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August 29, 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**
1662 Route 184 (Gold Star Highway), Groton, 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 February of 2007 (Docket No. 319). Cellco's shared use of the tower was approved by the Council in July of 2007 (Petition No. 822). A copy of the Docket No. 319 Decision and Order and the Petition No. 822 Staff Report are included in Attachment 1.

Cellco's proposed modification involves the installation of four (4) 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 Groton'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:
John Burt, Town Manager
Jonathan Reiner, AICP, Director of Planning
Chester Crouch, Jr., Property Owner
Alex Tyurin, Verizon Wireless

ATTACHMENT 1

DOCKET NO. 319 - Optasite, Inc. and New Cingular Wireless PCS, LLC application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility on one of two sites at 1662 Gold Star Memorial Highway (Route 184), Groton, Connecticut.	}	Connecticut Siting Council February 27, 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 Public Need, as provided by General Statutes § 16-50k, be issued to Optasite, Inc. and New Cingular Wireless PCS, LLC, hereinafter referred to as the Certificate Holder, for a telecommunications facility at Site B, located at 1662 Gold Star Memorial Highway, Groton, Connecticut. The Council denies certification of Site A, also located at 1662 Gold Star Memorial Highway, Groton, Connecticut.

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

1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of New Cingular Wireless PCS, LLC and other entities, both public and private, but such tower shall not exceed a height of 133 feet above ground level. The height at the top of the antennas shall not exceed 133 feet above ground level.

2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the Town of Groton for comment, and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
   a) a final site plan(s) of site development to include specifications for the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line, and 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.

3. The Certificate Holder shall construct a reduced size equipment compound.

4. The Certificate Holder shall conduct non-routine maintenance activities during the fall, winter and early spring and plant Connecticut-native evergreens around the perimeter of the compound to minimize potential impact to whip-poor-wills (*Caprimulgus vociferous*).

5. 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 if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.

6. 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.

7. 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.

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

9. 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.

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

11. 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.

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

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

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

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

The parties and intervenors to this proceeding are:

Applicant	**Representative**
Optasite, Inc.	Lucia Chiocchio, Esq, Cuddy & Feder, LLC
New Cingular Wireless PCS, LLC	

CERTIFICATION

The undersigned members of the Connecticut Siting Council (Council) hereby certify that they have heard this case, or read the record thereof, in **DOCKET NO. 319** - Optasite, Inc. and New Cingular Wireless PCS, LLC application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility on one of two sites at 1662 Gold Star Memorial Highway (Route 184), Groton, Connecticut, and voted as follows to approve the proposed Site B, located at 1662 Gold Star Memorial Highway (Route 184), Groton, Connecticut, and deny certification of the proposed Site A also located at 1662 Gold Star Memorial Highway (Route 184), Groton, Connecticut:

Council Members	Vote Cast
Daniel F. Caruso, Chairman	Yes
Colin C. Tait, Vice Chairman	Absent
Commissioner Donald W. Downes Designee: Gerald J. Heffernan	Absent
Commissioner Gina McCarthy Designee: Brian J. Emerick	Yes
Philip T. Ashton	Absent
Daniel P. Lynch, Jr.	Yes
James J. Murphy, Jr.	Yes
Dr. Barbara Currier Bell	Yes
Edward S. Wilensky	Yes

Dated at New Britain, Connecticut, February 27, 2007.

Petition No. 822
Cellco Partnership d/b/a Verizon Wireless
Groton, CT
Staff Report
July 26, 2007

On June 29, 2007, Cellco Partnership d/b/a Verizon Wireless (Verizon) submitted a petition (Petition) to the Connecticut Siting Council (Council) for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need (Certificate) is required to extend the height of the existing telecommunications tower at 1662 Gold Star Highway in Groton, Connecticut.

The Council granted a Certificate to Optasite Incorporated and New Cingular Wireless PCS, LLC (Cingular) on February 27, 2007 in Docket 319. The Certificate holders had applied for a 160-foot tower; however, the Council approved the construction of a 133-foot monopole since Cingular was the only carrier involved in the proceeding and needed a height of 130 feet above ground level. The additional three feet were to allow the tower to be extended in the future.

On April 10, 2007, the Council approved a Development and Management (D&M) plan for a 133 foot structure at the site. Due to the potential presence of the whip-poor-will, construction at the site should be from the end of May to early August. Cingular has installed antennas at the 130-foot level of the structure as approved by the Council in the D&M plan.

Verizon currently has coverage gaps along portions of I-95, near the Exit 88 interchange, Route 117, Route 184 and local roads at both cellular and PCS frequencies. Verizon would require a height of 148 feet above ground level (agl) to achieve adequate coverage from the tower. Verizon proposes to extend the tower by 17 feet to a total height of 150 feet agl. The tower was designed and constructed to accommodate a tower extension to 150 feet agl.

Verizon would install equipment within a 12 foot by 30 foot shelter located in the southeast corner of the existing compound. A diesel-powered back-up generator would be installed in a segregated generator room within Verizon's equipment shelter.

The existing 133-foot structure is visible year-round from approximately 24-acres within a two mile radius of the site. The proposed increase of the tower height to 150 feet agl would result in year-round visibility of the structure from approximately 41-acres within a two mile radius of the site.

With the installation of Verizon's antennas at the 148-foot level, the worst-case total power density level would be 18.33 % of the Federal Communications Commission standard.

The tower would not require Federal Aviation Administration marking or lighting.

On June 29, 2007, a copy of this petition was sent to Groton's Town Manager, Mark R. Oefinger, and the property owner, Chester G. Crouch. Verizon sent a notice of intent to file this petition to

all adjacent property owners on June 28, 2007. No comments from the town, the property owner or adjacent land owners have been received.

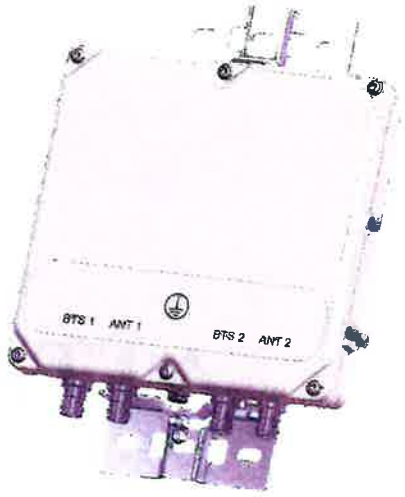
On July 24, 2007, Verizon sent a letter to Michael J. Murphy, AICP, Director of Planning and Zoning. The letter mentions a conversation between Verizon and Mr. Murphy on July 24, 2007 and includes a copy of the D&M plan that was approved by the Council.

ATTACHMENT 2

BSF0020F3V1-1

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

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



FEATURES

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

TECHNICAL SPECIFICATIONS

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

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

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

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

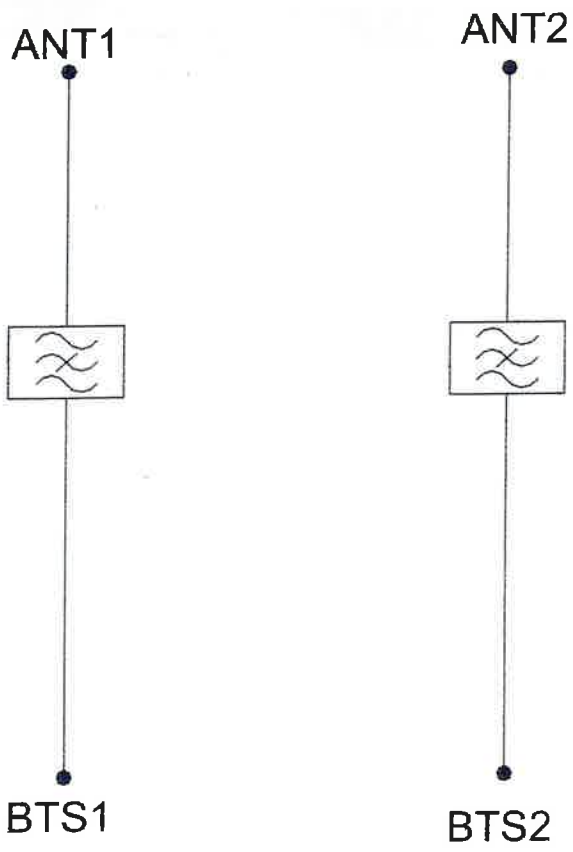
MECHANICAL	
Dimensions H x D x W	269 x 277 x 80mm | 10.60 x 10.90 x 3.15in (Excluding brackets and connectors)
Weight	8.0 kg | 17.6 lbs (no bracket)
Finish	Powder coated, light grey (RAL7035)
Connectors	RF: 4.3-10 (F) x 4
Mounting	Optional pole/wall bracket supplied with two metal clamps 45-178mm diameter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

