Z	4.141	2.64

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3A	Mx	.004	2.64
70	MP3B	X	10.482	2.64
71	MP3B	Z	6.052	2.64
72	MP3B	Mx	0	2.64
73	MP3C	X	7.172	2.64
74	MP3C	Z	4.141	2.64
75	MP3C	Mx	-.004	2.64
76	OVP2	X	10.363	1
77	OVP2	Z	5.983	1
78	OVP2	Mx	0	1
79	M200	X	2.055	6.3
80	M200	Z	1.186	6.3
81	M200	Mx	0	6.3
82	M91	X	2.055	6.3
83	M91	Z	1.186	6.3
84	M91	Mx	0	6.3
85	OVP1	X	10.363	1
86	OVP1	Z	5.983	1
87	OVP1	Mx	0	1
88	MP2B	X	5.752	5
89	MP2B	Z	3.321	5
90	MP2B	Mx	0	5
91	MP2B	X	5.752	5
92	MP2B	Z	3.321	5
93	MP2B	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	12.453	1.48
2	MP2A	Z	21.569	1.48
3	MP2A	Mx	.007	1.48
4	MP2A	X	12.453	4.98
5	MP2A	Z	21.569	4.98
6	MP2A	Mx	.007	4.98
7	MP2B	X	12.453	1.48
8	MP2B	Z	21.569	1.48
9	MP2B	Mx	-.026	1.48
10	MP2B	X	12.453	4.98
11	MP2B	Z	21.569	4.98
12	MP2B	Mx	-.026	4.98
13	MP2C	X	9.221	1.48
14	MP2C	Z	15.971	1.48
15	MP2C	Mx	.014	1.48
16	MP2C	X	9.221	4.98
17	MP2C	Z	15.971	4.98
18	MP2C	Mx	.014	4.98
19	MP2A	X	12.453	1.48
20	MP2A	Z	21.569	1.48
21	MP2A	Mx	-.026	1.48
22	MP2A	X	12.453	4.98
23	MP2A	Z	21.569	4.98
24	MP2A	Mx	-.026	4.98
25	MP2B	X	12.453	1.48
26	MP2B	Z	21.569	1.48
27	MP2B	Mx	.007	1.48
28	MP2B	X	12.453	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	Z	21.569	4.98
30	MP2B	Mx	.007	4.98
31	MP2C	X	9.221	1.48
32	MP2C	Z	15.971	1.48
33	MP2C	Mx	.014	1.48
34	MP2C	X	9.221	4.98
35	MP2C	Z	15.971	4.98
36	MP2C	Mx	.014	4.98
37	MP1A	X	6.157	2.22
38	MP1A	Z	10.665	2.22
39	MP1A	Mx	-.003	2.22
40	MP1A	X	6.157	4.22
41	MP1A	Z	10.665	4.22
42	MP1A	Mx	-.003	4.22
43	MP1B	X	6.157	2.22
44	MP1B	Z	10.665	2.22
45	MP1B	Mx	-.003	2.22
46	MP1B	X	6.157	4.22
47	MP1B	Z	10.665	4.22
48	MP1B	Mx	-.003	4.22
49	MP1C	X	3.056	2.22
50	MP1C	Z	5.294	2.22
51	MP1C	Mx	.003	2.22
52	MP1C	X	3.056	4.22
53	MP1C	Z	5.294	4.22
54	MP1C	Mx	.003	4.22
55	M82	X	1.37	6.3
56	M82	Z	2.373	6.3
57	M82	Mx	0	6.3
58	MP2A	X	5.59	2.64
59	MP2A	Z	9.683	2.64
60	MP2A	Mx	.003	2.64
61	MP2B	X	5.59	2.64
62	MP2B	Z	9.683	2.64
63	MP2B	Mx	.003	2.64
64	MP2C	X	4.205	2.64
65	MP2C	Z	7.284	2.64
66	MP2C	Mx	-.004	2.64
67	MP3A	X	5.415	2.64
68	MP3A	Z	9.379	2.64
69	MP3A	Mx	.003	2.64
70	MP3B	X	5.415	2.64
71	MP3B	Z	9.379	2.64
72	MP3B	Mx	.003	2.64
73	MP3C	X	3.504	2.64
74	MP3C	Z	6.068	2.64
75	MP3C	Mx	-.004	2.64
76	OVP2	X	7.254	1
77	OVP2	Z	12.565	1
78	OVP2	Mx	0	1
79	M200	X	1.37	6.3
80	M200	Z	2.373	6.3
81	M200	Mx	0	6.3
82	M91	X	1.37	6.3
83	M91	Z	2.373	6.3
84	M91	Mx	0	6.3
85	OVP1	X	7.254	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	OVP1	Z	12.565	1
87	OVP1	Mx	0	1
88	MP2B	X	2.802	5
89	MP2B	Z	4.853	5
90	MP2B	Mx	-.002	5
91	MP2B	X	2.802	5
92	MP2B	Z	4.853	5
93	MP2B	Mx	.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.48
2	MP2A	Z	27.06	1.48
3	MP2A	Mx	.02	1.48
4	MP2A	X	0	4.98
5	MP2A	Z	27.06	4.98
6	MP2A	Mx	.02	4.98
7	MP2B	X	0	1.48
8	MP2B	Z	20.596	1.48
9	MP2B	Mx	-.021	1.48
10	MP2B	X	0	4.98
11	MP2B	Z	20.596	4.98
12	MP2B	Mx	-.021	4.98
13	MP2C	X	0	1.48
14	MP2C	Z	20.596	1.48
15	MP2C	Mx	.006	1.48
16	MP2C	X	0	4.98
17	MP2C	Z	20.596	4.98
18	MP2C	Mx	.006	4.98
19	MP2A	X	0	1.48
20	MP2A	Z	27.06	1.48
21	MP2A	Mx	-.02	1.48
22	MP2A	X	0	4.98
23	MP2A	Z	27.06	4.98
24	MP2A	Mx	-.02	4.98
25	MP2B	X	0	1.48
26	MP2B	Z	20.596	1.48
27	MP2B	Mx	-.006	1.48
28	MP2B	X	0	4.98
29	MP2B	Z	20.596	4.98
30	MP2B	Mx	-.006	4.98
31	MP2C	X	0	1.48
32	MP2C	Z	20.596	1.48
33	MP2C	Mx	.021	1.48
34	MP2C	X	0	4.98
35	MP2C	Z	20.596	4.98
36	MP2C	Mx	.021	4.98
37	MP1A	X	0	2.22
38	MP1A	Z	14.382	2.22
39	MP1A	Mx	0	2.22
40	MP1A	X	0	4.22
41	MP1A	Z	14.382	4.22
42	MP1A	Mx	0	4.22
43	MP1B	X	0	2.22
44	MP1B	Z	8.18	2.22
45	MP1B	Mx	-.004	2.22

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP1B	X	0	4.22
47	MP1B	Z	8.18	4.22
48	MP1B	Mx	-.004	4.22
49	MP1C	X	0	2.22
50	MP1C	Z	8.18	2.22
51	MP1C	Mx	.004	2.22
52	MP1C	X	0	4.22
53	MP1C	Z	8.18	4.22
54	MP1C	Mx	.004	4.22
55	M82	X	0	6.3
56	M82	Z	2.923	6.3
57	M82	Mx	0	6.3
58	MP2A	X	0	2.64
59	MP2A	Z	12.104	2.64
60	MP2A	Mx	0	2.64
61	MP2B	X	0	2.64
62	MP2B	Z	9.334	2.64
63	MP2B	Mx	.004	2.64
64	MP2C	X	0	2.64
65	MP2C	Z	9.334	2.64
66	MP2C	Mx	-.004	2.64
67	MP3A	X	0	2.64
68	MP3A	Z	12.104	2.64
69	MP3A	Mx	0	2.64
70	MP3B	X	0	2.64
71	MP3B	Z	8.281	2.64
72	MP3B	Mx	.004	2.64
73	MP3C	X	0	2.64
74	MP3C	Z	8.281	2.64
75	MP3C	Mx	-.004	2.64
76	OVP2	X	0	1
77	OVP2	Z	15.779	1
78	OVP2	Mx	0	1
79	M200	X	0	6.3
80	M200	Z	2.923	6.3
81	M200	Mx	0	6.3
82	M91	X	0	6.3
83	M91	Z	2.923	6.3
84	M91	Mx	0	6.3
85	OVP1	X	0	1
86	OVP1	Z	15.779	1
87	OVP1	Mx	0	1
88	MP2B	X	0	5
89	MP2B	Z	3.527	5
90	MP2B	Mx	-.003	5
91	MP2B	X	0	5
92	MP2B	Z	3.527	5
93	MP2B	Mx	.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-12.453	1.48
2	MP2A	Z	21.569	1.48
3	MP2A	Mx	.026	1.48
4	MP2A	X	-12.453	4.98
5	MP2A	Z	21.569	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP2A	Mx	.026	4.98
7	MP2B	X	-9.221	1.48
8	MP2B	Z	15.971	1.48
9	MP2B	Mx	-.014	1.48
10	MP2B	X	-9.221	4.98
11	MP2B	Z	15.971	4.98
12	MP2B	Mx	-.014	4.98
13	MP2C	X	-12.453	1.48
14	MP2C	Z	21.569	1.48
15	MP2C	Mx	-.007	1.48
16	MP2C	X	-12.453	4.98
17	MP2C	Z	21.569	4.98
18	MP2C	Mx	-.007	4.98
19	MP2A	X	-12.453	1.48
20	MP2A	Z	21.569	1.48
21	MP2A	Mx	-.007	1.48
22	MP2A	X	-12.453	4.98
23	MP2A	Z	21.569	4.98
24	MP2A	Mx	-.007	4.98
25	MP2B	X	-9.221	1.48
26	MP2B	Z	15.971	1.48
27	MP2B	Mx	-.014	1.48
28	MP2B	X	-9.221	4.98
29	MP2B	Z	15.971	4.98
30	MP2B	Mx	-.014	4.98
31	MP2C	X	-12.453	1.48
32	MP2C	Z	21.569	1.48
33	MP2C	Mx	.026	1.48
34	MP2C	X	-12.453	4.98
35	MP2C	Z	21.569	4.98
36	MP2C	Mx	.026	4.98
37	MP1A	X	-6.157	2.22
38	MP1A	Z	10.665	2.22
39	MP1A	Mx	.003	2.22
40	MP1A	X	-6.157	4.22
41	MP1A	Z	10.665	4.22
42	MP1A	Mx	.003	4.22
43	MP1B	X	-3.056	2.22
44	MP1B	Z	5.294	2.22
45	MP1B	Mx	-.003	2.22
46	MP1B	X	-3.056	4.22
47	MP1B	Z	5.294	4.22
48	MP1B	Mx	-.003	4.22
49	MP1C	X	-6.157	2.22
50	MP1C	Z	10.665	2.22
51	MP1C	Mx	.003	2.22
52	MP1C	X	-6.157	4.22
53	MP1C	Z	10.665	4.22
54	MP1C	Mx	.003	4.22
55	M82	X	-1.37	6.3
56	M82	Z	2.373	6.3
57	M82	Mx	0	6.3
58	MP2A	X	-5.59	2.64
59	MP2A	Z	9.683	2.64
60	MP2A	Mx	-.003	2.64
61	MP2B	X	-4.205	2.64
62	MP2B	Z	7.284	2.64

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP2B	Mx	.004	2.64
64	MP2C	X	-5.59	2.64
65	MP2C	Z	9.683	2.64
66	MP2C	Mx	-.003	2.64
67	MP3A	X	-5.415	2.64
68	MP3A	Z	9.379	2.64
69	MP3A	Mx	-.003	2.64
70	MP3B	X	-3.504	2.64
71	MP3B	Z	6.068	2.64
72	MP3B	Mx	.004	2.64
73	MP3C	X	-5.415	2.64
74	MP3C	Z	9.379	2.64
75	MP3C	Mx	-.003	2.64
76	OVP2	X	-7.254	1
77	OVP2	Z	12.565	1
78	OVP2	Mx	0	1
79	M200	X	-1.37	6.3
80	M200	Z	2.373	6.3
81	M200	Mx	0	6.3
82	M91	X	-1.37	6.3
83	M91	Z	2.373	6.3
84	M91	Mx	0	6.3
85	OVP1	X	-7.254	1
86	OVP1	Z	12.565	1
87	OVP1	Mx	0	1
88	MP2B	X	-1.244	5
89	MP2B	Z	2.155	5
90	MP2B	Mx	-.002	5
91	MP2B	X	-1.244	5
92	MP2B	Z	2.155	5
93	MP2B	Mx	.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-17.837	1.48
2	MP2A	Z	10.298	1.48
3	MP2A	Mx	.021	1.48
4	MP2A	X	-17.837	4.98
5	MP2A	Z	10.298	4.98
6	MP2A	Mx	.021	4.98
7	MP2B	X	-17.837	1.48
8	MP2B	Z	10.298	1.48
9	MP2B	Mx	-.006	1.48
10	MP2B	X	-17.837	4.98
11	MP2B	Z	10.298	4.98
12	MP2B	Mx	-.006	4.98
13	MP2C	X	-23.435	1.48
14	MP2C	Z	13.53	1.48
15	MP2C	Mx	-.02	1.48
16	MP2C	X	-23.435	4.98
17	MP2C	Z	13.53	4.98
18	MP2C	Mx	-.02	4.98
19	MP2A	X	-17.837	1.48
20	MP2A	Z	10.298	1.48
21	MP2A	Mx	.006	1.48
22	MP2A	X	-17.837	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	10.298	4.98
24	MP2A	Mx	.006	4.98
25	MP2B	X	-17.837	1.48
26	MP2B	Z	10.298	1.48
27	MP2B	Mx	-.021	1.48
28	MP2B	X	-17.837	4.98
29	MP2B	Z	10.298	4.98
30	MP2B	Mx	-.021	4.98
31	MP2C	X	-23.435	1.48
32	MP2C	Z	13.53	1.48
33	MP2C	Mx	.02	1.48
34	MP2C	X	-23.435	4.98
35	MP2C	Z	13.53	4.98
36	MP2C	Mx	.02	4.98
37	MP1A	X	-7.084	2.22
38	MP1A	Z	4.09	2.22
39	MP1A	Mx	.004	2.22
40	MP1A	X	-7.084	4.22
41	MP1A	Z	4.09	4.22
42	MP1A	Mx	.004	4.22
43	MP1B	X	-7.084	2.22
44	MP1B	Z	4.09	2.22
45	MP1B	Mx	-.004	2.22
46	MP1B	X	-7.084	4.22
47	MP1B	Z	4.09	4.22
48	MP1B	Mx	-.004	4.22
49	MP1C	X	-12.455	2.22
50	MP1C	Z	7.191	2.22
51	MP1C	Mx	0	2.22
52	MP1C	X	-12.455	4.22
53	MP1C	Z	7.191	4.22
54	MP1C	Mx	0	4.22
55	M82	X	-2.055	6.3
56	M82	Z	1.186	6.3
57	M82	Mx	0	6.3
58	MP2A	X	-8.083	2.64
59	MP2A	Z	4.667	2.64
60	MP2A	Mx	-.004	2.64
61	MP2B	X	-8.083	2.64
62	MP2B	Z	4.667	2.64
63	MP2B	Mx	.004	2.64
64	MP2C	X	-10.482	2.64
65	MP2C	Z	6.052	2.64
66	MP2C	Mx	0	2.64
67	MP3A	X	-7.172	2.64
68	MP3A	Z	4.141	2.64
69	MP3A	Mx	-.004	2.64
70	MP3B	X	-7.172	2.64
71	MP3B	Z	4.141	2.64
72	MP3B	Mx	.004	2.64
73	MP3C	X	-10.482	2.64
74	MP3C	Z	6.052	2.64
75	MP3C	Mx	0	2.64
76	OVP2	X	-10.363	1
77	OVP2	Z	5.983	1
78	OVP2	Mx	0	1
79	M200	X	-2.055	6.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	M200	Z	1.186	6.3
81	M200	Mx	0	6.3
82	M91	X	-2.055	6.3
83	M91	Z	1.186	6.3
84	M91	Mx	0	6.3
85	OVP1	X	-10.363	1
86	OVP1	Z	5.983	1
87	OVP1	Mx	0	1
88	MP2B	X	-3.055	5
89	MP2B	Z	1.764	5
90	MP2B	Mx	-.003	5
91	MP2B	X	-3.055	5
92	MP2B	Z	1.764	5
93	MP2B	Mx	.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-18.441	1.48
2	MP2A	Z	0	1.48
3	MP2A	Mx	.014	1.48
4	MP2A	X	-18.441	4.98
5	MP2A	Z	0	4.98
6	MP2A	Mx	.014	4.98
7	MP2B	X	-24.905	1.48
8	MP2B	Z	0	1.48
9	MP2B	Mx	.007	1.48
10	MP2B	X	-24.905	4.98
11	MP2B	Z	0	4.98
12	MP2B	Mx	.007	4.98
13	MP2C	X	-24.905	1.48
14	MP2C	Z	0	1.48
15	MP2C	Mx	-.026	1.48
16	MP2C	X	-24.905	4.98
17	MP2C	Z	0	4.98
18	MP2C	Mx	-.026	4.98
19	MP2A	X	-18.441	1.48
20	MP2A	Z	0	1.48
21	MP2A	Mx	.014	1.48
22	MP2A	X	-18.441	4.98
23	MP2A	Z	0	4.98
24	MP2A	Mx	.014	4.98
25	MP2B	X	-24.905	1.48
26	MP2B	Z	0	1.48
27	MP2B	Mx	-.026	1.48
28	MP2B	X	-24.905	4.98
29	MP2B	Z	0	4.98
30	MP2B	Mx	-.026	4.98
31	MP2C	X	-24.905	1.48
32	MP2C	Z	0	1.48
33	MP2C	Mx	.007	1.48
34	MP2C	X	-24.905	4.98
35	MP2C	Z	0	4.98
36	MP2C	Mx	.007	4.98
37	MP1A	X	-6.113	2.22
38	MP1A	Z	0	2.22
39	MP1A	Mx	.003	2.22

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP1A	X	-6.113	4.22
41	MP1A	Z	0	4.22
42	MP1A	Mx	.003	4.22
43	MP1B	X	-12.315	2.22
44	MP1B	Z	0	2.22
45	MP1B	Mx	-.003	2.22
46	MP1B	X	-12.315	4.22
47	MP1B	Z	0	4.22
48	MP1B	Mx	-.003	4.22
49	MP1C	X	-12.315	2.22
50	MP1C	Z	0	2.22
51	MP1C	Mx	-.003	2.22
52	MP1C	X	-12.315	4.22
53	MP1C	Z	0	4.22
54	MP1C	Mx	-.003	4.22
55	M82	X	-2.19	6.3
56	M82	Z	0	6.3
57	M82	Mx	0	6.3
58	MP2A	X	-8.411	2.64
59	MP2A	Z	0	2.64
60	MP2A	Mx	-.004	2.64
61	MP2B	X	-11.18	2.64
62	MP2B	Z	0	2.64
63	MP2B	Mx	.003	2.64
64	MP2C	X	-11.18	2.64
65	MP2C	Z	0	2.64
66	MP2C	Mx	.003	2.64
67	MP3A	X	-7.007	2.64
68	MP3A	Z	0	2.64
69	MP3A	Mx	-.004	2.64
70	MP3B	X	-10.83	2.64
71	MP3B	Z	0	2.64
72	MP3B	Mx	.003	2.64
73	MP3C	X	-10.83	2.64
74	MP3C	Z	0	2.64
75	MP3C	Mx	.003	2.64
76	OVP2	X	-10.696	1
77	OVP2	Z	0	1
78	OVP2	Mx	0	1
79	M200	X	-2.19	6.3
80	M200	Z	0	6.3
81	M200	Mx	0	6.3
82	M91	X	-2.19	6.3
83	M91	Z	0	6.3
84	M91	Mx	0	6.3
85	OVP1	X	-10.696	1
86	OVP1	Z	0	1
87	OVP1	Mx	0	1
88	MP2B	X	-5.604	5
89	MP2B	Z	0	5
90	MP2B	Mx	-.002	5
91	MP2B	X	-5.604	5
92	MP2B	Z	0	5
93	MP2B	Mx	.002	5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-17.837	1.48
2	MP2A	Z	-10.298	1.48
3	MP2A	Mx	.006	1.48
4	MP2A	X	-17.837	4.98
5	MP2A	Z	-10.298	4.98
6	MP2A	Mx	.006	4.98
7	MP2B	X	-23.435	1.48
8	MP2B	Z	-13.53	1.48
9	MP2B	Mx	.02	1.48
10	MP2B	X	-23.435	4.98
11	MP2B	Z	-13.53	4.98
12	MP2B	Mx	.02	4.98
13	MP2C	X	-17.837	1.48
14	MP2C	Z	-10.298	1.48
15	MP2C	Mx	-.021	1.48
16	MP2C	X	-17.837	4.98
17	MP2C	Z	-10.298	4.98
18	MP2C	Mx	-.021	4.98
19	MP2A	X	-17.837	1.48
20	MP2A	Z	-10.298	1.48
21	MP2A	Mx	.021	1.48
22	MP2A	X	-17.837	4.98
23	MP2A	Z	-10.298	4.98
24	MP2A	Mx	.021	4.98
25	MP2B	X	-23.435	1.48
26	MP2B	Z	-13.53	1.48
27	MP2B	Mx	-.02	1.48
28	MP2B	X	-23.435	4.98
29	MP2B	Z	-13.53	4.98
30	MP2B	Mx	-.02	4.98
31	MP2C	X	-17.837	1.48
32	MP2C	Z	-10.298	1.48
33	MP2C	Mx	-.006	1.48
34	MP2C	X	-17.837	4.98
35	MP2C	Z	-10.298	4.98
36	MP2C	Mx	-.006	4.98
37	MP1A	X	-7.084	2.22
38	MP1A	Z	-4.09	2.22
39	MP1A	Mx	.004	2.22
40	MP1A	X	-7.084	4.22
41	MP1A	Z	-4.09	4.22
42	MP1A	Mx	.004	4.22
43	MP1B	X	-12.455	2.22
44	MP1B	Z	-7.191	2.22
45	MP1B	Mx	0	2.22
46	MP1B	X	-12.455	4.22
47	MP1B	Z	-7.191	4.22
48	MP1B	Mx	0	4.22
49	MP1C	X	-7.084	2.22
50	MP1C	Z	-4.09	2.22
51	MP1C	Mx	-.004	2.22
52	MP1C	X	-7.084	4.22
53	MP1C	Z	-4.09	4.22
54	MP1C	Mx	-.004	4.22
55	M82	X	-2.055	6.3
56	M82	Z	-1.186	6.3
57	M82	Mx	0	6.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-8.083	2.64
59	MP2A	Z	-4.667	2.64
60	MP2A	Mx	-.004	2.64
61	MP2B	X	-10.482	2.64
62	MP2B	Z	-6.052	2.64
63	MP2B	Mx	0	2.64
64	MP2C	X	-8.083	2.64
65	MP2C	Z	-4.667	2.64
66	MP2C	Mx	.004	2.64
67	MP3A	X	-7.172	2.64
68	MP3A	Z	-4.141	2.64
69	MP3A	Mx	-.004	2.64
70	MP3B	X	-10.482	2.64
71	MP3B	Z	-6.052	2.64
72	MP3B	Mx	0	2.64
73	MP3C	X	-7.172	2.64
74	MP3C	Z	-4.141	2.64
75	MP3C	Mx	.004	2.64
76	OVP2	X	-10.363	1
77	OVP2	Z	-5.983	1
78	OVP2	Mx	0	1
79	M200	X	-2.055	6.3
80	M200	Z	-1.186	6.3
81	M200	Mx	0	6.3
82	M91	X	-2.055	6.3
83	M91	Z	-1.186	6.3
84	M91	Mx	0	6.3
85	OVP1	X	-10.363	1
86	OVP1	Z	-5.983	1
87	OVP1	Mx	0	1
88	MP2B	X	-5.752	5
89	MP2B	Z	-3.321	5
90	MP2B	Mx	0	5
91	MP2B	X	-5.752	5
92	MP2B	Z	-3.321	5
93	MP2B	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-12.453	1.48
2	MP2A	Z	-21.569	1.48
3	MP2A	Mx	-.007	1.48
4	MP2A	X	-12.453	4.98
5	MP2A	Z	-21.569	4.98
6	MP2A	Mx	-.007	4.98
7	MP2B	X	-12.453	1.48
8	MP2B	Z	-21.569	1.48
9	MP2B	Mx	.026	1.48
10	MP2B	X	-12.453	4.98
11	MP2B	Z	-21.569	4.98
12	MP2B	Mx	.026	4.98
13	MP2C	X	-9.221	1.48
14	MP2C	Z	-15.971	1.48
15	MP2C	Mx	-.014	1.48
16	MP2C	X	-9.221	4.98
17	MP2C	Z	-15.971	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	-.014	4.98
19	MP2A	X	-12.453	1.48
20	MP2A	Z	-21.569	1.48
21	MP2A	Mx	.026	1.48
22	MP2A	X	-12.453	4.98
23	MP2A	Z	-21.569	4.98
24	MP2A	Mx	.026	4.98
25	MP2B	X	-12.453	1.48
26	MP2B	Z	-21.569	1.48
27	MP2B	Mx	-.007	1.48
28	MP2B	X	-12.453	4.98
29	MP2B	Z	-21.569	4.98
30	MP2B	Mx	-.007	4.98
31	MP2C	X	-9.221	1.48
32	MP2C	Z	-15.971	1.48
33	MP2C	Mx	-.014	1.48
34	MP2C	X	-9.221	4.98
35	MP2C	Z	-15.971	4.98
36	MP2C	Mx	-.014	4.98
37	MP1A	X	-6.157	2.22
38	MP1A	Z	-10.665	2.22
39	MP1A	Mx	.003	2.22
40	MP1A	X	-6.157	4.22
41	MP1A	Z	-10.665	4.22
42	MP1A	Mx	.003	4.22
43	MP1B	X	-6.157	2.22
44	MP1B	Z	-10.665	2.22
45	MP1B	Mx	.003	2.22
46	MP1B	X	-6.157	4.22
47	MP1B	Z	-10.665	4.22
48	MP1B	Mx	.003	4.22
49	MP1C	X	-3.056	2.22
50	MP1C	Z	-5.294	2.22
51	MP1C	Mx	-.003	2.22
52	MP1C	X	-3.056	4.22
53	MP1C	Z	-5.294	4.22
54	MP1C	Mx	-.003	4.22
55	M82	X	-1.37	6.3
56	M82	Z	-2.373	6.3
57	M82	Mx	0	6.3
58	MP2A	X	-5.59	2.64
59	MP2A	Z	-9.683	2.64
60	MP2A	Mx	-.003	2.64
61	MP2B	X	-5.59	2.64
62	MP2B	Z	-9.683	2.64
63	MP2B	Mx	-.003	2.64
64	MP2C	X	-4.205	2.64
65	MP2C	Z	-7.284	2.64
66	MP2C	Mx	.004	2.64
67	MP3A	X	-5.415	2.64
68	MP3A	Z	-9.379	2.64
69	MP3A	Mx	-.003	2.64
70	MP3B	X	-5.415	2.64
71	MP3B	Z	-9.379	2.64
72	MP3B	Mx	-.003	2.64
73	MP3C	X	-3.504	2.64
74	MP3C	Z	-6.068	2.64

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3C	Mx	.004	2.64
76	OVP2	X	-7.254	1
77	OVP2	Z	-12.565	1
78	OVP2	Mx	0	1
79	M200	X	-1.37	6.3
80	M200	Z	-2.373	6.3
81	M200	Mx	0	6.3
82	M91	X	-1.37	6.3
83	M91	Z	-2.373	6.3
84	M91	Mx	0	6.3
85	OVP1	X	-7.254	1
86	OVP1	Z	-12.565	1
87	OVP1	Mx	0	1
88	MP2B	X	-2.802	5
89	MP2B	Z	-4.853	5
90	MP2B	Mx	.002	5
91	MP2B	X	-2.802	5
92	MP2B	Z	-4.853	5
93	MP2B	Mx	-.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.48
2	MP2A	Z	-8.911	1.48
3	MP2A	Mx	-.007	1.48
4	MP2A	X	0	4.98
5	MP2A	Z	-8.911	4.98
6	MP2A	Mx	-.007	4.98
7	MP2B	X	0	1.48
8	MP2B	Z	-6.617	1.48
9	MP2B	Mx	.007	1.48
10	MP2B	X	0	4.98
11	MP2B	Z	-6.617	4.98
12	MP2B	Mx	.007	4.98
13	MP2C	X	0	1.48
14	MP2C	Z	-6.617	1.48
15	MP2C	Mx	-.002	1.48
16	MP2C	X	0	4.98
17	MP2C	Z	-6.617	4.98
18	MP2C	Mx	-.002	4.98
19	MP2A	X	0	1.48
20	MP2A	Z	-8.911	1.48
21	MP2A	Mx	.007	1.48
22	MP2A	X	0	4.98
23	MP2A	Z	-8.911	4.98
24	MP2A	Mx	.007	4.98
25	MP2B	X	0	1.48
26	MP2B	Z	-6.617	1.48
27	MP2B	Mx	.002	1.48
28	MP2B	X	0	4.98
29	MP2B	Z	-6.617	4.98
30	MP2B	Mx	.002	4.98
31	MP2C	X	0	1.48
32	MP2C	Z	-6.617	1.48
33	MP2C	Mx	-.007	1.48
34	MP2C	X	0	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	-6.617	4.98
36	MP2C	Mx	-.007	4.98
37	MP1A	X	0	2.22
38	MP1A	Z	-4.597	2.22
39	MP1A	Mx	0	2.22
40	MP1A	X	0	4.22
41	MP1A	Z	-4.597	4.22
42	MP1A	Mx	0	4.22
43	MP1B	X	0	2.22
44	MP1B	Z	-2.499	2.22
45	MP1B	Mx	.001	2.22
46	MP1B	X	0	4.22
47	MP1B	Z	-2.499	4.22
48	MP1B	Mx	.001	4.22
49	MP1C	X	0	2.22
50	MP1C	Z	-2.499	2.22
51	MP1C	Mx	-.001	2.22
52	MP1C	X	0	4.22
53	MP1C	Z	-2.499	4.22
54	MP1C	Mx	-.001	4.22
55	M82	X	0	6.3
56	M82	Z	-.724	6.3
57	M82	Mx	0	6.3
58	MP2A	X	0	2.64
59	MP2A	Z	-3.032	2.64
60	MP2A	Mx	0	2.64
61	MP2B	X	0	2.64
62	MP2B	Z	-2.284	2.64
63	MP2B	Mx	-.000989	2.64
64	MP2C	X	0	2.64
65	MP2C	Z	-2.284	2.64
66	MP2C	Mx	.000989	2.64
67	MP3A	X	0	2.64
68	MP3A	Z	-3.032	2.64
69	MP3A	Mx	0	2.64
70	MP3B	X	0	2.64
71	MP3B	Z	-2.005	2.64
72	MP3B	Mx	-.000868	2.64
73	MP3C	X	0	2.64
74	MP3C	Z	-2.005	2.64
75	MP3C	Mx	.000868	2.64
76	OVP2	X	0	1
77	OVP2	Z	-4.891	1
78	OVP2	Mx	0	1
79	M200	X	0	6.3
80	M200	Z	-.724	6.3
81	M200	Mx	0	6.3
82	M91	X	0	6.3
83	M91	Z	-.724	6.3
84	M91	Mx	0	6.3
85	OVP1	X	0	1
86	OVP1	Z	-4.891	1
87	OVP1	Mx	0	1
88	MP2B	X	0	5
89	MP2B	Z	-.897	5
90	MP2B	Mx	.000647	5
91	MP2B	X	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP2B	Z	-.897	5
93	MP2B	Mx	-.000647	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	4.073	1.48
2	MP2A	Z	-7.055	1.48
3	MP2A	Mx	-.008	1.48
4	MP2A	X	4.073	4.98
5	MP2A	Z	-7.055	4.98
6	MP2A	Mx	-.008	4.98
7	MP2B	X	2.926	1.48
8	MP2B	Z	-5.069	1.48
9	MP2B	Mx	.004	1.48
10	MP2B	X	2.926	4.98
11	MP2B	Z	-5.069	4.98
12	MP2B	Mx	.004	4.98
13	MP2C	X	4.073	1.48
14	MP2C	Z	-7.055	1.48
15	MP2C	Mx	.002	1.48
16	MP2C	X	4.073	4.98
17	MP2C	Z	-7.055	4.98
18	MP2C	Mx	.002	4.98
19	MP2A	X	4.073	1.48
20	MP2A	Z	-7.055	1.48
21	MP2A	Mx	.002	1.48
22	MP2A	X	4.073	4.98
23	MP2A	Z	-7.055	4.98
24	MP2A	Mx	.002	4.98
25	MP2B	X	2.926	1.48
26	MP2B	Z	-5.069	1.48
27	MP2B	Mx	.004	1.48
28	MP2B	X	2.926	4.98
29	MP2B	Z	-5.069	4.98
30	MP2B	Mx	.004	4.98
31	MP2C	X	4.073	1.48
32	MP2C	Z	-7.055	1.48
33	MP2C	Mx	-.008	1.48
34	MP2C	X	4.073	4.98
35	MP2C	Z	-7.055	4.98
36	MP2C	Mx	-.008	4.98
37	MP1A	X	1.949	2.22
38	MP1A	Z	-3.376	2.22
39	MP1A	Mx	-.000975	2.22
40	MP1A	X	1.949	4.22
41	MP1A	Z	-3.376	4.22
42	MP1A	Mx	-.000975	4.22
43	MP1B	X	.9	2.22
44	MP1B	Z	-1.559	2.22
45	MP1B	Mx	.0009	2.22
46	MP1B	X	.9	4.22
47	MP1B	Z	-1.559	4.22
48	MP1B	Mx	.0009	4.22
49	MP1C	X	1.949	2.22
50	MP1C	Z	-3.376	2.22
51	MP1C	Mx	-.000975	2.22

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP1C	X	1.949	4.22
53	MP1C	Z	-3.376	4.22
54	MP1C	Mx	-.000975	4.22
55	M82	X	.334	6.3
56	M82	Z	-.579	6.3
57	M82	Mx	0	6.3
58	MP2A	X	1.391	2.64
59	MP2A	Z	-2.41	2.64
60	MP2A	Mx	.000696	2.64
61	MP2B	X	1.017	2.64
62	MP2B	Z	-1.762	2.64
63	MP2B	Mx	-.001	2.64
64	MP2C	X	1.391	2.64
65	MP2C	Z	-2.41	2.64
66	MP2C	Mx	.000696	2.64
67	MP3A	X	1.345	2.64
68	MP3A	Z	-2.33	2.64
69	MP3A	Mx	.000672	2.64
70	MP3B	X	.831	2.64
71	MP3B	Z	-1.44	2.64
72	MP3B	Mx	-.000831	2.64
73	MP3C	X	1.345	2.64
74	MP3C	Z	-2.33	2.64
75	MP3C	Mx	.000673	2.64
76	OVP2	X	2.231	1
77	OVP2	Z	-3.864	1
78	OVP2	Mx	0	1
79	M200	X	.334	6.3
80	M200	Z	-.579	6.3
81	M200	Mx	0	6.3
82	M91	X	.334	6.3
83	M91	Z	-.579	6.3
84	M91	Mx	0	6.3
85	OVP1	X	2.231	1
86	OVP1	Z	-3.864	1
87	OVP1	Mx	0	1
88	MP2B	X	.285	5
89	MP2B	Z	-.493	5
90	MP2B	Mx	.000475	5
91	MP2B	X	.285	5
92	MP2B	Z	-.493	5
93	MP2B	Mx	-.000475	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.731	1.48
2	MP2A	Z	-3.309	1.48
3	MP2A	Mx	-.007	1.48
4	MP2A	X	5.731	4.98
5	MP2A	Z	-3.309	4.98
6	MP2A	Mx	-.007	4.98
7	MP2B	X	5.731	1.48
8	MP2B	Z	-3.309	1.48
9	MP2B	Mx	.002	1.48
10	MP2B	X	5.731	4.98
11	MP2B	Z	-3.309	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	.002	4.98
13	MP2C	X	7.717	1.48
14	MP2C	Z	-4.456	1.48
15	MP2C	Mx	.007	1.48
16	MP2C	X	7.717	4.98
17	MP2C	Z	-4.456	4.98
18	MP2C	Mx	.007	4.98
19	MP2A	X	5.731	1.48
20	MP2A	Z	-3.309	1.48
21	MP2A	Mx	-.002	1.48
22	MP2A	X	5.731	4.98
23	MP2A	Z	-3.309	4.98
24	MP2A	Mx	-.002	4.98
25	MP2B	X	5.731	1.48
26	MP2B	Z	-3.309	1.48
27	MP2B	Mx	.007	1.48
28	MP2B	X	5.731	4.98
29	MP2B	Z	-3.309	4.98
30	MP2B	Mx	.007	4.98
31	MP2C	X	7.717	1.48
32	MP2C	Z	-4.456	1.48
33	MP2C	Mx	-.007	1.48
34	MP2C	X	7.717	4.98
35	MP2C	Z	-4.456	4.98
36	MP2C	Mx	-.007	4.98
37	MP1A	X	2.164	2.22
38	MP1A	Z	-1.25	2.22
39	MP1A	Mx	-.001	2.22
40	MP1A	X	2.164	4.22
41	MP1A	Z	-1.25	4.22
42	MP1A	Mx	-.001	4.22
43	MP1B	X	2.164	2.22
44	MP1B	Z	-1.25	2.22
45	MP1B	Mx	.001	2.22
46	MP1B	X	2.164	4.22
47	MP1B	Z	-1.25	4.22
48	MP1B	Mx	.001	4.22
49	MP1C	X	3.981	2.22
50	MP1C	Z	-2.299	2.22
51	MP1C	Mx	0	2.22
52	MP1C	X	3.981	4.22
53	MP1C	Z	-2.299	4.22
54	MP1C	Mx	0	4.22
55	M82	X	.482	6.3
56	M82	Z	-.278	6.3
57	M82	Mx	0	6.3
58	MP2A	X	1.978	2.64
59	MP2A	Z	-1.142	2.64
60	MP2A	Mx	.000989	2.64
61	MP2B	X	1.978	2.64
62	MP2B	Z	-1.142	2.64
63	MP2B	Mx	-.000989	2.64
64	MP2C	X	2.626	2.64
65	MP2C	Z	-1.516	2.64
66	MP2C	Mx	0	2.64
67	MP3A	X	1.737	2.64
68	MP3A	Z	-1.003	2.64