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

ORDERING INFORMATION

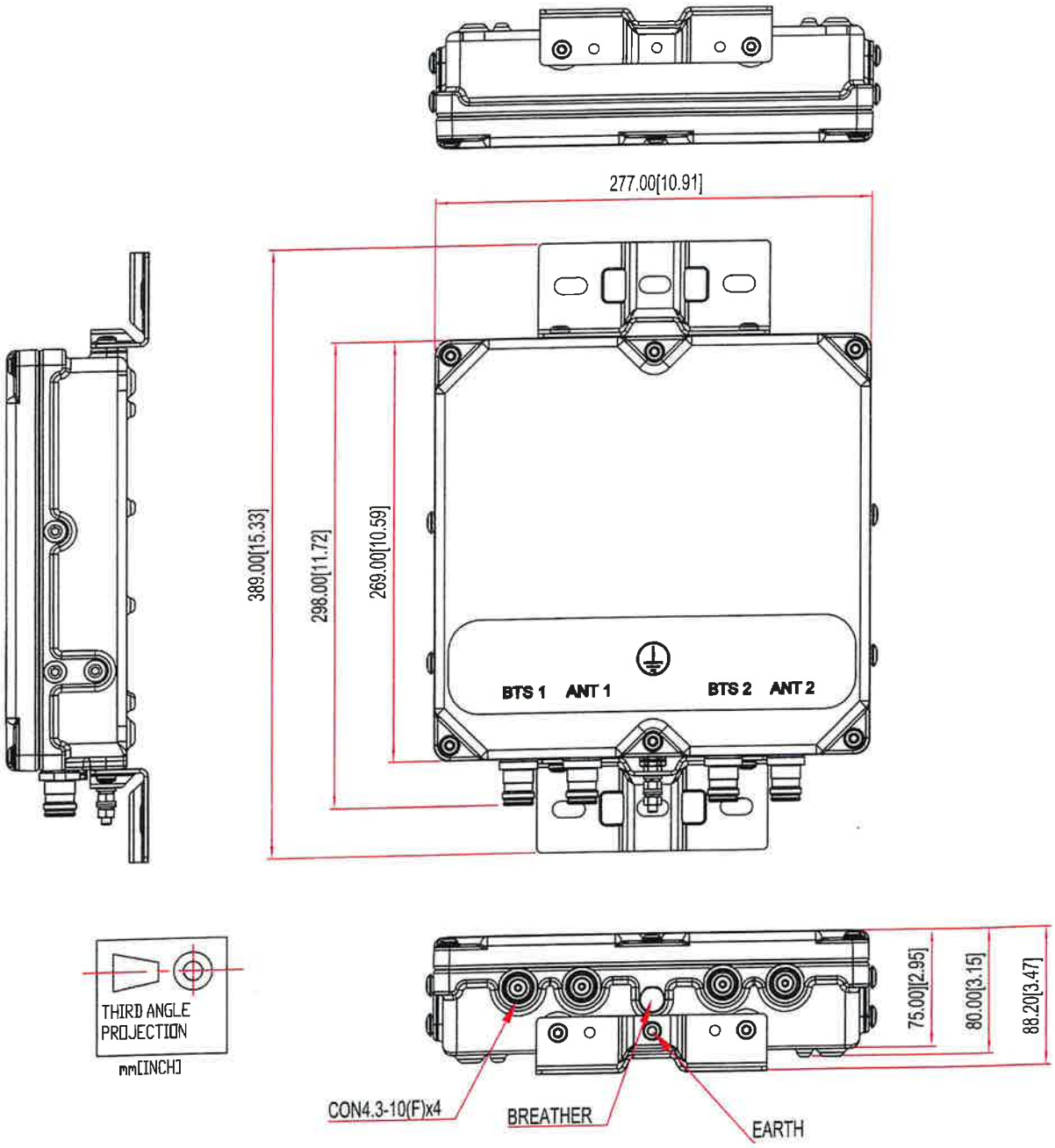
PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	CONNECTORS
BSF0020F3V1	TWIN, 2 in / 2 out	DC/AISG PASS NO BRACKET	4.3-10 (F)
BSF0020F3V1-1	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)
BSF0020F3V1-2	QUAD, 4 in / 4 out	DC/AISG PASS	4.3-10 (F)

ELECTRICAL BLOCK DIAGRAM



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

MECHANICAL BLOCK DIAGRAM



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

ATTACHMENT 3

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

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sbasite.com

Structural Analysis Report

Client: Verizon

Client Site ID / Name: 5000092653 / Groton 6 CT
Application #: 234551, v1

SBA Site ID / Name: CT13073-A / Groton North

150 ft Monopole

1662 Route 184
Groton, Connecticut 06340
Lat: 41.385666, Long: -72.013306

Project number: CT13073-VZW-081823

Analysis Results

Tower	75.5%	Pass
Foundation	60.2%	Pass

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

Prepared by:

Breann Parreira
Structural Engineer II
561-981-7388
BParreira@sbasite.com

Reviewed by:

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

August 18, 2023

08/18/23

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Structural Analysis Report

Client: Verizon

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1662 Route 184
Groton, Connecticut 06340
Lat: 41.385666, Long: -72.013306

Project number: CT13073-VZW-081823

Analysis Results

Tower	75.5%	Pass
Foundation	60.2%	Pass

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

Prepared by:

Breann Parreira
Structural Engineer II
561-981-7388
BParreira@sbasite.com

Reviewed by:

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

August 18, 2023

Table of Contents

Introduction

The purpose of this report is to summarize the analysis results on the 150 ft Monopole to support the proposed antennas and transmissions lines in addition to those currently installed.

Table 1 List of Documents Used

Item	Document
Tower design/drawings	Radian, File No. 060-3663 & 57974EH, Drawing No. A070130, dated March 16, 2007 Extension by Radian, Drawing No. B070646, dated September 25, 2007
Foundation drawings	Radian, File No. 060-3663 & 57974EH, Drawing No. A070131, dated March 16, 2007
Geotechnical report	Gemini Geotechnical Associates, Inc., Project No. 07022CT, dated March 13, 2007
Modification drawings	N/A
Mount Analysis	Colliers Engineering & Design, Project # 23777247, dated August 14, 2013
Latest SA	TES, Project #114951, dated September 2, 2021

Analysis Criteria

Table 2 Code Related Data

Jurisdiction (State/County/City)	Connecticut/New London/Groton
Governing Codes	ANSI/TIA/EIA 222-H, 2022 CSBC, 2021 IBC
Ultimate Wind Speed (3-Sec gust)	127.0 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	244 ft.
Seismic Parameter S_s	0.188
Seismic Parameter S_1	0.052

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

Mount Elev. (ft)	CL Elev. (ft)	Type	Qty	Manufacturer	Model	Feed Line Size	Mount Type Qty.	Carrier
149	149	Panel	3	Andrew	LNX-6512DS-A1M	(6) 1-5/8" (1) 1-5/8" 12x24 Hybrid	Low Profile Platform w/ Mods	Verizon
		Panel	6	JMA Wireless	MX06FR0660-02			
		Panel	3	Samsung	MT6407-77A			
		RRU	3	Samsung	RF4440d-13A			
		RRU	3	Samsung	RF4439d-25A			
		OVP	1	Raycap	RVDC-6627-PF-48			
139	139	Panel	3	Ericsson	Air 3246 B66	(4) 1-5/8" Fiber	Platform w/ Hand Rail [Sitepro1 RMQP-4096-HK]	T-Mobile
		Panel	3	RFS	APXVAARR24_43-U-NA2			
		Panel	3	Ericsson	AIR6449 B41			
		RRU	3	Ericsson	4449 B71 + B85			
		RRU	3	Ericsson	4424 B25			
		RRU	4	Ericsson	Radio 4415 B25			
128	128	Panel	3	Powerwave	7770.00A	(6) 1-5/8" (4) 3/4" DC Power (2) 5/16" Fiber	Low Profile Platform	AT&T
		Panel	1	CCI	HPA-65R-BU4AA			
		Panel	1	CCI	DMP65R-BU4DA			
		Panel	2	CCI	HPA-65R-BU8AA			
		Panel	2	CCI	DMP65R-BU8DA			
		RRU	3	Ericsson	4449 B5/B12			
		RRU	3	Ericsson	8843 B2/B66A			
		OVP	2	Raycap	DC6-48-60-18-8F			
117	117	Panel	3	JMA	MX08FRO665-21	(1) 1.6" Hybrid	Platform [Commscope MC-PK8-DSH]	Dish Wireless
		RRU	3	Fujitsu	TA08025-B605			
		RRU	3	Fujitsu	TA08025-B604			
		OVP	1	Raycap	RDIDC-9181-PF-48			

Note: AT&T loading includes FirstNET equipment

Proposed Loading:

Information pertaining to proposed antennas and transmission lines were based upon the Application #: 234551, v1 from Verizon and is listed in Table 4.

Table 4 Proposed Appurtenances

Mount Elev. (ft)	CL Elev. (ft)	Type	Qty	Manufacturer	Model	Feed Line Size	Mount Type Qty.	Carrier
149	149	Panel	3	Andrew	LNX-6512DS-A1M	(6) 1-5/8" (1) 1-5/8" 12x24 Hybrid	Low Profile Platform w/ Mods	Verizon
		Panel	6	JMA Wireless	MX06FR0660-02			
		Panel	3	Samsung	MT6407-77A			
		RRU	3	Samsung	RF4440d-13A			
		RRU	3	Samsung	RF4439d-25A			
		OVP	1	Raycap	RVDC-6627-PF-48			
		Filter	4	Kaelus	KA-603-			

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	Flange
Max. Usage:	46.2%	59.3%	75.5%	51.7%
Pass/Fail	Pass	Pass	Pass	Pass

Foundation

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

Table 6 Foundation Reaction Comparison Summary

Structural Component	Max Usage (%)	Analysis Result
Foundation	60.2%	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

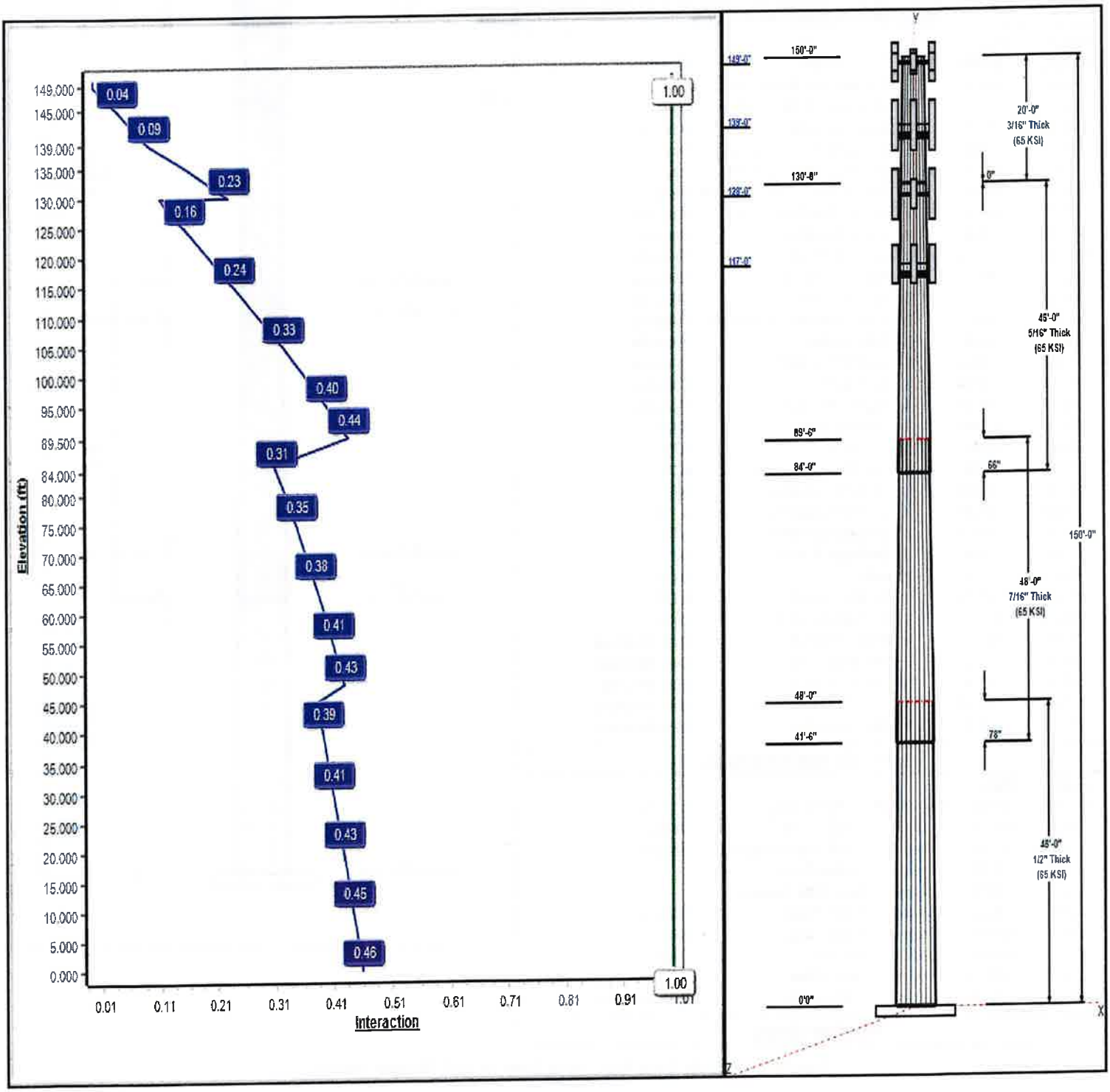
Usage Diagram - Max Ratio 46.16% at 0.0ft

Structure:	CT13073-A	**Code:**	EIA/TIA-222-H	8/18/2023
Site Name:	Groton North	**Exposure:**	B	
Height:	150.00 (ft)	**Gh:**	1.1	
Base Elev:	0.000 (ft)			Page: 1

SBA

Dead Load Factor:	1.20	**Iterations:**	21
Wind Load Factor:	1.00		

Load Case : 1.2D + 1.0W 127 mph Wind



Structure: CT13073-A

Type: Custom
Site Name: Groton North
Height: 150.00 (ft)
Base Elev: 0.00 (ft)

Base Shape: 18 Sided
Taper: 0.20967

8/18/2023

Shaft Properties

Seq	Length (ft)	Top (in)	Bottom (in)	Thick (in)	Joint Type	Taper	Grade (ksi)
1	48.00	49.94	60.00	0.500		0.20967	65
2	48.00	42.11	52.17	0.438	Slip	0.20967	65
3	46.00	34.24	43.89	0.313	Slip	0.20967	65
4	20.00	30.00	34.24	0.188	Butt	0.21215	65

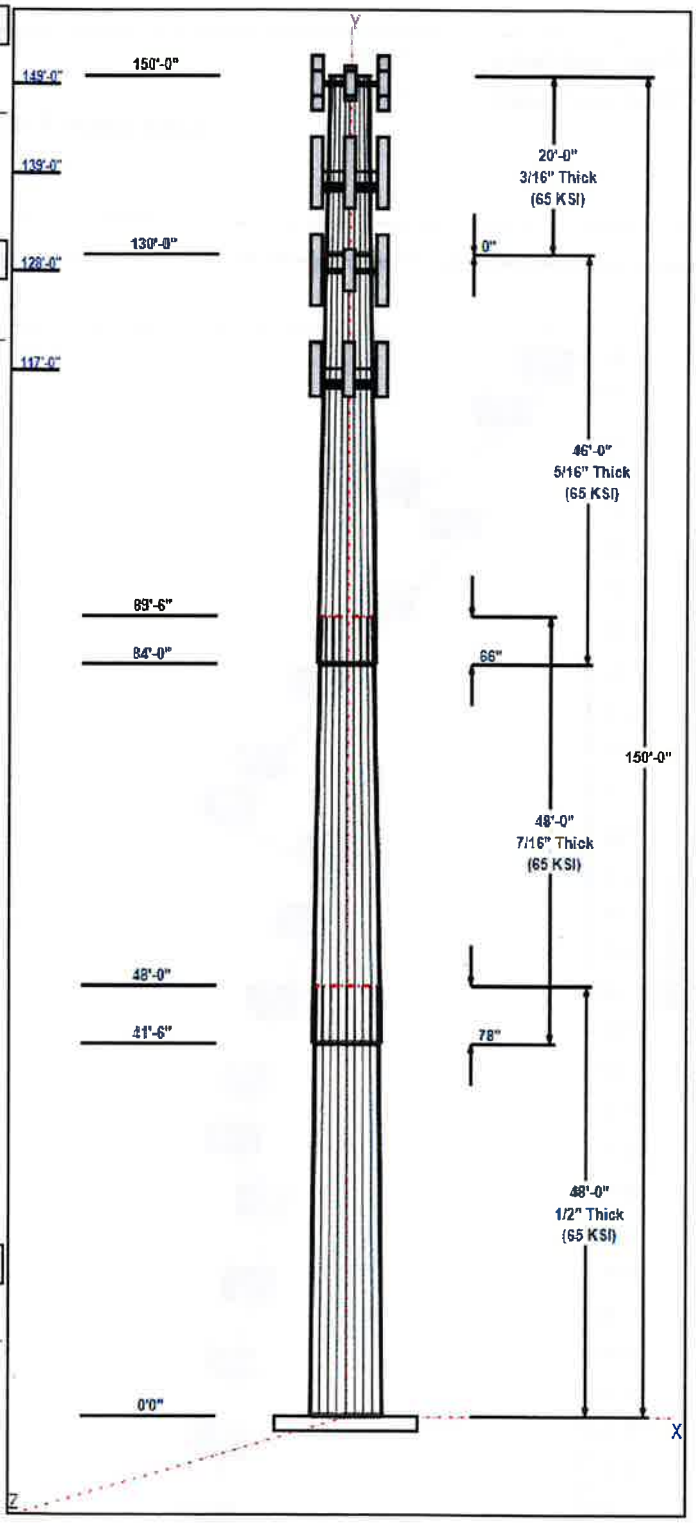
Discrete Appurtenances

Attach Elev (ft)	Force Elev (ft)	Qty	Description	Carrier
149.00	149.00	3	Andrew LNX-6512DS-A1M	Verizon
149.00	149.00	6	JMA MX06FR0660-02	Verizon
149.00	149.00	3	Samsung MT6407-77A	Verizon
149.00	149.00	3	Samsung RF4440d-13A	Verizon
149.00	149.00	3	Samsung RF4439d-25A	Verizon
149.00	149.00	1	Raycap RVDC-6627-PF-48	Verizon
149.00	149.00	1	Low Profile Platform w/	Verizon
149.00	149.00	4	Kaelus KA-603-	Verizon
139.00	139.00	12	Antenna Pipes	T-Mobile
139.00	139.00	1	RMQP-4096-HK	T-Mobile
139.00	139.00	3	Air 3246 B66	T-Mobile
139.00	139.00	3	APXVAARR24_43-U-NA2	T-Mobile
139.00	139.00	3	AIR6449 B41	T-Mobile
139.00	139.00	3	4449 B71 + B85	T-Mobile
139.00	139.00	3	4424 B25	T-Mobile
139.00	139.00	4	Radio 4415 B25	T-Mobile
128.00	128.00	9	Antenna Pipes	AT&T
128.00	128.00	3	7770.00A	AT&T
128.00	128.00	1	Low Profile Platform	AT&T
128.00	128.00	1	HPA-65R-BU4AA	AT&T
128.00	128.00	1	DMP65R-BU4DA	AT&T
128.00	128.00	2	HPA-65R-BU8AA	AT&T
128.00	128.00	2	DMP65R-BU8DA	AT&T
128.00	128.00	3	4449	AT&T
128.00	128.00	3	B2 B66A 8843	AT&T
128.00	128.00	2	DC6-48-60-18-8F	AT&T
117.00	117.00	3	MX08FRO665-21	Dish Wireless
117.00	117.00	3	TA08025-B605	Dish Wireless
117.00	117.00	3	TA08025-B604	Dish Wireless
117.00	117.00	1	RDIDC-9181-PF-48	Dish Wireless
117.00	117.00	1	MC-PK8-DSH	Dish Wireless