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3A	Mx	.000868	2.64
70	MP3B	X	1.737	2.64
71	MP3B	Z	-1.003	2.64
72	MP3B	Mx	-.000869	2.64
73	MP3C	X	2.626	2.64
74	MP3C	Z	-1.516	2.64
75	MP3C	Mx	0	2.64
76	OVP2	X	3.122	1
77	OVP2	Z	-1.802	1
78	OVP2	Mx	0	1
79	M200	X	.482	6.3
80	M200	Z	-.278	6.3
81	M200	Mx	0	6.3
82	M91	X	.482	6.3
83	M91	Z	-.278	6.3
84	M91	Mx	0	6.3
85	OVP1	X	3.122	1
86	OVP1	Z	-1.802	1
87	OVP1	Mx	0	1
88	MP2B	X	.777	5
89	MP2B	Z	-.448	5
90	MP2B	Mx	.000647	5
91	MP2B	X	.777	5
92	MP2B	Z	-.448	5
93	MP2B	Mx	-.000647	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.853	1.48
2	MP2A	Z	0	1.48
3	MP2A	Mx	-.004	1.48
4	MP2A	X	5.853	4.98
5	MP2A	Z	0	4.98
6	MP2A	Mx	-.004	4.98
7	MP2B	X	8.146	1.48
8	MP2B	Z	0	1.48
9	MP2B	Mx	-.002	1.48
10	MP2B	X	8.146	4.98
11	MP2B	Z	0	4.98
12	MP2B	Mx	-.002	4.98
13	MP2C	X	8.146	1.48
14	MP2C	Z	0	1.48
15	MP2C	Mx	.008	1.48
16	MP2C	X	8.146	4.98
17	MP2C	Z	0	4.98
18	MP2C	Mx	.008	4.98
19	MP2A	X	5.853	1.48
20	MP2A	Z	0	1.48
21	MP2A	Mx	-.004	1.48
22	MP2A	X	5.853	4.98
23	MP2A	Z	0	4.98
24	MP2A	Mx	-.004	4.98
25	MP2B	X	8.146	1.48
26	MP2B	Z	0	1.48
27	MP2B	Mx	.008	1.48
28	MP2B	X	8.146	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	Z	0	4.98
30	MP2B	Mx	.008	4.98
31	MP2C	X	8.146	1.48
32	MP2C	Z	0	1.48
33	MP2C	Mx	-.002	1.48
34	MP2C	X	8.146	4.98
35	MP2C	Z	0	4.98
36	MP2C	Mx	-.002	4.98
37	MP1A	X	1.8	2.22
38	MP1A	Z	0	2.22
39	MP1A	Mx	-.0009	2.22
40	MP1A	X	1.8	4.22
41	MP1A	Z	0	4.22
42	MP1A	Mx	-.0009	4.22
43	MP1B	X	3.898	2.22
44	MP1B	Z	0	2.22
45	MP1B	Mx	.000975	2.22
46	MP1B	X	3.898	4.22
47	MP1B	Z	0	4.22
48	MP1B	Mx	.000975	4.22
49	MP1C	X	3.898	2.22
50	MP1C	Z	0	2.22
51	MP1C	Mx	.000975	2.22
52	MP1C	X	3.898	4.22
53	MP1C	Z	0	4.22
54	MP1C	Mx	.000975	4.22
55	M82	X	.501	6.3
56	M82	Z	0	6.3
57	M82	Mx	0	6.3
58	MP2A	X	2.035	2.64
59	MP2A	Z	0	2.64
60	MP2A	Mx	.001	2.64
61	MP2B	X	2.783	2.64
62	MP2B	Z	0	2.64
63	MP2B	Mx	-.000696	2.64
64	MP2C	X	2.783	2.64
65	MP2C	Z	0	2.64
66	MP2C	Mx	-.000696	2.64
67	MP3A	X	1.663	2.64
68	MP3A	Z	0	2.64
69	MP3A	Mx	.000832	2.64
70	MP3B	X	2.69	2.64
71	MP3B	Z	0	2.64
72	MP3B	Mx	-.000672	2.64
73	MP3C	X	2.69	2.64
74	MP3C	Z	0	2.64
75	MP3C	Mx	-.000672	2.64
76	OVP2	X	3.176	1
77	OVP2	Z	0	1
78	OVP2	Mx	0	1
79	M200	X	.501	6.3
80	M200	Z	0	6.3
81	M200	Mx	0	6.3
82	M91	X	.501	6.3
83	M91	Z	0	6.3
84	M91	Mx	0	6.3
85	OVP1	X	3.176	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	OVP1	Z	0	1
87	OVP1	Mx	0	1
88	MP2B	X	1.551	5
89	MP2B	Z	0	5
90	MP2B	Mx	.000646	5
91	MP2B	X	1.551	5
92	MP2B	Z	0	5
93	MP2B	Mx	-.000646	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.731	1.48
2	MP2A	Z	3.309	1.48
3	MP2A	Mx	-.002	1.48
4	MP2A	X	5.731	4.98
5	MP2A	Z	3.309	4.98
6	MP2A	Mx	-.002	4.98
7	MP2B	X	7.717	1.48
8	MP2B	Z	4.456	1.48
9	MP2B	Mx	-.007	1.48
10	MP2B	X	7.717	4.98
11	MP2B	Z	4.456	4.98
12	MP2B	Mx	-.007	4.98
13	MP2C	X	5.731	1.48
14	MP2C	Z	3.309	1.48
15	MP2C	Mx	.007	1.48
16	MP2C	X	5.731	4.98
17	MP2C	Z	3.309	4.98
18	MP2C	Mx	.007	4.98
19	MP2A	X	5.731	1.48
20	MP2A	Z	3.309	1.48
21	MP2A	Mx	-.007	1.48
22	MP2A	X	5.731	4.98
23	MP2A	Z	3.309	4.98
24	MP2A	Mx	-.007	4.98
25	MP2B	X	7.717	1.48
26	MP2B	Z	4.456	1.48
27	MP2B	Mx	.007	1.48
28	MP2B	X	7.717	4.98
29	MP2B	Z	4.456	4.98
30	MP2B	Mx	.007	4.98
31	MP2C	X	5.731	1.48
32	MP2C	Z	3.309	1.48
33	MP2C	Mx	.002	1.48
34	MP2C	X	5.731	4.98
35	MP2C	Z	3.309	4.98
36	MP2C	Mx	.002	4.98
37	MP1A	X	2.164	2.22
38	MP1A	Z	1.25	2.22
39	MP1A	Mx	-.001	2.22
40	MP1A	X	2.164	4.22
41	MP1A	Z	1.25	4.22
42	MP1A	Mx	-.001	4.22
43	MP1B	X	3.981	2.22
44	MP1B	Z	2.299	2.22
45	MP1B	Mx	0	2.22

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP1B	X	3.981	4.22
47	MP1B	Z	2.299	4.22
48	MP1B	Mx	0	4.22
49	MP1C	X	2.164	2.22
50	MP1C	Z	1.25	2.22
51	MP1C	Mx	.001	2.22
52	MP1C	X	2.164	4.22
53	MP1C	Z	1.25	4.22
54	MP1C	Mx	.001	4.22
55	M82	X	.482	6.3
56	M82	Z	.278	6.3
57	M82	Mx	0	6.3
58	MP2A	X	1.978	2.64
59	MP2A	Z	1.142	2.64
60	MP2A	Mx	.000989	2.64
61	MP2B	X	2.626	2.64
62	MP2B	Z	1.516	2.64
63	MP2B	Mx	0	2.64
64	MP2C	X	1.978	2.64
65	MP2C	Z	1.142	2.64
66	MP2C	Mx	-.000989	2.64
67	MP3A	X	1.737	2.64
68	MP3A	Z	1.003	2.64
69	MP3A	Mx	.000868	2.64
70	MP3B	X	2.626	2.64
71	MP3B	Z	1.516	2.64
72	MP3B	Mx	0	2.64
73	MP3C	X	1.737	2.64
74	MP3C	Z	1.003	2.64
75	MP3C	Mx	-.000869	2.64
76	OVP2	X	3.122	1
77	OVP2	Z	1.802	1
78	OVP2	Mx	0	1
79	M200	X	.482	6.3
80	M200	Z	.278	6.3
81	M200	Mx	0	6.3
82	M91	X	.482	6.3
83	M91	Z	.278	6.3
84	M91	Mx	0	6.3
85	OVP1	X	3.122	1
86	OVP1	Z	1.802	1
87	OVP1	Mx	0	1
88	MP2B	X	1.626	5
89	MP2B	Z	.939	5
90	MP2B	Mx	0	5
91	MP2B	X	1.626	5
92	MP2B	Z	.939	5
93	MP2B	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	4.073	1.48
2	MP2A	Z	7.055	1.48
3	MP2A	Mx	.002	1.48
4	MP2A	X	4.073	4.98
5	MP2A	Z	7.055	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP2A	Mx	.002	4.98
7	MP2B	X	4.073	1.48
8	MP2B	Z	7.055	1.48
9	MP2B	Mx	-.008	1.48
10	MP2B	X	4.073	4.98
11	MP2B	Z	7.055	4.98
12	MP2B	Mx	-.008	4.98
13	MP2C	X	2.926	1.48
14	MP2C	Z	5.069	1.48
15	MP2C	Mx	.004	1.48
16	MP2C	X	2.926	4.98
17	MP2C	Z	5.069	4.98
18	MP2C	Mx	.004	4.98
19	MP2A	X	4.073	1.48
20	MP2A	Z	7.055	1.48
21	MP2A	Mx	-.008	1.48
22	MP2A	X	4.073	4.98
23	MP2A	Z	7.055	4.98
24	MP2A	Mx	-.008	4.98
25	MP2B	X	4.073	1.48
26	MP2B	Z	7.055	1.48
27	MP2B	Mx	.002	1.48
28	MP2B	X	4.073	4.98
29	MP2B	Z	7.055	4.98
30	MP2B	Mx	.002	4.98
31	MP2C	X	2.926	1.48
32	MP2C	Z	5.069	1.48
33	MP2C	Mx	.004	1.48
34	MP2C	X	2.926	4.98
35	MP2C	Z	5.069	4.98
36	MP2C	Mx	.004	4.98
37	MP1A	X	1.949	2.22
38	MP1A	Z	3.376	2.22
39	MP1A	Mx	-.000975	2.22
40	MP1A	X	1.949	4.22
41	MP1A	Z	3.376	4.22
42	MP1A	Mx	-.000975	4.22
43	MP1B	X	1.949	2.22
44	MP1B	Z	3.376	2.22
45	MP1B	Mx	-.000975	2.22
46	MP1B	X	1.949	4.22
47	MP1B	Z	3.376	4.22
48	MP1B	Mx	-.000975	4.22
49	MP1C	X	.9	2.22
50	MP1C	Z	1.559	2.22
51	MP1C	Mx	.0009	2.22
52	MP1C	X	.9	4.22
53	MP1C	Z	1.559	4.22
54	MP1C	Mx	.0009	4.22
55	M82	X	.334	6.3
56	M82	Z	.579	6.3
57	M82	Mx	0	6.3
58	MP2A	X	1.391	2.64
59	MP2A	Z	2.41	2.64
60	MP2A	Mx	.000696	2.64
61	MP2B	X	1.391	2.64
62	MP2B	Z	2.41	2.64

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP2B	Mx	.000696	2.64
64	MP2C	X	1.017	2.64
65	MP2C	Z	1.762	2.64
66	MP2C	Mx	-.001	2.64
67	MP3A	X	1.345	2.64
68	MP3A	Z	2.33	2.64
69	MP3A	Mx	.000672	2.64
70	MP3B	X	1.345	2.64
71	MP3B	Z	2.33	2.64
72	MP3B	Mx	.000673	2.64
73	MP3C	X	.831	2.64
74	MP3C	Z	1.44	2.64
75	MP3C	Mx	-.000831	2.64
76	OVP2	X	2.231	1
77	OVP2	Z	3.864	1
78	OVP2	Mx	0	1
79	M200	X	.334	6.3
80	M200	Z	.579	6.3
81	M200	Mx	0	6.3
82	M91	X	.334	6.3
83	M91	Z	.579	6.3
84	M91	Mx	0	6.3
85	OVP1	X	2.231	1
86	OVP1	Z	3.864	1
87	OVP1	Mx	0	1
88	MP2B	X	.775	5
89	MP2B	Z	1.343	5
90	MP2B	Mx	-.000646	5
91	MP2B	X	.775	5
92	MP2B	Z	1.343	5
93	MP2B	Mx	.000646	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.48
2	MP2A	Z	8.911	1.48
3	MP2A	Mx	.007	1.48
4	MP2A	X	0	4.98
5	MP2A	Z	8.911	4.98
6	MP2A	Mx	.007	4.98
7	MP2B	X	0	1.48
8	MP2B	Z	6.617	1.48
9	MP2B	Mx	-.007	1.48
10	MP2B	X	0	4.98
11	MP2B	Z	6.617	4.98
12	MP2B	Mx	-.007	4.98
13	MP2C	X	0	1.48
14	MP2C	Z	6.617	1.48
15	MP2C	Mx	.002	1.48
16	MP2C	X	0	4.98
17	MP2C	Z	6.617	4.98
18	MP2C	Mx	.002	4.98
19	MP2A	X	0	1.48
20	MP2A	Z	8.911	1.48
21	MP2A	Mx	-.007	1.48
22	MP2A	X	0	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	8.911	4.98
24	MP2A	Mx	-.007	4.98
25	MP2B	X	0	1.48
26	MP2B	Z	6.617	1.48
27	MP2B	Mx	-.002	1.48
28	MP2B	X	0	4.98
29	MP2B	Z	6.617	4.98
30	MP2B	Mx	-.002	4.98
31	MP2C	X	0	1.48
32	MP2C	Z	6.617	1.48
33	MP2C	Mx	.007	1.48
34	MP2C	X	0	4.98
35	MP2C	Z	6.617	4.98
36	MP2C	Mx	.007	4.98
37	MP1A	X	0	2.22
38	MP1A	Z	4.597	2.22
39	MP1A	Mx	0	2.22
40	MP1A	X	0	4.22
41	MP1A	Z	4.597	4.22
42	MP1A	Mx	0	4.22
43	MP1B	X	0	2.22
44	MP1B	Z	2.499	2.22
45	MP1B	Mx	-.001	2.22
46	MP1B	X	0	4.22
47	MP1B	Z	2.499	4.22
48	MP1B	Mx	-.001	4.22
49	MP1C	X	0	2.22
50	MP1C	Z	2.499	2.22
51	MP1C	Mx	.001	2.22
52	MP1C	X	0	4.22
53	MP1C	Z	2.499	4.22
54	MP1C	Mx	.001	4.22
55	M82	X	0	6.3
56	M82	Z	.724	6.3
57	M82	Mx	0	6.3
58	MP2A	X	0	2.64
59	MP2A	Z	3.032	2.64
60	MP2A	Mx	0	2.64
61	MP2B	X	0	2.64
62	MP2B	Z	2.284	2.64
63	MP2B	Mx	.000989	2.64
64	MP2C	X	0	2.64
65	MP2C	Z	2.284	2.64
66	MP2C	Mx	-.000989	2.64
67	MP3A	X	0	2.64
68	MP3A	Z	3.032	2.64
69	MP3A	Mx	0	2.64
70	MP3B	X	0	2.64
71	MP3B	Z	2.005	2.64
72	MP3B	Mx	.000868	2.64
73	MP3C	X	0	2.64
74	MP3C	Z	2.005	2.64
75	MP3C	Mx	-.000868	2.64
76	OVP2	X	0	1
77	OVP2	Z	4.891	1
78	OVP2	Mx	0	1
79	M200	X	0	6.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	M200	Z	.724	6.3
81	M200	Mx	0	6.3
82	M91	X	0	6.3
83	M91	Z	.724	6.3
84	M91	Mx	0	6.3
85	OVP1	X	0	1
86	OVP1	Z	4.891	1
87	OVP1	Mx	0	1
88	MP2B	X	0	5
89	MP2B	Z	.897	5
90	MP2B	Mx	-.000647	5
91	MP2B	X	0	5
92	MP2B	Z	.897	5
93	MP2B	Mx	.000647	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-4.073	1.48
2	MP2A	Z	7.055	1.48
3	MP2A	Mx	.008	1.48
4	MP2A	X	-4.073	4.98
5	MP2A	Z	7.055	4.98
6	MP2A	Mx	.008	4.98
7	MP2B	X	-2.926	1.48
8	MP2B	Z	5.069	1.48
9	MP2B	Mx	-.004	1.48
10	MP2B	X	-2.926	4.98
11	MP2B	Z	5.069	4.98
12	MP2B	Mx	-.004	4.98
13	MP2C	X	-4.073	1.48
14	MP2C	Z	7.055	1.48
15	MP2C	Mx	-.002	1.48
16	MP2C	X	-4.073	4.98
17	MP2C	Z	7.055	4.98
18	MP2C	Mx	-.002	4.98
19	MP2A	X	-4.073	1.48
20	MP2A	Z	7.055	1.48
21	MP2A	Mx	-.002	1.48
22	MP2A	X	-4.073	4.98
23	MP2A	Z	7.055	4.98
24	MP2A	Mx	-.002	4.98
25	MP2B	X	-2.926	1.48
26	MP2B	Z	5.069	1.48
27	MP2B	Mx	-.004	1.48
28	MP2B	X	-2.926	4.98
29	MP2B	Z	5.069	4.98
30	MP2B	Mx	-.004	4.98
31	MP2C	X	-4.073	1.48
32	MP2C	Z	7.055	1.48
33	MP2C	Mx	.008	1.48
34	MP2C	X	-4.073	4.98
35	MP2C	Z	7.055	4.98
36	MP2C	Mx	.008	4.98
37	MP1A	X	-1.949	2.22
38	MP1A	Z	3.376	2.22
39	MP1A	Mx	.000975	2.22

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP1A	X	-1.949	4.22
41	MP1A	Z	3.376	4.22
42	MP1A	Mx	.000975	4.22
43	MP1B	X	-.9	2.22
44	MP1B	Z	1.559	2.22
45	MP1B	Mx	-.0009	2.22
46	MP1B	X	-.9	4.22
47	MP1B	Z	1.559	4.22
48	MP1B	Mx	-.0009	4.22
49	MP1C	X	-1.949	2.22
50	MP1C	Z	3.376	2.22
51	MP1C	Mx	.000975	2.22
52	MP1C	X	-1.949	4.22
53	MP1C	Z	3.376	4.22
54	MP1C	Mx	.000975	4.22
55	M82	X	-.334	6.3
56	M82	Z	.579	6.3
57	M82	Mx	0	6.3
58	MP2A	X	-1.391	2.64
59	MP2A	Z	2.41	2.64
60	MP2A	Mx	-.000696	2.64
61	MP2B	X	-1.017	2.64
62	MP2B	Z	1.762	2.64
63	MP2B	Mx	.001	2.64
64	MP2C	X	-1.391	2.64
65	MP2C	Z	2.41	2.64
66	MP2C	Mx	-.000696	2.64
67	MP3A	X	-1.345	2.64
68	MP3A	Z	2.33	2.64
69	MP3A	Mx	-.000672	2.64
70	MP3B	X	-.831	2.64
71	MP3B	Z	1.44	2.64
72	MP3B	Mx	.000831	2.64
73	MP3C	X	-1.345	2.64
74	MP3C	Z	2.33	2.64
75	MP3C	Mx	-.000673	2.64
76	OVP2	X	-2.231	1
77	OVP2	Z	3.864	1
78	OVP2	Mx	0	1
79	M200	X	-.334	6.3
80	M200	Z	.579	6.3
81	M200	Mx	0	6.3
82	M91	X	-.334	6.3
83	M91	Z	.579	6.3
84	M91	Mx	0	6.3
85	OVP1	X	-2.231	1
86	OVP1	Z	3.864	1
87	OVP1	Mx	0	1
88	MP2B	X	-.285	5
89	MP2B	Z	.493	5
90	MP2B	Mx	-.000475	5
91	MP2B	X	-.285	5
92	MP2B	Z	.493	5
93	MP2B	Mx	.000475	5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.731	1.48
2	MP2A	Z	3.309	1.48
3	MP2A	Mx	.007	1.48
4	MP2A	X	-5.731	4.98
5	MP2A	Z	3.309	4.98
6	MP2A	Mx	.007	4.98
7	MP2B	X	-5.731	1.48
8	MP2B	Z	3.309	1.48
9	MP2B	Mx	-.002	1.48
10	MP2B	X	-5.731	4.98
11	MP2B	Z	3.309	4.98
12	MP2B	Mx	-.002	4.98
13	MP2C	X	-7.717	1.48
14	MP2C	Z	4.456	1.48
15	MP2C	Mx	-.007	1.48
16	MP2C	X	-7.717	4.98
17	MP2C	Z	4.456	4.98
18	MP2C	Mx	-.007	4.98
19	MP2A	X	-5.731	1.48
20	MP2A	Z	3.309	1.48
21	MP2A	Mx	.002	1.48
22	MP2A	X	-5.731	4.98
23	MP2A	Z	3.309	4.98
24	MP2A	Mx	.002	4.98
25	MP2B	X	-5.731	1.48
26	MP2B	Z	3.309	1.48
27	MP2B	Mx	-.007	1.48
28	MP2B	X	-5.731	4.98
29	MP2B	Z	3.309	4.98
30	MP2B	Mx	-.007	4.98
31	MP2C	X	-7.717	1.48
32	MP2C	Z	4.456	1.48
33	MP2C	Mx	.007	1.48
34	MP2C	X	-7.717	4.98
35	MP2C	Z	4.456	4.98
36	MP2C	Mx	.007	4.98
37	MP1A	X	-2.164	2.22
38	MP1A	Z	1.25	2.22
39	MP1A	Mx	.001	2.22
40	MP1A	X	-2.164	4.22
41	MP1A	Z	1.25	4.22
42	MP1A	Mx	.001	4.22
43	MP1B	X	-2.164	2.22
44	MP1B	Z	1.25	2.22
45	MP1B	Mx	-.001	2.22
46	MP1B	X	-2.164	4.22
47	MP1B	Z	1.25	4.22
48	MP1B	Mx	-.001	4.22
49	MP1C	X	-3.981	2.22
50	MP1C	Z	2.299	2.22
51	MP1C	Mx	0	2.22
52	MP1C	X	-3.981	4.22
53	MP1C	Z	2.299	4.22
54	MP1C	Mx	0	4.22
55	M82	X	-.482	6.3
56	M82	Z	.278	6.3
57	M82	Mx	0	6.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-1.978	2.64
59	MP2A	Z	1.142	2.64
60	MP2A	Mx	-.000989	2.64
61	MP2B	X	-1.978	2.64
62	MP2B	Z	1.142	2.64
63	MP2B	Mx	.000989	2.64
64	MP2C	X	-2.626	2.64
65	MP2C	Z	1.516	2.64
66	MP2C	Mx	0	2.64
67	MP3A	X	-1.737	2.64
68	MP3A	Z	1.003	2.64
69	MP3A	Mx	-.000868	2.64
70	MP3B	X	-1.737	2.64
71	MP3B	Z	1.003	2.64
72	MP3B	Mx	.000869	2.64
73	MP3C	X	-2.626	2.64
74	MP3C	Z	1.516	2.64
75	MP3C	Mx	0	2.64
76	OVP2	X	-3.122	1
77	OVP2	Z	1.802	1
78	OVP2	Mx	0	1
79	M200	X	-.482	6.3
80	M200	Z	.278	6.3
81	M200	Mx	0	6.3
82	M91	X	-.482	6.3
83	M91	Z	.278	6.3
84	M91	Mx	0	6.3
85	OVP1	X	-3.122	1
86	OVP1	Z	1.802	1
87	OVP1	Mx	0	1
88	MP2B	X	-.777	5
89	MP2B	Z	.448	5
90	MP2B	Mx	-.000647	5
91	MP2B	X	-.777	5
92	MP2B	Z	.448	5
93	MP2B	Mx	.000647	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.853	1.48
2	MP2A	Z	0	1.48
3	MP2A	Mx	.004	1.48
4	MP2A	X	-5.853	4.98
5	MP2A	Z	0	4.98
6	MP2A	Mx	.004	4.98
7	MP2B	X	-8.146	1.48
8	MP2B	Z	0	1.48
9	MP2B	Mx	.002	1.48
10	MP2B	X	-8.146	4.98
11	MP2B	Z	0	4.98
12	MP2B	Mx	.002	4.98
13	MP2C	X	-8.146	1.48
14	MP2C	Z	0	1.48
15	MP2C	Mx	-.008	1.48
16	MP2C	X	-8.146	4.98
17	MP2C	Z	0	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	-.008	4.98
19	MP2A	X	-5.853	1.48
20	MP2A	Z	0	1.48
21	MP2A	Mx	.004	1.48
22	MP2A	X	-5.853	4.98
23	MP2A	Z	0	4.98
24	MP2A	Mx	.004	4.98
25	MP2B	X	-8.146	1.48
26	MP2B	Z	0	1.48
27	MP2B	Mx	-.008	1.48
28	MP2B	X	-8.146	4.98
29	MP2B	Z	0	4.98
30	MP2B	Mx	-.008	4.98
31	MP2C	X	-8.146	1.48
32	MP2C	Z	0	1.48
33	MP2C	Mx	.002	1.48
34	MP2C	X	-8.146	4.98
35	MP2C	Z	0	4.98
36	MP2C	Mx	.002	4.98
37	MP1A	X	-1.8	2.22
38	MP1A	Z	0	2.22
39	MP1A	Mx	.0009	2.22
40	MP1A	X	-1.8	4.22
41	MP1A	Z	0	4.22
42	MP1A	Mx	.0009	4.22
43	MP1B	X	-3.898	2.22
44	MP1B	Z	0	2.22
45	MP1B	Mx	-.000975	2.22
46	MP1B	X	-3.898	4.22
47	MP1B	Z	0	4.22
48	MP1B	Mx	-.000975	4.22
49	MP1C	X	-3.898	2.22
50	MP1C	Z	0	2.22
51	MP1C	Mx	-.000975	2.22
52	MP1C	X	-3.898	4.22
53	MP1C	Z	0	4.22
54	MP1C	Mx	-.000975	4.22
55	M82	X	-.501	6.3
56	M82	Z	0	6.3
57	M82	Mx	0	6.3
58	MP2A	X	-2.035	2.64
59	MP2A	Z	0	2.64
60	MP2A	Mx	-.001	2.64
61	MP2B	X	-2.783	2.64
62	MP2B	Z	0	2.64
63	MP2B	Mx	.000696	2.64
64	MP2C	X	-2.783	2.64
65	MP2C	Z	0	2.64
66	MP2C	Mx	.000696	2.64
67	MP3A	X	-1.663	2.64
68	MP3A	Z	0	2.64
69	MP3A	Mx	-.000832	2.64
70	MP3B	X	-2.69	2.64
71	MP3B	Z	0	2.64
72	MP3B	Mx	.000672	2.64
73	MP3C	X	-2.69	2.64
74	MP3C	Z	0	2.64

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3C	Mx	.000672	2.64
76	OVP2	X	-3.176	1
77	OVP2	Z	0	1
78	OVP2	Mx	0	1
79	M200	X	-.501	6.3
80	M200	Z	0	6.3
81	M200	Mx	0	6.3
82	M91	X	-.501	6.3
83	M91	Z	0	6.3
84	M91	Mx	0	6.3
85	OVP1	X	-3.176	1
86	OVP1	Z	0	1
87	OVP1	Mx	0	1
88	MP2B	X	-1.551	5
89	MP2B	Z	0	5
90	MP2B	Mx	-.000646	5
91	MP2B	X	-1.551	5
92	MP2B	Z	0	5
93	MP2B	Mx	.000646	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.731	1.48
2	MP2A	Z	-3.309	1.48
3	MP2A	Mx	.002	1.48
4	MP2A	X	-5.731	4.98
5	MP2A	Z	-3.309	4.98
6	MP2A	Mx	.002	4.98
7	MP2B	X	-7.717	1.48
8	MP2B	Z	-4.456	1.48
9	MP2B	Mx	.007	1.48
10	MP2B	X	-7.717	4.98
11	MP2B	Z	-4.456	4.98
12	MP2B	Mx	.007	4.98
13	MP2C	X	-5.731	1.48
14	MP2C	Z	-3.309	1.48
15	MP2C	Mx	-.007	1.48
16	MP2C	X	-5.731	4.98
17	MP2C	Z	-3.309	4.98
18	MP2C	Mx	-.007	4.98
19	MP2A	X	-5.731	1.48
20	MP2A	Z	-3.309	1.48
21	MP2A	Mx	.007	1.48
22	MP2A	X	-5.731	4.98
23	MP2A	Z	-3.309	4.98
24	MP2A	Mx	.007	4.98
25	MP2B	X	-7.717	1.48
26	MP2B	Z	-4.456	1.48
27	MP2B	Mx	-.007	1.48
28	MP2B	X	-7.717	4.98
29	MP2B	Z	-4.456	4.98
30	MP2B	Mx	-.007	4.98
31	MP2C	X	-5.731	1.48
32	MP2C	Z	-3.309	1.48
33	MP2C	Mx	-.002	1.48
34	MP2C	X	-5.731	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	-3.309	4.98
36	MP2C	Mx	-.002	4.98
37	MP1A	X	-2.164	2.22
38	MP1A	Z	-1.25	2.22
39	MP1A	Mx	.001	2.22
40	MP1A	X	-2.164	4.22
41	MP1A	Z	-1.25	4.22
42	MP1A	Mx	.001	4.22
43	MP1B	X	-3.981	2.22
44	MP1B	Z	-2.299	2.22
45	MP1B	Mx	0	2.22
46	MP1B	X	-3.981	4.22
47	MP1B	Z	-2.299	4.22
48	MP1B	Mx	0	4.22
49	MP1C	X	-2.164	2.22
50	MP1C	Z	-1.25	2.22
51	MP1C	Mx	-.001	2.22
52	MP1C	X	-2.164	4.22
53	MP1C	Z	-1.25	4.22
54	MP1C	Mx	-.001	4.22
55	M82	X	-.482	6.3
56	M82	Z	-.278	6.3
57	M82	Mx	0	6.3
58	MP2A	X	-1.978	2.64
59	MP2A	Z	-1.142	2.64
60	MP2A	Mx	-.000989	2.64
61	MP2B	X	-2.626	2.64
62	MP2B	Z	-1.516	2.64
63	MP2B	Mx	0	2.64
64	MP2C	X	-1.978	2.64
65	MP2C	Z	-1.142	2.64
66	MP2C	Mx	.000989	2.64
67	MP3A	X	-1.737	2.64
68	MP3A	Z	-1.003	2.64
69	MP3A	Mx	-.000868	2.64
70	MP3B	X	-2.626	2.64
71	MP3B	Z	-1.516	2.64
72	MP3B	Mx	0	2.64
73	MP3C	X	-1.737	2.64
74	MP3C	Z	-1.003	2.64
75	MP3C	Mx	.000869	2.64
76	OVP2	X	-3.122	1
77	OVP2	Z	-1.802	1
78	OVP2	Mx	0	1
79	M200	X	-.482	6.3
80	M200	Z	-.278	6.3
81	M200	Mx	0	6.3
82	M91	X	-.482	6.3
83	M91	Z	-.278	6.3
84	M91	Mx	0	6.3
85	OVP1	X	-3.122	1
86	OVP1	Z	-1.802	1
87	OVP1	Mx	0	1
88	MP2B	X	-1.626	5
89	MP2B	Z	-.939	5
90	MP2B	Mx	0	5
91	MP2B	X	-1.626	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP2B	Z	-.939	5
93	MP2B	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-4.073	1.48
2	MP2A	Z	-7.055	1.48
3	MP2A	Mx	-.002	1.48
4	MP2A	X	-4.073	4.98
5	MP2A	Z	-7.055	4.98
6	MP2A	Mx	-.002	4.98
7	MP2B	X	-4.073	1.48
8	MP2B	Z	-7.055	1.48
9	MP2B	Mx	.008	1.48
10	MP2B	X	-4.073	4.98
11	MP2B	Z	-7.055	4.98
12	MP2B	Mx	.008	4.98
13	MP2C	X	-2.926	1.48
14	MP2C	Z	-5.069	1.48
15	MP2C	Mx	-.004	1.48
16	MP2C	X	-2.926	4.98
17	MP2C	Z	-5.069	4.98
18	MP2C	Mx	-.004	4.98
19	MP2A	X	-4.073	1.48
20	MP2A	Z	-7.055	1.48
21	MP2A	Mx	.008	1.48
22	MP2A	X	-4.073	4.98
23	MP2A	Z	-7.055	4.98
24	MP2A	Mx	.008	4.98
25	MP2B	X	-4.073	1.48
26	MP2B	Z	-7.055	1.48
27	MP2B	Mx	-.002	1.48
28	MP2B	X	-4.073	4.98
29	MP2B	Z	-7.055	4.98
30	MP2B	Mx	-.002	4.98
31	MP2C	X	-2.926	1.48
32	MP2C	Z	-5.069	1.48
33	MP2C	Mx	-.004	1.48
34	MP2C	X	-2.926	4.98
35	MP2C	Z	-5.069	4.98
36	MP2C	Mx	-.004	4.98
37	MP1A	X	-1.949	2.22
38	MP1A	Z	-3.376	2.22
39	MP1A	Mx	.000975	2.22
40	MP1A	X	-1.949	4.22
41	MP1A	Z	-3.376	4.22
42	MP1A	Mx	.000975	4.22
43	MP1B	X	-1.949	2.22
44	MP1B	Z	-3.376	2.22
45	MP1B	Mx	.000975	2.22
46	MP1B	X	-1.949	4.22
47	MP1B	Z	-3.376	4.22
48	MP1B	Mx	.000975	4.22
49	MP1C	X	-.9	2.22
50	MP1C	Z	-1.559	2.22
51	MP1C	Mx	-.0009	2.22

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP1C	X	-.9	4.22
53	MP1C	Z	-1.559	4.22
54	MP1C	Mx	-.0009	4.22
55	M82	X	-.334	6.3
56	M82	Z	-.579	6.3
57	M82	Mx	0	6.3
58	MP2A	X	-1.391	2.64
59	MP2A	Z	-2.41	2.64
60	MP2A	Mx	-.000696	2.64
61	MP2B	X	-1.391	2.64
62	MP2B	Z	-2.41	2.64
63	MP2B	Mx	-.000696	2.64
64	MP2C	X	-1.017	2.64
65	MP2C	Z	-1.762	2.64
66	MP2C	Mx	.001	2.64
67	MP3A	X	-1.345	2.64
68	MP3A	Z	-2.33	2.64
69	MP3A	Mx	-.000672	2.64
70	MP3B	X	-1.345	2.64
71	MP3B	Z	-2.33	2.64
72	MP3B	Mx	-.000673	2.64
73	MP3C	X	-.831	2.64
74	MP3C	Z	-1.44	2.64
75	MP3C	Mx	.000831	2.64
76	OVP2	X	-2.231	1
77	OVP2	Z	-3.864	1
78	OVP2	Mx	0	1
79	M200	X	-.334	6.3
80	M200	Z	-.579	6.3
81	M200	Mx	0	6.3
82	M91	X	-.334	6.3
83	M91	Z	-.579	6.3
84	M91	Mx	0	6.3
85	OVP1	X	-2.231	1
86	OVP1	Z	-3.864	1
87	OVP1	Mx	0	1
88	MP2B	X	-.775	5
89	MP2B	Z	-1.343	5
90	MP2B	Mx	.000646	5
91	MP2B	X	-.775	5
92	MP2B	Z	-1.343	5
93	MP2B	Mx	-.000646	5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M200	Y	-500	%91

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M200	Y	-500	%63

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M200	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M200	Y	-250	0