Linear Appurtenances

Elev From (ft)	Elev To (ft)	Placement	Description	Carrier
0.00	149.00	Inside	1 5/8" Coax	Verizon
0.00	149.00	Inside	1-5/8" 12x24 Hybrid	Verizon
0.00	149.00	Inside	Safety Cable	
0.00	149.00	Inside	Step bolts (ladder)	
0.00	139.00	Inside	1 5/8" Fiber	T-Mobile
0.00	128.00	Inside	1 5/8" Coax	AT&T
0.00	128.00	Inside	3/4" DC	AT&T
0.00	128.00	Inside	5/16" Fiber	AT&T
0.00	117.00	Inside	1.6" Hybrid	Dish Wireless

Anchor Bolts



Qty	Specifications	Grade (ksi)	Arrangement
34	1.5" F1554 105	105.0	Radial

Base Plate

Thickness (in)	Specifications (in)	Grade (ksi)	Geometry
1.7500	69.5	50.0	Round

Reactions

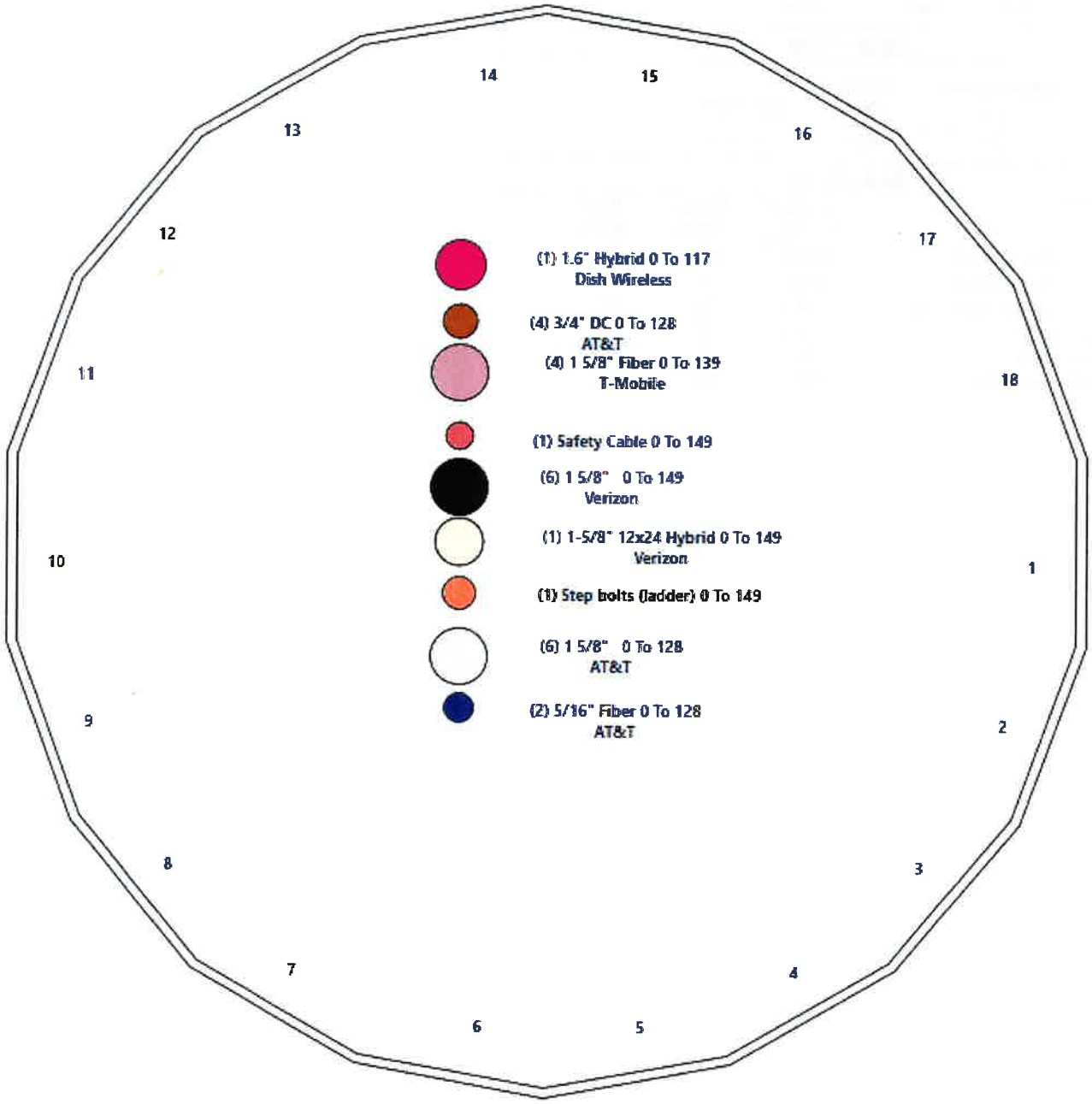
Load Case	Moment (FT-Kips)	Shear (Kips)	Axial (Kips)
1.2D + 1.0W 127 mph Wind	3678.0	33.1	58.0
0.9D + 1.0W 127 mph Wind	3649.7	33.1	43.5
1.2D + 1.0Di + 1.0Wi 50 mph Wind	823.7	7.6	75.7
1.2D + 1.0Ev + 1.0Eh	134.2	1.0	60.0
0.9D + 1.0Ev + 1.0Eh	133.3	1.0	45.4
1.0D + 1.0W 60 mph Wind	731.0	6.6	48.4

Structure: CT13073-A - Coax Line Placement

Type: Monopole
Site Name: Groton North
Height: 150.00 (ft)

8/18/2023

SBA



Shaft Properties

Structure:	CT13073-A		**Code:**	TIA-222-H	8/18/2023
Site Name:	Groton North		**Exposure:**	B	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 1

Sec. No.	Shape	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Overlap (in)	Weight (lb)
1	18	48.000	0.5000	65		0.00	14,118
2	18	48.000	0.4375	65	Slip	78.00	10,593
3	18	46.000	0.3125	65	Slip	66.00	6,016
4	18	20.000	0.1875	65	Flange	0.00	1,293
					Total Shaft Weight:		**32,020**

	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	60.00	0.00	94.42	42234.30	19.75	120.00	49.94	48.00	78.45	24223.7	16.20	99.87	0.209669
2	52.17	41.50	71.84	24294.43	19.62	119.25	42.11	89.50	57.86	12695.7	15.56	96.25	0.209669
3	43.89	84.00	43.22	10368.48	23.35	140.44	34.24	130.00	33.65	4895.14	17.91	109.5	0.209669
4	34.24	130.0	20.27	2969.66	30.79	182.63	30.00	150.00	17.74	1992.24	26.80	160.0	0.212150

Load Summary

Structure:	CT13073-A		**Code:**	TIA-222-H	8/18/2023
Site Name:	Groton North		**Exposure:**	B	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 2