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-1.371	1.48
2	MP2A	My	-.001	1.48
3	MP2A	Mz	.001	1.48
4	MP2A	Y	-1.371	4.98
5	MP2A	My	-.001	4.98
6	MP2A	Mz	.001	4.98
7	MP2B	Y	-1.371	1.48
8	MP2B	My	-.000376	1.48
9	MP2B	Mz	-.001	1.48
10	MP2B	Y	-1.371	4.98
11	MP2B	My	-.000376	4.98
12	MP2B	Mz	-.001	4.98
13	MP2C	Y	-1.371	1.48
14	MP2C	My	.001	1.48
15	MP2C	Mz	.000376	1.48
16	MP2C	Y	-1.371	4.98
17	MP2C	My	.001	4.98
18	MP2C	Mz	.000376	4.98
19	MP2A	Y	-1.371	1.48
20	MP2A	My	-.001	1.48
21	MP2A	Mz	-.001	1.48
22	MP2A	Y	-1.371	4.98
23	MP2A	My	-.001	4.98
24	MP2A	Mz	-.001	4.98
25	MP2B	Y	-1.371	1.48
26	MP2B	My	.001	1.48
27	MP2B	Mz	-.000376	1.48
28	MP2B	Y	-1.371	4.98
29	MP2B	My	.001	4.98
30	MP2B	Mz	-.000376	4.98
31	MP2C	Y	-1.371	1.48
32	MP2C	My	-.000376	1.48
33	MP2C	Mz	.001	1.48
34	MP2C	Y	-1.371	4.98
35	MP2C	My	-.000376	4.98
36	MP2C	Mz	.001	4.98
37	MP1A	Y	-1.886	2.22
38	MP1A	My	-.000943	2.22
39	MP1A	Mz	0	2.22
40	MP1A	Y	-1.886	4.22
41	MP1A	My	-.000943	4.22
42	MP1A	Mz	0	4.22
43	MP1B	Y	-1.886	2.22
44	MP1B	My	.000472	2.22
45	MP1B	Mz	-.000817	2.22
46	MP1B	Y	-1.886	4.22
47	MP1B	My	.000472	4.22
48	MP1B	Mz	-.000817	4.22
49	MP1C	Y	-1.886	2.22
50	MP1C	My	.000472	2.22
51	MP1C	Mz	.000817	2.22
52	MP1C	Y	-1.886	4.22

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP1C	My	.000472	4.22
54	MP1C	Mz	.000817	4.22
55	M82	Y	-.45	6.3
56	M82	My	0	6.3
57	M82	Mz	0	6.3
58	MP2A	Y	-3.655	2.64
59	MP2A	My	.002	2.64
60	MP2A	Mz	0	2.64
61	MP2B	Y	-3.655	2.64
62	MP2B	My	-.000914	2.64
63	MP2B	Mz	.002	2.64
64	MP2C	Y	-3.655	2.64
65	MP2C	My	-.000914	2.64
66	MP2C	Mz	-.002	2.64
67	MP3A	Y	-3.044	2.64
68	MP3A	My	.002	2.64
69	MP3A	Mz	0	2.64
70	MP3B	Y	-3.044	2.64
71	MP3B	My	-.000761	2.64
72	MP3B	Mz	.001	2.64
73	MP3C	Y	-3.044	2.64
74	MP3C	My	-.000761	2.64
75	MP3C	Mz	-.001	2.64
76	OVP2	Y	-1.165	1
77	OVP2	My	0	1
78	OVP2	Mz	0	1
79	M200	Y	-.45	6.3
80	M200	My	0	6.3
81	M200	Mz	0	6.3
82	M91	Y	-.45	6.3
83	M91	My	0	6.3
84	M91	Mz	0	6.3
85	OVP1	Y	-1.165	1
86	OVP1	My	0	1
87	OVP1	Mz	0	1
88	MP2B	Y	-.762	5
89	MP2B	My	.000318	5
90	MP2B	Mz	-.00055	5
91	MP2B	Y	-.762	5
92	MP2B	My	-.000318	5
93	MP2B	Mz	.00055	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Z	-3.427	1.48
2	MP2A	Mx	-.003	1.48
3	MP2A	Z	-3.427	4.98
4	MP2A	Mx	-.003	4.98
5	MP2B	Z	-3.427	1.48
6	MP2B	Mx	.004	1.48
7	MP2B	Z	-3.427	4.98
8	MP2B	Mx	.004	4.98
9	MP2C	Z	-3.427	1.48
10	MP2C	Mx	-.000941	1.48
11	MP2C	Z	-3.427	4.98
12	MP2C	Mx	-.000941	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2A	Z	-3.427	1.48
14	MP2A	Mx	.003	1.48
15	MP2A	Z	-3.427	4.98
16	MP2A	Mx	.003	4.98
17	MP2B	Z	-3.427	1.48
18	MP2B	Mx	.000941	1.48
19	MP2B	Z	-3.427	4.98
20	MP2B	Mx	.000941	4.98
21	MP2C	Z	-3.427	1.48
22	MP2C	Mx	-.004	1.48
23	MP2C	Z	-3.427	4.98
24	MP2C	Mx	-.004	4.98
25	MP1A	Z	-4.715	2.22
26	MP1A	Mx	0	2.22
27	MP1A	Z	-4.715	4.22
28	MP1A	Mx	0	4.22
29	MP1B	Z	-4.715	2.22
30	MP1B	Mx	.002	2.22
31	MP1B	Z	-4.715	4.22
32	MP1B	Mx	.002	4.22
33	MP1C	Z	-4.715	2.22
34	MP1C	Mx	-.002	2.22
35	MP1C	Z	-4.715	4.22
36	MP1C	Mx	-.002	4.22
37	M82	Z	-1.126	6.3
38	M82	Mx	0	6.3
39	MP2A	Z	-9.138	2.64
40	MP2A	Mx	0	2.64
41	MP2B	Z	-9.138	2.64
42	MP2B	Mx	-.004	2.64
43	MP2C	Z	-9.138	2.64
44	MP2C	Mx	.004	2.64
45	MP3A	Z	-7.611	2.64
46	MP3A	Mx	0	2.64
47	MP3B	Z	-7.611	2.64
48	MP3B	Mx	-.003	2.64
49	MP3C	Z	-7.611	2.64
50	MP3C	Mx	.003	2.64
51	OVP2	Z	-2.912	1
52	OVP2	Mx	0	1
53	M200	Z	-1.126	6.3
54	M200	Mx	0	6.3
55	M91	Z	-1.126	6.3
56	M91	Mx	0	6.3
57	OVP1	Z	-2.912	1
58	OVP1	Mx	0	1
59	MP2B	Z	-1.905	5
60	MP2B	Mx	.001	5
61	MP2B	Z	-1.905	5
62	MP2B	Mx	-.001	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.427	1.48
2	MP2A	Mx	-.003	1.48
3	MP2A	X	3.427	4.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP2A	Mx	-.003	4.98
5	MP2B	X	3.427	1.48
6	MP2B	Mx	-.000941	1.48
7	MP2B	X	3.427	4.98
8	MP2B	Mx	-.000941	4.98
9	MP2C	X	3.427	1.48
10	MP2C	Mx	.004	1.48
11	MP2C	X	3.427	4.98
12	MP2C	Mx	.004	4.98
13	MP2A	X	3.427	1.48
14	MP2A	Mx	-.003	1.48
15	MP2A	X	3.427	4.98
16	MP2A	Mx	-.003	4.98
17	MP2B	X	3.427	1.48
18	MP2B	Mx	.004	1.48
19	MP2B	X	3.427	4.98
20	MP2B	Mx	.004	4.98
21	MP2C	X	3.427	1.48
22	MP2C	Mx	-.000941	1.48
23	MP2C	X	3.427	4.98
24	MP2C	Mx	-.000941	4.98
25	MP1A	X	4.715	2.22
26	MP1A	Mx	-.002	2.22
27	MP1A	X	4.715	4.22
28	MP1A	Mx	-.002	4.22
29	MP1B	X	4.715	2.22
30	MP1B	Mx	.001	2.22
31	MP1B	X	4.715	4.22
32	MP1B	Mx	.001	4.22
33	MP1C	X	4.715	2.22
34	MP1C	Mx	.001	2.22
35	MP1C	X	4.715	4.22
36	MP1C	Mx	.001	4.22
37	M82	X	1.126	6.3
38	M82	Mx	0	6.3
39	MP2A	X	9.138	2.64
40	MP2A	Mx	.005	2.64
41	MP2B	X	9.138	2.64
42	MP2B	Mx	-.002	2.64
43	MP2C	X	9.138	2.64
44	MP2C	Mx	-.002	2.64
45	MP3A	X	7.611	2.64
46	MP3A	Mx	.004	2.64
47	MP3B	X	7.611	2.64
48	MP3B	Mx	-.002	2.64
49	MP3C	X	7.611	2.64
50	MP3C	Mx	-.002	2.64
51	OVP2	X	2.912	1
52	OVP2	Mx	0	1
53	M200	X	1.126	6.3
54	M200	Mx	0	6.3
55	M91	X	1.126	6.3
56	M91	Mx	0	6.3
57	OVP1	X	2.912	1
58	OVP1	Mx	0	1
59	MP2B	X	1.905	5
60	MP2B	Mx	.000794	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2B	X	1.905	5
62	MP2B	Mx	-.000794	5

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	M48	Y	-9.548	-9.548	0	%100
2	M53	Y	-11.251	-11.251	0	%100
3	M54	Y	-11.251	-11.251	0	%100
4	M62	Y	-4.31	-4.31	0	%100
5	M63	Y	-4.31	-4.31	0	%100
6	M66	Y	-5.546	-5.546	0	%100
7	M67	Y	-5.546	-5.546	0	%100
8	M200	Y	-6.348	-6.348	0	%100
9	MP4A	Y	-4.804	-4.804	0	%100
10	MP3A	Y	-4.804	-4.804	0	%100
11	MP2A	Y	-5.49	-5.49	0	%100
12	MP1A	Y	-4.804	-4.804	0	%100
13	M37	Y	-9.548	-9.548	0	%100
14	M38	Y	-9.548	-9.548	0	%100
15	M36A	Y	-9.548	-9.548	0	%100
16	M39A	Y	-11.251	-11.251	0	%100
17	M40A	Y	-11.251	-11.251	0	%100
18	M48A	Y	-4.31	-4.31	0	%100
19	M49A	Y	-4.31	-4.31	0	%100
20	M50	Y	-5.546	-5.546	0	%100
21	M51A	Y	-5.546	-5.546	0	%100
22	M53A	Y	-9.548	-9.548	0	%100
23	M54A	Y	-9.548	-9.548	0	%100
24	OVP2	Y	-4.804	-4.804	0	%100
25	M60A	Y	-9.548	-9.548	0	%100
26	M63A	Y	-11.251	-11.251	0	%100
27	M64	Y	-11.251	-11.251	0	%100
28	M72	Y	-4.31	-4.31	0	%100
29	M73	Y	-4.31	-4.31	0	%100
30	M74	Y	-5.546	-5.546	0	%100
31	M75	Y	-5.546	-5.546	0	%100
32	M77	Y	-9.548	-9.548	0	%100
33	M78	Y	-9.548	-9.548	0	%100
34	M82	Y	-6.348	-6.348	0	%100
35	MP4C	Y	-4.804	-4.804	0	%100
36	MP3C	Y	-4.804	-4.804	0	%100
37	MP2C	Y	-5.49	-5.49	0	%100
38	MP1C	Y	-4.804	-4.804	0	%100
39	M91	Y	-6.348	-6.348	0	%100
40	MP4B	Y	-4.804	-4.804	0	%100
41	MP3B	Y	-4.804	-4.804	0	%100
42	MP2B	Y	-5.49	-5.49	0	%100
43	MP1B	Y	-4.804	-4.804	0	%100
44	OVP1	Y	-4.804	-4.804	0	%100
45	M97	Y	-5.49	-5.49	0	%100
46	M102	Y	-5.49	-5.49	0	%100
47	M107	Y	-5.49	-5.49	0	%100
48	M118	Y	-7.368	-7.368	0	%100
49	M119	Y	-7.368	-7.368	0	%100
50	M120	Y	-7.368	-7.368	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,%]
51	M121	Y	-10.81	-10.81	0	%100
52	M123A	Y	-10.81	-10.81	0	%100
53	M125	Y	-10.81	-10.81	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	-17.1	-17.1	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	-17.1	-17.1	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	-1.034	-1.034	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	-1.16	-1.16	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	-1.676	-1.676	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	-1.676	-1.676	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	-10.955	-10.955	0	%100
17	MP4A	X	0	0	0	%100
18	MP4A	Z	-7.434	-7.434	0	%100
19	MP3A	X	0	0	0	%100
20	MP3A	Z	-7.434	-7.434	0	%100
21	MP2A	X	0	0	0	%100
22	MP2A	Z	-8.999	-8.999	0	%100
23	MP1A	X	0	0	0	%100
24	MP1A	Z	-7.434	-7.434	0	%100
25	M37	X	0	0	0	%100
26	M37	Z	-15.651	-15.651	0	%100
27	M38	X	0	0	0	%100
28	M38	Z	-15.651	-15.651	0	%100
29	M36A	X	0	0	0	%100
30	M36A	Z	-10.116	-10.116	0	%100
31	M39A	X	0	0	0	%100
32	M39A	Z	-4.275	-4.275	0	%100
33	M40A	X	0	0	0	%100
34	M40A	Z	-4.275	-4.275	0	%100
35	M48A	X	0	0	0	%100
36	M48A	Z	-.259	-.259	0	%100
37	M49A	X	0	0	0	%100
38	M49A	Z	-.29	-.29	0	%100
39	M50	X	0	0	0	%100
40	M50	Z	-6.704	-6.704	0	%100
41	M51A	X	0	0	0	%100
42	M51A	Z	-1.676	-1.676	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	-3.913	-3.913	0	%100
45	M54A	X	0	0	0	%100
46	M54A	Z	-3.913	-3.913	0	%100
47	OVP2	X	0	0	0	%100
48	OVP2	Z	-7.434	-7.434	0	%100
49	M60A	X	0	0	0	%100
50	M60A	Z	-10.116	-10.116	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,%]
51	M63A	X	0	0	0	%100
52	M63A	Z	-4.275	-4.275	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	-4.275	-4.275	0	%100
55	M72	X	0	0	0	%100
56	M72	Z	-.259	-.259	0	%100
57	M73	X	0	0	0	%100
58	M73	Z	-.29	-.29	0	%100
59	M74	X	0	0	0	%100
60	M74	Z	-1.676	-1.676	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	-6.704	-6.704	0	%100
63	M77	X	0	0	0	%100
64	M77	Z	-3.912	-3.912	0	%100
65	M78	X	0	0	0	%100
66	M78	Z	-3.913	-3.913	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-2.739	-2.739	0	%100
69	MP4C	X	0	0	0	%100
70	MP4C	Z	-7.434	-7.434	0	%100
71	MP3C	X	0	0	0	%100
72	MP3C	Z	-7.434	-7.434	0	%100
73	MP2C	X	0	0	0	%100
74	MP2C	Z	-8.999	-8.999	0	%100
75	MP1C	X	0	0	0	%100
76	MP1C	Z	-7.434	-7.434	0	%100
77	M91	X	0	0	0	%100
78	M91	Z	-2.739	-2.739	0	%100
79	MP4B	X	0	0	0	%100
80	MP4B	Z	-7.434	-7.434	0	%100
81	MP3B	X	0	0	0	%100
82	MP3B	Z	-7.434	-7.434	0	%100
83	MP2B	X	0	0	0	%100
84	MP2B	Z	-8.999	-8.999	0	%100
85	MP1B	X	0	0	0	%100
86	MP1B	Z	-7.434	-7.434	0	%100
87	OVP1	X	0	0	0	%100
88	OVP1	Z	-6.775	-6.775	0	%100
89	M97	X	0	0	0	%100
90	M97	Z	-8.999	-8.999	0	%100
91	M102	X	0	0	0	%100
92	M102	Z	-2.25	-2.25	0	%100
93	M107	X	0	0	0	%100
94	M107	Z	-2.25	-2.25	0	%100
95	M118	X	0	0	0	%100
96	M118	Z	-2.835	-2.835	0	%100
97	M119	X	0	0	0	%100
98	M119	Z	-2.835	-2.835	0	%100
99	M120	X	0	0	0	%100
100	M120	Z	-11.34	-11.34	0	%100
101	M121	X	0	0	0	%100
102	M121	Z	-5.922	-5.922	0	%100
103	M123A	X	0	0	0	%100
104	M123A	Z	-12.049	-12.049	0	%100
105	M125	X	0	0	0	%100
106	M125	Z	-12.049	-12.049	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	M48	X	1.686	1.686	0	%100
2	M48	Z	-2.92	-2.92	0	%100
3	M53	X	6.412	6.412	0	%100
4	M53	Z	-11.107	-11.107	0	%100
5	M54	X	6.412	6.412	0	%100
6	M54	Z	-11.107	-11.107	0	%100
7	M62	X	.388	.388	0	%100
8	M62	Z	-.672	-.672	0	%100
9	M63	X	.435	.435	0	%100
10	M63	Z	-.753	-.753	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	2.514	2.514	0	%100
14	M67	Z	-4.354	-4.354	0	%100
15	M200	X	4.108	4.108	0	%100
16	M200	Z	-7.116	-7.116	0	%100
17	MP4A	X	3.717	3.717	0	%100
18	MP4A	Z	-6.438	-6.438	0	%100
19	MP3A	X	3.717	3.717	0	%100
20	MP3A	Z	-6.438	-6.438	0	%100
21	MP2A	X	4.5	4.5	0	%100
22	MP2A	Z	-7.793	-7.793	0	%100
23	MP1A	X	3.717	3.717	0	%100
24	MP1A	Z	-6.438	-6.438	0	%100
25	M37	X	5.869	5.869	0	%100
26	M37	Z	-10.165	-10.165	0	%100
27	M38	X	5.869	5.869	0	%100
28	M38	Z	-10.165	-10.165	0	%100
29	M36A	X	1.686	1.686	0	%100
30	M36A	Z	-2.92	-2.92	0	%100
31	M39A	X	6.412	6.412	0	%100
32	M39A	Z	-11.107	-11.107	0	%100
33	M40A	X	6.412	6.412	0	%100
34	M40A	Z	-11.107	-11.107	0	%100
35	M48A	X	.388	.388	0	%100
36	M48A	Z	-.672	-.672	0	%100
37	M49A	X	.435	.435	0	%100
38	M49A	Z	-.753	-.753	0	%100
39	M50	X	2.514	2.514	0	%100
40	M50	Z	-4.354	-4.354	0	%100
41	M51A	X	0	0	0	%100
42	M51A	Z	0	0	0	%100
43	M53A	X	5.869	5.869	0	%100
44	M53A	Z	-10.166	-10.166	0	%100
45	M54A	X	5.869	5.869	0	%100
46	M54A	Z	-10.165	-10.165	0	%100
47	OVP2	X	3.717	3.717	0	%100
48	OVP2	Z	-6.438	-6.438	0	%100
49	M60A	X	6.744	6.744	0	%100
50	M60A	Z	-11.681	-11.681	0	%100
51	M63A	X	0	0	0	%100
52	M63A	Z	0	0	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	0	0	0	%100
55	M72	X	0	0	0	%100
56	M72	Z	0	0	0	%100
57	M73	X	0	0	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,%]
58	M73	Z	0	0	0	%100
59	M74	X	2.514	2.514	0	%100
60	M74	Z	-4.354	-4.354	0	%100
61	M75	X	2.514	2.514	0	%100
62	M75	Z	-4.354	-4.354	0	%100
63	M77	X	0	0	0	%100
64	M77	Z	0	0	0	%100
65	M78	X	0	0	0	%100
66	M78	Z	0	0	0	%100
67	M82	X	4.108	4.108	0	%100
68	M82	Z	-7.116	-7.116	0	%100
69	MP4C	X	3.717	3.717	0	%100
70	MP4C	Z	-6.438	-6.438	0	%100
71	MP3C	X	3.717	3.717	0	%100
72	MP3C	Z	-6.438	-6.438	0	%100
73	MP2C	X	4.5	4.5	0	%100
74	MP2C	Z	-7.793	-7.793	0	%100
75	MP1C	X	3.717	3.717	0	%100
76	MP1C	Z	-6.438	-6.438	0	%100
77	M91	X	0	0	0	%100
78	M91	Z	0	0	0	%100
79	MP4B	X	3.717	3.717	0	%100
80	MP4B	Z	-6.438	-6.438	0	%100
81	MP3B	X	3.717	3.717	0	%100
82	MP3B	Z	-6.438	-6.438	0	%100
83	MP2B	X	4.5	4.5	0	%100
84	MP2B	Z	-7.793	-7.793	0	%100
85	MP1B	X	3.717	3.717	0	%100
86	MP1B	Z	-6.438	-6.438	0	%100
87	OVP1	X	3.387	3.387	0	%100
88	OVP1	Z	-5.867	-5.867	0	%100
89	M97	X	3.375	3.375	0	%100
90	M97	Z	-5.845	-5.845	0	%100
91	M102	X	3.375	3.375	0	%100
92	M102	Z	-5.845	-5.845	0	%100
93	M107	X	0	0	0	%100
94	M107	Z	0	0	0	%100
95	M118	X	4.252	4.252	0	%100
96	M118	Z	-7.365	-7.365	0	%100
97	M119	X	0	0	0	%100
98	M119	Z	0	0	0	%100
99	M120	X	4.252	4.252	0	%100
100	M120	Z	-7.366	-7.366	0	%100
101	M121	X	3.982	3.982	0	%100
102	M121	Z	-6.897	-6.897	0	%100
103	M123A	X	3.982	3.982	0	%100
104	M123A	Z	-6.897	-6.897	0	%100
105	M125	X	7.046	7.046	0	%100
106	M125	Z	-12.204	-12.204	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	M48	X	8.761	8.761	0	%100
2	M48	Z	-5.058	-5.058	0	%100
3	M53	X	3.702	3.702	0	%100
4	M53	Z	-2.137	-2.137	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,%]
5	M54	X	3.702	3.702	0	%100
6	M54	Z	-2.137	-2.137	0	%100
7	M62	X	.224	.224	0	%100
8	M62	Z	-.129	-.129	0	%100
9	M63	X	.251	.251	0	%100
10	M63	Z	-.145	-.145	0	%100
11	M66	X	1.451	1.451	0	%100
12	M66	Z	-.838	-.838	0	%100
13	M67	X	5.806	5.806	0	%100
14	M67	Z	-3.352	-3.352	0	%100
15	M200	X	2.372	2.372	0	%100
16	M200	Z	-1.369	-1.369	0	%100
17	MP4A	X	6.438	6.438	0	%100
18	MP4A	Z	-3.717	-3.717	0	%100
19	MP3A	X	6.438	6.438	0	%100
20	MP3A	Z	-3.717	-3.717	0	%100
21	MP2A	X	7.793	7.793	0	%100
22	MP2A	Z	-4.5	-4.5	0	%100
23	MP1A	X	6.438	6.438	0	%100
24	MP1A	Z	-3.717	-3.717	0	%100
25	M37	X	3.388	3.388	0	%100
26	M37	Z	-1.956	-1.956	0	%100
27	M38	X	3.388	3.388	0	%100
28	M38	Z	-1.956	-1.956	0	%100
29	M36A	X	0	0	0	%100
30	M36A	Z	0	0	0	%100
31	M39A	X	14.809	14.809	0	%100
32	M39A	Z	-8.55	-8.55	0	%100
33	M40A	X	14.809	14.809	0	%100
34	M40A	Z	-8.55	-8.55	0	%100
35	M48A	X	.896	.896	0	%100
36	M48A	Z	-.517	-.517	0	%100
37	M49A	X	1.004	1.004	0	%100
38	M49A	Z	-.58	-.58	0	%100
39	M50	X	1.451	1.451	0	%100
40	M50	Z	-.838	-.838	0	%100
41	M51A	X	1.451	1.451	0	%100
42	M51A	Z	-.838	-.838	0	%100
43	M53A	X	13.554	13.554	0	%100
44	M53A	Z	-7.825	-7.825	0	%100
45	M54A	X	13.554	13.554	0	%100
46	M54A	Z	-7.825	-7.825	0	%100
47	OVP2	X	6.438	6.438	0	%100
48	OVP2	Z	-3.717	-3.717	0	%100
49	M60A	X	8.76	8.76	0	%100
50	M60A	Z	-5.058	-5.058	0	%100
51	M63A	X	3.702	3.702	0	%100
52	M63A	Z	-2.137	-2.137	0	%100
53	M64	X	3.702	3.702	0	%100
54	M64	Z	-2.137	-2.137	0	%100
55	M72	X	.224	.224	0	%100
56	M72	Z	-.129	-.129	0	%100
57	M73	X	.251	.251	0	%100
58	M73	Z	-.145	-.145	0	%100
59	M74	X	5.806	5.806	0	%100
60	M74	Z	-3.352	-3.352	0	%100
61	M75	X	1.451	1.451	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,%]
62	M75	Z	-.838	-.838	0	%100
63	M77	X	3.389	3.389	0	%100
64	M77	Z	-1.957	-1.957	0	%100
65	M78	X	3.388	3.388	0	%100
66	M78	Z	-1.956	-1.956	0	%100
67	M82	X	9.488	9.488	0	%100
68	M82	Z	-5.478	-5.478	0	%100
69	MP4C	X	6.438	6.438	0	%100
70	MP4C	Z	-3.717	-3.717	0	%100
71	MP3C	X	6.438	6.438	0	%100
72	MP3C	Z	-3.717	-3.717	0	%100
73	MP2C	X	7.793	7.793	0	%100
74	MP2C	Z	-4.5	-4.5	0	%100
75	MP1C	X	6.438	6.438	0	%100
76	MP1C	Z	-3.717	-3.717	0	%100
77	M91	X	2.372	2.372	0	%100
78	M91	Z	-1.369	-1.369	0	%100
79	MP4B	X	6.438	6.438	0	%100
80	MP4B	Z	-3.717	-3.717	0	%100
81	MP3B	X	6.438	6.438	0	%100
82	MP3B	Z	-3.717	-3.717	0	%100
83	MP2B	X	7.793	7.793	0	%100
84	MP2B	Z	-4.5	-4.5	0	%100
85	MP1B	X	6.438	6.438	0	%100
86	MP1B	Z	-3.717	-3.717	0	%100
87	OVP1	X	5.867	5.867	0	%100
88	OVP1	Z	-3.387	-3.387	0	%100
89	M97	X	1.948	1.948	0	%100
90	M97	Z	-1.125	-1.125	0	%100
91	M102	X	7.793	7.793	0	%100
92	M102	Z	-4.5	-4.5	0	%100
93	M107	X	1.948	1.948	0	%100
94	M107	Z	-1.125	-1.125	0	%100
95	M118	X	9.821	9.821	0	%100
96	M118	Z	-5.67	-5.67	0	%100
97	M119	X	2.455	2.455	0	%100
98	M119	Z	-1.417	-1.417	0	%100
99	M120	X	2.455	2.455	0	%100
100	M120	Z	-1.418	-1.418	0	%100
101	M121	X	10.435	10.435	0	%100
102	M121	Z	-6.025	-6.025	0	%100
103	M123A	X	5.128	5.128	0	%100
104	M123A	Z	-2.961	-2.961	0	%100
105	M125	X	10.435	10.435	0	%100
106	M125	Z	-6.025	-6.025	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	M48	X	13.488	13.488	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	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,%]
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M66	X	5.028	5.028	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	5.028	5.028	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	0	0	0	%100
17	MP4A	X	7.434	7.434	0	%100
18	MP4A	Z	0	0	0	%100
19	MP3A	X	7.434	7.434	0	%100
20	MP3A	Z	0	0	0	%100
21	MP2A	X	8.999	8.999	0	%100
22	MP2A	Z	0	0	0	%100
23	MP1A	X	7.434	7.434	0	%100
24	MP1A	Z	0	0	0	%100
25	M37	X	0	0	0	%100
26	M37	Z	0	0	0	%100
27	M38	X	0	0	0	%100
28	M38	Z	0	0	0	%100
29	M36A	X	3.372	3.372	0	%100
30	M36A	Z	0	0	0	%100
31	M39A	X	12.825	12.825	0	%100
32	M39A	Z	0	0	0	%100
33	M40A	X	12.825	12.825	0	%100
34	M40A	Z	0	0	0	%100
35	M48A	X	.776	.776	0	%100
36	M48A	Z	0	0	0	%100
37	M49A	X	.87	.87	0	%100
38	M49A	Z	0	0	0	%100
39	M50	X	0	0	0	%100
40	M50	Z	0	0	0	%100
41	M51A	X	5.028	5.028	0	%100
42	M51A	Z	0	0	0	%100
43	M53A	X	11.737	11.737	0	%100
44	M53A	Z	0	0	0	%100
45	M54A	X	11.738	11.738	0	%100
46	M54A	Z	0	0	0	%100
47	OVP2	X	7.434	7.434	0	%100
48	OVP2	Z	0	0	0	%100
49	M60A	X	3.372	3.372	0	%100
50	M60A	Z	0	0	0	%100
51	M63A	X	12.825	12.825	0	%100
52	M63A	Z	0	0	0	%100
53	M64	X	12.825	12.825	0	%100
54	M64	Z	0	0	0	%100
55	M72	X	.776	.776	0	%100
56	M72	Z	0	0	0	%100
57	M73	X	.87	.87	0	%100
58	M73	Z	0	0	0	%100
59	M74	X	5.028	5.028	0	%100
60	M74	Z	0	0	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	0	0	0	%100
63	M77	X	11.738	11.738	0	%100
64	M77	Z	0	0	0	%100
65	M78	X	11.738	11.738	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,%]
66	M78	Z	0	0	0	%100
67	M82	X	8.217	8.217	0	%100
68	M82	Z	0	0	0	%100
69	MP4C	X	7.434	7.434	0	%100
70	MP4C	Z	0	0	0	%100
71	MP3C	X	7.434	7.434	0	%100
72	MP3C	Z	0	0	0	%100
73	MP2C	X	8.999	8.999	0	%100
74	MP2C	Z	0	0	0	%100
75	MP1C	X	7.434	7.434	0	%100
76	MP1C	Z	0	0	0	%100
77	M91	X	8.217	8.217	0	%100
78	M91	Z	0	0	0	%100
79	MP4B	X	7.434	7.434	0	%100
80	MP4B	Z	0	0	0	%100
81	MP3B	X	7.434	7.434	0	%100
82	MP3B	Z	0	0	0	%100
83	MP2B	X	8.999	8.999	0	%100
84	MP2B	Z	0	0	0	%100
85	MP1B	X	7.434	7.434	0	%100
86	MP1B	Z	0	0	0	%100
87	OVP1	X	6.775	6.775	0	%100
88	OVP1	Z	0	0	0	%100
89	M97	X	0	0	0	%100
90	M97	Z	0	0	0	%100
91	M102	X	6.749	6.749	0	%100
92	M102	Z	0	0	0	%100
93	M107	X	6.749	6.749	0	%100
94	M107	Z	0	0	0	%100
95	M118	X	8.505	8.505	0	%100
96	M118	Z	0	0	0	%100
97	M119	X	8.505	8.505	0	%100
98	M119	Z	0	0	0	%100
99	M120	X	0	0	0	%100
100	M120	Z	0	0	0	%100
101	M121	X	14.092	14.092	0	%100
102	M121	Z	0	0	0	%100
103	M123A	X	7.964	7.964	0	%100
104	M123A	Z	0	0	0	%100
105	M125	X	7.964	7.964	0	%100
106	M125	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	M48	X	8.76	8.76	0	%100
2	M48	Z	5.058	5.058	0	%100
3	M53	X	3.702	3.702	0	%100
4	M53	Z	2.137	2.137	0	%100
5	M54	X	3.702	3.702	0	%100
6	M54	Z	2.137	2.137	0	%100
7	M62	X	.224	.224	0	%100
8	M62	Z	.129	.129	0	%100
9	M63	X	.251	.251	0	%100
10	M63	Z	.145	.145	0	%100
11	M66	X	5.806	5.806	0	%100
12	M66	Z	3.352	3.352	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,%]
13	M67	X	1.451	1.451	0	%100
14	M67	Z	.838	.838	0	%100
15	M200	X	2.372	2.372	0	%100
16	M200	Z	1.369	1.369	0	%100
17	MP4A	X	6.438	6.438	0	%100
18	MP4A	Z	3.717	3.717	0	%100
19	MP3A	X	6.438	6.438	0	%100
20	MP3A	Z	3.717	3.717	0	%100
21	MP2A	X	7.793	7.793	0	%100
22	MP2A	Z	4.5	4.5	0	%100
23	MP1A	X	6.438	6.438	0	%100
24	MP1A	Z	3.717	3.717	0	%100
25	M37	X	3.389	3.389	0	%100
26	M37	Z	1.957	1.957	0	%100
27	M38	X	3.388	3.388	0	%100
28	M38	Z	1.956	1.956	0	%100
29	M36A	X	8.761	8.761	0	%100
30	M36A	Z	5.058	5.058	0	%100
31	M39A	X	3.702	3.702	0	%100
32	M39A	Z	2.137	2.137	0	%100
33	M40A	X	3.702	3.702	0	%100
34	M40A	Z	2.137	2.137	0	%100
35	M48A	X	.224	.224	0	%100
36	M48A	Z	.129	.129	0	%100
37	M49A	X	.251	.251	0	%100
38	M49A	Z	.145	.145	0	%100
39	M50	X	1.451	1.451	0	%100
40	M50	Z	.838	.838	0	%100
41	M51A	X	5.806	5.806	0	%100
42	M51A	Z	3.352	3.352	0	%100
43	M53A	X	3.388	3.388	0	%100
44	M53A	Z	1.956	1.956	0	%100
45	M54A	X	3.388	3.388	0	%100
46	M54A	Z	1.956	1.956	0	%100
47	OVP2	X	6.438	6.438	0	%100
48	OVP2	Z	3.717	3.717	0	%100
49	M60A	X	0	0	0	%100
50	M60A	Z	0	0	0	%100
51	M63A	X	14.809	14.809	0	%100
52	M63A	Z	8.55	8.55	0	%100
53	M64	X	14.809	14.809	0	%100
54	M64	Z	8.55	8.55	0	%100
55	M72	X	.896	.896	0	%100
56	M72	Z	.517	.517	0	%100
57	M73	X	1.004	1.004	0	%100
58	M73	Z	.58	.58	0	%100
59	M74	X	1.451	1.451	0	%100
60	M74	Z	.838	.838	0	%100
61	M75	X	1.451	1.451	0	%100
62	M75	Z	.838	.838	0	%100
63	M77	X	13.554	13.554	0	%100
64	M77	Z	7.825	7.825	0	%100
65	M78	X	13.554	13.554	0	%100
66	M78	Z	7.825	7.825	0	%100
67	M82	X	2.372	2.372	0	%100
68	M82	Z	1.369	1.369	0	%100
69	MP4C	X	6.438	6.438	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,%]
70	MP4C	Z	3.717	3.717	0	%100
71	MP3C	X	6.438	6.438	0	%100
72	MP3C	Z	3.717	3.717	0	%100
73	MP2C	X	7.793	7.793	0	%100
74	MP2C	Z	4.5	4.5	0	%100
75	MP1C	X	6.438	6.438	0	%100
76	MP1C	Z	3.717	3.717	0	%100
77	M91	X	9.488	9.488	0	%100
78	M91	Z	5.478	5.478	0	%100
79	MP4B	X	6.438	6.438	0	%100
80	MP4B	Z	3.717	3.717	0	%100
81	MP3B	X	6.438	6.438	0	%100
82	MP3B	Z	3.717	3.717	0	%100
83	MP2B	X	7.793	7.793	0	%100
84	MP2B	Z	4.5	4.5	0	%100
85	MP1B	X	6.438	6.438	0	%100
86	MP1B	Z	3.717	3.717	0	%100
87	OVP1	X	5.867	5.867	0	%100
88	OVP1	Z	3.387	3.387	0	%100
89	M97	X	1.948	1.948	0	%100
90	M97	Z	1.125	1.125	0	%100
91	M102	X	1.948	1.948	0	%100
92	M102	Z	1.125	1.125	0	%100
93	M107	X	7.793	7.793	0	%100
94	M107	Z	4.5	4.5	0	%100
95	M118	X	2.455	2.455	0	%100
96	M118	Z	1.418	1.418	0	%100
97	M119	X	9.821	9.821	0	%100
98	M119	Z	5.67	5.67	0	%100
99	M120	X	2.455	2.455	0	%100
100	M120	Z	1.417	1.417	0	%100
101	M121	X	10.435	10.435	0	%100
102	M121	Z	6.025	6.025	0	%100
103	M123A	X	10.435	10.435	0	%100
104	M123A	Z	6.025	6.025	0	%100
105	M125	X	5.128	5.128	0	%100
106	M125	Z	2.961	2.961	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	M48	X	1.686	1.686	0	%100
2	M48	Z	2.92	2.92	0	%100
3	M53	X	6.412	6.412	0	%100
4	M53	Z	11.107	11.107	0	%100
5	M54	X	6.412	6.412	0	%100
6	M54	Z	11.107	11.107	0	%100
7	M62	X	.388	.388	0	%100
8	M62	Z	.672	.672	0	%100
9	M63	X	.435	.435	0	%100
10	M63	Z	.753	.753	0	%100
11	M66	X	2.514	2.514	0	%100
12	M66	Z	4.354	4.354	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	4.108	4.108	0	%100
16	M200	Z	7.116	7.116	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,%]
17	MP4A	X	3.717	3.717	0	%100
18	MP4A	Z	6.438	6.438	0	%100
19	MP3A	X	3.717	3.717	0	%100
20	MP3A	Z	6.438	6.438	0	%100
21	MP2A	X	4.5	4.5	0	%100
22	MP2A	Z	7.793	7.793	0	%100
23	MP1A	X	3.717	3.717	0	%100
24	MP1A	Z	6.438	6.438	0	%100
25	M37	X	5.869	5.869	0	%100
26	M37	Z	10.166	10.166	0	%100
27	M38	X	5.869	5.869	0	%100
28	M38	Z	10.165	10.165	0	%100
29	M36A	X	6.744	6.744	0	%100
30	M36A	Z	11.681	11.681	0	%100
31	M39A	X	0	0	0	%100
32	M39A	Z	0	0	0	%100
33	M40A	X	0	0	0	%100
34	M40A	Z	0	0	0	%100
35	M48A	X	0	0	0	%100
36	M48A	Z	0	0	0	%100
37	M49A	X	0	0	0	%100
38	M49A	Z	0	0	0	%100
39	M50	X	2.514	2.514	0	%100
40	M50	Z	4.354	4.354	0	%100
41	M51A	X	2.514	2.514	0	%100
42	M51A	Z	4.354	4.354	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	0	0	0	%100
45	M54A	X	0	0	0	%100
46	M54A	Z	0	0	0	%100
47	OVP2	X	3.717	3.717	0	%100
48	OVP2	Z	6.438	6.438	0	%100
49	M60A	X	1.686	1.686	0	%100
50	M60A	Z	2.92	2.92	0	%100
51	M63A	X	6.412	6.412	0	%100
52	M63A	Z	11.107	11.107	0	%100
53	M64	X	6.412	6.412	0	%100
54	M64	Z	11.107	11.107	0	%100
55	M72	X	.388	.388	0	%100
56	M72	Z	.672	.672	0	%100
57	M73	X	.435	.435	0	%100
58	M73	Z	.753	.753	0	%100
59	M74	X	0	0	0	%100
60	M74	Z	0	0	0	%100
61	M75	X	2.514	2.514	0	%100
62	M75	Z	4.354	4.354	0	%100
63	M77	X	5.869	5.869	0	%100
64	M77	Z	10.165	10.165	0	%100
65	M78	X	5.869	5.869	0	%100
66	M78	Z	10.165	10.165	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	MP4C	X	3.717	3.717	0	%100
70	MP4C	Z	6.438	6.438	0	%100
71	MP3C	X	3.717	3.717	0	%100
72	MP3C	Z	6.438	6.438	0	%100
73	MP2C	X	4.5	4.5	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,%]
74	MP2C	Z	7.793	7.793	0	%100
75	MP1C	X	3.717	3.717	0	%100
76	MP1C	Z	6.438	6.438	0	%100
77	M91	X	4.108	4.108	0	%100
78	M91	Z	7.116	7.116	0	%100
79	MP4B	X	3.717	3.717	0	%100
80	MP4B	Z	6.438	6.438	0	%100
81	MP3B	X	3.717	3.717	0	%100
82	MP3B	Z	6.438	6.438	0	%100
83	MP2B	X	4.5	4.5	0	%100
84	MP2B	Z	7.793	7.793	0	%100
85	MP1B	X	3.717	3.717	0	%100
86	MP1B	Z	6.438	6.438	0	%100
87	OVP1	X	3.387	3.387	0	%100
88	OVP1	Z	5.867	5.867	0	%100
89	M97	X	3.375	3.375	0	%100
90	M97	Z	5.845	5.845	0	%100
91	M102	X	0	0	0	%100
92	M102	Z	0	0	0	%100
93	M107	X	3.375	3.375	0	%100
94	M107	Z	5.845	5.845	0	%100
95	M118	X	0	0	0	%100
96	M118	Z	0	0	0	%100
97	M119	X	4.252	4.252	0	%100
98	M119	Z	7.366	7.366	0	%100
99	M120	X	4.252	4.252	0	%100
100	M120	Z	7.365	7.365	0	%100
101	M121	X	3.982	3.982	0	%100
102	M121	Z	6.897	6.897	0	%100
103	M123A	X	7.046	7.046	0	%100
104	M123A	Z	12.204	12.204	0	%100
105	M125	X	3.982	3.982	0	%100
106	M125	Z	6.897	6.897	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	17.1	17.1	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	17.1	17.1	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	1.034	1.034	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	1.16	1.16	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	1.676	1.676	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	1.676	1.676	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	10.955	10.955	0	%100
17	MP4A	X	0	0	0	%100
18	MP4A	Z	7.434	7.434	0	%100
19	MP3A	X	0	0	0	%100
20	MP3A	Z	7.434	7.434	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,%]
21	MP2A	X	0	0	0	%100
22	MP2A	Z	8.999	8.999	0	%100
23	MP1A	X	0	0	0	%100
24	MP1A	Z	7.434	7.434	0	%100
25	M37	X	0	0	0	%100
26	M37	Z	15.651	15.651	0	%100
27	M38	X	0	0	0	%100
28	M38	Z	15.651	15.651	0	%100
29	M36A	X	0	0	0	%100
30	M36A	Z	10.116	10.116	0	%100
31	M39A	X	0	0	0	%100
32	M39A	Z	4.275	4.275	0	%100
33	M40A	X	0	0	0	%100
34	M40A	Z	4.275	4.275	0	%100
35	M48A	X	0	0	0	%100
36	M48A	Z	.259	.259	0	%100
37	M49A	X	0	0	0	%100
38	M49A	Z	.29	.29	0	%100
39	M50	X	0	0	0	%100
40	M50	Z	6.704	6.704	0	%100
41	M51A	X	0	0	0	%100
42	M51A	Z	1.676	1.676	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	3.913	3.913	0	%100
45	M54A	X	0	0	0	%100
46	M54A	Z	3.913	3.913	0	%100
47	OVP2	X	0	0	0	%100
48	OVP2	Z	7.434	7.434	0	%100
49	M60A	X	0	0	0	%100
50	M60A	Z	10.116	10.116	0	%100
51	M63A	X	0	0	0	%100
52	M63A	Z	4.275	4.275	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	4.275	4.275	0	%100
55	M72	X	0	0	0	%100
56	M72	Z	.259	.259	0	%100
57	M73	X	0	0	0	%100
58	M73	Z	.29	.29	0	%100
59	M74	X	0	0	0	%100
60	M74	Z	1.676	1.676	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	6.704	6.704	0	%100
63	M77	X	0	0	0	%100
64	M77	Z	3.912	3.912	0	%100
65	M78	X	0	0	0	%100
66	M78	Z	3.913	3.913	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	2.739	2.739	0	%100
69	MP4C	X	0	0	0	%100
70	MP4C	Z	7.434	7.434	0	%100
71	MP3C	X	0	0	0	%100
72	MP3C	Z	7.434	7.434	0	%100
73	MP2C	X	0	0	0	%100
74	MP2C	Z	8.999	8.999	0	%100
75	MP1C	X	0	0	0	%100
76	MP1C	Z	7.434	7.434	0	%100
77	M91	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,%]
78	M91	Z	2.739	2.739	0	%100
79	MP4B	X	0	0	0	%100
80	MP4B	Z	7.434	7.434	0	%100
81	MP3B	X	0	0	0	%100
82	MP3B	Z	7.434	7.434	0	%100
83	MP2B	X	0	0	0	%100
84	MP2B	Z	8.999	8.999	0	%100
85	MP1B	X	0	0	0	%100
86	MP1B	Z	7.434	7.434	0	%100
87	OVP1	X	0	0	0	%100
88	OVP1	Z	6.775	6.775	0	%100
89	M97	X	0	0	0	%100
90	M97	Z	8.999	8.999	0	%100
91	M102	X	0	0	0	%100
92	M102	Z	2.25	2.25	0	%100
93	M107	X	0	0	0	%100
94	M107	Z	2.25	2.25	0	%100
95	M118	X	0	0	0	%100
96	M118	Z	2.835	2.835	0	%100
97	M119	X	0	0	0	%100
98	M119	Z	2.835	2.835	0	%100
99	M120	X	0	0	0	%100
100	M120	Z	11.34	11.34	0	%100
101	M121	X	0	0	0	%100
102	M121	Z	5.922	5.922	0	%100
103	M123A	X	0	0	0	%100
104	M123A	Z	12.049	12.049	0	%100
105	M125	X	0	0	0	%100
106	M125	Z	12.049	12.049	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	M48	X	-1.686	-1.686	0	%100
2	M48	Z	2.92	2.92	0	%100
3	M53	X	-6.412	-6.412	0	%100
4	M53	Z	11.107	11.107	0	%100
5	M54	X	-6.412	-6.412	0	%100
6	M54	Z	11.107	11.107	0	%100
7	M62	X	-.388	-.388	0	%100
8	M62	Z	.672	.672	0	%100
9	M63	X	-.435	-.435	0	%100
10	M63	Z	.753	.753	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	-2.514	-2.514	0	%100
14	M67	Z	4.354	4.354	0	%100
15	M200	X	-4.108	-4.108	0	%100
16	M200	Z	7.116	7.116	0	%100
17	MP4A	X	-3.717	-3.717	0	%100
18	MP4A	Z	6.438	6.438	0	%100
19	MP3A	X	-3.717	-3.717	0	%100
20	MP3A	Z	6.438	6.438	0	%100
21	MP2A	X	-4.5	-4.5	0	%100
22	MP2A	Z	7.793	7.793	0	%100
23	MP1A	X	-3.717	-3.717	0	%100
24	MP1A	Z	6.438	6.438	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,%]
25	M37	X	-5.869	-5.869	0	%100
26	M37	Z	10.165	10.165	0	%100
27	M38	X	-5.869	-5.869	0	%100
28	M38	Z	10.165	10.165	0	%100
29	M36A	X	-1.686	-1.686	0	%100
30	M36A	Z	2.92	2.92	0	%100
31	M39A	X	-6.412	-6.412	0	%100
32	M39A	Z	11.107	11.107	0	%100
33	M40A	X	-6.412	-6.412	0	%100
34	M40A	Z	11.107	11.107	0	%100
35	M48A	X	-.388	-.388	0	%100
36	M48A	Z	.672	.672	0	%100
37	M49A	X	-.435	-.435	0	%100
38	M49A	Z	.753	.753	0	%100
39	M50	X	-2.514	-2.514	0	%100
40	M50	Z	4.354	4.354	0	%100
41	M51A	X	0	0	0	%100
42	M51A	Z	0	0	0	%100
43	M53A	X	-5.869	-5.869	0	%100
44	M53A	Z	10.166	10.166	0	%100
45	M54A	X	-5.869	-5.869	0	%100
46	M54A	Z	10.165	10.165	0	%100
47	OVP2	X	-3.717	-3.717	0	%100
48	OVP2	Z	6.438	6.438	0	%100
49	M60A	X	-6.744	-6.744	0	%100
50	M60A	Z	11.681	11.681	0	%100
51	M63A	X	0	0	0	%100
52	M63A	Z	0	0	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	0	0	0	%100
55	M72	X	0	0	0	%100
56	M72	Z	0	0	0	%100
57	M73	X	0	0	0	%100
58	M73	Z	0	0	0	%100
59	M74	X	-2.514	-2.514	0	%100
60	M74	Z	4.354	4.354	0	%100
61	M75	X	-2.514	-2.514	0	%100
62	M75	Z	4.354	4.354	0	%100
63	M77	X	0	0	0	%100
64	M77	Z	0	0	0	%100
65	M78	X	0	0	0	%100
66	M78	Z	0	0	0	%100
67	M82	X	-4.108	-4.108	0	%100
68	M82	Z	7.116	7.116	0	%100
69	MP4C	X	-3.717	-3.717	0	%100
70	MP4C	Z	6.438	6.438	0	%100
71	MP3C	X	-3.717	-3.717	0	%100
72	MP3C	Z	6.438	6.438	0	%100
73	MP2C	X	-4.5	-4.5	0	%100
74	MP2C	Z	7.793	7.793	0	%100
75	MP1C	X	-3.717	-3.717	0	%100
76	MP1C	Z	6.438	6.438	0	%100
77	M91	X	0	0	0	%100
78	M91	Z	0	0	0	%100
79	MP4B	X	-3.717	-3.717	0	%100
80	MP4B	Z	6.438	6.438	0	%100
81	MP3B	X	-3.717	-3.717	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,%]
82	MP3B	Z	6.438	6.438	0	%100
83	MP2B	X	-4.5	-4.5	0	%100
84	MP2B	Z	7.793	7.793	0	%100
85	MP1B	X	-3.717	-3.717	0	%100
86	MP1B	Z	6.438	6.438	0	%100
87	OVP1	X	-3.387	-3.387	0	%100
88	OVP1	Z	5.867	5.867	0	%100
89	M97	X	-3.375	-3.375	0	%100
90	M97	Z	5.845	5.845	0	%100
91	M102	X	-3.375	-3.375	0	%100
92	M102	Z	5.845	5.845	0	%100
93	M107	X	0	0	0	%100
94	M107	Z	0	0	0	%100
95	M118	X	-4.252	-4.252	0	%100
96	M118	Z	7.365	7.365	0	%100
97	M119	X	0	0	0	%100
98	M119	Z	0	0	0	%100
99	M120	X	-4.252	-4.252	0	%100
100	M120	Z	7.366	7.366	0	%100
101	M121	X	-3.982	-3.982	0	%100
102	M121	Z	6.897	6.897	0	%100
103	M123A	X	-3.982	-3.982	0	%100
104	M123A	Z	6.897	6.897	0	%100
105	M125	X	-7.046	-7.046	0	%100
106	M125	Z	12.204	12.204	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	M48	X	-8.761	-8.761	0	%100
2	M48	Z	5.058	5.058	0	%100
3	M53	X	-3.702	-3.702	0	%100
4	M53	Z	2.137	2.137	0	%100
5	M54	X	-3.702	-3.702	0	%100
6	M54	Z	2.137	2.137	0	%100
7	M62	X	-.224	-.224	0	%100
8	M62	Z	.129	.129	0	%100
9	M63	X	-.251	-.251	0	%100
10	M63	Z	.145	.145	0	%100
11	M66	X	-1.451	-1.451	0	%100
12	M66	Z	.838	.838	0	%100
13	M67	X	-5.806	-5.806	0	%100
14	M67	Z	3.352	3.352	0	%100
15	M200	X	-2.372	-2.372	0	%100
16	M200	Z	1.369	1.369	0	%100
17	MP4A	X	-6.438	-6.438	0	%100
18	MP4A	Z	3.717	3.717	0	%100
19	MP3A	X	-6.438	-6.438	0	%100
20	MP3A	Z	3.717	3.717	0	%100
21	MP2A	X	-7.793	-7.793	0	%100
22	MP2A	Z	4.5	4.5	0	%100
23	MP1A	X	-6.438	-6.438	0	%100
24	MP1A	Z	3.717	3.717	0	%100
25	M37	X	-3.388	-3.388	0	%100
26	M37	Z	1.956	1.956	0	%100
27	M38	X	-3.388	-3.388	0	%100
28	M38	Z	1.956	1.956	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,%]
29	M36A	X	0	0	0	%100
30	M36A	Z	0	0	0	%100
31	M39A	X	-14.809	-14.809	0	%100
32	M39A	Z	8.55	8.55	0	%100
33	M40A	X	-14.809	-14.809	0	%100
34	M40A	Z	8.55	8.55	0	%100
35	M48A	X	-.896	-.896	0	%100
36	M48A	Z	.517	.517	0	%100
37	M49A	X	-1.004	-1.004	0	%100
38	M49A	Z	.58	.58	0	%100
39	M50	X	-1.451	-1.451	0	%100
40	M50	Z	.838	.838	0	%100
41	M51A	X	-1.451	-1.451	0	%100
42	M51A	Z	.838	.838	0	%100
43	M53A	X	-13.554	-13.554	0	%100
44	M53A	Z	7.825	7.825	0	%100
45	M54A	X	-13.554	-13.554	0	%100
46	M54A	Z	7.825	7.825	0	%100
47	OVP2	X	-6.438	-6.438	0	%100
48	OVP2	Z	3.717	3.717	0	%100
49	M60A	X	-8.76	-8.76	0	%100
50	M60A	Z	5.058	5.058	0	%100
51	M63A	X	-3.702	-3.702	0	%100
52	M63A	Z	2.137	2.137	0	%100
53	M64	X	-3.702	-3.702	0	%100
54	M64	Z	2.137	2.137	0	%100
55	M72	X	-.224	-.224	0	%100
56	M72	Z	.129	.129	0	%100
57	M73	X	-.251	-.251	0	%100
58	M73	Z	.145	.145	0	%100
59	M74	X	-5.806	-5.806	0	%100
60	M74	Z	3.352	3.352	0	%100
61	M75	X	-1.451	-1.451	0	%100
62	M75	Z	.838	.838	0	%100
63	M77	X	-3.389	-3.389	0	%100
64	M77	Z	1.957	1.957	0	%100
65	M78	X	-3.388	-3.388	0	%100
66	M78	Z	1.956	1.956	0	%100
67	M82	X	-9.488	-9.488	0	%100
68	M82	Z	5.478	5.478	0	%100
69	MP4C	X	-6.438	-6.438	0	%100
70	MP4C	Z	3.717	3.717	0	%100
71	MP3C	X	-6.438	-6.438	0	%100
72	MP3C	Z	3.717	3.717	0	%100
73	MP2C	X	-7.793	-7.793	0	%100
74	MP2C	Z	4.5	4.5	0	%100
75	MP1C	X	-6.438	-6.438	0	%100
76	MP1C	Z	3.717	3.717	0	%100
77	M91	X	-2.372	-2.372	0	%100
78	M91	Z	1.369	1.369	0	%100
79	MP4B	X	-6.438	-6.438	0	%100
80	MP4B	Z	3.717	3.717	0	%100
81	MP3B	X	-6.438	-6.438	0	%100
82	MP3B	Z	3.717	3.717	0	%100
83	MP2B	X	-7.793	-7.793	0	%100
84	MP2B	Z	4.5	4.5	0	%100
85	MP1B	X	-6.438	-6.438	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,%]
86	MP1B	Z	3.717	3.717	0	%100
87	OVP1	X	-5.867	-5.867	0	%100
88	OVP1	Z	3.387	3.387	0	%100
89	M97	X	-1.948	-1.948	0	%100
90	M97	Z	1.125	1.125	0	%100
91	M102	X	-7.793	-7.793	0	%100
92	M102	Z	4.5	4.5	0	%100
93	M107	X	-1.948	-1.948	0	%100
94	M107	Z	1.125	1.125	0	%100
95	M118	X	-9.821	-9.821	0	%100
96	M118	Z	5.67	5.67	0	%100
97	M119	X	-2.455	-2.455	0	%100
98	M119	Z	1.417	1.417	0	%100
99	M120	X	-2.455	-2.455	0	%100
100	M120	Z	1.418	1.418	0	%100
101	M121	X	-10.435	-10.435	0	%100
102	M121	Z	6.025	6.025	0	%100
103	M123A	X	-5.128	-5.128	0	%100
104	M123A	Z	2.961	2.961	0	%100
105	M125	X	-10.435	-10.435	0	%100
106	M125	Z	6.025	6.025	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	M48	X	-13.488	-13.488	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M66	X	-5.028	-5.028	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	-5.028	-5.028	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	0	0	0	%100
17	MP4A	X	-7.434	-7.434	0	%100
18	MP4A	Z	0	0	0	%100
19	MP3A	X	-7.434	-7.434	0	%100
20	MP3A	Z	0	0	0	%100
21	MP2A	X	-8.999	-8.999	0	%100
22	MP2A	Z	0	0	0	%100
23	MP1A	X	-7.434	-7.434	0	%100
24	MP1A	Z	0	0	0	%100
25	M37	X	0	0	0	%100
26	M37	Z	0	0	0	%100
27	M38	X	0	0	0	%100
28	M38	Z	0	0	0	%100
29	M36A	X	-3.372	-3.372	0	%100
30	M36A	Z	0	0	0	%100
31	M39A	X	-12.825	-12.825	0	%100
32	M39A	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,%]
33	M40A	X	-12.825	-12.825	0	%100
34	M40A	Z	0	0	0	%100
35	M48A	X	-.776	-.776	0	%100
36	M48A	Z	0	0	0	%100
37	M49A	X	-.87	-.87	0	%100
38	M49A	Z	0	0	0	%100
39	M50	X	0	0	0	%100
40	M50	Z	0	0	0	%100
41	M51A	X	-5.028	-5.028	0	%100
42	M51A	Z	0	0	0	%100
43	M53A	X	-11.737	-11.737	0	%100
44	M53A	Z	0	0	0	%100
45	M54A	X	-11.738	-11.738	0	%100
46	M54A	Z	0	0	0	%100
47	OVP2	X	-7.434	-7.434	0	%100
48	OVP2	Z	0	0	0	%100
49	M60A	X	-3.372	-3.372	0	%100
50	M60A	Z	0	0	0	%100
51	M63A	X	-12.825	-12.825	0	%100
52	M63A	Z	0	0	0	%100
53	M64	X	-12.825	-12.825	0	%100
54	M64	Z	0	0	0	%100
55	M72	X	-.776	-.776	0	%100
56	M72	Z	0	0	0	%100
57	M73	X	-.87	-.87	0	%100
58	M73	Z	0	0	0	%100
59	M74	X	-5.028	-5.028	0	%100
60	M74	Z	0	0	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	0	0	0	%100
63	M77	X	-11.738	-11.738	0	%100
64	M77	Z	0	0	0	%100
65	M78	X	-11.738	-11.738	0	%100
66	M78	Z	0	0	0	%100
67	M82	X	-8.217	-8.217	0	%100
68	M82	Z	0	0	0	%100
69	MP4C	X	-7.434	-7.434	0	%100
70	MP4C	Z	0	0	0	%100
71	MP3C	X	-7.434	-7.434	0	%100
72	MP3C	Z	0	0	0	%100
73	MP2C	X	-8.999	-8.999	0	%100
74	MP2C	Z	0	0	0	%100
75	MP1C	X	-7.434	-7.434	0	%100
76	MP1C	Z	0	0	0	%100
77	M91	X	-8.217	-8.217	0	%100
78	M91	Z	0	0	0	%100
79	MP4B	X	-7.434	-7.434	0	%100
80	MP4B	Z	0	0	0	%100
81	MP3B	X	-7.434	-7.434	0	%100
82	MP3B	Z	0	0	0	%100
83	MP2B	X	-8.999	-8.999	0	%100
84	MP2B	Z	0	0	0	%100
85	MP1B	X	-7.434	-7.434	0	%100
86	MP1B	Z	0	0	0	%100
87	OVP1	X	-6.775	-6.775	0	%100
88	OVP1	Z	0	0	0	%100
89	M97	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
90	M97	Z	0	0	0	%100
91	M102	X	-6.749	-6.749	0	%100
92	M102	Z	0	0	0	%100
93	M107	X	-6.749	-6.749	0	%100
94	M107	Z	0	0	0	%100
95	M118	X	-8.505	-8.505	0	%100
96	M118	Z	0	0	0	%100
97	M119	X	-8.505	-8.505	0	%100
98	M119	Z	0	0	0	%100
99	M120	X	0	0	0	%100
100	M120	Z	0	0	0	%100
101	M121	X	-14.092	-14.092	0	%100
102	M121	Z	0	0	0	%100
103	M123A	X	-7.964	-7.964	0	%100
104	M123A	Z	0	0	0	%100
105	M125	X	-7.964	-7.964	0	%100
106	M125	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	M48	X	-8.76	-8.76	0	%100
2	M48	Z	-5.058	-5.058	0	%100
3	M53	X	-3.702	-3.702	0	%100
4	M53	Z	-2.137	-2.137	0	%100
5	M54	X	-3.702	-3.702	0	%100
6	M54	Z	-2.137	-2.137	0	%100
7	M62	X	-.224	-.224	0	%100
8	M62	Z	-.129	-.129	0	%100
9	M63	X	-.251	-.251	0	%100
10	M63	Z	-.145	-.145	0	%100
11	M66	X	-5.806	-5.806	0	%100
12	M66	Z	-3.352	-3.352	0	%100
13	M67	X	-1.451	-1.451	0	%100
14	M67	Z	-.838	-.838	0	%100
15	M200	X	-2.372	-2.372	0	%100
16	M200	Z	-1.369	-1.369	0	%100
17	MP4A	X	-6.438	-6.438	0	%100
18	MP4A	Z	-3.717	-3.717	0	%100
19	MP3A	X	-6.438	-6.438	0	%100
20	MP3A	Z	-3.717	-3.717	0	%100
21	MP2A	X	-7.793	-7.793	0	%100
22	MP2A	Z	-4.5	-4.5	0	%100
23	MP1A	X	-6.438	-6.438	0	%100
24	MP1A	Z	-3.717	-3.717	0	%100
25	M37	X	-3.389	-3.389	0	%100
26	M37	Z	-1.957	-1.957	0	%100
27	M38	X	-3.388	-3.388	0	%100
28	M38	Z	-1.956	-1.956	0	%100
29	M36A	X	-8.761	-8.761	0	%100
30	M36A	Z	-5.058	-5.058	0	%100
31	M39A	X	-3.702	-3.702	0	%100
32	M39A	Z	-2.137	-2.137	0	%100
33	M40A	X	-3.702	-3.702	0	%100
34	M40A	Z	-2.137	-2.137	0	%100
35	M48A	X	-.224	-.224	0	%100
36	M48A	Z	-.129	-.129	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,%]
37	M49A	X	-.251	-.251	0	%100
38	M49A	Z	-.145	-.145	0	%100
39	M50	X	-1.451	-1.451	0	%100
40	M50	Z	-.838	-.838	0	%100
41	M51A	X	-5.806	-5.806	0	%100
42	M51A	Z	-3.352	-3.352	0	%100
43	M53A	X	-3.388	-3.388	0	%100
44	M53A	Z	-1.956	-1.956	0	%100
45	M54A	X	-3.388	-3.388	0	%100
46	M54A	Z	-1.956	-1.956	0	%100
47	OVP2	X	-6.438	-6.438	0	%100
48	OVP2	Z	-3.717	-3.717	0	%100
49	M60A	X	0	0	0	%100
50	M60A	Z	0	0	0	%100
51	M63A	X	-14.809	-14.809	0	%100
52	M63A	Z	-8.55	-8.55	0	%100
53	M64	X	-14.809	-14.809	0	%100
54	M64	Z	-8.55	-8.55	0	%100
55	M72	X	-.896	-.896	0	%100
56	M72	Z	-.517	-.517	0	%100
57	M73	X	-1.004	-1.004	0	%100
58	M73	Z	-.58	-.58	0	%100
59	M74	X	-1.451	-1.451	0	%100
60	M74	Z	-.838	-.838	0	%100
61	M75	X	-1.451	-1.451	0	%100
62	M75	Z	-.838	-.838	0	%100
63	M77	X	-13.554	-13.554	0	%100
64	M77	Z	-7.825	-7.825	0	%100
65	M78	X	-13.554	-13.554	0	%100
66	M78	Z	-7.825	-7.825	0	%100
67	M82	X	-2.372	-2.372	0	%100
68	M82	Z	-1.369	-1.369	0	%100
69	MP4C	X	-6.438	-6.438	0	%100
70	MP4C	Z	-3.717	-3.717	0	%100
71	MP3C	X	-6.438	-6.438	0	%100
72	MP3C	Z	-3.717	-3.717	0	%100
73	MP2C	X	-7.793	-7.793	0	%100
74	MP2C	Z	-4.5	-4.5	0	%100
75	MP1C	X	-6.438	-6.438	0	%100
76	MP1C	Z	-3.717	-3.717	0	%100
77	M91	X	-9.488	-9.488	0	%100
78	M91	Z	-5.478	-5.478	0	%100
79	MP4B	X	-6.438	-6.438	0	%100
80	MP4B	Z	-3.717	-3.717	0	%100
81	MP3B	X	-6.438	-6.438	0	%100
82	MP3B	Z	-3.717	-3.717	0	%100
83	MP2B	X	-7.793	-7.793	0	%100
84	MP2B	Z	-4.5	-4.5	0	%100
85	MP1B	X	-6.438	-6.438	0	%100
86	MP1B	Z	-3.717	-3.717	0	%100
87	OVP1	X	-5.867	-5.867	0	%100
88	OVP1	Z	-3.387	-3.387	0	%100
89	M97	X	-1.948	-1.948	0	%100
90	M97	Z	-1.125	-1.125	0	%100
91	M102	X	-1.948	-1.948	0	%100
92	M102	Z	-1.125	-1.125	0	%100
93	M107	X	-7.793	-7.793	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,%]
94	M107	Z	-4.5	-4.5	0	%100
95	M118	X	-2.455	-2.455	0	%100
96	M118	Z	-1.418	-1.418	0	%100
97	M119	X	-9.821	-9.821	0	%100
98	M119	Z	-5.67	-5.67	0	%100
99	M120	X	-2.455	-2.455	0	%100
100	M120	Z	-1.417	-1.417	0	%100
101	M121	X	-10.435	-10.435	0	%100
102	M121	Z	-6.025	-6.025	0	%100
103	M123A	X	-10.435	-10.435	0	%100
104	M123A	Z	-6.025	-6.025	0	%100
105	M125	X	-5.128	-5.128	0	%100
106	M125	Z	-2.961	-2.961	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	M48	X	-1.686	-1.686	0	%100
2	M48	Z	-2.92	-2.92	0	%100
3	M53	X	-6.412	-6.412	0	%100
4	M53	Z	-11.107	-11.107	0	%100
5	M54	X	-6.412	-6.412	0	%100
6	M54	Z	-11.107	-11.107	0	%100
7	M62	X	-.388	-.388	0	%100
8	M62	Z	-.672	-.672	0	%100
9	M63	X	-.435	-.435	0	%100
10	M63	Z	-.753	-.753	0	%100
11	M66	X	-2.514	-2.514	0	%100
12	M66	Z	-4.354	-4.354	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	-4.108	-4.108	0	%100
16	M200	Z	-7.116	-7.116	0	%100
17	MP4A	X	-3.717	-3.717	0	%100
18	MP4A	Z	-6.438	-6.438	0	%100
19	MP3A	X	-3.717	-3.717	0	%100
20	MP3A	Z	-6.438	-6.438	0	%100
21	MP2A	X	-4.5	-4.5	0	%100
22	MP2A	Z	-7.793	-7.793	0	%100
23	MP1A	X	-3.717	-3.717	0	%100
24	MP1A	Z	-6.438	-6.438	0	%100
25	M37	X	-5.869	-5.869	0	%100
26	M37	Z	-10.166	-10.166	0	%100
27	M38	X	-5.869	-5.869	0	%100
28	M38	Z	-10.165	-10.165	0	%100
29	M36A	X	-6.744	-6.744	0	%100
30	M36A	Z	-11.681	-11.681	0	%100
31	M39A	X	0	0	0	%100
32	M39A	Z	0	0	0	%100
33	M40A	X	0	0	0	%100
34	M40A	Z	0	0	0	%100
35	M48A	X	0	0	0	%100
36	M48A	Z	0	0	0	%100
37	M49A	X	0	0	0	%100
38	M49A	Z	0	0	0	%100
39	M50	X	-2.514	-2.514	0	%100
40	M50	Z	-4.354	-4.354	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,%]
41	M51A	X	-2.514	-2.514	0	%100
42	M51A	Z	-4.354	-4.354	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	0	0	0	%100
45	M54A	X	0	0	0	%100
46	M54A	Z	0	0	0	%100
47	OVP2	X	-3.717	-3.717	0	%100
48	OVP2	Z	-6.438	-6.438	0	%100
49	M60A	X	-1.686	-1.686	0	%100
50	M60A	Z	-2.92	-2.92	0	%100
51	M63A	X	-6.412	-6.412	0	%100
52	M63A	Z	-11.107	-11.107	0	%100
53	M64	X	-6.412	-6.412	0	%100
54	M64	Z	-11.107	-11.107	0	%100
55	M72	X	-.388	-.388	0	%100
56	M72	Z	-.672	-.672	0	%100
57	M73	X	-.435	-.435	0	%100
58	M73	Z	-.753	-.753	0	%100
59	M74	X	0	0	0	%100
60	M74	Z	0	0	0	%100
61	M75	X	-2.514	-2.514	0	%100
62	M75	Z	-4.354	-4.354	0	%100
63	M77	X	-5.869	-5.869	0	%100
64	M77	Z	-10.165	-10.165	0	%100
65	M78	X	-5.869	-5.869	0	%100
66	M78	Z	-10.165	-10.165	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	MP4C	X	-3.717	-3.717	0	%100
70	MP4C	Z	-6.438	-6.438	0	%100
71	MP3C	X	-3.717	-3.717	0	%100
72	MP3C	Z	-6.438	-6.438	0	%100
73	MP2C	X	-4.5	-4.5	0	%100
74	MP2C	Z	-7.793	-7.793	0	%100
75	MP1C	X	-3.717	-3.717	0	%100
76	MP1C	Z	-6.438	-6.438	0	%100
77	M91	X	-4.108	-4.108	0	%100
78	M91	Z	-7.116	-7.116	0	%100
79	MP4B	X	-3.717	-3.717	0	%100
80	MP4B	Z	-6.438	-6.438	0	%100
81	MP3B	X	-3.717	-3.717	0	%100
82	MP3B	Z	-6.438	-6.438	0	%100
83	MP2B	X	-4.5	-4.5	0	%100
84	MP2B	Z	-7.793	-7.793	0	%100
85	MP1B	X	-3.717	-3.717	0	%100
86	MP1B	Z	-6.438	-6.438	0	%100
87	OVP1	X	-3.387	-3.387	0	%100
88	OVP1	Z	-5.867	-5.867	0	%100
89	M97	X	-3.375	-3.375	0	%100
90	M97	Z	-5.845	-5.845	0	%100
91	M102	X	0	0	0	%100
92	M102	Z	0	0	0	%100
93	M107	X	-3.375	-3.375	0	%100
94	M107	Z	-5.845	-5.845	0	%100
95	M118	X	0	0	0	%100
96	M118	Z	0	0	0	%100
97	M119	X	-4.252	-4.252	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,%]
98	M119	Z	-7.366	-7.366	0	%100
99	M120	X	-4.252	-4.252	0	%100
100	M120	Z	-7.365	-7.365	0	%100
101	M121	X	-3.982	-3.982	0	%100
102	M121	Z	-6.897	-6.897	0	%100
103	M123A	X	-7.046	-7.046	0	%100
104	M123A	Z	-12.204	-12.204	0	%100
105	M125	X	-3.982	-3.982	0	%100
106	M125	Z	-6.897	-6.897	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	-3.876	-3.876	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	-3.876	-3.876	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	-1.089	-1.089	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	-1.227	-1.227	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	-.558	-.558	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	-.558	-.558	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	-3.123	-3.123	0	%100
17	MP4A	X	0	0	0	%100
18	MP4A	Z	-2.512	-2.512	0	%100
19	MP3A	X	0	0	0	%100
20	MP3A	Z	-2.512	-2.512	0	%100
21	MP2A	X	0	0	0	%100
22	MP2A	Z	-2.784	-2.784	0	%100
23	MP1A	X	0	0	0	%100
24	MP1A	Z	-2.512	-2.512	0	%100
25	M37	X	0	0	0	%100
26	M37	Z	-3.43	-3.43	0	%100
27	M38	X	0	0	0	%100
28	M38	Z	-3.43	-3.43	0	%100
29	M36A	X	0	0	0	%100
30	M36A	Z	-2.672	-2.672	0	%100
31	M39A	X	0	0	0	%100
32	M39A	Z	-.969	-.969	0	%100
33	M40A	X	0	0	0	%100
34	M40A	Z	-.969	-.969	0	%100
35	M48A	X	0	0	0	%100
36	M48A	Z	-.272	-.272	0	%100
37	M49A	X	0	0	0	%100
38	M49A	Z	-.307	-.307	0	%100
39	M50	X	0	0	0	%100
40	M50	Z	-2.232	-2.232	0	%100
41	M51A	X	0	0	0	%100
42	M51A	Z	-.558	-.558	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	-.857	-.857	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,%]
45	M54A	X	0	0	0	%100
46	M54A	Z	-.857	-.857	0	%100
47	OVP2	X	0	0	0	%100
48	OVP2	Z	-2.512	-2.512	0	%100
49	M60A	X	0	0	0	%100
50	M60A	Z	-2.672	-2.672	0	%100
51	M63A	X	0	0	0	%100
52	M63A	Z	-.969	-.969	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	-.969	-.969	0	%100
55	M72	X	0	0	0	%100
56	M72	Z	-.272	-.272	0	%100
57	M73	X	0	0	0	%100
58	M73	Z	-.307	-.307	0	%100
59	M74	X	0	0	0	%100
60	M74	Z	-.558	-.558	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	-2.232	-2.232	0	%100
63	M77	X	0	0	0	%100
64	M77	Z	-.857	-.857	0	%100
65	M78	X	0	0	0	%100
66	M78	Z	-.857	-.857	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-.781	-.781	0	%100
69	MP4C	X	0	0	0	%100
70	MP4C	Z	-2.512	-2.512	0	%100
71	MP3C	X	0	0	0	%100
72	MP3C	Z	-2.512	-2.512	0	%100
73	MP2C	X	0	0	0	%100
74	MP2C	Z	-2.784	-2.784	0	%100
75	MP1C	X	0	0	0	%100
76	MP1C	Z	-2.512	-2.512	0	%100
77	M91	X	0	0	0	%100
78	M91	Z	-.781	-.781	0	%100
79	MP4B	X	0	0	0	%100
80	MP4B	Z	-2.512	-2.512	0	%100
81	MP3B	X	0	0	0	%100
82	MP3B	Z	-2.512	-2.512	0	%100
83	MP2B	X	0	0	0	%100
84	MP2B	Z	-2.784	-2.784	0	%100
85	MP1B	X	0	0	0	%100
86	MP1B	Z	-2.512	-2.512	0	%100
87	OVP1	X	0	0	0	%100
88	OVP1	Z	-2.315	-2.315	0	%100
89	M97	X	0	0	0	%100
90	M97	Z	-2.784	-2.784	0	%100
91	M102	X	0	0	0	%100
92	M102	Z	-.696	-.696	0	%100
93	M107	X	0	0	0	%100
94	M107	Z	-.696	-.696	0	%100
95	M118	X	0	0	0	%100
96	M118	Z	-.72	-.72	0	%100
97	M119	X	0	0	0	%100
98	M119	Z	-.72	-.72	0	%100
99	M120	X	0	0	0	%100
100	M120	Z	-2.88	-2.88	0	%100
101	M121	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,%]
102	M121	Z	-1.312	-1.312	0	%100
103	M123A	X	0	0	0	%100
104	M123A	Z	-3.079	-3.079	0	%100
105	M125	X	0	0	0	%100
106	M125	Z	-3.079	-3.079	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	M48	X	.445	.445	0	%100
2	M48	Z	-.771	-.771	0	%100
3	M53	X	1.454	1.454	0	%100
4	M53	Z	-2.518	-2.518	0	%100
5	M54	X	1.454	1.454	0	%100
6	M54	Z	-2.518	-2.518	0	%100
7	M62	X	.408	.408	0	%100
8	M62	Z	-.707	-.707	0	%100
9	M63	X	.46	.46	0	%100
10	M63	Z	-.797	-.797	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	.837	.837	0	%100
14	M67	Z	-1.45	-1.45	0	%100
15	M200	X	1.171	1.171	0	%100
16	M200	Z	-2.029	-2.029	0	%100
17	MP4A	X	1.256	1.256	0	%100
18	MP4A	Z	-2.175	-2.175	0	%100
19	MP3A	X	1.256	1.256	0	%100
20	MP3A	Z	-2.175	-2.175	0	%100
21	MP2A	X	1.392	1.392	0	%100
22	MP2A	Z	-2.411	-2.411	0	%100
23	MP1A	X	1.256	1.256	0	%100
24	MP1A	Z	-2.175	-2.175	0	%100
25	M37	X	1.286	1.286	0	%100
26	M37	Z	-2.227	-2.227	0	%100
27	M38	X	1.286	1.286	0	%100
28	M38	Z	-2.228	-2.228	0	%100
29	M36A	X	.445	.445	0	%100
30	M36A	Z	-.771	-.771	0	%100
31	M39A	X	1.454	1.454	0	%100
32	M39A	Z	-2.518	-2.518	0	%100
33	M40A	X	1.454	1.454	0	%100
34	M40A	Z	-2.518	-2.518	0	%100
35	M48A	X	.408	.408	0	%100
36	M48A	Z	-.707	-.707	0	%100
37	M49A	X	.46	.46	0	%100
38	M49A	Z	-.797	-.797	0	%100
39	M50	X	.837	.837	0	%100
40	M50	Z	-1.45	-1.45	0	%100
41	M51A	X	0	0	0	%100
42	M51A	Z	0	0	0	%100
43	M53A	X	1.286	1.286	0	%100
44	M53A	Z	-2.228	-2.228	0	%100
45	M54A	X	1.286	1.286	0	%100
46	M54A	Z	-2.228	-2.228	0	%100
47	OVP2	X	1.256	1.256	0	%100
48	OVP2	Z	-2.175	-2.175	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,%]
49	M60A	X	1.781	1.781	0	%100
50	M60A	Z	-3.086	-3.086	0	%100
51	M63A	X	0	0	0	%100
52	M63A	Z	0	0	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	0	0	0	%100
55	M72	X	0	0	0	%100
56	M72	Z	0	0	0	%100
57	M73	X	0	0	0	%100
58	M73	Z	0	0	0	%100
59	M74	X	.837	.837	0	%100
60	M74	Z	-1.45	-1.45	0	%100
61	M75	X	.837	.837	0	%100
62	M75	Z	-1.45	-1.45	0	%100
63	M77	X	0	0	0	%100
64	M77	Z	0	0	0	%100
65	M78	X	0	0	0	%100
66	M78	Z	0	0	0	%100
67	M82	X	1.171	1.171	0	%100
68	M82	Z	-2.029	-2.029	0	%100
69	MP4C	X	1.256	1.256	0	%100
70	MP4C	Z	-2.175	-2.175	0	%100
71	MP3C	X	1.256	1.256	0	%100
72	MP3C	Z	-2.175	-2.175	0	%100
73	MP2C	X	1.392	1.392	0	%100
74	MP2C	Z	-2.411	-2.411	0	%100
75	MP1C	X	1.256	1.256	0	%100
76	MP1C	Z	-2.175	-2.175	0	%100
77	M91	X	0	0	0	%100
78	M91	Z	0	0	0	%100
79	MP4B	X	1.256	1.256	0	%100
80	MP4B	Z	-2.175	-2.175	0	%100
81	MP3B	X	1.256	1.256	0	%100
82	MP3B	Z	-2.175	-2.175	0	%100
83	MP2B	X	1.392	1.392	0	%100
84	MP2B	Z	-2.411	-2.411	0	%100
85	MP1B	X	1.256	1.256	0	%100
86	MP1B	Z	-2.175	-2.175	0	%100
87	OVP1	X	1.158	1.158	0	%100
88	OVP1	Z	-2.005	-2.005	0	%100
89	M97	X	1.044	1.044	0	%100
90	M97	Z	-1.808	-1.808	0	%100
91	M102	X	1.044	1.044	0	%100
92	M102	Z	-1.808	-1.808	0	%100
93	M107	X	0	0	0	%100
94	M107	Z	0	0	0	%100
95	M118	X	1.08	1.08	0	%100
96	M118	Z	-1.871	-1.871	0	%100
97	M119	X	0	0	0	%100
98	M119	Z	0	0	0	%100
99	M120	X	1.08	1.08	0	%100
100	M120	Z	-1.871	-1.871	0	%100
101	M121	X	.95	.95	0	%100
102	M121	Z	-1.646	-1.646	0	%100
103	M123A	X	.95	.95	0	%100
104	M123A	Z	-1.646	-1.646	0	%100
105	M125	X	1.834	1.834	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,%]
106	M125	Z	-3.176	-3.176	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	M48	X	2.314	2.314	0	%100
2	M48	Z	-1.336	-1.336	0	%100
3	M53	X	.839	.839	0	%100
4	M53	Z	-.485	-.485	0	%100
5	M54	X	.839	.839	0	%100
6	M54	Z	-.485	-.485	0	%100
7	M62	X	.236	.236	0	%100
8	M62	Z	-.136	-.136	0	%100
9	M63	X	.266	.266	0	%100
10	M63	Z	-.153	-.153	0	%100
11	M66	X	.483	.483	0	%100
12	M66	Z	-.279	-.279	0	%100
13	M67	X	1.933	1.933	0	%100
14	M67	Z	-1.116	-1.116	0	%100
15	M200	X	.676	.676	0	%100
16	M200	Z	-.39	-.39	0	%100
17	MP4A	X	2.175	2.175	0	%100
18	MP4A	Z	-1.256	-1.256	0	%100
19	MP3A	X	2.175	2.175	0	%100
20	MP3A	Z	-1.256	-1.256	0	%100
21	MP2A	X	2.411	2.411	0	%100
22	MP2A	Z	-1.392	-1.392	0	%100
23	MP1A	X	2.175	2.175	0	%100
24	MP1A	Z	-1.256	-1.256	0	%100
25	M37	X	.742	.742	0	%100
26	M37	Z	-.429	-.429	0	%100
27	M38	X	.743	.743	0	%100
28	M38	Z	-.429	-.429	0	%100
29	M36A	X	0	0	0	%100
30	M36A	Z	0	0	0	%100
31	M39A	X	3.357	3.357	0	%100
32	M39A	Z	-1.938	-1.938	0	%100
33	M40A	X	3.357	3.357	0	%100
34	M40A	Z	-1.938	-1.938	0	%100
35	M48A	X	.943	.943	0	%100
36	M48A	Z	-.544	-.544	0	%100
37	M49A	X	1.062	1.062	0	%100
38	M49A	Z	-.613	-.613	0	%100
39	M50	X	.483	.483	0	%100
40	M50	Z	-.279	-.279	0	%100
41	M51A	X	.483	.483	0	%100
42	M51A	Z	-.279	-.279	0	%100
43	M53A	X	2.97	2.97	0	%100
44	M53A	Z	-1.715	-1.715	0	%100
45	M54A	X	2.97	2.97	0	%100
46	M54A	Z	-1.715	-1.715	0	%100
47	OVP2	X	2.175	2.175	0	%100
48	OVP2	Z	-1.256	-1.256	0	%100
49	M60A	X	2.314	2.314	0	%100
50	M60A	Z	-1.336	-1.336	0	%100
51	M63A	X	.839	.839	0	%100
52	M63A	Z	-.485	-.485	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,%]
53	M64	X	.839	.839	0	%100
54	M64	Z	-.485	-.485	0	%100
55	M72	X	.236	.236	0	%100
56	M72	Z	-.136	-.136	0	%100
57	M73	X	.266	.266	0	%100
58	M73	Z	-.153	-.153	0	%100
59	M74	X	1.933	1.933	0	%100
60	M74	Z	-1.116	-1.116	0	%100
61	M75	X	.483	.483	0	%100
62	M75	Z	-.279	-.279	0	%100
63	M77	X	.743	.743	0	%100
64	M77	Z	-.429	-.429	0	%100
65	M78	X	.743	.743	0	%100
66	M78	Z	-.429	-.429	0	%100
67	M82	X	2.705	2.705	0	%100
68	M82	Z	-1.562	-1.562	0	%100
69	MP4C	X	2.175	2.175	0	%100
70	MP4C	Z	-1.256	-1.256	0	%100
71	MP3C	X	2.175	2.175	0	%100
72	MP3C	Z	-1.256	-1.256	0	%100
73	MP2C	X	2.411	2.411	0	%100
74	MP2C	Z	-1.392	-1.392	0	%100
75	MP1C	X	2.175	2.175	0	%100
76	MP1C	Z	-1.256	-1.256	0	%100
77	M91	X	.676	.676	0	%100
78	M91	Z	-.39	-.39	0	%100
79	MP4B	X	2.175	2.175	0	%100
80	MP4B	Z	-1.256	-1.256	0	%100
81	MP3B	X	2.175	2.175	0	%100
82	MP3B	Z	-1.256	-1.256	0	%100
83	MP2B	X	2.411	2.411	0	%100
84	MP2B	Z	-1.392	-1.392	0	%100
85	MP1B	X	2.175	2.175	0	%100
86	MP1B	Z	-1.256	-1.256	0	%100
87	OVP1	X	2.005	2.005	0	%100
88	OVP1	Z	-1.158	-1.158	0	%100
89	M97	X	.603	.603	0	%100
90	M97	Z	-.348	-.348	0	%100
91	M102	X	2.411	2.411	0	%100
92	M102	Z	-1.392	-1.392	0	%100
93	M107	X	.603	.603	0	%100
94	M107	Z	-.348	-.348	0	%100
95	M118	X	2.495	2.495	0	%100
96	M118	Z	-1.44	-1.44	0	%100
97	M119	X	.624	.624	0	%100
98	M119	Z	-.36	-.36	0	%100
99	M120	X	.624	.624	0	%100
100	M120	Z	-.36	-.36	0	%100
101	M121	X	2.666	2.666	0	%100
102	M121	Z	-1.539	-1.539	0	%100
103	M123A	X	1.136	1.136	0	%100
104	M123A	Z	-.656	-.656	0	%100
105	M125	X	2.666	2.666	0	%100
106	M125	Z	-1.539	-1.539	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,%]