Discrete Appurtenances

No.	Elev (ft)	Description	Qty	No Ice Weight (lb)	No Ice CaAa (sf)	No Ice CaAa Factor	Ice Weight (lb)	Ice CaAa (sf)	Ice CaAa Factor	Hor. Ecc. (ft)	Vert Ecc (ft)
1	149.00	Andrew LNX-6512DS-A1M	3	28.70	5.09	0.83	113.99	5.729	0.84	0.00	0.00
2	149.00	JMA MX06FR0660-02	6	57.00	9.87	0.87	223.72	10.761	0.88	0.00	0.00
3	149.00	Samsung MT6407-77A	3	79.04	4.69	0.70	153.66	5.290	0.71	0.00	0.00
4	149.00	Samsung RF4440d-13A	3	70.33	1.87	0.88	103.07	2.232	0.80	0.00	0.00
5	149.00	Samsung RF4439d-25A	3	74.70	1.87	0.88	108.36	2.232	0.80	0.00	0.00
6	149.00	Raycap RVDC-6627-PF-48	1	32.00	3.79	1.00	99.83	4.317	1.00	0.00	0.00
7	149.00	Low Profile Platform w/ Mods	1	2258.11	43.70	1.00	3570.86	67.073	1.00	0.00	0.00
8	149.00	Kaelus KA-603-	4	17.60	0.96	0.82	33.09	1.225	0.84	0.00	0.00
9	139.00	Antenna Pipes	12	48.64	1.90	1.00	89.08	2.339	1.00	0.00	0.00
10	139.00	RMQP-4096-HK	1	1945.00	33.24	1.00	3292.48	49.513	1.00	0.00	0.00
11	139.00	Air 3246 B66	3	180.00	7.94	0.83	313.35	8.721	0.85	0.00	0.00
12	139.00	APXVAARR24_43-U-NA2	3	128.00	20.24	0.70	392.71	21.481	0.72	0.00	0.00
13	139.00	AIR6449 B41	3	103.00	5.65	0.71	193.72	6.279	0.73	0.00	0.00
14	139.00	4449 B71 + B85	3	73.20	1.97	0.67	111.40	2.347	0.67	0.00	0.00
15	139.00	4424 B25	3	88.00	2.05	0.67	140.86	2.432	0.67	0.00	0.00
16	139.00	Radio 4415 B25	4	46.00	1.64	0.67	73.19	1.981	0.67	0.00	0.00
17	128.00	Antenna Pipes	9	48.64	1.90	1.00	88.74	2.335	1.00	0.00	0.00
18	128.00	7770.00A	3	27.00	5.54	0.72	102.00	6.941	0.74	0.00	0.00
19	128.00	Low Profile Platform	1	1600.00	26.56	1.00	2516.14	40.551	1.00	0.00	0.00
20	128.00	HPA-65R-BU4AA	1	28.70	4.92	0.94	90.91	5.542	0.96	0.00	0.00
21	128.00	DMP65R-BU4DA	1	69.70	8.28	0.99	219.99	8.737	0.99	0.00	0.00
22	128.00	HPA-65R-BU8AA	2	54.00	11.23	0.86	218.11	12.327	0.88	0.00	0.00
23	128.00	DMP65R-BU8DA	2	95.70	17.87	0.72	328.65	19.221	0.74	0.00	0.00
24	128.00	4449	3	70.00	1.65	0.67	110.93	1.990	0.67	0.00	0.00
25	128.00	B2 B66A 8843	3	70.00	1.64	0.67	100.17	1.979	0.67	0.00	0.00
26	128.00	DC6-48-60-18-8F	2	31.80	0.92	1.00	72.37	1.207	1.00	0.00	0.00
27	117.00	MX08FRO665-21	3	64.50	12.49	0.74	253.66	13.443	0.74	0.00	0.00
28	117.00	TA08025-B605	3	75.00	1.96	0.67	109.01	2.325	0.67	0.00	0.00
29	117.00	TA08025-B604	3	63.90	1.96	0.67	96.82	2.325	0.67	0.00	0.00
30	117.00	RDIDC-9181-PF-48	1	21.90	2.01	0.50	56.53	2.380	0.50	0.00	0.00
31	117.00	MC-PK8-DSH	1	1727.00	33.68	1.00	2824.61	61.202	1.00	0.00	0.00
		Totals:	**94**	**13,249.36**			**24,755.87**				

Linear Appurtenances

Bottom Elev. (ft)	Top Elev. (ft)	Description	Exposed Width	Exposed
0.00	149.00	(6) 1 5/8" Coax	0.00	Inside
0.00	149.00	(1) 1-5/8" 12x24 Hybrid	0.00	Inside
0.00	149.00	(1) Safety Cable	0.38	Outside
0.00	149.00	(1) Step bolts (ladder)	0.63	Outside
0.00	139.00	(4) 1 5/8" Fiber	0.00	Inside
0.00	128.00	(6) 1 5/8" Coax	0.00	Inside
0.00	128.00	(4) 3/4" DC	0.00	Inside
0.00	128.00	(2) 5/16" Fiber	0.00	Inside
0.00	117.00	(1) 1.6" Hybrid	0.00	Inside

Discrete Appurtenances

No.	Elev (ft)	Description	Qty	No Ice Weight (lb)	No Ice CaAa (sf)	No Ice CaAa Factor	Ice Weight (lb)	Ice CaAa (sf)	Ice CaAa Factor	Hor. Ecc. (ft)	Vert Ecc (ft)

Shaft Section Properties

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 4	

Increment Length: 5 (ft)

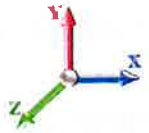
Elev (ft)	Description	Thick (in)	Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fpy (ksi)	S (in^3)	Weight (lb)
0.00		0.5000	60.000	94.423	42234.3	19.75	120.00	78.2	1386.	0.0
5.00		0.5000	58.952	92.759	40041.0	19.38	117.90	78.6	1337.	1592.4
10.00		0.5000	57.903	91.096	37925.0	19.01	115.81	79.0	1290.	1564.0
15.00		0.5000	56.855	89.432	35884.8	18.64	113.71	79.5	1243.	1535.7
20.00		0.5000	55.807	87.768	33919.2	18.27	111.61	79.9	1197.	1507.4
25.00		0.5000	54.758	86.105	32026.7	17.90	109.52	80.3	1152.	1479.1
30.00		0.5000	53.710	84.441	30205.9	17.53	107.42	80.8	1107.	1450.8
35.00		0.5000	52.662	82.777	28455.5	17.16	105.32	81.2	1064.	1422.5
40.00		0.5000	51.613	81.114	26774.1	16.79	103.23	81.7	1021.	1394.2
41.50	Bot - Section 2	0.5000	51.299	80.615	26282.9	16.68	102.60	81.8	1009.	412.7
45.00		0.5000	50.565	79.450	25160.2	16.42	101.13	82.1	980.0	1802.7
48.00	Top - Section 1	0.4375	50.811	69.947	22424.6	19.07	116.14	0.0	0.0	1524.5
50.00		0.4375	50.392	69.365	21869.3	18.90	115.18	79.2	854.8	474.0
55.00		0.4375	49.343	67.909	20521.1	18.48	112.78	79.7	819.1	1167.8
60.00		0.4375	48.295	66.454	19229.5	18.05	110.39	80.2	784.2	1143.0
65.00		0.4375	47.247	64.998	17993.3	17.63	107.99	80.7	750.1	1118.2
70.00		0.4375	46.198	63.542	16811.2	17.21	105.60	81.2	716.7	1093.5
75.00		0.4375	45.150	62.086	15682.1	16.79	103.20	81.7	684.1	1068.7
80.00		0.4375	44.101	60.631	14604.7	16.36	100.80	82.2	652.3	1043.9
84.00	Bot - Section 3	0.4375	43.263	59.466	13779.2	16.03	98.89	82.5	627.3	817.3
85.00		0.4375	43.053	59.175	13577.8	15.94	98.41	82.5	621.2	348.6
89.50	Top - Section 2	0.3125	42.735	42.076	9566.9	22.70	136.75	0.0	0.0	1547.5
90.00		0.3125	42.630	41.972	9496.1	22.64	136.42	74.8	438.7	71.5
95.00		0.3125	41.581	40.932	8807.7	22.05	133.06	75.5	417.2	705.3
100.00		0.3125	40.533	39.892	8153.4	21.46	129.71	76.2	396.2	687.6
105.00		0.3125	39.485	38.853	7532.3	20.87	126.35	76.9	375.7	669.9
110.00		0.3125	38.436	37.813	6943.6	20.28	123.00	77.6	355.8	652.2
115.00		0.3125	37.388	36.773	6386.4	19.69	119.64	78.2	336.4	634.5
117.00		0.3125	36.969	36.357	6172.2	19.45	118.30	78.5	328.8	248.8
120.00		0.3125	36.340	35.733	5859.8	19.09	116.29	78.9	317.6	368.0
125.00		0.3125	35.291	34.693	5363.0	18.50	112.93	79.6	299.3	599.1
128.00		0.3125	34.662	34.070	5078.9	18.15	110.92	80.1	288.6	351.0
130.00	Top - Section 3	0.3125	34.243	33.654	4895.1	17.91	109.58	80.3	281.6	230.4
130.00	Bot - Section 4	0.1875	34.243	20.267	2969.7	29.85	182.63	65.2	170.8	
135.00		0.1875	33.182	19.635	2700.7	29.79	176.97	66.4	160.3	339.4
139.00		0.1875	32.334	19.130	2497.7	29.00	172.45	67.3	152.1	263.8
140.00		0.1875	32.122	19.004	2448.5	28.80	171.31	67.5	150.1	64.9
145.00		0.1875	31.061	18.373	2212.5	27.80	165.66	68.7	140.3	318.0
149.00		0.1875	30.212	17.868	2035.1	27.00	161.13	69.6	132.7	246.6
150.00		0.1875	30.000	17.742	1992.2	26.80	160.00	69.9	130.8	60.6
										32020.4

Wind Loading - Shaft

Structure: CT13073-A
Site Name: Groton North
Height: 150.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 8/18/2023
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

Load Case: 1.2D + 1.0W 127 mph Wind
Dead Load Factor 1.20
Wind Load Factor 1.00



Iterations 21

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	27.216	29.94	537.09	0.730	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.70	27.216	29.94	527.71	0.730	0.000	5.00	25.164	18.37	549.9	0.0	1910.8
10.00		1.00	0.70	27.216	29.94	518.33	0.730	0.000	5.00	24.720	18.05	540.3	0.0	1876.9
15.00		1.00	0.70	27.216	29.94	508.94	0.730	0.000	5.00	24.277	17.72	530.6	0.0	1842.9
20.00		1.00	0.70	27.216	29.94	499.56	0.730	0.000	5.00	23.833	17.40	520.9	0.0	1808.9
25.00		1.00	0.70	27.216	29.94	490.17	0.730	0.000	5.00	23.390	17.07	511.2	0.0	1775.0
30.00		1.00	0.70	27.239	29.96	480.99	0.730	0.000	5.00	22.946	16.75	501.9	0.0	1741.0
35.00		1.00	0.73	28.466	31.31	482.10	0.730	0.000	5.00	22.503	16.43	514.4	0.0	1707.0
40.00		1.00	0.76	29.573	32.53	481.61	0.730	0.000	5.00	22.059	16.10	523.8	0.0	1673.1
41.50	Bot - Section 2	1.00	0.77	29.885	32.87	481.20	0.730	0.000	1.50	6.531	4.77	156.7	0.0	495.3
45.00		1.00	0.79	30.585	33.64	479.83	0.730	0.000	3.50	15.343	11.20	376.8	0.0	2163.2
48.00	Top - Section 1	1.00	0.80	31.154	34.27	478.25	0.730	0.000	3.00	12.979	9.47	324.7	0.0	1829.4
50.00		1.00	0.81	31.520	34.67	485.44	0.730	0.000	2.00	8.564	6.25	216.7	0.0	568.9
55.00		1.00	0.83	32.390	35.63	481.85	0.730	0.000	5.00	21.099	15.40	548.8	0.0	1401.3
60.00		1.00	0.85	33.205	36.53	477.52	0.730	0.000	5.00	20.655	15.08	550.7	0.0	1371.6
65.00		1.00	0.87	33.973	37.37	472.52	0.730	0.000	5.00	20.212	14.75	551.4	0.0	1341.9
70.00		1.00	0.89	34.700	38.17	466.96	0.730	0.000	5.00	19.768	14.43	550.8	0.0	1312.2
75.00		1.00	0.91	35.391	38.93	460.88	0.730	0.000	5.00	19.324	14.11	549.2	0.0	1282.5
80.00		1.00	0.93	36.050	39.65	454.35	0.730	0.000	5.00	18.881	13.78	546.6	0.0	1252.7
84.00	Bot - Section 3	1.00	0.94	36.556	40.21	448.83	0.730	0.000	4.00	14.785	10.79	434.0	0.0	980.8
85.00		1.00	0.94	36.679	40.35	447.41	0.730	0.000	1.00	3.705	2.70	109.1	0.0	418.3
89.50	Top - Section 2	1.00	0.96	37.224	40.95	440.84	0.730	0.000	4.50	16.452	12.01	491.8	0.0	1857.0
90.00		1.00	0.96	37.283	41.01	446.64	0.730	0.000	0.50	1.806	1.32	54.1	0.0	85.8
95.00		1.00	0.97	37.864	41.65	439.03	0.730	0.000	5.00	17.815	13.00	541.6	0.0	846.3
100.00		1.00	0.99	38.423	42.27	431.11	0.730	0.000	5.00	17.371	12.68	536.0	0.0	825.1
105.00		1.00	1.00	38.962	42.86	422.90	0.730	0.000	5.00	16.928	12.36	529.6	0.0	803.9
110.00		1.00	1.02	39.484	43.43	414.42	0.730	0.000	5.00	16.484	12.03	522.6	0.0	782.6
115.00		1.00	1.03	39.988	43.99	405.68	0.730	0.000	5.00	16.040	11.71	515.1	0.0	761.4
117.00	Appurtenance(s)	1.00	1.03	40.186	44.20	402.12	0.730	0.000	2.00	6.292	4.59	203.0	0.0	298.6
120.00		1.00	1.04	40.477	44.53	396.71	0.730	0.000	3.00	9.305	6.79	302.4	0.0	441.6
125.00		1.00	1.05	40.952	45.05	387.52	0.730	0.000	5.00	15.153	11.06	498.3	0.0	718.9
128.00	Appurtenance(s)	1.00	1.06	41.231	45.35	381.90	0.730	0.000	3.00	8.879	6.48	294.0	0.0	421.2
130.00	Top - Section 3	1.00	1.07	41.414	45.56	378.12	0.730	0.000	2.00	5.831	4.26	193.9	0.0	276.5
135.00		1.00	1.08	41.863	46.05	368.39	0.730	0.000	5.00	14.264	10.41	479.5	0.0	407.3
139.00	Appurtenance(s)	1.00	1.09	42.213	46.43	360.47	0.730	0.000	4.00	11.088	8.09	375.8	0.0	316.6
140.00		1.00	1.09	42.300	46.53	358.47	0.730	0.000	1.00	2.727	1.99	92.6	0.0	77.9
145.00		1.00	1.10	42.726	47.00	348.37	0.730	0.000	5.00	13.366	9.76	458.6	0.0	381.6
149.00	Appurtenance(s)	1.00	1.11	43.060	47.37	340.18	0.730	0.000	4.00	10.370	7.57	358.6	0.0	296.0
150.00		1.00	1.11	43.142	47.46	338.11	0.730	0.000	1.00	2.548	1.86	88.3	0.0	72.7
								Totals:	**150.00**			**15,644.2**		**38,424.5**

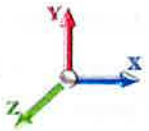
Discrete Appurtenance Forces

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 6	

Load Case: 1.2D + 1.0W 127 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 21

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	149.00	Andrew LNX-6512DS-A1M	3	43.060	47.366	0.75	0.90	11.41	103.32	0.000	0.000	540.29	0.00	0.00
2	149.00	JMA MX06FR0660-02	6	43.060	47.366	0.78	0.90	46.37	410.40	0.000	0.000	2196.31	0.00	0.00
3	149.00	Samsung MT6407-77A	3	43.060	47.366	0.63	0.90	8.86	284.54	0.000	0.000	419.85	0.00	0.00
4	149.00	Samsung RF4440d-13A	3	43.060	47.366	0.79	0.90	4.44	253.19	0.000	0.000	210.45	0.00	0.00
5	149.00	Samsung RF4439d-25A	3	43.060	47.366	0.79	0.90	4.44	268.92	0.000	0.000	210.45	0.00	0.00
6	149.00	Raycap	1	43.060	47.366	0.90	0.90	3.41	38.40	0.000	0.000	161.56	0.00	0.00
7	149.00	Low Profile Platform w/	1	43.060	47.366	1.00	1.00	43.70	2709.73	0.000	0.000	2069.88	0.00	0.00
8	149.00	Kaelus KA-603-	4	43.060	47.366	0.74	0.90	2.83	84.48	0.000	0.000	134.23	0.00	0.00
9	139.00	Antenna Pipes	12	42.213	46.435	0.75	0.75	17.10	700.42	0.000	0.000	794.03	0.00	0.00
10	139.00	RMQP-4096-HK	1	42.213	46.435	0.67	0.67	22.27	2334.00	0.000	0.000	1034.14	0.00	0.00
11	139.00	Air 3246 B66	3	42.213	46.435	0.62	0.75	14.83	648.00	0.000	0.000	688.53	0.00	0.00
12	139.00	APXVAARR24_43-U-NA2	3	42.213	46.435	0.52	0.75	31.88	460.80	0.000	0.000	1480.25	0.00	0.00
13	139.00	AIR6449 B41	3	42.213	46.435	0.53	0.75	9.03	370.80	0.000	0.000	419.11	0.00	0.00
14	139.00	4449 B71 + B85	3	42.213	46.435	0.50	0.75	2.97	263.52	0.000	0.000	137.90	0.00	0.00
15	139.00	4424 B25	3	42.213	46.435	0.50	0.75	3.09	316.80	0.000	0.000	143.50	0.00	0.00
16	139.00	Radio 4415 B25	4	42.213	46.435	0.50	0.75	3.30	220.80	0.000	0.000	153.07	0.00	0.00
17	128.00	Antenna Pipes	9	41.231	45.354	0.75	0.75	12.82	525.31	0.000	0.000	581.66	0.00	0.00
18	128.00	7770.00A	3	41.231	45.354	0.54	0.75	8.97	97.20	0.000	0.000	407.04	0.00	0.00
19	128.00	Low Profile Platform	1	41.231	45.354	1.00	1.00	26.56	1920.00	0.000	0.000	1204.60	0.00	0.00
20	128.00	HPA-65R-BU4AA	1	41.231	45.354	0.70	0.75	3.47	34.44	0.000	0.000	157.31	0.00	0.00
21	128.00	DMP65R-BU4DA	1	41.231	45.354	0.74	0.75	6.15	83.64	0.000	0.000	278.83	0.00	0.00
22	128.00	HPA-65R-BU8AA	2	41.231	45.354	0.65	0.75	14.49	129.60	0.000	0.000	657.03	0.00	0.00
23	128.00	DMP65R-BU8DA	2	41.231	45.354	0.54	0.75	19.30	229.68	0.000	0.000	875.31	0.00	0.00
24	128.00	4449	3	41.231	45.354	0.50	0.75	2.49	252.00	0.000	0.000	112.81	0.00	0.00
25	128.00	B2 B66A 8843	3	41.231	45.354	0.50	0.75	2.47	252.00	0.000	0.000	112.13	0.00	0.00
26	128.00	DC6-48-60-18-8F	2	41.231	45.354	0.75	0.75	1.38	76.32	0.000	0.000	62.59	0.00	0.00
27	117.00	MX08FRO665-21	3	40.186	44.204	0.55	0.75	20.80	232.20	0.000	0.000	919.26	0.00	0.00
28	117.00	TA08025-B605	3	40.186	44.204	0.50	0.75	2.95	270.00	0.000	0.000	130.61	0.00	0.00
29	117.00	TA08025-B604	3	40.186	44.204	0.50	0.75	2.95	230.04	0.000	0.000	130.61	0.00	0.00
30	117.00	RDIDC-9181-PF-48	1	40.186	44.204	0.38	0.75	0.75	26.28	0.000	0.000	33.32	0.00	0.00
31	117.00	MC-PK8-DSH	1	40.186	44.204	0.67	0.67	22.57	2072.40	0.000	0.000	997.49	0.00	0.00
							Totals:		**15,899.23**			**17,454.17**		