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,%]
1	M48	X	3.563	3.563	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M66	X	1.674	1.674	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	1.674	1.674	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	0	0	0	%100
17	MP4A	X	2.512	2.512	0	%100
18	MP4A	Z	0	0	0	%100
19	MP3A	X	2.512	2.512	0	%100
20	MP3A	Z	0	0	0	%100
21	MP2A	X	2.784	2.784	0	%100
22	MP2A	Z	0	0	0	%100
23	MP1A	X	2.512	2.512	0	%100
24	MP1A	Z	0	0	0	%100
25	M37	X	0	0	0	%100
26	M37	Z	0	0	0	%100
27	M38	X	0	0	0	%100
28	M38	Z	0	0	0	%100
29	M36A	X	.891	.891	0	%100
30	M36A	Z	0	0	0	%100
31	M39A	X	2.907	2.907	0	%100
32	M39A	Z	0	0	0	%100
33	M40A	X	2.907	2.907	0	%100
34	M40A	Z	0	0	0	%100
35	M48A	X	.817	.817	0	%100
36	M48A	Z	0	0	0	%100
37	M49A	X	.92	.92	0	%100
38	M49A	Z	0	0	0	%100
39	M50	X	0	0	0	%100
40	M50	Z	0	0	0	%100
41	M51A	X	1.674	1.674	0	%100
42	M51A	Z	0	0	0	%100
43	M53A	X	2.572	2.572	0	%100
44	M53A	Z	0	0	0	%100
45	M54A	X	2.572	2.572	0	%100
46	M54A	Z	0	0	0	%100
47	OVP2	X	2.512	2.512	0	%100
48	OVP2	Z	0	0	0	%100
49	M60A	X	.891	.891	0	%100
50	M60A	Z	0	0	0	%100
51	M63A	X	2.907	2.907	0	%100
52	M63A	Z	0	0	0	%100
53	M64	X	2.907	2.907	0	%100
54	M64	Z	0	0	0	%100
55	M72	X	.817	.817	0	%100
56	M72	Z	0	0	0	%100
57	M73	X	.92	.92	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,%]
58	M73	Z	0	0	0	%100
59	M74	X	1.674	1.674	0	%100
60	M74	Z	0	0	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	0	0	0	%100
63	M77	X	2.572	2.572	0	%100
64	M77	Z	0	0	0	%100
65	M78	X	2.572	2.572	0	%100
66	M78	Z	0	0	0	%100
67	M82	X	2.343	2.343	0	%100
68	M82	Z	0	0	0	%100
69	MP4C	X	2.512	2.512	0	%100
70	MP4C	Z	0	0	0	%100
71	MP3C	X	2.512	2.512	0	%100
72	MP3C	Z	0	0	0	%100
73	MP2C	X	2.784	2.784	0	%100
74	MP2C	Z	0	0	0	%100
75	MP1C	X	2.512	2.512	0	%100
76	MP1C	Z	0	0	0	%100
77	M91	X	2.343	2.343	0	%100
78	M91	Z	0	0	0	%100
79	MP4B	X	2.512	2.512	0	%100
80	MP4B	Z	0	0	0	%100
81	MP3B	X	2.512	2.512	0	%100
82	MP3B	Z	0	0	0	%100
83	MP2B	X	2.784	2.784	0	%100
84	MP2B	Z	0	0	0	%100
85	MP1B	X	2.512	2.512	0	%100
86	MP1B	Z	0	0	0	%100
87	OVP1	X	2.315	2.315	0	%100
88	OVP1	Z	0	0	0	%100
89	M97	X	0	0	0	%100
90	M97	Z	0	0	0	%100
91	M102	X	2.088	2.088	0	%100
92	M102	Z	0	0	0	%100
93	M107	X	2.088	2.088	0	%100
94	M107	Z	0	0	0	%100
95	M118	X	2.16	2.16	0	%100
96	M118	Z	0	0	0	%100
97	M119	X	2.16	2.16	0	%100
98	M119	Z	0	0	0	%100
99	M120	X	0	0	0	%100
100	M120	Z	0	0	0	%100
101	M121	X	3.668	3.668	0	%100
102	M121	Z	0	0	0	%100
103	M123A	X	1.901	1.901	0	%100
104	M123A	Z	0	0	0	%100
105	M125	X	1.901	1.901	0	%100
106	M125	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	M48	X	2.314	2.314	0	%100
2	M48	Z	1.336	1.336	0	%100
3	M53	X	.839	.839	0	%100
4	M53	Z	.485	.485	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,%]
5	M54	X	.839	.839	0	%100
6	M54	Z	.485	.485	0	%100
7	M62	X	.236	.236	0	%100
8	M62	Z	.136	.136	0	%100
9	M63	X	.266	.266	0	%100
10	M63	Z	.153	.153	0	%100
11	M66	X	1.933	1.933	0	%100
12	M66	Z	1.116	1.116	0	%100
13	M67	X	.483	.483	0	%100
14	M67	Z	.279	.279	0	%100
15	M200	X	.676	.676	0	%100
16	M200	Z	.39	.39	0	%100
17	MP4A	X	2.175	2.175	0	%100
18	MP4A	Z	1.256	1.256	0	%100
19	MP3A	X	2.175	2.175	0	%100
20	MP3A	Z	1.256	1.256	0	%100
21	MP2A	X	2.411	2.411	0	%100
22	MP2A	Z	1.392	1.392	0	%100
23	MP1A	X	2.175	2.175	0	%100
24	MP1A	Z	1.256	1.256	0	%100
25	M37	X	.743	.743	0	%100
26	M37	Z	.429	.429	0	%100
27	M38	X	.743	.743	0	%100
28	M38	Z	.429	.429	0	%100
29	M36A	X	2.314	2.314	0	%100
30	M36A	Z	1.336	1.336	0	%100
31	M39A	X	.839	.839	0	%100
32	M39A	Z	.485	.485	0	%100
33	M40A	X	.839	.839	0	%100
34	M40A	Z	.485	.485	0	%100
35	M48A	X	.236	.236	0	%100
36	M48A	Z	.136	.136	0	%100
37	M49A	X	.266	.266	0	%100
38	M49A	Z	.153	.153	0	%100
39	M50	X	.483	.483	0	%100
40	M50	Z	.279	.279	0	%100
41	M51A	X	1.933	1.933	0	%100
42	M51A	Z	1.116	1.116	0	%100
43	M53A	X	.742	.742	0	%100
44	M53A	Z	.429	.429	0	%100
45	M54A	X	.743	.743	0	%100
46	M54A	Z	.429	.429	0	%100
47	OVP2	X	2.175	2.175	0	%100
48	OVP2	Z	1.256	1.256	0	%100
49	M60A	X	0	0	0	%100
50	M60A	Z	0	0	0	%100
51	M63A	X	3.357	3.357	0	%100
52	M63A	Z	1.938	1.938	0	%100
53	M64	X	3.357	3.357	0	%100
54	M64	Z	1.938	1.938	0	%100
55	M72	X	.943	.943	0	%100
56	M72	Z	.544	.544	0	%100
57	M73	X	1.062	1.062	0	%100
58	M73	Z	.613	.613	0	%100
59	M74	X	.483	.483	0	%100
60	M74	Z	.279	.279	0	%100
61	M75	X	.483	.483	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,%]
62	M75	Z	.279	.279	0	%100
63	M77	X	2.97	2.97	0	%100
64	M77	Z	1.715	1.715	0	%100
65	M78	X	2.97	2.97	0	%100
66	M78	Z	1.715	1.715	0	%100
67	M82	X	.676	.676	0	%100
68	M82	Z	.39	.39	0	%100
69	MP4C	X	2.175	2.175	0	%100
70	MP4C	Z	1.256	1.256	0	%100
71	MP3C	X	2.175	2.175	0	%100
72	MP3C	Z	1.256	1.256	0	%100
73	MP2C	X	2.411	2.411	0	%100
74	MP2C	Z	1.392	1.392	0	%100
75	MP1C	X	2.175	2.175	0	%100
76	MP1C	Z	1.256	1.256	0	%100
77	M91	X	2.705	2.705	0	%100
78	M91	Z	1.562	1.562	0	%100
79	MP4B	X	2.175	2.175	0	%100
80	MP4B	Z	1.256	1.256	0	%100
81	MP3B	X	2.175	2.175	0	%100
82	MP3B	Z	1.256	1.256	0	%100
83	MP2B	X	2.411	2.411	0	%100
84	MP2B	Z	1.392	1.392	0	%100
85	MP1B	X	2.175	2.175	0	%100
86	MP1B	Z	1.256	1.256	0	%100
87	OVP1	X	2.005	2.005	0	%100
88	OVP1	Z	1.158	1.158	0	%100
89	M97	X	.603	.603	0	%100
90	M97	Z	.348	.348	0	%100
91	M102	X	.603	.603	0	%100
92	M102	Z	.348	.348	0	%100
93	M107	X	2.411	2.411	0	%100
94	M107	Z	1.392	1.392	0	%100
95	M118	X	.624	.624	0	%100
96	M118	Z	.36	.36	0	%100
97	M119	X	2.495	2.495	0	%100
98	M119	Z	1.44	1.44	0	%100
99	M120	X	.624	.624	0	%100
100	M120	Z	.36	.36	0	%100
101	M121	X	2.666	2.666	0	%100
102	M121	Z	1.539	1.539	0	%100
103	M123A	X	2.666	2.666	0	%100
104	M123A	Z	1.539	1.539	0	%100
105	M125	X	1.136	1.136	0	%100
106	M125	Z	.656	.656	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	M48	X	.445	.445	0	%100
2	M48	Z	.771	.771	0	%100
3	M53	X	1.454	1.454	0	%100
4	M53	Z	2.518	2.518	0	%100
5	M54	X	1.454	1.454	0	%100
6	M54	Z	2.518	2.518	0	%100
7	M62	X	.408	.408	0	%100
8	M62	Z	.707	.707	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,%]
9	M63	X	.46	.46	0	%100
10	M63	Z	.797	.797	0	%100
11	M66	X	.837	.837	0	%100
12	M66	Z	1.45	1.45	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	1.171	1.171	0	%100
16	M200	Z	2.029	2.029	0	%100
17	MP4A	X	1.256	1.256	0	%100
18	MP4A	Z	2.175	2.175	0	%100
19	MP3A	X	1.256	1.256	0	%100
20	MP3A	Z	2.175	2.175	0	%100
21	MP2A	X	1.392	1.392	0	%100
22	MP2A	Z	2.411	2.411	0	%100
23	MP1A	X	1.256	1.256	0	%100
24	MP1A	Z	2.175	2.175	0	%100
25	M37	X	1.286	1.286	0	%100
26	M37	Z	2.228	2.228	0	%100
27	M38	X	1.286	1.286	0	%100
28	M38	Z	2.228	2.228	0	%100
29	M36A	X	1.781	1.781	0	%100
30	M36A	Z	3.086	3.086	0	%100
31	M39A	X	0	0	0	%100
32	M39A	Z	0	0	0	%100
33	M40A	X	0	0	0	%100
34	M40A	Z	0	0	0	%100
35	M48A	X	0	0	0	%100
36	M48A	Z	0	0	0	%100
37	M49A	X	0	0	0	%100
38	M49A	Z	0	0	0	%100
39	M50	X	.837	.837	0	%100
40	M50	Z	1.45	1.45	0	%100
41	M51A	X	.837	.837	0	%100
42	M51A	Z	1.45	1.45	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	0	0	0	%100
45	M54A	X	0	0	0	%100
46	M54A	Z	0	0	0	%100
47	OVP2	X	1.256	1.256	0	%100
48	OVP2	Z	2.175	2.175	0	%100
49	M60A	X	.445	.445	0	%100
50	M60A	Z	.771	.771	0	%100
51	M63A	X	1.454	1.454	0	%100
52	M63A	Z	2.518	2.518	0	%100
53	M64	X	1.454	1.454	0	%100
54	M64	Z	2.518	2.518	0	%100
55	M72	X	.408	.408	0	%100
56	M72	Z	.707	.707	0	%100
57	M73	X	.46	.46	0	%100
58	M73	Z	.797	.797	0	%100
59	M74	X	0	0	0	%100
60	M74	Z	0	0	0	%100
61	M75	X	.837	.837	0	%100
62	M75	Z	1.45	1.45	0	%100
63	M77	X	1.286	1.286	0	%100
64	M77	Z	2.227	2.227	0	%100
65	M78	X	1.286	1.286	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,%]
66	M78	Z	2.228	2.228	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	MP4C	X	1.256	1.256	0	%100
70	MP4C	Z	2.175	2.175	0	%100
71	MP3C	X	1.256	1.256	0	%100
72	MP3C	Z	2.175	2.175	0	%100
73	MP2C	X	1.392	1.392	0	%100
74	MP2C	Z	2.411	2.411	0	%100
75	MP1C	X	1.256	1.256	0	%100
76	MP1C	Z	2.175	2.175	0	%100
77	M91	X	1.171	1.171	0	%100
78	M91	Z	2.029	2.029	0	%100
79	MP4B	X	1.256	1.256	0	%100
80	MP4B	Z	2.175	2.175	0	%100
81	MP3B	X	1.256	1.256	0	%100
82	MP3B	Z	2.175	2.175	0	%100
83	MP2B	X	1.392	1.392	0	%100
84	MP2B	Z	2.411	2.411	0	%100
85	MP1B	X	1.256	1.256	0	%100
86	MP1B	Z	2.175	2.175	0	%100
87	OVP1	X	1.158	1.158	0	%100
88	OVP1	Z	2.005	2.005	0	%100
89	M97	X	1.044	1.044	0	%100
90	M97	Z	1.808	1.808	0	%100
91	M102	X	0	0	0	%100
92	M102	Z	0	0	0	%100
93	M107	X	1.044	1.044	0	%100
94	M107	Z	1.808	1.808	0	%100
95	M118	X	0	0	0	%100
96	M118	Z	0	0	0	%100
97	M119	X	1.08	1.08	0	%100
98	M119	Z	1.871	1.871	0	%100
99	M120	X	1.08	1.08	0	%100
100	M120	Z	1.871	1.871	0	%100
101	M121	X	.95	.95	0	%100
102	M121	Z	1.646	1.646	0	%100
103	M123A	X	1.834	1.834	0	%100
104	M123A	Z	3.176	3.176	0	%100
105	M125	X	.95	.95	0	%100
106	M125	Z	1.646	1.646	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	3.876	3.876	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	3.876	3.876	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	1.089	1.089	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	1.227	1.227	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	.558	.558	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,%]
13	M67	X	0	0	0	%100
14	M67	Z	.558	.558	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	3.123	3.123	0	%100
17	MP4A	X	0	0	0	%100
18	MP4A	Z	2.512	2.512	0	%100
19	MP3A	X	0	0	0	%100
20	MP3A	Z	2.512	2.512	0	%100
21	MP2A	X	0	0	0	%100
22	MP2A	Z	2.784	2.784	0	%100
23	MP1A	X	0	0	0	%100
24	MP1A	Z	2.512	2.512	0	%100
25	M37	X	0	0	0	%100
26	M37	Z	3.43	3.43	0	%100
27	M38	X	0	0	0	%100
28	M38	Z	3.43	3.43	0	%100
29	M36A	X	0	0	0	%100
30	M36A	Z	2.672	2.672	0	%100
31	M39A	X	0	0	0	%100
32	M39A	Z	.969	.969	0	%100
33	M40A	X	0	0	0	%100
34	M40A	Z	.969	.969	0	%100
35	M48A	X	0	0	0	%100
36	M48A	Z	.272	.272	0	%100
37	M49A	X	0	0	0	%100
38	M49A	Z	.307	.307	0	%100
39	M50	X	0	0	0	%100
40	M50	Z	2.232	2.232	0	%100
41	M51A	X	0	0	0	%100
42	M51A	Z	.558	.558	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	.857	.857	0	%100
45	M54A	X	0	0	0	%100
46	M54A	Z	.857	.857	0	%100
47	OVP2	X	0	0	0	%100
48	OVP2	Z	2.512	2.512	0	%100
49	M60A	X	0	0	0	%100
50	M60A	Z	2.672	2.672	0	%100
51	M63A	X	0	0	0	%100
52	M63A	Z	.969	.969	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	.969	.969	0	%100
55	M72	X	0	0	0	%100
56	M72	Z	.272	.272	0	%100
57	M73	X	0	0	0	%100
58	M73	Z	.307	.307	0	%100
59	M74	X	0	0	0	%100
60	M74	Z	.558	.558	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	2.232	2.232	0	%100
63	M77	X	0	0	0	%100
64	M77	Z	.857	.857	0	%100
65	M78	X	0	0	0	%100
66	M78	Z	.857	.857	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	.781	.781	0	%100
69	MP4C	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,%]
70	MP4C	Z	2.512	2.512	0	%100
71	MP3C	X	0	0	0	%100
72	MP3C	Z	2.512	2.512	0	%100
73	MP2C	X	0	0	0	%100
74	MP2C	Z	2.784	2.784	0	%100
75	MP1C	X	0	0	0	%100
76	MP1C	Z	2.512	2.512	0	%100
77	M91	X	0	0	0	%100
78	M91	Z	.781	.781	0	%100
79	MP4B	X	0	0	0	%100
80	MP4B	Z	2.512	2.512	0	%100
81	MP3B	X	0	0	0	%100
82	MP3B	Z	2.512	2.512	0	%100
83	MP2B	X	0	0	0	%100
84	MP2B	Z	2.784	2.784	0	%100
85	MP1B	X	0	0	0	%100
86	MP1B	Z	2.512	2.512	0	%100
87	OVP1	X	0	0	0	%100
88	OVP1	Z	2.315	2.315	0	%100
89	M97	X	0	0	0	%100
90	M97	Z	2.784	2.784	0	%100
91	M102	X	0	0	0	%100
92	M102	Z	.696	.696	0	%100
93	M107	X	0	0	0	%100
94	M107	Z	.696	.696	0	%100
95	M118	X	0	0	0	%100
96	M118	Z	.72	.72	0	%100
97	M119	X	0	0	0	%100
98	M119	Z	.72	.72	0	%100
99	M120	X	0	0	0	%100
100	M120	Z	2.88	2.88	0	%100
101	M121	X	0	0	0	%100
102	M121	Z	1.312	1.312	0	%100
103	M123A	X	0	0	0	%100
104	M123A	Z	3.079	3.079	0	%100
105	M125	X	0	0	0	%100
106	M125	Z	3.079	3.079	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	M48	X	-.445	-.445	0	%100
2	M48	Z	.771	.771	0	%100
3	M53	X	-1.454	-1.454	0	%100
4	M53	Z	2.518	2.518	0	%100
5	M54	X	-1.454	-1.454	0	%100
6	M54	Z	2.518	2.518	0	%100
7	M62	X	-.408	-.408	0	%100
8	M62	Z	.707	.707	0	%100
9	M63	X	-.46	-.46	0	%100
10	M63	Z	.797	.797	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	-.837	-.837	0	%100
14	M67	Z	1.45	1.45	0	%100
15	M200	X	-1.171	-1.171	0	%100
16	M200	Z	2.029	2.029	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,%]
17	MP4A	X	-1.256	-1.256	0	%100
18	MP4A	Z	2.175	2.175	0	%100
19	MP3A	X	-1.256	-1.256	0	%100
20	MP3A	Z	2.175	2.175	0	%100
21	MP2A	X	-1.392	-1.392	0	%100
22	MP2A	Z	2.411	2.411	0	%100
23	MP1A	X	-1.256	-1.256	0	%100
24	MP1A	Z	2.175	2.175	0	%100
25	M37	X	-1.286	-1.286	0	%100
26	M37	Z	2.227	2.227	0	%100
27	M38	X	-1.286	-1.286	0	%100
28	M38	Z	2.228	2.228	0	%100
29	M36A	X	-.445	-.445	0	%100
30	M36A	Z	.771	.771	0	%100
31	M39A	X	-1.454	-1.454	0	%100
32	M39A	Z	2.518	2.518	0	%100
33	M40A	X	-1.454	-1.454	0	%100
34	M40A	Z	2.518	2.518	0	%100
35	M48A	X	-.408	-.408	0	%100
36	M48A	Z	.707	.707	0	%100
37	M49A	X	-.46	-.46	0	%100
38	M49A	Z	.797	.797	0	%100
39	M50	X	-.837	-.837	0	%100
40	M50	Z	1.45	1.45	0	%100
41	M51A	X	0	0	0	%100
42	M51A	Z	0	0	0	%100
43	M53A	X	-1.286	-1.286	0	%100
44	M53A	Z	2.228	2.228	0	%100
45	M54A	X	-1.286	-1.286	0	%100
46	M54A	Z	2.228	2.228	0	%100
47	OVP2	X	-1.256	-1.256	0	%100
48	OVP2	Z	2.175	2.175	0	%100
49	M60A	X	-1.781	-1.781	0	%100
50	M60A	Z	3.086	3.086	0	%100
51	M63A	X	0	0	0	%100
52	M63A	Z	0	0	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	0	0	0	%100
55	M72	X	0	0	0	%100
56	M72	Z	0	0	0	%100
57	M73	X	0	0	0	%100
58	M73	Z	0	0	0	%100
59	M74	X	-.837	-.837	0	%100
60	M74	Z	1.45	1.45	0	%100
61	M75	X	-.837	-.837	0	%100
62	M75	Z	1.45	1.45	0	%100
63	M77	X	0	0	0	%100
64	M77	Z	0	0	0	%100
65	M78	X	0	0	0	%100
66	M78	Z	0	0	0	%100
67	M82	X	-1.171	-1.171	0	%100
68	M82	Z	2.029	2.029	0	%100
69	MP4C	X	-1.256	-1.256	0	%100
70	MP4C	Z	2.175	2.175	0	%100
71	MP3C	X	-1.256	-1.256	0	%100
72	MP3C	Z	2.175	2.175	0	%100
73	MP2C	X	-1.392	-1.392	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,%]
74	MP2C	Z	2.411	2.411	0	%100
75	MP1C	X	-1.256	-1.256	0	%100
76	MP1C	Z	2.175	2.175	0	%100
77	M91	X	0	0	0	%100
78	M91	Z	0	0	0	%100
79	MP4B	X	-1.256	-1.256	0	%100
80	MP4B	Z	2.175	2.175	0	%100
81	MP3B	X	-1.256	-1.256	0	%100
82	MP3B	Z	2.175	2.175	0	%100
83	MP2B	X	-1.392	-1.392	0	%100
84	MP2B	Z	2.411	2.411	0	%100
85	MP1B	X	-1.256	-1.256	0	%100
86	MP1B	Z	2.175	2.175	0	%100
87	OVP1	X	-1.158	-1.158	0	%100
88	OVP1	Z	2.005	2.005	0	%100
89	M97	X	-1.044	-1.044	0	%100
90	M97	Z	1.808	1.808	0	%100
91	M102	X	-1.044	-1.044	0	%100
92	M102	Z	1.808	1.808	0	%100
93	M107	X	0	0	0	%100
94	M107	Z	0	0	0	%100
95	M118	X	-1.08	-1.08	0	%100
96	M118	Z	1.871	1.871	0	%100
97	M119	X	0	0	0	%100
98	M119	Z	0	0	0	%100
99	M120	X	-1.08	-1.08	0	%100
100	M120	Z	1.871	1.871	0	%100
101	M121	X	-.95	-.95	0	%100
102	M121	Z	1.646	1.646	0	%100
103	M123A	X	-.95	-.95	0	%100
104	M123A	Z	1.646	1.646	0	%100
105	M125	X	-1.834	-1.834	0	%100
106	M125	Z	3.176	3.176	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	M48	X	-2.314	-2.314	0	%100
2	M48	Z	1.336	1.336	0	%100
3	M53	X	-.839	-.839	0	%100
4	M53	Z	.485	.485	0	%100
5	M54	X	-.839	-.839	0	%100
6	M54	Z	.485	.485	0	%100
7	M62	X	-.236	-.236	0	%100
8	M62	Z	.136	.136	0	%100
9	M63	X	-.266	-.266	0	%100
10	M63	Z	.153	.153	0	%100
11	M66	X	-.483	-.483	0	%100
12	M66	Z	.279	.279	0	%100
13	M67	X	-1.933	-1.933	0	%100
14	M67	Z	1.116	1.116	0	%100
15	M200	X	-.676	-.676	0	%100
16	M200	Z	.39	.39	0	%100
17	MP4A	X	-2.175	-2.175	0	%100
18	MP4A	Z	1.256	1.256	0	%100
19	MP3A	X	-2.175	-2.175	0	%100
20	MP3A	Z	1.256	1.256	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,%]
21	MP2A	X	-2.411	-2.411	0	%100
22	MP2A	Z	1.392	1.392	0	%100
23	MP1A	X	-2.175	-2.175	0	%100
24	MP1A	Z	1.256	1.256	0	%100
25	M37	X	-.742	-.742	0	%100
26	M37	Z	.429	.429	0	%100
27	M38	X	-.743	-.743	0	%100
28	M38	Z	.429	.429	0	%100
29	M36A	X	0	0	0	%100
30	M36A	Z	0	0	0	%100
31	M39A	X	-3.357	-3.357	0	%100
32	M39A	Z	1.938	1.938	0	%100
33	M40A	X	-3.357	-3.357	0	%100
34	M40A	Z	1.938	1.938	0	%100
35	M48A	X	-.943	-.943	0	%100
36	M48A	Z	.544	.544	0	%100
37	M49A	X	-1.062	-1.062	0	%100
38	M49A	Z	.613	.613	0	%100
39	M50	X	-.483	-.483	0	%100
40	M50	Z	.279	.279	0	%100
41	M51A	X	-.483	-.483	0	%100
42	M51A	Z	.279	.279	0	%100
43	M53A	X	-2.97	-2.97	0	%100
44	M53A	Z	1.715	1.715	0	%100
45	M54A	X	-2.97	-2.97	0	%100
46	M54A	Z	1.715	1.715	0	%100
47	OVP2	X	-2.175	-2.175	0	%100
48	OVP2	Z	1.256	1.256	0	%100
49	M60A	X	-2.314	-2.314	0	%100
50	M60A	Z	1.336	1.336	0	%100
51	M63A	X	-.839	-.839	0	%100
52	M63A	Z	.485	.485	0	%100
53	M64	X	-.839	-.839	0	%100
54	M64	Z	.485	.485	0	%100
55	M72	X	-.236	-.236	0	%100
56	M72	Z	.136	.136	0	%100
57	M73	X	-.266	-.266	0	%100
58	M73	Z	.153	.153	0	%100
59	M74	X	-1.933	-1.933	0	%100
60	M74	Z	1.116	1.116	0	%100
61	M75	X	-.483	-.483	0	%100
62	M75	Z	.279	.279	0	%100
63	M77	X	-.743	-.743	0	%100
64	M77	Z	.429	.429	0	%100
65	M78	X	-.743	-.743	0	%100
66	M78	Z	.429	.429	0	%100
67	M82	X	-2.705	-2.705	0	%100
68	M82	Z	1.562	1.562	0	%100
69	MP4C	X	-2.175	-2.175	0	%100
70	MP4C	Z	1.256	1.256	0	%100
71	MP3C	X	-2.175	-2.175	0	%100
72	MP3C	Z	1.256	1.256	0	%100
73	MP2C	X	-2.411	-2.411	0	%100
74	MP2C	Z	1.392	1.392	0	%100
75	MP1C	X	-2.175	-2.175	0	%100
76	MP1C	Z	1.256	1.256	0	%100
77	M91	X	-.676	-.676	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,%]
78	M91	Z	.39	.39	0	%100
79	MP4B	X	-2.175	-2.175	0	%100
80	MP4B	Z	1.256	1.256	0	%100
81	MP3B	X	-2.175	-2.175	0	%100
82	MP3B	Z	1.256	1.256	0	%100
83	MP2B	X	-2.411	-2.411	0	%100
84	MP2B	Z	1.392	1.392	0	%100
85	MP1B	X	-2.175	-2.175	0	%100
86	MP1B	Z	1.256	1.256	0	%100
87	OVP1	X	-2.005	-2.005	0	%100
88	OVP1	Z	1.158	1.158	0	%100
89	M97	X	-.603	-.603	0	%100
90	M97	Z	.348	.348	0	%100
91	M102	X	-2.411	-2.411	0	%100
92	M102	Z	1.392	1.392	0	%100
93	M107	X	-.603	-.603	0	%100
94	M107	Z	.348	.348	0	%100
95	M118	X	-2.495	-2.495	0	%100
96	M118	Z	1.44	1.44	0	%100
97	M119	X	-.624	-.624	0	%100
98	M119	Z	.36	.36	0	%100
99	M120	X	-.624	-.624	0	%100
100	M120	Z	.36	.36	0	%100
101	M121	X	-2.666	-2.666	0	%100
102	M121	Z	1.539	1.539	0	%100
103	M123A	X	-1.136	-1.136	0	%100
104	M123A	Z	.656	.656	0	%100
105	M125	X	-2.666	-2.666	0	%100
106	M125	Z	1.539	1.539	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	M48	X	-3.563	-3.563	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M66	X	-1.674	-1.674	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	-1.674	-1.674	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	0	0	0	%100
17	MP4A	X	-2.512	-2.512	0	%100
18	MP4A	Z	0	0	0	%100
19	MP3A	X	-2.512	-2.512	0	%100
20	MP3A	Z	0	0	0	%100
21	MP2A	X	-2.784	-2.784	0	%100
22	MP2A	Z	0	0	0	%100
23	MP1A	X	-2.512	-2.512	0	%100
24	MP1A	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,%]
25	M37	X	0	0	0	%100
26	M37	Z	0	0	0	%100
27	M38	X	0	0	0	%100
28	M38	Z	0	0	0	%100
29	M36A	X	-.891	-.891	0	%100
30	M36A	Z	0	0	0	%100
31	M39A	X	-2.907	-2.907	0	%100
32	M39A	Z	0	0	0	%100
33	M40A	X	-2.907	-2.907	0	%100
34	M40A	Z	0	0	0	%100
35	M48A	X	-.817	-.817	0	%100
36	M48A	Z	0	0	0	%100
37	M49A	X	-.92	-.92	0	%100
38	M49A	Z	0	0	0	%100
39	M50	X	0	0	0	%100
40	M50	Z	0	0	0	%100
41	M51A	X	-1.674	-1.674	0	%100
42	M51A	Z	0	0	0	%100
43	M53A	X	-2.572	-2.572	0	%100
44	M53A	Z	0	0	0	%100
45	M54A	X	-2.572	-2.572	0	%100
46	M54A	Z	0	0	0	%100
47	OVP2	X	-2.512	-2.512	0	%100
48	OVP2	Z	0	0	0	%100
49	M60A	X	-.891	-.891	0	%100
50	M60A	Z	0	0	0	%100
51	M63A	X	-2.907	-2.907	0	%100
52	M63A	Z	0	0	0	%100
53	M64	X	-2.907	-2.907	0	%100
54	M64	Z	0	0	0	%100
55	M72	X	-.817	-.817	0	%100
56	M72	Z	0	0	0	%100
57	M73	X	-.92	-.92	0	%100
58	M73	Z	0	0	0	%100
59	M74	X	-1.674	-1.674	0	%100
60	M74	Z	0	0	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	0	0	0	%100
63	M77	X	-2.572	-2.572	0	%100
64	M77	Z	0	0	0	%100
65	M78	X	-2.572	-2.572	0	%100
66	M78	Z	0	0	0	%100
67	M82	X	-2.343	-2.343	0	%100
68	M82	Z	0	0	0	%100
69	MP4C	X	-2.512	-2.512	0	%100
70	MP4C	Z	0	0	0	%100
71	MP3C	X	-2.512	-2.512	0	%100
72	MP3C	Z	0	0	0	%100
73	MP2C	X	-2.784	-2.784	0	%100
74	MP2C	Z	0	0	0	%100
75	MP1C	X	-2.512	-2.512	0	%100
76	MP1C	Z	0	0	0	%100
77	M91	X	-2.343	-2.343	0	%100
78	M91	Z	0	0	0	%100
79	MP4B	X	-2.512	-2.512	0	%100
80	MP4B	Z	0	0	0	%100
81	MP3B	X	-2.512	-2.512	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,%]
82	MP3B	Z	0	0	0	%100
83	MP2B	X	-2.784	-2.784	0	%100
84	MP2B	Z	0	0	0	%100
85	MP1B	X	-2.512	-2.512	0	%100
86	MP1B	Z	0	0	0	%100
87	OVP1	X	-2.315	-2.315	0	%100
88	OVP1	Z	0	0	0	%100
89	M97	X	0	0	0	%100
90	M97	Z	0	0	0	%100
91	M102	X	-2.088	-2.088	0	%100
92	M102	Z	0	0	0	%100
93	M107	X	-2.088	-2.088	0	%100
94	M107	Z	0	0	0	%100
95	M118	X	-2.16	-2.16	0	%100
96	M118	Z	0	0	0	%100
97	M119	X	-2.16	-2.16	0	%100
98	M119	Z	0	0	0	%100
99	M120	X	0	0	0	%100
100	M120	Z	0	0	0	%100
101	M121	X	-3.668	-3.668	0	%100
102	M121	Z	0	0	0	%100
103	M123A	X	-1.901	-1.901	0	%100
104	M123A	Z	0	0	0	%100
105	M125	X	-1.901	-1.901	0	%100
106	M125	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	M48	X	-2.314	-2.314	0	%100
2	M48	Z	-1.336	-1.336	0	%100
3	M53	X	-.839	-.839	0	%100
4	M53	Z	-.485	-.485	0	%100
5	M54	X	-.839	-.839	0	%100
6	M54	Z	-.485	-.485	0	%100
7	M62	X	-.236	-.236	0	%100
8	M62	Z	-.136	-.136	0	%100
9	M63	X	-.266	-.266	0	%100
10	M63	Z	-.153	-.153	0	%100
11	M66	X	-1.933	-1.933	0	%100
12	M66	Z	-1.116	-1.116	0	%100
13	M67	X	-.483	-.483	0	%100
14	M67	Z	-.279	-.279	0	%100
15	M200	X	-.676	-.676	0	%100
16	M200	Z	-.39	-.39	0	%100
17	MP4A	X	-2.175	-2.175	0	%100
18	MP4A	Z	-1.256	-1.256	0	%100
19	MP3A	X	-2.175	-2.175	0	%100
20	MP3A	Z	-1.256	-1.256	0	%100
21	MP2A	X	-2.411	-2.411	0	%100
22	MP2A	Z	-1.392	-1.392	0	%100
23	MP1A	X	-2.175	-2.175	0	%100
24	MP1A	Z	-1.256	-1.256	0	%100
25	M37	X	-.743	-.743	0	%100
26	M37	Z	-.429	-.429	0	%100
27	M38	X	-.743	-.743	0	%100
28	M38	Z	-.429	-.429	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,%]
29	M36A	X	-2.314	-2.314	0	%100
30	M36A	Z	-1.336	-1.336	0	%100
31	M39A	X	-.839	-.839	0	%100
32	M39A	Z	-.485	-.485	0	%100
33	M40A	X	-.839	-.839	0	%100
34	M40A	Z	-.485	-.485	0	%100
35	M48A	X	-.236	-.236	0	%100
36	M48A	Z	-.136	-.136	0	%100
37	M49A	X	-.266	-.266	0	%100
38	M49A	Z	-.153	-.153	0	%100
39	M50	X	-.483	-.483	0	%100
40	M50	Z	-.279	-.279	0	%100
41	M51A	X	-1.933	-1.933	0	%100
42	M51A	Z	-1.116	-1.116	0	%100
43	M53A	X	-.742	-.742	0	%100
44	M53A	Z	-.429	-.429	0	%100
45	M54A	X	-.743	-.743	0	%100
46	M54A	Z	-.429	-.429	0	%100
47	OVP2	X	-2.175	-2.175	0	%100
48	OVP2	Z	-1.256	-1.256	0	%100
49	M60A	X	0	0	0	%100
50	M60A	Z	0	0	0	%100
51	M63A	X	-3.357	-3.357	0	%100
52	M63A	Z	-1.938	-1.938	0	%100
53	M64	X	-3.357	-3.357	0	%100
54	M64	Z	-1.938	-1.938	0	%100
55	M72	X	-.943	-.943	0	%100
56	M72	Z	-.544	-.544	0	%100
57	M73	X	-1.062	-1.062	0	%100
58	M73	Z	-.613	-.613	0	%100
59	M74	X	-.483	-.483	0	%100
60	M74	Z	-.279	-.279	0	%100
61	M75	X	-.483	-.483	0	%100
62	M75	Z	-.279	-.279	0	%100
63	M77	X	-2.97	-2.97	0	%100
64	M77	Z	-1.715	-1.715	0	%100
65	M78	X	-2.97	-2.97	0	%100
66	M78	Z	-1.715	-1.715	0	%100
67	M82	X	-.676	-.676	0	%100
68	M82	Z	-.39	-.39	0	%100
69	MP4C	X	-2.175	-2.175	0	%100
70	MP4C	Z	-1.256	-1.256	0	%100
71	MP3C	X	-2.175	-2.175	0	%100
72	MP3C	Z	-1.256	-1.256	0	%100
73	MP2C	X	-2.411	-2.411	0	%100
74	MP2C	Z	-1.392	-1.392	0	%100
75	MP1C	X	-2.175	-2.175	0	%100
76	MP1C	Z	-1.256	-1.256	0	%100
77	M91	X	-2.705	-2.705	0	%100
78	M91	Z	-1.562	-1.562	0	%100
79	MP4B	X	-2.175	-2.175	0	%100
80	MP4B	Z	-1.256	-1.256	0	%100
81	MP3B	X	-2.175	-2.175	0	%100
82	MP3B	Z	-1.256	-1.256	0	%100
83	MP2B	X	-2.411	-2.411	0	%100
84	MP2B	Z	-1.392	-1.392	0	%100
85	MP1B	X	-2.175	-2.175	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
86	MP1B	Z	-1.256	-1.256	0	%100
87	OVP1	X	-2.005	-2.005	0	%100
88	OVP1	Z	-1.158	-1.158	0	%100
89	M97	X	-.603	-.603	0	%100
90	M97	Z	-.348	-.348	0	%100
91	M102	X	-.603	-.603	0	%100
92	M102	Z	-.348	-.348	0	%100
93	M107	X	-2.411	-2.411	0	%100
94	M107	Z	-1.392	-1.392	0	%100
95	M118	X	-.624	-.624	0	%100
96	M118	Z	-.36	-.36	0	%100
97	M119	X	-2.495	-2.495	0	%100
98	M119	Z	-1.44	-1.44	0	%100
99	M120	X	-.624	-.624	0	%100
100	M120	Z	-.36	-.36	0	%100
101	M121	X	-2.666	-2.666	0	%100
102	M121	Z	-1.539	-1.539	0	%100
103	M123A	X	-2.666	-2.666	0	%100
104	M123A	Z	-1.539	-1.539	0	%100
105	M125	X	-1.136	-1.136	0	%100
106	M125	Z	-.656	-.656	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	M48	X	-.445	-.445	0	%100
2	M48	Z	-.771	-.771	0	%100
3	M53	X	-1.454	-1.454	0	%100
4	M53	Z	-2.518	-2.518	0	%100
5	M54	X	-1.454	-1.454	0	%100
6	M54	Z	-2.518	-2.518	0	%100
7	M62	X	-.408	-.408	0	%100
8	M62	Z	-.707	-.707	0	%100
9	M63	X	-.46	-.46	0	%100
10	M63	Z	-.797	-.797	0	%100
11	M66	X	-.837	-.837	0	%100
12	M66	Z	-1.45	-1.45	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	-1.171	-1.171	0	%100
16	M200	Z	-2.029	-2.029	0	%100
17	MP4A	X	-1.256	-1.256	0	%100
18	MP4A	Z	-2.175	-2.175	0	%100
19	MP3A	X	-1.256	-1.256	0	%100
20	MP3A	Z	-2.175	-2.175	0	%100
21	MP2A	X	-1.392	-1.392	0	%100
22	MP2A	Z	-2.411	-2.411	0	%100
23	MP1A	X	-1.256	-1.256	0	%100
24	MP1A	Z	-2.175	-2.175	0	%100
25	M37	X	-1.286	-1.286	0	%100
26	M37	Z	-2.228	-2.228	0	%100
27	M38	X	-1.286	-1.286	0	%100
28	M38	Z	-2.228	-2.228	0	%100
29	M36A	X	-1.781	-1.781	0	%100
30	M36A	Z	-3.086	-3.086	0	%100
31	M39A	X	0	0	0	%100
32	M39A	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,%]
33	M40A	X	0	0	0	%100
34	M40A	Z	0	0	0	%100
35	M48A	X	0	0	0	%100
36	M48A	Z	0	0	0	%100
37	M49A	X	0	0	0	%100
38	M49A	Z	0	0	0	%100
39	M50	X	-.837	-.837	0	%100
40	M50	Z	-1.45	-1.45	0	%100
41	M51A	X	-.837	-.837	0	%100
42	M51A	Z	-1.45	-1.45	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	0	0	0	%100
45	M54A	X	0	0	0	%100
46	M54A	Z	0	0	0	%100
47	OVP2	X	-1.256	-1.256	0	%100
48	OVP2	Z	-2.175	-2.175	0	%100
49	M60A	X	-.445	-.445	0	%100
50	M60A	Z	-.771	-.771	0	%100
51	M63A	X	-1.454	-1.454	0	%100
52	M63A	Z	-2.518	-2.518	0	%100
53	M64	X	-1.454	-1.454	0	%100
54	M64	Z	-2.518	-2.518	0	%100
55	M72	X	-.408	-.408	0	%100
56	M72	Z	-.707	-.707	0	%100
57	M73	X	-.46	-.46	0	%100
58	M73	Z	-.797	-.797	0	%100
59	M74	X	0	0	0	%100
60	M74	Z	0	0	0	%100
61	M75	X	-.837	-.837	0	%100
62	M75	Z	-1.45	-1.45	0	%100
63	M77	X	-1.286	-1.286	0	%100
64	M77	Z	-2.227	-2.227	0	%100
65	M78	X	-1.286	-1.286	0	%100
66	M78	Z	-2.228	-2.228	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	MP4C	X	-1.256	-1.256	0	%100
70	MP4C	Z	-2.175	-2.175	0	%100
71	MP3C	X	-1.256	-1.256	0	%100
72	MP3C	Z	-2.175	-2.175	0	%100
73	MP2C	X	-1.392	-1.392	0	%100
74	MP2C	Z	-2.411	-2.411	0	%100
75	MP1C	X	-1.256	-1.256	0	%100
76	MP1C	Z	-2.175	-2.175	0	%100
77	M91	X	-1.171	-1.171	0	%100
78	M91	Z	-2.029	-2.029	0	%100
79	MP4B	X	-1.256	-1.256	0	%100
80	MP4B	Z	-2.175	-2.175	0	%100
81	MP3B	X	-1.256	-1.256	0	%100
82	MP3B	Z	-2.175	-2.175	0	%100
83	MP2B	X	-1.392	-1.392	0	%100
84	MP2B	Z	-2.411	-2.411	0	%100
85	MP1B	X	-1.256	-1.256	0	%100
86	MP1B	Z	-2.175	-2.175	0	%100
87	OVP1	X	-1.158	-1.158	0	%100
88	OVP1	Z	-2.005	-2.005	0	%100
89	M97	X	-1.044	-1.044	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,%]
90	M97	Z	-1.808	-1.808	0	%100
91	M102	X	0	0	0	%100
92	M102	Z	0	0	0	%100
93	M107	X	-1.044	-1.044	0	%100
94	M107	Z	-1.808	-1.808	0	%100
95	M118	X	0	0	0	%100
96	M118	Z	0	0	0	%100
97	M119	X	-1.08	-1.08	0	%100
98	M119	Z	-1.871	-1.871	0	%100
99	M120	X	-1.08	-1.08	0	%100
100	M120	Z	-1.871	-1.871	0	%100
101	M121	X	-.95	-.95	0	%100
102	M121	Z	-1.646	-1.646	0	%100
103	M123A	X	-1.834	-1.834	0	%100
104	M123A	Z	-3.176	-3.176	0	%100
105	M125	X	-.95	-.95	0	%100
106	M125	Z	-1.646	-1.646	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	-1.069	-1.069	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	-1.069	-1.069	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	-.065	-.065	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	-.072	-.072	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	-.105	-.105	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	-.105	-.105	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	-.685	-.685	0	%100
17	MP4A	X	0	0	0	%100
18	MP4A	Z	-.465	-.465	0	%100
19	MP3A	X	0	0	0	%100
20	MP3A	Z	-.465	-.465	0	%100
21	MP2A	X	0	0	0	%100
22	MP2A	Z	-.562	-.562	0	%100
23	MP1A	X	0	0	0	%100
24	MP1A	Z	-.465	-.465	0	%100
25	M37	X	0	0	0	%100
26	M37	Z	-.978	-.978	0	%100
27	M38	X	0	0	0	%100
28	M38	Z	-.978	-.978	0	%100
29	M36A	X	0	0	0	%100
30	M36A	Z	-.632	-.632	0	%100
31	M39A	X	0	0	0	%100
32	M39A	Z	-.267	-.267	0	%100
33	M40A	X	0	0	0	%100
34	M40A	Z	-.267	-.267	0	%100
35	M48A	X	0	0	0	%100
36	M48A	Z	-.016	-.016	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,%]
37	M49A	X	0	0	0	%100
38	M49A	Z	-.018	-.018	0	%100
39	M50	X	0	0	0	%100
40	M50	Z	-.419	-.419	0	%100
41	M51A	X	0	0	0	%100
42	M51A	Z	-.105	-.105	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	-.245	-.245	0	%100
45	M54A	X	0	0	0	%100
46	M54A	Z	-.245	-.245	0	%100
47	OVP2	X	0	0	0	%100
48	OVP2	Z	-.465	-.465	0	%100
49	M60A	X	0	0	0	%100
50	M60A	Z	-.632	-.632	0	%100
51	M63A	X	0	0	0	%100
52	M63A	Z	-.267	-.267	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	-.267	-.267	0	%100
55	M72	X	0	0	0	%100
56	M72	Z	-.016	-.016	0	%100
57	M73	X	0	0	0	%100
58	M73	Z	-.018	-.018	0	%100
59	M74	X	0	0	0	%100
60	M74	Z	-.105	-.105	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	-.419	-.419	0	%100
63	M77	X	0	0	0	%100
64	M77	Z	-.245	-.245	0	%100
65	M78	X	0	0	0	%100
66	M78	Z	-.245	-.245	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-.171	-.171	0	%100
69	MP4C	X	0	0	0	%100
70	MP4C	Z	-.465	-.465	0	%100
71	MP3C	X	0	0	0	%100
72	MP3C	Z	-.465	-.465	0	%100
73	MP2C	X	0	0	0	%100
74	MP2C	Z	-.562	-.562	0	%100
75	MP1C	X	0	0	0	%100
76	MP1C	Z	-.465	-.465	0	%100
77	M91	X	0	0	0	%100
78	M91	Z	-.171	-.171	0	%100
79	MP4B	X	0	0	0	%100
80	MP4B	Z	-.465	-.465	0	%100
81	MP3B	X	0	0	0	%100
82	MP3B	Z	-.465	-.465	0	%100
83	MP2B	X	0	0	0	%100
84	MP2B	Z	-.562	-.562	0	%100
85	MP1B	X	0	0	0	%100
86	MP1B	Z	-.465	-.465	0	%100
87	OVP1	X	0	0	0	%100
88	OVP1	Z	-.423	-.423	0	%100
89	M97	X	0	0	0	%100
90	M97	Z	-.562	-.562	0	%100
91	M102	X	0	0	0	%100
92	M102	Z	-.141	-.141	0	%100
93	M107	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,%]
94	M107	Z	-.141	-.141	0	%100
95	M118	X	0	0	0	%100
96	M118	Z	-.177	-.177	0	%100
97	M119	X	0	0	0	%100
98	M119	Z	-.177	-.177	0	%100
99	M120	X	0	0	0	%100
100	M120	Z	-.709	-.709	0	%100
101	M121	X	0	0	0	%100
102	M121	Z	-.37	-.37	0	%100
103	M123A	X	0	0	0	%100
104	M123A	Z	-.753	-.753	0	%100
105	M125	X	0	0	0	%100
106	M125	Z	-.753	-.753	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	M48	X	.105	.105	0	%100
2	M48	Z	-.183	-.183	0	%100
3	M53	X	.401	.401	0	%100
4	M53	Z	-.694	-.694	0	%100
5	M54	X	.401	.401	0	%100
6	M54	Z	-.694	-.694	0	%100
7	M62	X	.024	.024	0	%100
8	M62	Z	-.042	-.042	0	%100
9	M63	X	.027	.027	0	%100
10	M63	Z	-.047	-.047	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	.157	.157	0	%100
14	M67	Z	-.272	-.272	0	%100
15	M200	X	.257	.257	0	%100
16	M200	Z	-.445	-.445	0	%100
17	MP4A	X	.232	.232	0	%100
18	MP4A	Z	-.402	-.402	0	%100
19	MP3A	X	.232	.232	0	%100
20	MP3A	Z	-.402	-.402	0	%100
21	MP2A	X	.281	.281	0	%100
22	MP2A	Z	-.487	-.487	0	%100
23	MP1A	X	.232	.232	0	%100
24	MP1A	Z	-.402	-.402	0	%100
25	M37	X	.367	.367	0	%100
26	M37	Z	-.635	-.635	0	%100
27	M38	X	.367	.367	0	%100
28	M38	Z	-.635	-.635	0	%100
29	M36A	X	.105	.105	0	%100
30	M36A	Z	-.183	-.183	0	%100
31	M39A	X	.401	.401	0	%100
32	M39A	Z	-.694	-.694	0	%100
33	M40A	X	.401	.401	0	%100
34	M40A	Z	-.694	-.694	0	%100
35	M48A	X	.024	.024	0	%100
36	M48A	Z	-.042	-.042	0	%100
37	M49A	X	.027	.027	0	%100
38	M49A	Z	-.047	-.047	0	%100
39	M50	X	.157	.157	0	%100
40	M50	Z	-.272	-.272	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,%]
41	M51A	X	0	0	0	%100
42	M51A	Z	0	0	0	%100
43	M53A	X	.367	.367	0	%100
44	M53A	Z	-.635	-.635	0	%100
45	M54A	X	.367	.367	0	%100
46	M54A	Z	-.635	-.635	0	%100
47	OVP2	X	.232	.232	0	%100
48	OVP2	Z	-.402	-.402	0	%100
49	M60A	X	.421	.421	0	%100
50	M60A	Z	-.73	-.73	0	%100
51	M63A	X	0	0	0	%100
52	M63A	Z	0	0	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	0	0	0	%100
55	M72	X	0	0	0	%100
56	M72	Z	0	0	0	%100
57	M73	X	0	0	0	%100
58	M73	Z	0	0	0	%100
59	M74	X	.157	.157	0	%100
60	M74	Z	-.272	-.272	0	%100
61	M75	X	.157	.157	0	%100
62	M75	Z	-.272	-.272	0	%100
63	M77	X	0	0	0	%100
64	M77	Z	0	0	0	%100
65	M78	X	0	0	0	%100
66	M78	Z	0	0	0	%100
67	M82	X	.257	.257	0	%100
68	M82	Z	-.445	-.445	0	%100
69	MP4C	X	.232	.232	0	%100
70	MP4C	Z	-.402	-.402	0	%100
71	MP3C	X	.232	.232	0	%100
72	MP3C	Z	-.402	-.402	0	%100
73	MP2C	X	.281	.281	0	%100
74	MP2C	Z	-.487	-.487	0	%100
75	MP1C	X	.232	.232	0	%100
76	MP1C	Z	-.402	-.402	0	%100
77	M91	X	0	0	0	%100
78	M91	Z	0	0	0	%100
79	MP4B	X	.232	.232	0	%100
80	MP4B	Z	-.402	-.402	0	%100
81	MP3B	X	.232	.232	0	%100
82	MP3B	Z	-.402	-.402	0	%100
83	MP2B	X	.281	.281	0	%100
84	MP2B	Z	-.487	-.487	0	%100
85	MP1B	X	.232	.232	0	%100
86	MP1B	Z	-.402	-.402	0	%100
87	OVP1	X	.212	.212	0	%100
88	OVP1	Z	-.367	-.367	0	%100
89	M97	X	.211	.211	0	%100
90	M97	Z	-.365	-.365	0	%100
91	M102	X	.211	.211	0	%100
92	M102	Z	-.365	-.365	0	%100
93	M107	X	0	0	0	%100
94	M107	Z	0	0	0	%100
95	M118	X	.266	.266	0	%100
96	M118	Z	-.46	-.46	0	%100
97	M119	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
98	M119	Z	0	0	0	%100
99	M120	X	.266	.266	0	%100
100	M120	Z	-.46	-.46	0	%100
101	M121	X	.249	.249	0	%100
102	M121	Z	-.431	-.431	0	%100
103	M123A	X	.249	.249	0	%100
104	M123A	Z	-.431	-.431	0	%100
105	M125	X	.44	.44	0	%100
106	M125	Z	-.763	-.763	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	M48	X	.548	.548	0	%100
2	M48	Z	-.316	-.316	0	%100
3	M53	X	.231	.231	0	%100
4	M53	Z	-.134	-.134	0	%100
5	M54	X	.231	.231	0	%100
6	M54	Z	-.134	-.134	0	%100
7	M62	X	.014	.014	0	%100
8	M62	Z	-.008	-.008	0	%100
9	M63	X	.016	.016	0	%100
10	M63	Z	-.009	-.009	0	%100
11	M66	X	.091	.091	0	%100
12	M66	Z	-.052	-.052	0	%100
13	M67	X	.363	.363	0	%100
14	M67	Z	-.209	-.209	0	%100
15	M200	X	.148	.148	0	%100
16	M200	Z	-.086	-.086	0	%100
17	MP4A	X	.402	.402	0	%100
18	MP4A	Z	-.232	-.232	0	%100
19	MP3A	X	.402	.402	0	%100
20	MP3A	Z	-.232	-.232	0	%100
21	MP2A	X	.487	.487	0	%100
22	MP2A	Z	-.281	-.281	0	%100
23	MP1A	X	.402	.402	0	%100
24	MP1A	Z	-.232	-.232	0	%100
25	M37	X	.212	.212	0	%100
26	M37	Z	-.122	-.122	0	%100
27	M38	X	.212	.212	0	%100
28	M38	Z	-.122	-.122	0	%100
29	M36A	X	0	0	0	%100
30	M36A	Z	0	0	0	%100
31	M39A	X	.926	.926	0	%100
32	M39A	Z	-.534	-.534	0	%100
33	M40A	X	.926	.926	0	%100
34	M40A	Z	-.534	-.534	0	%100
35	M48A	X	.056	.056	0	%100
36	M48A	Z	-.032	-.032	0	%100
37	M49A	X	.063	.063	0	%100
38	M49A	Z	-.036	-.036	0	%100
39	M50	X	.091	.091	0	%100
40	M50	Z	-.052	-.052	0	%100
41	M51A	X	.091	.091	0	%100
42	M51A	Z	-.052	-.052	0	%100
43	M53A	X	.847	.847	0	%100
44	M53A	Z	-.489	-.489	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,%]
45	M54A	X	.847	.847	0	%100
46	M54A	Z	-.489	-.489	0	%100
47	OVP2	X	.402	.402	0	%100
48	OVP2	Z	-.232	-.232	0	%100
49	M60A	X	.548	.548	0	%100
50	M60A	Z	-.316	-.316	0	%100
51	M63A	X	.231	.231	0	%100
52	M63A	Z	-.134	-.134	0	%100
53	M64	X	.231	.231	0	%100
54	M64	Z	-.134	-.134	0	%100
55	M72	X	.014	.014	0	%100
56	M72	Z	-.008	-.008	0	%100
57	M73	X	.016	.016	0	%100
58	M73	Z	-.009	-.009	0	%100
59	M74	X	.363	.363	0	%100
60	M74	Z	-.209	-.209	0	%100
61	M75	X	.091	.091	0	%100
62	M75	Z	-.052	-.052	0	%100
63	M77	X	.212	.212	0	%100
64	M77	Z	-.122	-.122	0	%100
65	M78	X	.212	.212	0	%100
66	M78	Z	-.122	-.122	0	%100
67	M82	X	.593	.593	0	%100
68	M82	Z	-.342	-.342	0	%100
69	MP4C	X	.402	.402	0	%100
70	MP4C	Z	-.232	-.232	0	%100
71	MP3C	X	.402	.402	0	%100
72	MP3C	Z	-.232	-.232	0	%100
73	MP2C	X	.487	.487	0	%100
74	MP2C	Z	-.281	-.281	0	%100
75	MP1C	X	.402	.402	0	%100
76	MP1C	Z	-.232	-.232	0	%100
77	M91	X	.148	.148	0	%100
78	M91	Z	-.086	-.086	0	%100
79	MP4B	X	.402	.402	0	%100
80	MP4B	Z	-.232	-.232	0	%100
81	MP3B	X	.402	.402	0	%100
82	MP3B	Z	-.232	-.232	0	%100
83	MP2B	X	.487	.487	0	%100
84	MP2B	Z	-.281	-.281	0	%100
85	MP1B	X	.402	.402	0	%100
86	MP1B	Z	-.232	-.232	0	%100
87	OVP1	X	.367	.367	0	%100
88	OVP1	Z	-.212	-.212	0	%100
89	M97	X	.122	.122	0	%100
90	M97	Z	-.07	-.07	0	%100
91	M102	X	.487	.487	0	%100
92	M102	Z	-.281	-.281	0	%100
93	M107	X	.122	.122	0	%100
94	M107	Z	-.07	-.07	0	%100
95	M118	X	.614	.614	0	%100
96	M118	Z	-.354	-.354	0	%100
97	M119	X	.153	.153	0	%100
98	M119	Z	-.089	-.089	0	%100
99	M120	X	.153	.153	0	%100
100	M120	Z	-.089	-.089	0	%100
101	M121	X	.652	.652	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,%]
102	M121	Z	-.377	-.377	0	%100
103	M123A	X	.321	.321	0	%100
104	M123A	Z	-.185	-.185	0	%100
105	M125	X	.652	.652	0	%100
106	M125	Z	-.377	-.377	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	M48	X	.843	.843	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M66	X	.314	.314	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	.314	.314	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	0	0	0	%100
17	MP4A	X	.465	.465	0	%100
18	MP4A	Z	0	0	0	%100
19	MP3A	X	.465	.465	0	%100
20	MP3A	Z	0	0	0	%100
21	MP2A	X	.562	.562	0	%100
22	MP2A	Z	0	0	0	%100
23	MP1A	X	.465	.465	0	%100
24	MP1A	Z	0	0	0	%100
25	M37	X	0	0	0	%100
26	M37	Z	0	0	0	%100
27	M38	X	0	0	0	%100
28	M38	Z	0	0	0	%100
29	M36A	X	.211	.211	0	%100
30	M36A	Z	0	0	0	%100
31	M39A	X	.802	.802	0	%100
32	M39A	Z	0	0	0	%100
33	M40A	X	.802	.802	0	%100
34	M40A	Z	0	0	0	%100
35	M48A	X	.048	.048	0	%100
36	M48A	Z	0	0	0	%100
37	M49A	X	.054	.054	0	%100
38	M49A	Z	0	0	0	%100
39	M50	X	0	0	0	%100
40	M50	Z	0	0	0	%100
41	M51A	X	.314	.314	0	%100
42	M51A	Z	0	0	0	%100
43	M53A	X	.734	.734	0	%100
44	M53A	Z	0	0	0	%100
45	M54A	X	.734	.734	0	%100
46	M54A	Z	0	0	0	%100
47	OVP2	X	.465	.465	0	%100
48	OVP2	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,%]
49	M60A	X	.211	.211	0	%100
50	M60A	Z	0	0	0	%100
51	M63A	X	.802	.802	0	%100
52	M63A	Z	0	0	0	%100
53	M64	X	.802	.802	0	%100
54	M64	Z	0	0	0	%100
55	M72	X	.048	.048	0	%100
56	M72	Z	0	0	0	%100
57	M73	X	.054	.054	0	%100
58	M73	Z	0	0	0	%100
59	M74	X	.314	.314	0	%100
60	M74	Z	0	0	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	0	0	0	%100
63	M77	X	.734	.734	0	%100
64	M77	Z	0	0	0	%100
65	M78	X	.734	.734	0	%100
66	M78	Z	0	0	0	%100
67	M82	X	.514	.514	0	%100
68	M82	Z	0	0	0	%100
69	MP4C	X	.465	.465	0	%100
70	MP4C	Z	0	0	0	%100
71	MP3C	X	.465	.465	0	%100
72	MP3C	Z	0	0	0	%100
73	MP2C	X	.562	.562	0	%100
74	MP2C	Z	0	0	0	%100
75	MP1C	X	.465	.465	0	%100
76	MP1C	Z	0	0	0	%100
77	M91	X	.514	.514	0	%100
78	M91	Z	0	0	0	%100
79	MP4B	X	.465	.465	0	%100
80	MP4B	Z	0	0	0	%100
81	MP3B	X	.465	.465	0	%100
82	MP3B	Z	0	0	0	%100
83	MP2B	X	.562	.562	0	%100
84	MP2B	Z	0	0	0	%100
85	MP1B	X	.465	.465	0	%100
86	MP1B	Z	0	0	0	%100
87	OVP1	X	.423	.423	0	%100
88	OVP1	Z	0	0	0	%100
89	M97	X	0	0	0	%100
90	M97	Z	0	0	0	%100
91	M102	X	.422	.422	0	%100
92	M102	Z	0	0	0	%100
93	M107	X	.422	.422	0	%100
94	M107	Z	0	0	0	%100
95	M118	X	.532	.532	0	%100
96	M118	Z	0	0	0	%100
97	M119	X	.532	.532	0	%100
98	M119	Z	0	0	0	%100
99	M120	X	0	0	0	%100
100	M120	Z	0	0	0	%100
101	M121	X	.881	.881	0	%100
102	M121	Z	0	0	0	%100
103	M123A	X	.498	.498	0	%100
104	M123A	Z	0	0	0	%100
105	M125	X	.498	.498	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,%]
106	M125	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	M48	X	.548	.548	0	%100
2	M48	Z	.316	.316	0	%100
3	M53	X	.231	.231	0	%100
4	M53	Z	.134	.134	0	%100
5	M54	X	.231	.231	0	%100
6	M54	Z	.134	.134	0	%100
7	M62	X	.014	.014	0	%100
8	M62	Z	.008	.008	0	%100
9	M63	X	.016	.016	0	%100
10	M63	Z	.009	.009	0	%100
11	M66	X	.363	.363	0	%100
12	M66	Z	.209	.209	0	%100
13	M67	X	.091	.091	0	%100
14	M67	Z	.052	.052	0	%100
15	M200	X	.148	.148	0	%100
16	M200	Z	.086	.086	0	%100
17	MP4A	X	.402	.402	0	%100
18	MP4A	Z	.232	.232	0	%100
19	MP3A	X	.402	.402	0	%100
20	MP3A	Z	.232	.232	0	%100
21	MP2A	X	.487	.487	0	%100
22	MP2A	Z	.281	.281	0	%100
23	MP1A	X	.402	.402	0	%100
24	MP1A	Z	.232	.232	0	%100
25	M37	X	.212	.212	0	%100
26	M37	Z	.122	.122	0	%100
27	M38	X	.212	.212	0	%100
28	M38	Z	.122	.122	0	%100
29	M36A	X	.548	.548	0	%100
30	M36A	Z	.316	.316	0	%100
31	M39A	X	.231	.231	0	%100
32	M39A	Z	.134	.134	0	%100
33	M40A	X	.231	.231	0	%100
34	M40A	Z	.134	.134	0	%100
35	M48A	X	.014	.014	0	%100
36	M48A	Z	.008	.008	0	%100
37	M49A	X	.016	.016	0	%100
38	M49A	Z	.009	.009	0	%100
39	M50	X	.091	.091	0	%100
40	M50	Z	.052	.052	0	%100
41	M51A	X	.363	.363	0	%100
42	M51A	Z	.209	.209	0	%100
43	M53A	X	.212	.212	0	%100
44	M53A	Z	.122	.122	0	%100
45	M54A	X	.212	.212	0	%100
46	M54A	Z	.122	.122	0	%100
47	OVP2	X	.402	.402	0	%100
48	OVP2	Z	.232	.232	0	%100
49	M60A	X	0	0	0	%100
50	M60A	Z	0	0	0	%100
51	M63A	X	.926	.926	0	%100
52	M63A	Z	.534	.534	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,%]
53	M64	X	.926	.926	0	%100
54	M64	Z	.534	.534	0	%100
55	M72	X	.056	.056	0	%100
56	M72	Z	.032	.032	0	%100
57	M73	X	.063	.063	0	%100
58	M73	Z	.036	.036	0	%100
59	M74	X	.091	.091	0	%100
60	M74	Z	.052	.052	0	%100
61	M75	X	.091	.091	0	%100
62	M75	Z	.052	.052	0	%100
63	M77	X	.847	.847	0	%100
64	M77	Z	.489	.489	0	%100
65	M78	X	.847	.847	0	%100
66	M78	Z	.489	.489	0	%100
67	M82	X	.148	.148	0	%100
68	M82	Z	.086	.086	0	%100
69	MP4C	X	.402	.402	0	%100
70	MP4C	Z	.232	.232	0	%100
71	MP3C	X	.402	.402	0	%100
72	MP3C	Z	.232	.232	0	%100
73	MP2C	X	.487	.487	0	%100
74	MP2C	Z	.281	.281	0	%100
75	MP1C	X	.402	.402	0	%100
76	MP1C	Z	.232	.232	0	%100
77	M91	X	.593	.593	0	%100
78	M91	Z	.342	.342	0	%100
79	MP4B	X	.402	.402	0	%100
80	MP4B	Z	.232	.232	0	%100
81	MP3B	X	.402	.402	0	%100
82	MP3B	Z	.232	.232	0	%100
83	MP2B	X	.487	.487	0	%100
84	MP2B	Z	.281	.281	0	%100
85	MP1B	X	.402	.402	0	%100
86	MP1B	Z	.232	.232	0	%100
87	OVP1	X	.367	.367	0	%100
88	OVP1	Z	.212	.212	0	%100
89	M97	X	.122	.122	0	%100
90	M97	Z	.07	.07	0	%100
91	M102	X	.122	.122	0	%100
92	M102	Z	.07	.07	0	%100
93	M107	X	.487	.487	0	%100
94	M107	Z	.281	.281	0	%100
95	M118	X	.153	.153	0	%100
96	M118	Z	.089	.089	0	%100
97	M119	X	.614	.614	0	%100
98	M119	Z	.354	.354	0	%100
99	M120	X	.153	.153	0	%100
100	M120	Z	.089	.089	0	%100
101	M121	X	.652	.652	0	%100
102	M121	Z	.377	.377	0	%100
103	M123A	X	.652	.652	0	%100
104	M123A	Z	.377	.377	0	%100
105	M125	X	.321	.321	0	%100
106	M125	Z	.185	.185	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,%]