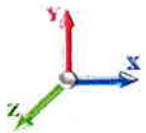
Total Applied Force Summary

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 7

Load Case: 1.2D + 1.0W 127 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 21

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		549.95	2044.86	0.00	0.00
10.00		540.25	2010.90	0.00	0.00
15.00		530.56	1976.93	0.00	0.00
20.00		520.87	1942.96	0.00	0.00
25.00		511.17	1909.00	0.00	0.00
30.00		501.90	1875.03	0.00	0.00
35.00		514.36	1841.06	0.00	0.00
40.00		523.83	1807.10	0.00	0.00
41.50		156.74	535.51	0.00	0.00
45.00		376.83	2257.05	0.00	0.00
48.00		324.68	1909.78	0.00	0.00
50.00		216.75	622.47	0.00	0.00
55.00		548.75	1535.38	0.00	0.00
60.00		550.74	1505.66	0.00	0.00
65.00		551.38	1475.94	0.00	0.00
70.00		550.82	1446.22	0.00	0.00
75.00		549.18	1416.50	0.00	0.00
80.00		546.56	1386.78	0.00	0.00
84.00		434.01	1088.02	0.00	0.00
85.00		109.12	445.09	0.00	0.00
89.50		491.78	1977.68	0.00	0.00
90.00		54.06	99.20	0.00	0.00
95.00		541.65	980.35	0.00	0.00
100.00		535.96	959.12	0.00	0.00
105.00		529.61	937.89	0.00	0.00
110.00		522.63	916.67	0.00	0.00
115.00		515.07	895.44	0.00	0.00
117.00	(11) attachments	2414.33	3183.15	0.00	0.00
120.00		302.44	518.38	0.00	0.00
125.00		498.31	846.98	0.00	0.00
128.00	(27) attachments	4743.28	4098.19	0.00	0.00
130.00		193.90	308.55	0.00	0.00
135.00		479.48	487.37	0.00	0.00
139.00	(32) attachments	5226.38	5695.75	0.00	0.00
140.00		92.63	88.87	0.00	0.00
145.00		458.58	436.64	0.00	0.00
149.00	(24) attachments	6301.58	4493.01	0.00	0.00
150.00		88.25	72.70	0.00	0.00
	Totals:	**33,098.39**	**58,028.17**	**0.00**	**0.00**

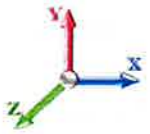
Linear Appurtenance Segment Forces (Factored)

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 8	

Load Case: 1.2D + 1.0W 127 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 21

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	27.216	0.00	1.64
5.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	27.216	0.00	6.24
10.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	27.216	0.00	1.64
10.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	27.216	0.00	6.24
15.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	27.216	0.00	1.64
15.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	27.216	0.00	6.24
20.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	27.216	0.00	1.64
20.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	27.216	0.00	6.24
25.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	27.216	0.00	1.64
25.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	27.216	0.00	6.24
30.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	27.239	0.00	1.64
30.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	27.239	0.00	6.24
35.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.019	0.000	28.466	0.00	1.64
35.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.019	0.000	28.466	0.00	6.24
40.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.019	0.000	29.573	0.00	1.64
40.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.019	0.000	29.573	0.00	6.24
41.50	Safety Cable	Yes	1.50	0.000	0.38	0.05	0.00	0.019	0.000	29.885	0.00	0.49
41.50	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.08	0.00	0.019	0.000	29.885	0.00	1.87
45.00	Safety Cable	Yes	3.50	0.000	0.38	0.11	0.00	0.020	0.000	30.585	0.00	1.15
45.00	Step bolts (ladder)	Yes	3.50	0.000	0.63	0.18	0.00	0.020	0.000	30.585	0.00	4.37
48.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.020	0.000	31.154	0.00	0.98
48.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.020	0.000	31.154	0.00	3.74
50.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	31.520	0.00	0.66
50.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	31.520	0.00	2.50
55.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.020	0.000	32.390	0.00	1.64
55.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.020	0.000	32.390	0.00	6.24
60.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.020	0.000	33.205	0.00	1.64
60.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.020	0.000	33.205	0.00	6.24
65.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.021	0.000	33.973	0.00	1.64
65.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.021	0.000	33.973	0.00	6.24
70.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.021	0.000	34.700	0.00	1.64
70.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.021	0.000	34.700	0.00	6.24
75.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.022	0.000	35.391	0.00	1.64
75.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.022	0.000	35.391	0.00	6.24
80.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.022	0.000	36.050	0.00	1.64
80.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.022	0.000	36.050	0.00	6.24
84.00	Safety Cable	Yes	4.00	0.000	0.38	0.13	0.00	0.023	0.000	36.556	0.00	1.31
84.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.21	0.00	0.023	0.000	36.556	0.00	4.99
85.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.023	0.000	36.679	0.00	0.33
85.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.023	0.000	36.679	0.00	1.25
89.50	Safety Cable	Yes	4.50	0.000	0.38	0.14	0.00	0.023	0.000	37.224	0.00	1.47
89.50	Step bolts (ladder)	Yes	4.50	0.000	0.63	0.24	0.00	0.023	0.000	37.224	0.00	5.62
90.00	Safety Cable	Yes	0.50	0.000	0.38	0.02	0.00	0.023	0.000	37.283	0.00	0.16
90.00	Step bolts (ladder)	Yes	0.50	0.000	0.63	0.03	0.00	0.023	0.000	37.283	0.00	0.62
95.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.024	0.000	37.864	0.00	1.64
95.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.024	0.000	37.864	0.00	6.24
100.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.024	0.000	38.423	0.00	1.64

Linear Appurtenance Segment Forces (Factored)

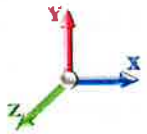
Structure: CT13073-A
Site Name: Groton North
Height: 150.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1
Topography: 1

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

8/18/2023

SBA

Load Case: 1.2D + 1.0W 127 mph Wind
Dead Load Factor 1.20
Wind Load Factor 1.00



Iterations 21

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
100.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.024	0.000	38.423	0.00	6.24
105.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.025	0.000	38.962	0.00	1.64
105.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.025	0.000	38.962	0.00	6.24
110.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.026	0.000	39.484	0.00	1.64
110.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.026	0.000	39.484	0.00	6.24
115.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.026	0.000	39.988	0.00	1.64
115.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.026	0.000	39.988	0.00	6.24
117.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.027	0.000	40.186	0.00	0.66
117.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.027	0.000	40.186	0.00	2.50
120.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.027	0.000	40.477	0.00	0.98
120.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.027	0.000	40.477	0.00	3.74
125.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.028	0.000	40.952	0.00	1.64
125.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.028	0.000	40.952	0.00	6.24
128.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.028	0.000	41.231	0.00	0.98
128.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.028	0.000	41.231	0.00	3.74
130.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.029	0.000	41.414	0.00	0.66
130.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.029	0.000	41.414	0.00	2.50
135.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.030	0.000	41.863	0.00	1.64
135.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.030	0.000	41.863	0.00	6.24
139.00	Safety Cable	Yes	4.00	0.000	0.38	0.13	0.00	0.030	0.000	42.213	0.00	1.31
139.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.21	0.00	0.030	0.000	42.213	0.00	4.99
140.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.031	0.000	42.300	0.00	0.33
140.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.031	0.000	42.300	0.00	1.25
145.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.031	0.000	42.726	0.00	1.64
145.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.031	0.000	42.726	0.00	6.24
149.00	Safety Cable	Yes	4.00	0.000	0.38	0.13	0.00	0.032	0.000	43.060	0.00	1.31
149.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.21	0.00	0.032	0.000	43.060	0.00	4.99
										Totals:	**0.0**	**234.8**

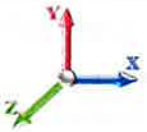
Calculated Forces

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 10	

Load Case: 1.2D + 1.0W 127 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 21