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,%]
1	M48	X	.105	.105	0	%100
2	M48	Z	.183	.183	0	%100
3	M53	X	.401	.401	0	%100
4	M53	Z	.694	.694	0	%100
5	M54	X	.401	.401	0	%100
6	M54	Z	.694	.694	0	%100
7	M62	X	.024	.024	0	%100
8	M62	Z	.042	.042	0	%100
9	M63	X	.027	.027	0	%100
10	M63	Z	.047	.047	0	%100
11	M66	X	.157	.157	0	%100
12	M66	Z	.272	.272	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	.257	.257	0	%100
16	M200	Z	.445	.445	0	%100
17	MP4A	X	.232	.232	0	%100
18	MP4A	Z	.402	.402	0	%100
19	MP3A	X	.232	.232	0	%100
20	MP3A	Z	.402	.402	0	%100
21	MP2A	X	.281	.281	0	%100
22	MP2A	Z	.487	.487	0	%100
23	MP1A	X	.232	.232	0	%100
24	MP1A	Z	.402	.402	0	%100
25	M37	X	.367	.367	0	%100
26	M37	Z	.635	.635	0	%100
27	M38	X	.367	.367	0	%100
28	M38	Z	.635	.635	0	%100
29	M36A	X	.421	.421	0	%100
30	M36A	Z	.73	.73	0	%100
31	M39A	X	0	0	0	%100
32	M39A	Z	0	0	0	%100
33	M40A	X	0	0	0	%100
34	M40A	Z	0	0	0	%100
35	M48A	X	0	0	0	%100
36	M48A	Z	0	0	0	%100
37	M49A	X	0	0	0	%100
38	M49A	Z	0	0	0	%100
39	M50	X	.157	.157	0	%100
40	M50	Z	.272	.272	0	%100
41	M51A	X	.157	.157	0	%100
42	M51A	Z	.272	.272	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	0	0	0	%100
45	M54A	X	0	0	0	%100
46	M54A	Z	0	0	0	%100
47	OVP2	X	.232	.232	0	%100
48	OVP2	Z	.402	.402	0	%100
49	M60A	X	.105	.105	0	%100
50	M60A	Z	.183	.183	0	%100
51	M63A	X	.401	.401	0	%100
52	M63A	Z	.694	.694	0	%100
53	M64	X	.401	.401	0	%100
54	M64	Z	.694	.694	0	%100
55	M72	X	.024	.024	0	%100
56	M72	Z	.042	.042	0	%100
57	M73	X	.027	.027	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,%]
58	M73	Z	.047	.047	0	%100
59	M74	X	0	0	0	%100
60	M74	Z	0	0	0	%100
61	M75	X	.157	.157	0	%100
62	M75	Z	.272	.272	0	%100
63	M77	X	.367	.367	0	%100
64	M77	Z	.635	.635	0	%100
65	M78	X	.367	.367	0	%100
66	M78	Z	.635	.635	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	MP4C	X	.232	.232	0	%100
70	MP4C	Z	.402	.402	0	%100
71	MP3C	X	.232	.232	0	%100
72	MP3C	Z	.402	.402	0	%100
73	MP2C	X	.281	.281	0	%100
74	MP2C	Z	.487	.487	0	%100
75	MP1C	X	.232	.232	0	%100
76	MP1C	Z	.402	.402	0	%100
77	M91	X	.257	.257	0	%100
78	M91	Z	.445	.445	0	%100
79	MP4B	X	.232	.232	0	%100
80	MP4B	Z	.402	.402	0	%100
81	MP3B	X	.232	.232	0	%100
82	MP3B	Z	.402	.402	0	%100
83	MP2B	X	.281	.281	0	%100
84	MP2B	Z	.487	.487	0	%100
85	MP1B	X	.232	.232	0	%100
86	MP1B	Z	.402	.402	0	%100
87	OVP1	X	.212	.212	0	%100
88	OVP1	Z	.367	.367	0	%100
89	M97	X	.211	.211	0	%100
90	M97	Z	.365	.365	0	%100
91	M102	X	0	0	0	%100
92	M102	Z	0	0	0	%100
93	M107	X	.211	.211	0	%100
94	M107	Z	.365	.365	0	%100
95	M118	X	0	0	0	%100
96	M118	Z	0	0	0	%100
97	M119	X	.266	.266	0	%100
98	M119	Z	.46	.46	0	%100
99	M120	X	.266	.266	0	%100
100	M120	Z	.46	.46	0	%100
101	M121	X	.249	.249	0	%100
102	M121	Z	.431	.431	0	%100
103	M123A	X	.44	.44	0	%100
104	M123A	Z	.763	.763	0	%100
105	M125	X	.249	.249	0	%100
106	M125	Z	.431	.431	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	1.069	1.069	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,%]
5	M54	X	0	0	0	%100
6	M54	Z	1.069	1.069	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	.065	.065	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	.072	.072	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	.105	.105	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	.105	.105	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	.685	.685	0	%100
17	MP4A	X	0	0	0	%100
18	MP4A	Z	.465	.465	0	%100
19	MP3A	X	0	0	0	%100
20	MP3A	Z	.465	.465	0	%100
21	MP2A	X	0	0	0	%100
22	MP2A	Z	.562	.562	0	%100
23	MP1A	X	0	0	0	%100
24	MP1A	Z	.465	.465	0	%100
25	M37	X	0	0	0	%100
26	M37	Z	.978	.978	0	%100
27	M38	X	0	0	0	%100
28	M38	Z	.978	.978	0	%100
29	M36A	X	0	0	0	%100
30	M36A	Z	.632	.632	0	%100
31	M39A	X	0	0	0	%100
32	M39A	Z	.267	.267	0	%100
33	M40A	X	0	0	0	%100
34	M40A	Z	.267	.267	0	%100
35	M48A	X	0	0	0	%100
36	M48A	Z	.016	.016	0	%100
37	M49A	X	0	0	0	%100
38	M49A	Z	.018	.018	0	%100
39	M50	X	0	0	0	%100
40	M50	Z	.419	.419	0	%100
41	M51A	X	0	0	0	%100
42	M51A	Z	.105	.105	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	.245	.245	0	%100
45	M54A	X	0	0	0	%100
46	M54A	Z	.245	.245	0	%100
47	OVP2	X	0	0	0	%100
48	OVP2	Z	.465	.465	0	%100
49	M60A	X	0	0	0	%100
50	M60A	Z	.632	.632	0	%100
51	M63A	X	0	0	0	%100
52	M63A	Z	.267	.267	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	.267	.267	0	%100
55	M72	X	0	0	0	%100
56	M72	Z	.016	.016	0	%100
57	M73	X	0	0	0	%100
58	M73	Z	.018	.018	0	%100
59	M74	X	0	0	0	%100
60	M74	Z	.105	.105	0	%100
61	M75	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,%]
62	M75	Z	.419	.419	0	%100
63	M77	X	0	0	0	%100
64	M77	Z	.245	.245	0	%100
65	M78	X	0	0	0	%100
66	M78	Z	.245	.245	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	.171	.171	0	%100
69	MP4C	X	0	0	0	%100
70	MP4C	Z	.465	.465	0	%100
71	MP3C	X	0	0	0	%100
72	MP3C	Z	.465	.465	0	%100
73	MP2C	X	0	0	0	%100
74	MP2C	Z	.562	.562	0	%100
75	MP1C	X	0	0	0	%100
76	MP1C	Z	.465	.465	0	%100
77	M91	X	0	0	0	%100
78	M91	Z	.171	.171	0	%100
79	MP4B	X	0	0	0	%100
80	MP4B	Z	.465	.465	0	%100
81	MP3B	X	0	0	0	%100
82	MP3B	Z	.465	.465	0	%100
83	MP2B	X	0	0	0	%100
84	MP2B	Z	.562	.562	0	%100
85	MP1B	X	0	0	0	%100
86	MP1B	Z	.465	.465	0	%100
87	OVP1	X	0	0	0	%100
88	OVP1	Z	.423	.423	0	%100
89	M97	X	0	0	0	%100
90	M97	Z	.562	.562	0	%100
91	M102	X	0	0	0	%100
92	M102	Z	.141	.141	0	%100
93	M107	X	0	0	0	%100
94	M107	Z	.141	.141	0	%100
95	M118	X	0	0	0	%100
96	M118	Z	.177	.177	0	%100
97	M119	X	0	0	0	%100
98	M119	Z	.177	.177	0	%100
99	M120	X	0	0	0	%100
100	M120	Z	.709	.709	0	%100
101	M121	X	0	0	0	%100
102	M121	Z	.37	.37	0	%100
103	M123A	X	0	0	0	%100
104	M123A	Z	.753	.753	0	%100
105	M125	X	0	0	0	%100
106	M125	Z	.753	.753	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	M48	X	-.105	-.105	0	%100
2	M48	Z	.183	.183	0	%100
3	M53	X	-.401	-.401	0	%100
4	M53	Z	.694	.694	0	%100
5	M54	X	-.401	-.401	0	%100
6	M54	Z	.694	.694	0	%100
7	M62	X	-.024	-.024	0	%100
8	M62	Z	.042	.042	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,%]
9	M63	X	-.027	-.027	0	%100
10	M63	Z	.047	.047	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	-.157	-.157	0	%100
14	M67	Z	.272	.272	0	%100
15	M200	X	-.257	-.257	0	%100
16	M200	Z	.445	.445	0	%100
17	MP4A	X	-.232	-.232	0	%100
18	MP4A	Z	.402	.402	0	%100
19	MP3A	X	-.232	-.232	0	%100
20	MP3A	Z	.402	.402	0	%100
21	MP2A	X	-.281	-.281	0	%100
22	MP2A	Z	.487	.487	0	%100
23	MP1A	X	-.232	-.232	0	%100
24	MP1A	Z	.402	.402	0	%100
25	M37	X	-.367	-.367	0	%100
26	M37	Z	.635	.635	0	%100
27	M38	X	-.367	-.367	0	%100
28	M38	Z	.635	.635	0	%100
29	M36A	X	-.105	-.105	0	%100
30	M36A	Z	.183	.183	0	%100
31	M39A	X	-.401	-.401	0	%100
32	M39A	Z	.694	.694	0	%100
33	M40A	X	-.401	-.401	0	%100
34	M40A	Z	.694	.694	0	%100
35	M48A	X	-.024	-.024	0	%100
36	M48A	Z	.042	.042	0	%100
37	M49A	X	-.027	-.027	0	%100
38	M49A	Z	.047	.047	0	%100
39	M50	X	-.157	-.157	0	%100
40	M50	Z	.272	.272	0	%100
41	M51A	X	0	0	0	%100
42	M51A	Z	0	0	0	%100
43	M53A	X	-.367	-.367	0	%100
44	M53A	Z	.635	.635	0	%100
45	M54A	X	-.367	-.367	0	%100
46	M54A	Z	.635	.635	0	%100
47	OVP2	X	-.232	-.232	0	%100
48	OVP2	Z	.402	.402	0	%100
49	M60A	X	-.421	-.421	0	%100
50	M60A	Z	.73	.73	0	%100
51	M63A	X	0	0	0	%100
52	M63A	Z	0	0	0	%100
53	M64	X	0	0	0	%100
54	M64	Z	0	0	0	%100
55	M72	X	0	0	0	%100
56	M72	Z	0	0	0	%100
57	M73	X	0	0	0	%100
58	M73	Z	0	0	0	%100
59	M74	X	-.157	-.157	0	%100
60	M74	Z	.272	.272	0	%100
61	M75	X	-.157	-.157	0	%100
62	M75	Z	.272	.272	0	%100
63	M77	X	0	0	0	%100
64	M77	Z	0	0	0	%100
65	M78	X	0	0	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,%]
66	M78	Z	0	0	0	%100
67	M82	X	-.257	-.257	0	%100
68	M82	Z	.445	.445	0	%100
69	MP4C	X	-.232	-.232	0	%100
70	MP4C	Z	.402	.402	0	%100
71	MP3C	X	-.232	-.232	0	%100
72	MP3C	Z	.402	.402	0	%100
73	MP2C	X	-.281	-.281	0	%100
74	MP2C	Z	.487	.487	0	%100
75	MP1C	X	-.232	-.232	0	%100
76	MP1C	Z	.402	.402	0	%100
77	M91	X	0	0	0	%100
78	M91	Z	0	0	0	%100
79	MP4B	X	-.232	-.232	0	%100
80	MP4B	Z	.402	.402	0	%100
81	MP3B	X	-.232	-.232	0	%100
82	MP3B	Z	.402	.402	0	%100
83	MP2B	X	-.281	-.281	0	%100
84	MP2B	Z	.487	.487	0	%100
85	MP1B	X	-.232	-.232	0	%100
86	MP1B	Z	.402	.402	0	%100
87	OVP1	X	-.212	-.212	0	%100
88	OVP1	Z	.367	.367	0	%100
89	M97	X	-.211	-.211	0	%100
90	M97	Z	.365	.365	0	%100
91	M102	X	-.211	-.211	0	%100
92	M102	Z	.365	.365	0	%100
93	M107	X	0	0	0	%100
94	M107	Z	0	0	0	%100
95	M118	X	-.266	-.266	0	%100
96	M118	Z	.46	.46	0	%100
97	M119	X	0	0	0	%100
98	M119	Z	0	0	0	%100
99	M120	X	-.266	-.266	0	%100
100	M120	Z	.46	.46	0	%100
101	M121	X	-.249	-.249	0	%100
102	M121	Z	.431	.431	0	%100
103	M123A	X	-.249	-.249	0	%100
104	M123A	Z	.431	.431	0	%100
105	M125	X	-.44	-.44	0	%100
106	M125	Z	.763	.763	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	M48	X	-.548	-.548	0	%100
2	M48	Z	.316	.316	0	%100
3	M53	X	-.231	-.231	0	%100
4	M53	Z	.134	.134	0	%100
5	M54	X	-.231	-.231	0	%100
6	M54	Z	.134	.134	0	%100
7	M62	X	-.014	-.014	0	%100
8	M62	Z	.008	.008	0	%100
9	M63	X	-.016	-.016	0	%100
10	M63	Z	.009	.009	0	%100
11	M66	X	-.091	-.091	0	%100
12	M66	Z	.052	.052	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,%]
13	M67	X	-.363	-.363	0	%100
14	M67	Z	.209	.209	0	%100
15	M200	X	-.148	-.148	0	%100
16	M200	Z	.086	.086	0	%100
17	MP4A	X	-.402	-.402	0	%100
18	MP4A	Z	.232	.232	0	%100
19	MP3A	X	-.402	-.402	0	%100
20	MP3A	Z	.232	.232	0	%100
21	MP2A	X	-.487	-.487	0	%100
22	MP2A	Z	.281	.281	0	%100
23	MP1A	X	-.402	-.402	0	%100
24	MP1A	Z	.232	.232	0	%100
25	M37	X	-.212	-.212	0	%100
26	M37	Z	.122	.122	0	%100
27	M38	X	-.212	-.212	0	%100
28	M38	Z	.122	.122	0	%100
29	M36A	X	0	0	0	%100
30	M36A	Z	0	0	0	%100
31	M39A	X	-.926	-.926	0	%100
32	M39A	Z	.534	.534	0	%100
33	M40A	X	-.926	-.926	0	%100
34	M40A	Z	.534	.534	0	%100
35	M48A	X	-.056	-.056	0	%100
36	M48A	Z	.032	.032	0	%100
37	M49A	X	-.063	-.063	0	%100
38	M49A	Z	.036	.036	0	%100
39	M50	X	-.091	-.091	0	%100
40	M50	Z	.052	.052	0	%100
41	M51A	X	-.091	-.091	0	%100
42	M51A	Z	.052	.052	0	%100
43	M53A	X	-.847	-.847	0	%100
44	M53A	Z	.489	.489	0	%100
45	M54A	X	-.847	-.847	0	%100
46	M54A	Z	.489	.489	0	%100
47	OVP2	X	-.402	-.402	0	%100
48	OVP2	Z	.232	.232	0	%100
49	M60A	X	-.548	-.548	0	%100
50	M60A	Z	.316	.316	0	%100
51	M63A	X	-.231	-.231	0	%100
52	M63A	Z	.134	.134	0	%100
53	M64	X	-.231	-.231	0	%100
54	M64	Z	.134	.134	0	%100
55	M72	X	-.014	-.014	0	%100
56	M72	Z	.008	.008	0	%100
57	M73	X	-.016	-.016	0	%100
58	M73	Z	.009	.009	0	%100
59	M74	X	-.363	-.363	0	%100
60	M74	Z	.209	.209	0	%100
61	M75	X	-.091	-.091	0	%100
62	M75	Z	.052	.052	0	%100
63	M77	X	-.212	-.212	0	%100
64	M77	Z	.122	.122	0	%100
65	M78	X	-.212	-.212	0	%100
66	M78	Z	.122	.122	0	%100
67	M82	X	-.593	-.593	0	%100
68	M82	Z	.342	.342	0	%100
69	MP4C	X	-.402	-.402	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,%]
70	MP4C	Z	.232	.232	0	%100
71	MP3C	X	-.402	-.402	0	%100
72	MP3C	Z	.232	.232	0	%100
73	MP2C	X	-.487	-.487	0	%100
74	MP2C	Z	.281	.281	0	%100
75	MP1C	X	-.402	-.402	0	%100
76	MP1C	Z	.232	.232	0	%100
77	M91	X	-.148	-.148	0	%100
78	M91	Z	.086	.086	0	%100
79	MP4B	X	-.402	-.402	0	%100
80	MP4B	Z	.232	.232	0	%100
81	MP3B	X	-.402	-.402	0	%100
82	MP3B	Z	.232	.232	0	%100
83	MP2B	X	-.487	-.487	0	%100
84	MP2B	Z	.281	.281	0	%100
85	MP1B	X	-.402	-.402	0	%100
86	MP1B	Z	.232	.232	0	%100
87	OVP1	X	-.367	-.367	0	%100
88	OVP1	Z	.212	.212	0	%100
89	M97	X	-.122	-.122	0	%100
90	M97	Z	.07	.07	0	%100
91	M102	X	-.487	-.487	0	%100
92	M102	Z	.281	.281	0	%100
93	M107	X	-.122	-.122	0	%100
94	M107	Z	.07	.07	0	%100
95	M118	X	-.614	-.614	0	%100
96	M118	Z	.354	.354	0	%100
97	M119	X	-.153	-.153	0	%100
98	M119	Z	.089	.089	0	%100
99	M120	X	-.153	-.153	0	%100
100	M120	Z	.089	.089	0	%100
101	M121	X	-.652	-.652	0	%100
102	M121	Z	.377	.377	0	%100
103	M123A	X	-.321	-.321	0	%100
104	M123A	Z	.185	.185	0	%100
105	M125	X	-.652	-.652	0	%100
106	M125	Z	.377	.377	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	M48	X	-.843	-.843	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M66	X	-.314	-.314	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	-.314	-.314	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	0	0	0	%100
16	M200	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,%]
17	MP4A	X	-.465	-.465	0	%100
18	MP4A	Z	0	0	0	%100
19	MP3A	X	-.465	-.465	0	%100
20	MP3A	Z	0	0	0	%100
21	MP2A	X	-.562	-.562	0	%100
22	MP2A	Z	0	0	0	%100
23	MP1A	X	-.465	-.465	0	%100
24	MP1A	Z	0	0	0	%100
25	M37	X	0	0	0	%100
26	M37	Z	0	0	0	%100
27	M38	X	0	0	0	%100
28	M38	Z	0	0	0	%100
29	M36A	X	-.211	-.211	0	%100
30	M36A	Z	0	0	0	%100
31	M39A	X	-.802	-.802	0	%100
32	M39A	Z	0	0	0	%100
33	M40A	X	-.802	-.802	0	%100
34	M40A	Z	0	0	0	%100
35	M48A	X	-.048	-.048	0	%100
36	M48A	Z	0	0	0	%100
37	M49A	X	-.054	-.054	0	%100
38	M49A	Z	0	0	0	%100
39	M50	X	0	0	0	%100
40	M50	Z	0	0	0	%100
41	M51A	X	-.314	-.314	0	%100
42	M51A	Z	0	0	0	%100
43	M53A	X	-.734	-.734	0	%100
44	M53A	Z	0	0	0	%100
45	M54A	X	-.734	-.734	0	%100
46	M54A	Z	0	0	0	%100
47	OVP2	X	-.465	-.465	0	%100
48	OVP2	Z	0	0	0	%100
49	M60A	X	-.211	-.211	0	%100
50	M60A	Z	0	0	0	%100
51	M63A	X	-.802	-.802	0	%100
52	M63A	Z	0	0	0	%100
53	M64	X	-.802	-.802	0	%100
54	M64	Z	0	0	0	%100
55	M72	X	-.048	-.048	0	%100
56	M72	Z	0	0	0	%100
57	M73	X	-.054	-.054	0	%100
58	M73	Z	0	0	0	%100
59	M74	X	-.314	-.314	0	%100
60	M74	Z	0	0	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	0	0	0	%100
63	M77	X	-.734	-.734	0	%100
64	M77	Z	0	0	0	%100
65	M78	X	-.734	-.734	0	%100
66	M78	Z	0	0	0	%100
67	M82	X	-.514	-.514	0	%100
68	M82	Z	0	0	0	%100
69	MP4C	X	-.465	-.465	0	%100
70	MP4C	Z	0	0	0	%100
71	MP3C	X	-.465	-.465	0	%100
72	MP3C	Z	0	0	0	%100
73	MP2C	X	-.562	-.562	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,%]
74	MP2C	Z	0	0	0	%100
75	MP1C	X	-.465	-.465	0	%100
76	MP1C	Z	0	0	0	%100
77	M91	X	-.514	-.514	0	%100
78	M91	Z	0	0	0	%100
79	MP4B	X	-.465	-.465	0	%100
80	MP4B	Z	0	0	0	%100
81	MP3B	X	-.465	-.465	0	%100
82	MP3B	Z	0	0	0	%100
83	MP2B	X	-.562	-.562	0	%100
84	MP2B	Z	0	0	0	%100
85	MP1B	X	-.465	-.465	0	%100
86	MP1B	Z	0	0	0	%100
87	OVP1	X	-.423	-.423	0	%100
88	OVP1	Z	0	0	0	%100
89	M97	X	0	0	0	%100
90	M97	Z	0	0	0	%100
91	M102	X	-.422	-.422	0	%100
92	M102	Z	0	0	0	%100
93	M107	X	-.422	-.422	0	%100
94	M107	Z	0	0	0	%100
95	M118	X	-.532	-.532	0	%100
96	M118	Z	0	0	0	%100
97	M119	X	-.532	-.532	0	%100
98	M119	Z	0	0	0	%100
99	M120	X	0	0	0	%100
100	M120	Z	0	0	0	%100
101	M121	X	-.881	-.881	0	%100
102	M121	Z	0	0	0	%100
103	M123A	X	-.498	-.498	0	%100
104	M123A	Z	0	0	0	%100
105	M125	X	-.498	-.498	0	%100
106	M125	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	M48	X	-.548	-.548	0	%100
2	M48	Z	-.316	-.316	0	%100
3	M53	X	-.231	-.231	0	%100
4	M53	Z	-.134	-.134	0	%100
5	M54	X	-.231	-.231	0	%100
6	M54	Z	-.134	-.134	0	%100
7	M62	X	-.014	-.014	0	%100
8	M62	Z	-.008	-.008	0	%100
9	M63	X	-.016	-.016	0	%100
10	M63	Z	-.009	-.009	0	%100
11	M66	X	-.363	-.363	0	%100
12	M66	Z	-.209	-.209	0	%100
13	M67	X	-.091	-.091	0	%100
14	M67	Z	-.052	-.052	0	%100
15	M200	X	-.148	-.148	0	%100
16	M200	Z	-.086	-.086	0	%100
17	MP4A	X	-.402	-.402	0	%100
18	MP4A	Z	-.232	-.232	0	%100
19	MP3A	X	-.402	-.402	0	%100
20	MP3A	Z	-.232	-.232	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,%]
21	MP2A	X	-.487	-.487	0	%100
22	MP2A	Z	-.281	-.281	0	%100
23	MP1A	X	-.402	-.402	0	%100
24	MP1A	Z	-.232	-.232	0	%100
25	M37	X	-.212	-.212	0	%100
26	M37	Z	-.122	-.122	0	%100
27	M38	X	-.212	-.212	0	%100
28	M38	Z	-.122	-.122	0	%100
29	M36A	X	-.548	-.548	0	%100
30	M36A	Z	-.316	-.316	0	%100
31	M39A	X	-.231	-.231	0	%100
32	M39A	Z	-.134	-.134	0	%100
33	M40A	X	-.231	-.231	0	%100
34	M40A	Z	-.134	-.134	0	%100
35	M48A	X	-.014	-.014	0	%100
36	M48A	Z	-.008	-.008	0	%100
37	M49A	X	-.016	-.016	0	%100
38	M49A	Z	-.009	-.009	0	%100
39	M50	X	-.091	-.091	0	%100
40	M50	Z	-.052	-.052	0	%100
41	M51A	X	-.363	-.363	0	%100
42	M51A	Z	-.209	-.209	0	%100
43	M53A	X	-.212	-.212	0	%100
44	M53A	Z	-.122	-.122	0	%100
45	M54A	X	-.212	-.212	0	%100
46	M54A	Z	-.122	-.122	0	%100
47	OVP2	X	-.402	-.402	0	%100
48	OVP2	Z	-.232	-.232	0	%100
49	M60A	X	0	0	0	%100
50	M60A	Z	0	0	0	%100
51	M63A	X	-.926	-.926	0	%100
52	M63A	Z	-.534	-.534	0	%100
53	M64	X	-.926	-.926	0	%100
54	M64	Z	-.534	-.534	0	%100
55	M72	X	-.056	-.056	0	%100
56	M72	Z	-.032	-.032	0	%100
57	M73	X	-.063	-.063	0	%100
58	M73	Z	-.036	-.036	0	%100
59	M74	X	-.091	-.091	0	%100
60	M74	Z	-.052	-.052	0	%100
61	M75	X	-.091	-.091	0	%100
62	M75	Z	-.052	-.052	0	%100
63	M77	X	-.847	-.847	0	%100
64	M77	Z	-.489	-.489	0	%100
65	M78	X	-.847	-.847	0	%100
66	M78	Z	-.489	-.489	0	%100
67	M82	X	-.148	-.148	0	%100
68	M82	Z	-.086	-.086	0	%100
69	MP4C	X	-.402	-.402	0	%100
70	MP4C	Z	-.232	-.232	0	%100
71	MP3C	X	-.402	-.402	0	%100
72	MP3C	Z	-.232	-.232	0	%100
73	MP2C	X	-.487	-.487	0	%100
74	MP2C	Z	-.281	-.281	0	%100
75	MP1C	X	-.402	-.402	0	%100
76	MP1C	Z	-.232	-.232	0	%100
77	M91	X	-.593	-.593	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,%]
78	M91	Z	-.342	-.342	0	%100
79	MP4B	X	-.402	-.402	0	%100
80	MP4B	Z	-.232	-.232	0	%100
81	MP3B	X	-.402	-.402	0	%100
82	MP3B	Z	-.232	-.232	0	%100
83	MP2B	X	-.487	-.487	0	%100
84	MP2B	Z	-.281	-.281	0	%100
85	MP1B	X	-.402	-.402	0	%100
86	MP1B	Z	-.232	-.232	0	%100
87	OVP1	X	-.367	-.367	0	%100
88	OVP1	Z	-.212	-.212	0	%100
89	M97	X	-.122	-.122	0	%100
90	M97	Z	-.07	-.07	0	%100
91	M102	X	-.122	-.122	0	%100
92	M102	Z	-.07	-.07	0	%100
93	M107	X	-.487	-.487	0	%100
94	M107	Z	-.281	-.281	0	%100
95	M118	X	-.153	-.153	0	%100
96	M118	Z	-.089	-.089	0	%100
97	M119	X	-.614	-.614	0	%100
98	M119	Z	-.354	-.354	0	%100
99	M120	X	-.153	-.153	0	%100
100	M120	Z	-.089	-.089	0	%100
101	M121	X	-.652	-.652	0	%100
102	M121	Z	-.377	-.377	0	%100
103	M123A	X	-.652	-.652	0	%100
104	M123A	Z	-.377	-.377	0	%100
105	M125	X	-.321	-.321	0	%100
106	M125	Z	-.185	-.185	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	M48	X	-.105	-.105	0	%100
2	M48	Z	-.183	-.183	0	%100
3	M53	X	-.401	-.401	0	%100
4	M53	Z	-.694	-.694	0	%100
5	M54	X	-.401	-.401	0	%100
6	M54	Z	-.694	-.694	0	%100
7	M62	X	-.024	-.024	0	%100
8	M62	Z	-.042	-.042	0	%100
9	M63	X	-.027	-.027	0	%100
10	M63	Z	-.047	-.047	0	%100
11	M66	X	-.157	-.157	0	%100
12	M66	Z	-.272	-.272	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	-.257	-.257	0	%100
16	M200	Z	-.445	-.445	0	%100
17	MP4A	X	-.232	-.232	0	%100
18	MP4A	Z	-.402	-.402	0	%100
19	MP3A	X	-.232	-.232	0	%100
20	MP3A	Z	-.402	-.402	0	%100
21	MP2A	X	-.281	-.281	0	%100
22	MP2A	Z	-.487	-.487	0	%100
23	MP1A	X	-.232	-.232	0	%100
24	MP1A	Z	-.402	-.402	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,%]
25	M37	X	-.367	-.367	0	%100
26	M37	Z	-.635	-.635	0	%100
27	M38	X	-.367	-.367	0	%100
28	M38	Z	-.635	-.635	0	%100
29	M36A	X	-.421	-.421	0	%100
30	M36A	Z	-.73	-.73	0	%100
31	M39A	X	0	0	0	%100
32	M39A	Z	0	0	0	%100
33	M40A	X	0	0	0	%100
34	M40A	Z	0	0	0	%100
35	M48A	X	0	0	0	%100
36	M48A	Z	0	0	0	%100
37	M49A	X	0	0	0	%100
38	M49A	Z	0	0	0	%100
39	M50	X	-.157	-.157	0	%100
40	M50	Z	-.272	-.272	0	%100
41	M51A	X	-.157	-.157	0	%100
42	M51A	Z	-.272	-.272	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	0	0	0	%100
45	M54A	X	0	0	0	%100
46	M54A	Z	0	0	0	%100
47	OVP2	X	-.232	-.232	0	%100
48	OVP2	Z	-.402	-.402	0	%100
49	M60A	X	-.105	-.105	0	%100
50	M60A	Z	-.183	-.183	0	%100
51	M63A	X	-.401	-.401	0	%100
52	M63A	Z	-.694	-.694	0	%100
53	M64	X	-.401	-.401	0	%100
54	M64	Z	-.694	-.694	0	%100
55	M72	X	-.024	-.024	0	%100
56	M72	Z	-.042	-.042	0	%100
57	M73	X	-.027	-.027	0	%100
58	M73	Z	-.047	-.047	0	%100
59	M74	X	0	0	0	%100
60	M74	Z	0	0	0	%100
61	M75	X	-.157	-.157	0	%100
62	M75	Z	-.272	-.272	0	%100
63	M77	X	-.367	-.367	0	%100
64	M77	Z	-.635	-.635	0	%100
65	M78	X	-.367	-.367	0	%100
66	M78	Z	-.635	-.635	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	MP4C	X	-.232	-.232	0	%100
70	MP4C	Z	-.402	-.402	0	%100
71	MP3C	X	-.232	-.232	0	%100
72	MP3C	Z	-.402	-.402	0	%100
73	MP2C	X	-.281	-.281	0	%100
74	MP2C	Z	-.487	-.487	0	%100
75	MP1C	X	-.232	-.232	0	%100
76	MP1C	Z	-.402	-.402	0	%100
77	M91	X	-.257	-.257	0	%100
78	M91	Z	-.445	-.445	0	%100
79	MP4B	X	-.232	-.232	0	%100
80	MP4B	Z	-.402	-.402	0	%100
81	MP3B	X	-.232	-.232	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,%]
82	MP3B	Z	-.402	-.402	0	%100
83	MP2B	X	-.281	-.281	0	%100
84	MP2B	Z	-.487	-.487	0	%100
85	MP1B	X	-.232	-.232	0	%100
86	MP1B	Z	-.402	-.402	0	%100
87	OVP1	X	-.212	-.212	0	%100
88	OVP1	Z	-.367	-.367	0	%100
89	M97	X	-.211	-.211	0	%100
90	M97	Z	-.365	-.365	0	%100
91	M102	X	0	0	0	%100
92	M102	Z	0	0	0	%100
93	M107	X	-.211	-.211	0	%100
94	M107	Z	-.365	-.365	0	%100
95	M118	X	0	0	0	%100
96	M118	Z	0	0	0	%100
97	M119	X	-.266	-.266	0	%100
98	M119	Z	-.46	-.46	0	%100
99	M120	X	-.266	-.266	0	%100
100	M120	Z	-.46	-.46	0	%100
101	M121	X	-.249	-.249	0	%100
102	M121	Z	-.431	-.431	0	%100
103	M123A	X	-.44	-.44	0	%100
104	M123A	Z	-.763	-.763	0	%100
105	M125	X	-.249	-.249	0	%100
106	M125	Z	-.431	-.431	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	M53	Y	-2.499	-2.499	0	1.438
2	M54	Y	-2.496	-2.496	.631	2.083
3	M62	Y	-.934	-2.533	0	.419
4	M62	Y	-2.533	-4.746	.419	.839
5	M62	Y	-4.746	-5.585	.839	1.258
6	M62	Y	-5.585	-2.546	1.258	1.678
7	M62	Y	-2.546	-.08	1.678	2.097
8	M63	Y	-1.123	-2.682	0	.612
9	M63	Y	-2.682	-4.757	.612	1.224
10	M63	Y	-4.757	-5.291	1.224	1.836
11	M63	Y	-5.291	-3.218	1.836	2.447
12	M63	Y	-3.218	-.592	2.447	3.059
13	M66	Y	-1.92	-1.632	0	.683
14	M66	Y	-1.632	-1.911	.683	1.367
15	M66	Y	-1.911	-1.845	1.367	2.05
16	M66	Y	-1.845	-1.555	2.05	2.733
17	M66	Y	-1.555	-1.951	2.733	3.417
18	M67	Y	-2.172	-1.745	0	.683
19	M67	Y	-1.745	-1.928	.683	1.367
20	M67	Y	-1.928	-1.91	1.367	2.05
21	M67	Y	-1.91	-1.659	2.05	2.733
22	M67	Y	-1.659	-1.986	2.733	3.417
23	M37	Y	-1.715	-1.715	0	.345
24	M38	Y	-3.013	-3.013	.169	.375
25	M39A	Y	-2.499	-2.499	0	1.438
26	M40A	Y	-2.496	-2.496	.631	2.083
27	M48A	Y	-.501	-3.096	0	.524
28	M48A	Y	-3.096	-5.297	.524	1.049

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M48A	Y	-5.297	-3.926	1.049	1.573
30	M48A	Y	-3.926	-.328	1.573	2.097
31	M49A	Y	-.586	-3.219	0	.612
32	M49A	Y	-3.219	-5.294	.612	1.224
33	M49A	Y	-5.294	-4.754	1.224	1.836
34	M49A	Y	-4.754	-2.681	1.836	2.447
35	M49A	Y	-2.681	-1.129	2.447	3.059
36	M50	Y	-1.92	-1.632	0	.683
37	M50	Y	-1.632	-1.909	.683	1.367
38	M50	Y	-1.909	-1.843	1.367	2.05
39	M50	Y	-1.843	-1.555	2.05	2.733
40	M50	Y	-1.555	-1.951	2.733	3.417
41	M51A	Y	-2.172	-1.745	0	.683
42	M51A	Y	-1.745	-1.931	.683	1.367
43	M51A	Y	-1.931	-1.912	1.367	2.05
44	M51A	Y	-1.912	-1.659	2.05	2.733
45	M51A	Y	-1.659	-1.986	2.733	3.417
46	M53A	Y	-1.715	-1.715	0	.345
47	M54A	Y	-3.013	-3.013	.169	.375
48	M63A	Y	-2.499	-2.499	0	1.438
49	M64	Y	-2.496	-2.496	.631	2.083
50	M72	Y	-.501	-3.095	0	.524
51	M72	Y	-3.095	-5.297	.524	1.049
52	M72	Y	-5.297	-3.926	1.049	1.573
53	M72	Y	-3.926	-.328	1.573	2.097
54	M73	Y	-.586	-3.219	0	.612
55	M73	Y	-3.219	-5.294	.612	1.224
56	M73	Y	-5.294	-4.754	1.224	1.836
57	M73	Y	-4.754	-2.681	1.836	2.447
58	M73	Y	-2.681	-1.129	2.447	3.059
59	M74	Y	-1.92	-1.632	0	.683
60	M74	Y	-1.632	-1.909	.683	1.367
61	M74	Y	-1.909	-1.843	1.367	2.05
62	M74	Y	-1.843	-1.555	2.05	2.733
63	M74	Y	-1.555	-1.951	2.733	3.417
64	M75	Y	-2.172	-1.745	0	.683
65	M75	Y	-1.745	-1.931	.683	1.367
66	M75	Y	-1.931	-1.912	1.367	2.05
67	M75	Y	-1.912	-1.659	2.05	2.733
68	M75	Y	-1.659	-1.986	2.733	3.417
69	M77	Y	-1.715	-1.715	0	.345
70	M78	Y	-3.013	-3.013	.169	.375

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	M53	Y	-4.763	-4.763	0	1.438
2	M54	Y	-4.758	-4.758	.631	2.083
3	M62	Y	-1.781	-4.828	0	.419
4	M62	Y	-4.828	-9.045	.419	.839
5	M62	Y	-9.045	-10.645	.839	1.258
6	M62	Y	-10.645	-4.853	1.258	1.678
7	M62	Y	-4.853	-.152	1.678	2.097
8	M63	Y	-2.14	-5.113	0	.612
9	M63	Y	-5.113	-9.066	.612	1.224
10	M63	Y	-9.066	-10.084	1.224	1.836
11	M63	Y	-10.084	-6.133	1.836	2.447

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,%]
12	M63	Y	-6.133	-1.128	2.447	3.059
13	M66	Y	-3.659	-3.111	0	.683
14	M66	Y	-3.111	-3.642	.683	1.367
15	M66	Y	-3.642	-3.516	1.367	2.05
16	M66	Y	-3.516	-2.964	2.05	2.733
17	M66	Y	-2.964	-3.719	2.733	3.417
18	M67	Y	-4.139	-3.326	0	.683
19	M67	Y	-3.326	-3.675	.683	1.367
20	M67	Y	-3.675	-3.64	1.367	2.05
21	M67	Y	-3.64	-3.161	2.05	2.733
22	M67	Y	-3.161	-3.786	2.733	3.417
23	M37	Y	-3.268	-3.268	0	.345
24	M38	Y	-5.743	-5.743	.169	.375
25	M39A	Y	-4.763	-4.763	0	1.438
26	M40A	Y	-4.758	-4.758	.631	2.083
27	M48A	Y	-.955	-5.9	0	.524
28	M48A	Y	-5.9	-10.096	.524	1.049
29	M48A	Y	-10.096	-7.483	1.049	1.573
30	M48A	Y	-7.483	-.624	1.573	2.097
31	M49A	Y	-1.117	-6.136	0	.612
32	M49A	Y	-6.136	-10.09	.612	1.224
33	M49A	Y	-10.09	-9.061	1.224	1.836
34	M49A	Y	-9.061	-5.109	1.836	2.447
35	M49A	Y	-5.109	-2.151	2.447	3.059
36	M50	Y	-3.659	-3.111	0	.683
37	M50	Y	-3.111	-3.638	.683	1.367
38	M50	Y	-3.638	-3.512	1.367	2.05
39	M50	Y	-3.512	-2.964	2.05	2.733
40	M50	Y	-2.964	-3.719	2.733	3.417
41	M51A	Y	-4.139	-3.326	0	.683
42	M51A	Y	-3.326	-3.679	.683	1.367
43	M51A	Y	-3.679	-3.644	1.367	2.05
44	M51A	Y	-3.644	-3.161	2.05	2.733
45	M51A	Y	-3.161	-3.786	2.733	3.417
46	M53A	Y	-3.268	-3.268	0	.345
47	M54A	Y	-5.743	-5.743	.169	.375
48	M63A	Y	-4.763	-4.763	0	1.438
49	M64	Y	-4.758	-4.758	.631	2.083
50	M72	Y	-.955	-5.9	0	.524
51	M72	Y	-5.9	-10.096	.524	1.049
52	M72	Y	-10.096	-7.483	1.049	1.573
53	M72	Y	-7.483	-.624	1.573	2.097
54	M73	Y	-1.117	-6.136	0	.612
55	M73	Y	-6.136	-10.09	.612	1.224
56	M73	Y	-10.09	-9.061	1.224	1.836
57	M73	Y	-9.061	-5.109	1.836	2.447
58	M73	Y	-5.109	-2.151	2.447	3.059
59	M74	Y	-3.659	-3.111	0	.683
60	M74	Y	-3.111	-3.638	.683	1.367
61	M74	Y	-3.638	-3.512	1.367	2.05
62	M74	Y	-3.512	-2.964	2.05	2.733
63	M74	Y	-2.964	-3.719	2.733	3.417
64	M75	Y	-4.139	-3.326	0	.683
65	M75	Y	-3.326	-3.68	.683	1.367
66	M75	Y	-3.68	-3.644	1.367	2.05
67	M75	Y	-3.644	-3.161	2.05	2.733
68	M75	Y	-3.161	-3.786	2.733	3.417

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,%]
69	M77	Y	-3.268	-3.268	0	.345
70	M78	Y	-5.743	-5.743	.169	.375

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	M53	Y	-.108	-.108	0	1.438
2	M54	Y	-.108	-.108	.631	2.083
3	M62	Y	-.04	-.11	0	.419
4	M62	Y	-.11	-.205	.419	.839
5	M62	Y	-.205	-.242	.839	1.258
6	M62	Y	-.242	-.11	1.258	1.678
7	M62	Y	-.11	-.003	1.678	2.097
8	M63	Y	-.049	-.116	0	.612
9	M63	Y	-.116	-.206	.612	1.224
10	M63	Y	-.206	-.229	1.224	1.836
11	M63	Y	-.229	-.139	1.836	2.447
12	M63	Y	-.139	-.026	2.447	3.059
13	M66	Y	-.083	-.071	0	.683
14	M66	Y	-.071	-.083	.683	1.367
15	M66	Y	-.083	-.08	1.367	2.05
16	M66	Y	-.08	-.067	2.05	2.733
17	M66	Y	-.067	-.084	2.733	3.417
18	M67	Y	-.094	-.076	0	.683
19	M67	Y	-.076	-.083	.683	1.367
20	M67	Y	-.083	-.083	1.367	2.05
21	M67	Y	-.083	-.072	2.05	2.733
22	M67	Y	-.072	-.086	2.733	3.417
23	M37	Y	-.074	-.074	0	.345
24	M38	Y	-.13	-.13	.169	.375
25	M39A	Y	-.108	-.108	0	1.438
26	M40A	Y	-.108	-.108	.631	2.083
27	M48A	Y	-.022	-.134	0	.524
28	M48A	Y	-.134	-.229	.524	1.049
29	M48A	Y	-.229	-.17	1.049	1.573
30	M48A	Y	-.17	-.014	1.573	2.097
31	M49A	Y	-.025	-.139	0	.612
32	M49A	Y	-.139	-.229	.612	1.224
33	M49A	Y	-.229	-.206	1.224	1.836
34	M49A	Y	-.206	-.116	1.836	2.447
35	M49A	Y	-.116	-.049	2.447	3.059
36	M50	Y	-.083	-.071	0	.683
37	M50	Y	-.071	-.083	.683	1.367
38	M50	Y	-.083	-.08	1.367	2.05
39	M50	Y	-.08	-.067	2.05	2.733
40	M50	Y	-.067	-.084	2.733	3.417
41	M51A	Y	-.094	-.076	0	.683
42	M51A	Y	-.076	-.084	.683	1.367
43	M51A	Y	-.084	-.083	1.367	2.05
44	M51A	Y	-.083	-.072	2.05	2.733
45	M51A	Y	-.072	-.086	2.733	3.417
46	M53A	Y	-.074	-.074	0	.345
47	M54A	Y	-.13	-.13	.169	.375
48	M63A	Y	-.108	-.108	0	1.438
49	M64	Y	-.108	-.108	.631	2.083
50	M72	Y	-.022	-.134	0	.524
51	M72	Y	-.134	-.229	.524	1.049

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	M72	Y	-.229	-.17	1.049	1.573
53	M72	Y	-.17	-.014	1.573	2.097
54	M73	Y	-.025	-.139	0	.612
55	M73	Y	-.139	-.229	.612	1.224
56	M73	Y	-.229	-.206	1.224	1.836
57	M73	Y	-.206	-.116	1.836	2.447
58	M73	Y	-.116	-.049	2.447	3.059
59	M74	Y	-.083	-.071	0	.683
60	M74	Y	-.071	-.083	.683	1.367
61	M74	Y	-.083	-.08	1.367	2.05
62	M74	Y	-.08	-.067	2.05	2.733
63	M74	Y	-.067	-.084	2.733	3.417
64	M75	Y	-.094	-.076	0	.683
65	M75	Y	-.076	-.084	.683	1.367
66	M75	Y	-.084	-.083	1.367	2.05
67	M75	Y	-.083	-.072	2.05	2.733
68	M75	Y	-.072	-.086	2.733	3.417
69	M77	Y	-.074	-.074	0	.345
70	M78	Y	-.13	-.13	.169	.375

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	M53	Z	-.271	-.271	0	1.438
2	M54	Z	-.27	-.27	.631	2.083
3	M62	Z	-.101	-.274	0	.419
4	M62	Z	-.274	-.514	.419	.839
5	M62	Z	-.514	-.605	.839	1.258
6	M62	Z	-.605	-.276	1.258	1.678
7	M62	Z	-.276	-.009	1.678	2.097
8	M63	Z	-.122	-.29	0	.612
9	M63	Z	-.29	-.515	.612	1.224
10	M63	Z	-.515	-.573	1.224	1.836
11	M63	Z	-.573	-.348	1.836	2.447
12	M63	Z	-.348	-.064	2.447	3.059
13	M66	Z	-.208	-.177	0	.683
14	M66	Z	-.177	-.207	.683	1.367
15	M66	Z	-.207	-.2	1.367	2.05
16	M66	Z	-.2	-.168	2.05	2.733
17	M66	Z	-.168	-.211	2.733	3.417
18	M67	Z	-.235	-.189	0	.683
19	M67	Z	-.189	-.209	.683	1.367
20	M67	Z	-.209	-.207	1.367	2.05
21	M67	Z	-.207	-.18	2.05	2.733
22	M67	Z	-.18	-.215	2.733	3.417
23	M37	Z	-.186	-.186	0	.345
24	M38	Z	-.326	-.326	.169	.375
25	M39A	Z	-.271	-.271	0	1.438
26	M40A	Z	-.27	-.27	.631	2.083
27	M48A	Z	-.054	-.335	0	.524
28	M48A	Z	-.335	-.574	.524	1.049
29	M48A	Z	-.574	-.425	1.049	1.573
30	M48A	Z	-.425	-.035	1.573	2.097
31	M49A	Z	-.063	-.349	0	.612
32	M49A	Z	-.349	-.573	.612	1.224
33	M49A	Z	-.573	-.515	1.224	1.836
34	M49A	Z	-.515	-.29	1.836	2.447

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,%]
35	M49A	Z	-.29	-.122	2.447	3.059
36	M50	Z	-.208	-.177	0	.683
37	M50	Z	-.177	-.207	.683	1.367
38	M50	Z	-.207	-.2	1.367	2.05
39	M50	Z	-.2	-.168	2.05	2.733
40	M50	Z	-.168	-.211	2.733	3.417
41	M51A	Z	-.235	-.189	0	.683
42	M51A	Z	-.189	-.209	.683	1.367
43	M51A	Z	-.209	-.207	1.367	2.05
44	M51A	Z	-.207	-.18	2.05	2.733
45	M51A	Z	-.18	-.215	2.733	3.417
46	M53A	Z	-.186	-.186	0	.345
47	M54A	Z	-.326	-.326	.169	.375
48	M63A	Z	-.271	-.271	0	1.438
49	M64	Z	-.27	-.27	.631	2.083
50	M72	Z	-.054	-.335	0	.524
51	M72	Z	-.335	-.574	.524	1.049
52	M72	Z	-.574	-.425	1.049	1.573
53	M72	Z	-.425	-.035	1.573	2.097
54	M73	Z	-.063	-.349	0	.612
55	M73	Z	-.349	-.573	.612	1.224
56	M73	Z	-.573	-.515	1.224	1.836
57	M73	Z	-.515	-.29	1.836	2.447
58	M73	Z	-.29	-.122	2.447	3.059
59	M74	Z	-.208	-.177	0	.683
60	M74	Z	-.177	-.207	.683	1.367
61	M74	Z	-.207	-.2	1.367	2.05
62	M74	Z	-.2	-.168	2.05	2.733
63	M74	Z	-.168	-.211	2.733	3.417
64	M75	Z	-.235	-.189	0	.683
65	M75	Z	-.189	-.209	.683	1.367
66	M75	Z	-.209	-.207	1.367	2.05
67	M75	Z	-.207	-.18	2.05	2.733
68	M75	Z	-.18	-.215	2.733	3.417
69	M77	Z	-.186	-.186	0	.345
70	M78	Z	-.326	-.326	.169	.375

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	M53	X	.271	.271	0	1.438
2	M54	X	.27	.27	.631	2.083
3	M62	X	.101	.274	0	.419
4	M62	X	.274	.514	.419	.839
5	M62	X	.514	.605	.839	1.258
6	M62	X	.605	.276	1.258	1.678
7	M62	X	.276	.009	1.678	2.097
8	M63	X	.122	.29	0	.612
9	M63	X	.29	.515	.612	1.224
10	M63	X	.515	.573	1.224	1.836
11	M63	X	.573	.348	1.836	2.447
12	M63	X	.348	.064	2.447	3.059
13	M66	X	.208	.177	0	.683
14	M66	X	.177	.207	.683	1.367
15	M66	X	.207	.2	1.367	2.05
16	M66	X	.2	.168	2.05	2.733
17	M66	X	.168	.211	2.733	3.417

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,%]
18	M67	X	.235	.189	0	.683
19	M67	X	.189	.209	.683	1.367
20	M67	X	.209	.207	1.367	2.05
21	M67	X	.207	.18	2.05	2.733
22	M67	X	.18	.215	2.733	3.417
23	M37	X	.186	.186	0	.345
24	M38	X	.326	.326	.169	.375
25	M39A	X	.271	.271	0	1.438
26	M40A	X	.27	.27	.631	2.083
27	M48A	X	.054	.335	0	.524
28	M48A	X	.335	.574	.524	1.049
29	M48A	X	.574	.425	1.049	1.573
30	M48A	X	.425	.035	1.573	2.097
31	M49A	X	.063	.349	0	.612
32	M49A	X	.349	.573	.612	1.224
33	M49A	X	.573	.515	1.224	1.836
34	M49A	X	.515	.29	1.836	2.447
35	M49A	X	.29	.122	2.447	3.059
36	M50	X	.208	.177	0	.683
37	M50	X	.177	.207	.683	1.367
38	M50	X	.207	.2	1.367	2.05
39	M50	X	.2	.168	2.05	2.733
40	M50	X	.168	.211	2.733	3.417
41	M51A	X	.235	.189	0	.683
42	M51A	X	.189	.209	.683	1.367
43	M51A	X	.209	.207	1.367	2.05
44	M51A	X	.207	.18	2.05	2.733
45	M51A	X	.18	.215	2.733	3.417
46	M53A	X	.186	.186	0	.345
47	M54A	X	.326	.326	.169	.375
48	M63A	X	.271	.271	0	1.438
49	M64	X	.27	.27	.631	2.083
50	M72	X	.054	.335	0	.524
51	M72	X	.335	.574	.524	1.049
52	M72	X	.574	.425	1.049	1.573
53	M72	X	.425	.035	1.573	2.097
54	M73	X	.063	.349	0	.612
55	M73	X	.349	.573	.612	1.224
56	M73	X	.573	.515	1.224	1.836
57	M73	X	.515	.29	1.836	2.447
58	M73	X	.29	.122	2.447	3.059
59	M74	X	.208	.177	0	.683
60	M74	X	.177	.207	.683	1.367
61	M74	X	.207	.2	1.367	2.05
62	M74	X	.2	.168	2.05	2.733
63	M74	X	.168	.211	2.733	3.417
64	M75	X	.235	.189	0	.683
65	M75	X	.189	.209	.683	1.367
66	M75	X	.209	.207	1.367	2.05
67	M75	X	.207	.18	2.05	2.733
68	M75	X	.18	.215	2.733	3.417
69	M77	X	.186	.186	0	.345
70	M78	X	.326	.326	.169	.375

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N76	N77	N80	N79	Y	Two Way	-.005
2	N86A	N87A	N90	N89	Y	Two Way	-.005
3	N119	N120	N123	N122	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N76	N77	N80	N79	Y	Two Way	-.01
2	N86A	N87A	N90	N89	Y	Two Way	-.01
3	N119	N120	N123	N122	Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N76	N77	N80	N79	Y	Two Way	-.000225
2	N86A	N87A	N90	N89	Y	Two Way	-.000225
3	N119	N120	N123	N122	Y	Two Way	-.000225

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N76	N77	N80	N79	Z	Two Way	-.000563
2	N86A	N87A	N90	N89	Z	Two Way	-.000563
3	N119	N120	N123	N122	Z	Two Way	-.000563

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N76	N77	N80	N79	X	Two Way	.000563
2	N86A	N87A	N90	N89	X	Two Way	.000563
3	N119	N120	N123	N122	X	Two Way	.000563

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

	Member	Shape	Code Check	L...	LC	Shear C...	Loc...			phi*P...	phi*P...	phi*M...	phi*M...	...	Eqn
1	MP1B	PIPE_2.0	.165	4....	8	.064	4.3...		10	14916..	32130	1.872	1.872	...	H1-1b
2	MP1A	PIPE_2.0	.163	4....	4	.064	4.3...		6	14916..	32130	1.872	1.872	...	H1-1b
3	MP1C	PIPE_2.0	.163	4....	12	.063	4.3...		8	14916..	32130	1.872	1.872	...	H1-1b
4	M77	L5X2.5X4	.106	0	11	.062	0	z	25	48491..	58725	1.432	6.347	...	H2-1
5	MP2B	PIPE_2.5	.176	4....	8	.061	4.4...		1	30038..	50715	3.596	3.596	...	H1-1b
6	MP2A	PIPE_2.5	.169	4....	3	.059	4.4...		5	30038..	50715	3.596	3.596	...	H1-1b
7	MP2C	PIPE_2.5	.167	4....	6	.059	4.4...		1	30038..	50715	3.596	3.596	...	H1-1b
8	MP4C	PIPE_2.0	.132	4....	6	.053	4.3...		8	14916..	32130	1.872	1.872	...	H1-1b
9	MP4B	PIPE_2.0	.129	4....	2	.053	4.3...		10	14916..	32130	1.872	1.872	...	H1-1b
10	MP4A	PIPE_2.0	.129	4....	10	.052	.898		6	14916..	32130	1.872	1.872	...	H1-1b
11	M97	PIPE_2.5	.106	7....	7	.051	10....		6	14558..	50715	3.596	3.596	...	H1-1b
12	M60A	HSS5X3...	.132	0	8	.049	0	y	44	16451..	169740	15.456	22.149	...	H1-1b
13	M91	PIPE_3.0	.092	7....	4	.049	8.7...		5	27936..	65205	5.749	5.749	...	H1-1b
14	M82	PIPE_3.0	.086	7....	8	.049	8.7...		9	27936..	65205	5.749	5.749	...	H1-1b
15	MP3A	PIPE_2.0	.197	4....	11	.049	2.6...		8	14916..	32130	1.872	1.872	...	H1-1b
16	M200	PIPE_3.0	.099	7....	40	.049	3.8...		7	27936..	65205	5.749	5.749	...	H1-1b
17	M107	PIPE_2.5	.102	2....	8	.048	10....		10	14558..	50715	3.596	3.596	...	H1-1b
18	MP3B	PIPE_2.0	.198	4....	3	.047	2.5...		12	14916..	32130	1.872	1.872	...	H1-1b
19	MP3C	PIPE_2.0	.197	4....	7	.047	2.5...		4	14916..	32130	1.872	1.872	...	H1-1b
20	M36A	HSS5X3...	.140	0	12	.046	0	z	12	16451..	169740	15.456	22.149	...	H1-1b
21	M102	PIPE_2.5	.110	2....	6	.046	10....		2	14558..	50715	3.596	3.596	...	H1-1b
22	M78	L5X2.5X4	.268	.3...	36	.040	.375	z	12	48491..	58725	1.162	5.154	...	H2-1

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

	Member	Shape	Code Check	L...	LC	Shear C...	Loc...		phi*P...	phi*P...	phi*M...	phi*M...		Eqn
23	M54A	L5X2.5X4	.153	3...	16	.040	.21	z	50	48491..	58725	1.162	5.154	...	H2-1
24	M37	L5X2.5X4	.110	0	7	.039	0	z	19	48491..	58725	1.432	6.347	...	H2-1
25	M53A	L5X2.5X4	.144	0	50	.039	0	z	15	48491..	58725	1.162	5.154	...	H2-1
26	M38	L5X2.5X4	.154	3...	20	.038	.375	z	8	48491..	58725	1.162	5.154	...	H2-1
27	M48	HSS5X3...	.131	0	4	.035	0	z	10	13302..	169740	15.456	22.149	...	H1-1b
28	M64	L5X4.75...	.040	2...	17	.033	2.0...	y	39	73926..	745200	51.498	58.353	...	H2-1
29	M63A	L5X4.75...	.045	0	12	.032	0	y	26	73926..	745200	51.498	58.353	...	H2-1
30	M40A	L5X4.75...	.041	2...	21	.025	2.0...	y	43	73926..	745200	51.498	58.353	...	H2-1
31	M54	L5X4.75...	.041	2...	13	.025	2.0...	y	23	73926..	745200	51.498	58.353	...	H2-1
32	M120	L3X3X4	.178	0	9	.018	0	z	9	42240..	46656	1.688	3.756	...	H2-1
33	M119	L3X3X4	.192	0	7	.017	0	z	7	42240..	46656	1.688	3.756	...	H2-1
34	M118	L3X3X4	.177	0	11	.017	0	z	5	42240..	46656	1.688	3.756	...	H2-1
35	M39A	L5X4.75...	.047	0	4	.013	0	y	48	73926..	745200	51.498	58.353	...	H2-1
36	M72	PL1/4x2	.102	1...	24	.013	1.0...	y	36	928.9...	16200	.084	.675	...	H1-1b
37	M74	L2.5x1.5...	.066	3...	35	.012	0	z	15	12998..	30682..	.461	1.597	...	H2-1
38	M50	L2.5x1.5...	.063	0	21	.012	0	z	19	12998..	30682..	.461	1.597	...	H2-1
39	M53	L5X4.75...	.046	0	8	.012	0	y	10	73926..	745200	51.498	58.353	...	H2-1
40	M66	L2.5x1.5...	.062	0	13	.012	0	z	23	12998..	30682..	.461	1.597	...	H2-1
41	M75	L2.5x1.5...	.090	0	36	.011	1.3...	y	36	12998..	30682..	.461	1.597	...	H2-1
42	M67	L2.5x1.5...	.061	0	8	.011	3.4...	z	16	12998..	30682..	.461	1.597	...	H2-1
43	M62	PL1/4x2	.097	1...	20	.011	1.0...	y	20	928.97	16200	.084	.675	...	H1-1b
44	OVP1	PIPE_2.0	.155	4	7	.011	4		7	26521..	32130	1.872	1.872	1	H1-1b
45	M51A	L2.5x1.5...	.061	0	4	.011	3.4...	z	23	12998..	30682..	.461	1.597	...	H2-1
46	OVP2	PIPE_2.0	.100	2...	7	.010	2.9...		7	23808..	32130	1.872	1.872	...	H1-1b
47	M48A	PL1/4x2	.095	1...	16	.010	1.0...	y	15	928.99	16200	.084	.675	...	H1-1b
48	M63	PL1/4x2	.136	1...	1	.005	1.53	y	8	436.5...	16200	.084	.675	...	H1-1..
49	M49A	PL1/4x2	.137	3...	9	.005	1.4...	y	3	436.5...	16200	.084	.675	...	H1-1..
50	M73	PL1/4x2	.135	3...	5	.005	1.4...	y	11	436.4...	16200	.084	.675	...	H1-1..
51	M125	LL3x3x3...	.081	4...	29	.003	4.7...	y	42	46444..	70632	6.362	3.751	1	H1-1..
52	M123A	LL3x3x3...	.078	4...	21	.003	4.7...	y	22	46444..	70632	6.362	3.751	1	H1-1..
53	M121	LL3x3x3...	.076	4...	13	.003	4.7...	y	22	46444..	70632	6.362	3.751	1	H1-1..

Envelope Joint Reactions

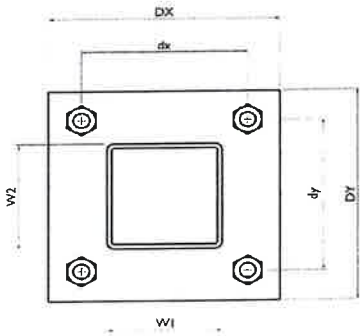
	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N67	max	914.965	10	933.235	19	3776.303	1	1.171	7	1.432	4	.278	10
2		min	-924.572	4	350.454	37	-1591.947	7	-.119	1	-1.404	10	-.185	4
3	N77A	max	3476.606	9	1049.636	15	736.413	3	.078	9	1.543	12	.032	9
4		min	-1514.176	3	393.286	9	-1877.078	9	-.528	39	-1.539	6	-1.092	3
5	N110	max	1432.827	11	1008.172	23	1073.345	12	.012	5	1.442	8	.911	11
6		min	-3330.884	5	336.032	5	-2147.435	6	-.923	47	-1.451	2	-.08	5
7	N228A	max	32.242	10	1744.707	13	-572.222	7	0	75	0	4	0	10
8		min	-32.227	4	328.101	7	-3085.569	13	0	1	0	10	0	4
9	N229A	max	-488.734	3	1772.579	21	1568.138	21	0	6	0	48	0	48
10		min	-2716.123	21	323.751	3	282.108	3	0	48	0	6	0	6
11	N230	max	2840.366	29	1824.447	29	1639.744	29	0	8	0	8	0	8
12		min	442.366	11	294.341	11	255.452	11	0	38	0	38	0	38
13	Totals:	max	3822.726	10	7712.614	18	3867.361	1						
14		min	-3822.726	4	3158.422	75	-3867.361	7						

VzW SMART Tool© Vendor

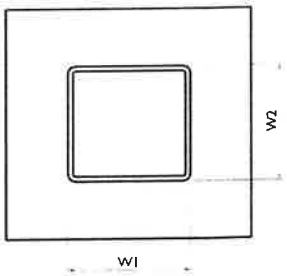
Client:	Verizon Wireless	Date:	7/20/2023
Site Name:	MERIDEN SE CT		
MDG #:	5000382428		
Fuze ID #:	17123794	Page:	1
			Version 1.01

I. Mount-to-Tower Connection Check

Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	7
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	7
Bolt Type:	A325N
Bolt Diameter (in):	0.75
Required Tensile Strength / bolt (kips):	2.1
Required Shear Strength / bolt (kips):	0.4
Tensile Capacity / bolt (kips):	29.8
Shear Capacity / bolt (kips):	17.9
Bolt Overall Utilization:	7.1%



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):	8.5
W2 (in):	1.5
Member Thickness (in):	0.3125
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.75
Length of Yield Line, L_y (in):	7.21
Bolt Eccentricity, e (in):	1.71
M_u (kip-in):	3.60
Phi*M_n (kip-in):	32.86
Plate Bending Utilization:	10.9%



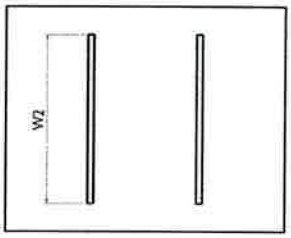
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/20/2023
Site Name:	MERIDEN SE CT		
PSLC #:	5000382428		
Fuze ID #:	17123794	Page:	2

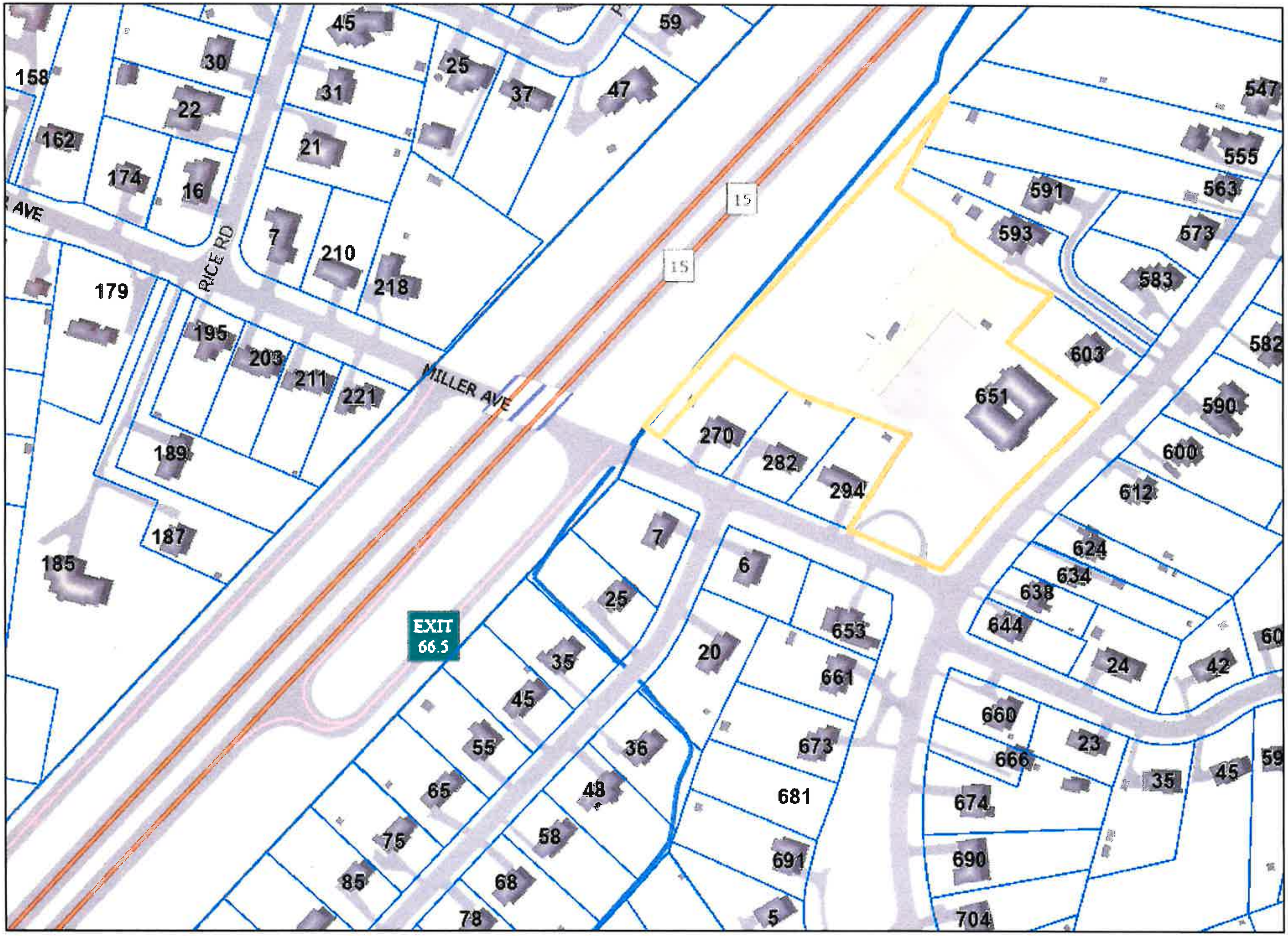
Version 1.01

Tower Connection Weld Checks

	Yes
Weld Shape:	Two Vertical Fillet Welds
Weld Stiffener Configuration:	None
Stiffener Notch Length, n (in):	
Weld Size (1/16 in):	3
W1 (in):	0.75
W2 (in):	10
Weld Total Length (in):	20.00
Z_x (in^3/in):	33.33
Z_y (in^3/in):	7.50
J_p (in^4/in):	169.48
c_x (in)	0.375
c_y (in)	5
Required combined strength (kip/in):	1.82
Weld Capacity (kip/in):	4.18
Weld Utilization:	**43.6%**



ATTACHMENT 4



CITY OF MERIDEN
GIS Services, MIS Department
142 East Main St. Meriden, CT
203.630.4189

Date: 8/7/2023

CITY OF MERIDEN, CT GIS

651 PADDOCK AVE

Absolute Scale: 1:2,400

Print Card

CITY OF MERIDEN

GIS Services

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PROPERTY INFORMATION

Location: **651 PADDOCK AVE** Map/Lot: 0906-098D-0020-0005

OWNER INFORMATION

Owner(s):
FIRST ASSEMBLY OF GOD CHURCH OF MERIDEN INC

Owner Address:
PO BOX 2777
MERIDEN, CT 06450

BUILDING INFORMATION

Card Number: 1

OVERVIEW	
Building ID	14581
Finished Area	14,480
Comm/Rental Units	1
Living Units	0
Building Type	Church
Year Built	1968
Effective Yr Built	
Building Number	1

INTERIOR DETAILS	
Rooms	
BedRooms	
Full Bath	0
Full Bath Rating	
Half Bath	0
Half Bath Rating	
Kitchens	0
Kitchen Rating	
Fireplaces	0

CONSTRUCTION DETAILS	
Exterior	Brick
Roof Structure	Gable
Roof Cover	Asphalt
Quality	C
Heat Fuel	Oil
Heat Type	Forced Air
Prcnt. Heated	100.00
Prcnt. AC	0.00
Stories	1 story
Foundation	Concrete

ATTACHMENT 5

Verizon/Meriden SE

UNITED STATES POSTAL SERVICE®

Certificate of Mailing — Firm

Name and Address of Sender	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here *Postmark with Date of Receipt.*
Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103	3	3	HOUSE STA AUG 17 2023 USPS neopost 08/17/2023 US POSTAGE $003.19⁰ ZIP 06103 041L12203937
	Postmaster, per *(name of receiving employee)*		

USPS® Tracking Number / Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Kevin Scarpati, Mayor City of Meriden 142 East Main Street Meriden, CT 06450				
2.	Monica Sims, Director of Planning and Enforcement City of Meriden 142 East Main Street Meriden, CT 06450				
3.	First Assembly Church of Meriden, Inc. PO Box 2777 Meriden, CT 06450				
4.					
5.					
6.					