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-57.99	-33.16	0.00	-3682.4	0.00	3682.41	6643.18	1657.13	8180.63	8128.53	0.00	0.000	0.000	0.462
5.00	-55.88	-32.73	0.00	-3516.6	0.00	3516.61	6562.43	1627.93	7894.90	7887.07	0.07	-0.121	0.000	0.455
10.00	-53.80	-32.30	0.00	-3352.9	0.00	3352.98	6480.38	1598.73	7614.24	7647.59	0.26	-0.243	0.000	0.447
15.00	-51.76	-31.87	0.00	-3191.5	0.00	3191.50	6397.03	1569.53	7338.67	7410.16	0.58	-0.366	0.000	0.439
20.00	-49.75	-31.44	0.00	-3032.1	0.00	3032.18	6312.38	1540.34	7068.17	7174.88	1.03	-0.489	0.000	0.431
25.00	-47.78	-31.01	0.00	-2874.9	0.00	2874.99	6226.42	1511.14	6802.76	6941.83	1.61	-0.613	0.000	0.422
30.00	-45.84	-30.59	0.00	-2719.9	0.00	2719.93	6139.16	1481.94	6542.42	6711.09	2.32	-0.737	0.000	0.413
35.00	-43.95	-30.14	0.00	-2567.0	0.00	2567.00	6050.60	1452.74	6287.16	6482.75	3.16	-0.862	0.000	0.404
40.00	-42.11	-29.65	0.00	-2416.2	0.00	2416.29	5960.74	1423.55	6036.98	6256.90	4.13	-0.987	0.000	0.394
41.50	-41.54	-29.53	0.00	-2371.8	0.00	2371.81	5933.53	1414.79	5962.92	6189.64	4.44	-1.025	0.000	0.391
45.00	-39.25	-29.17	0.00	-2268.4	0.00	2268.46	5869.58	1394.35	5791.88	6033.61	5.23	-1.113	0.000	0.383
48.00	-37.31	-28.84	0.00	-2180.9	0.00	2180.97	4971.57	1227.57	5130.54	5148.64	5.95	-1.188	0.000	0.432
50.00	-36.65	-28.67	0.00	-2123.2	0.00	2123.28	4942.60	1217.35	5045.48	5075.65	6.46	-1.239	0.000	0.426
55.00	-35.06	-28.17	0.00	-1979.9	0.00	1979.91	4869.24	1191.81	4835.93	4894.48	7.83	-1.372	0.000	0.412
60.00	-33.51	-27.66	0.00	-1839.0	0.00	1839.06	4794.58	1166.26	4630.82	4715.21	9.34	-1.504	0.000	0.398
65.00	-31.99	-27.14	0.00	-1700.7	0.00	1700.76	4718.63	1140.71	4430.16	4537.93	10.99	-1.635	0.000	0.382
70.00	-30.50	-26.62	0.00	-1565.0	0.00	1565.05	4641.37	1115.16	4233.95	4362.74	12.77	-1.764	0.000	0.366
75.00	-29.04	-26.09	0.00	-1431.9	0.00	1431.98	4562.80	1089.62	4042.18	4189.70	14.68	-1.891	0.000	0.349
80.00	-27.63	-25.55	0.00	-1301.5	0.00	1301.55	4482.94	1064.07	3854.85	4018.92	16.73	-2.015	0.000	0.331
84.00	-26.53	-25.10	0.00	-1199.3	0.00	1199.37	4418.04	1043.63	3708.19	3883.90	18.46	-2.113	0.000	0.315
85.00	-26.06	-25.00	0.00	-1174.2	0.00	1174.27	4396.40	1038.52	3671.97	3845.78	18.91	-2.137	0.000	0.312
89.50	-24.08	-24.46	0.00	-1061.7	0.00	1061.75	2828.72	738.43	2599.07	2470.29	20.97	-2.243	0.000	0.439
90.00	-23.94	-24.44	0.00	-1049.5	0.00	1049.52	2824.36	736.61	2586.24	2460.34	21.21	-2.254	0.000	0.436
95.00	-22.93	-23.91	0.00	-927.34	0.00	927.34	2780.02	718.36	2459.68	2361.28	23.65	-2.402	0.000	0.402
100.00	-21.94	-23.39	0.00	-807.76	0.00	807.76	2734.38	700.11	2336.31	2263.07	26.24	-2.543	0.000	0.366
105.00	-20.97	-22.86	0.00	-690.82	0.00	690.82	2687.43	681.86	2216.10	2165.80	28.98	-2.673	0.000	0.328
110.00	-20.04	-22.34	0.00	-576.50	0.00	576.50	2639.19	663.61	2099.07	2069.55	31.84	-2.793	0.000	0.287
115.00	-19.14	-21.80	0.00	-464.81	0.00	464.81	2589.64	645.37	1985.22	1974.40	34.83	-2.900	0.000	0.244
117.00	-16.07	-19.24	0.00	-421.20	0.00	421.20	2569.45	638.07	1940.56	1936.67	36.05	-2.939	0.000	0.225
120.00	-15.55	-18.93	0.00	-363.48	0.00	363.48	2538.79	627.12	1874.54	1880.44	37.91	-2.993	0.000	0.200
125.00	-14.71	-18.40	0.00	-268.82	0.00	268.82	2486.64	608.87	1767.03	1787.76	41.09	-3.070	0.000	0.157
128.00	-10.87	-13.45	0.00	-213.61	0.00	213.61	2454.72	597.92	1704.05	1732.79	43.03	-3.109	0.000	0.128
130.00	-10.56	-13.25	0.00	-186.70	0.00	186.70	2433.18	590.62	1662.70	1696.43	44.34	-3.131	0.000	0.115
130.00	-10.56	-13.25	0.00	-186.70	0.00	186.70	1188.95	355.68	1004.98	835.07	44.34	-3.131	0.000	0.234
135.00	-10.09	-12.75	0.00	-120.46	0.00	120.46	1172.65	344.60	943.35	797.82	47.64	-3.176	0.000	0.161
139.00	-4.69	-7.22	0.00	-69.46	0.00	69.46	1158.65	335.74	895.45	767.91	50.32	-3.216	0.000	0.095
140.00	-4.61	-7.12	0.00	-62.25	0.00	62.25	1155.02	333.52	883.67	760.42	51.00	-3.223	0.000	0.086
145.00	-4.20	-6.64	0.00	-26.65	0.00	26.65	1136.06	322.44	825.94	722.95	54.39	-3.249	0.000	0.041
149.00	-0.07	-0.09	0.00	-0.09	0.00	0.09	1119.92	313.58	781.16	692.97	57.11	-3.256	0.000	0.000
150.00	0.00	-0.09	0.00	0.00	0.00	0.00	1115.76	311.36	770.16	685.49	57.80	-3.256	0.000	0.000

Wind Loading - Shaft

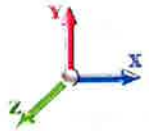
Structure: CT13073-A
Site Name: Groton North
Height: 150.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

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

8/18/2023

Page: 11

Load Case: 0.9D + 1.0W 127 mph Wind
Dead Load Factor 0.90
Wind Load Factor 1.00



Iterations 21

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	27.216	29.94	537.09	0.730	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.70	27.216	29.94	527.71	0.730	0.000	5.00	25.164	18.37	549.9	0.0	1433.1
10.00		1.00	0.70	27.216	29.94	518.33	0.730	0.000	5.00	24.720	18.05	540.3	0.0	1407.6
15.00		1.00	0.70	27.216	29.94	508.94	0.730	0.000	5.00	24.277	17.72	530.6	0.0	1382.2
20.00		1.00	0.70	27.216	29.94	499.56	0.730	0.000	5.00	23.833	17.40	520.9	0.0	1356.7
25.00		1.00	0.70	27.216	29.94	490.17	0.730	0.000	5.00	23.390	17.07	511.2	0.0	1331.2
30.00		1.00	0.70	27.239	29.96	480.99	0.730	0.000	5.00	22.946	16.75	501.9	0.0	1305.7
35.00		1.00	0.73	28.466	31.31	482.10	0.730	0.000	5.00	22.503	16.43	514.4	0.0	1280.3
40.00		1.00	0.76	29.573	32.53	481.61	0.730	0.000	5.00	22.059	16.10	523.8	0.0	1254.8
41.50	Bot - Section 2	1.00	0.77	29.885	32.87	481.20	0.730	0.000	1.50	6.531	4.77	156.7	0.0	371.5
45.00		1.00	0.79	30.585	33.64	479.83	0.730	0.000	3.50	15.343	11.20	376.8	0.0	1622.4
48.00	Top - Section 1	1.00	0.80	31.154	34.27	478.25	0.730	0.000	3.00	12.979	9.47	324.7	0.0	1372.0
50.00		1.00	0.81	31.520	34.67	485.44	0.730	0.000	2.00	8.564	6.25	216.7	0.0	426.6
55.00		1.00	0.83	32.390	35.63	481.85	0.730	0.000	5.00	21.099	15.40	548.8	0.0	1051.0
60.00		1.00	0.85	33.205	36.53	477.52	0.730	0.000	5.00	20.655	15.08	550.7	0.0	1028.7
65.00		1.00	0.87	33.973	37.37	472.52	0.730	0.000	5.00	20.212	14.75	551.4	0.0	1006.4
70.00		1.00	0.89	34.700	38.17	466.96	0.730	0.000	5.00	19.768	14.43	550.8	0.0	984.1
75.00		1.00	0.91	35.391	38.93	460.88	0.730	0.000	5.00	19.324	14.11	549.2	0.0	961.8
80.00		1.00	0.93	36.050	39.65	454.35	0.730	0.000	5.00	18.881	13.78	546.6	0.0	939.6
84.00	Bot - Section 3	1.00	0.94	36.556	40.21	448.83	0.730	0.000	4.00	14.785	10.79	434.0	0.0	735.6
85.00		1.00	0.94	36.679	40.35	447.41	0.730	0.000	1.00	3.705	2.70	109.1	0.0	313.7
89.50	Top - Section 2	1.00	0.96	37.224	40.95	440.84	0.730	0.000	4.50	16.452	12.01	491.8	0.0	1392.8
90.00		1.00	0.96	37.283	41.01	446.64	0.730	0.000	0.50	1.806	1.32	54.1	0.0	64.3
95.00		1.00	0.97	37.864	41.65	439.03	0.730	0.000	5.00	17.815	13.00	541.6	0.0	634.7
100.00		1.00	0.99	38.423	42.27	431.11	0.730	0.000	5.00	17.371	12.68	536.0	0.0	618.8
105.00		1.00	1.00	38.962	42.86	422.90	0.730	0.000	5.00	16.928	12.36	529.6	0.0	602.9
110.00		1.00	1.02	39.484	43.43	414.42	0.730	0.000	5.00	16.484	12.03	522.6	0.0	587.0
115.00		1.00	1.03	39.988	43.99	405.68	0.730	0.000	5.00	16.040	11.71	515.1	0.0	571.0
117.00	Appurtenance(s)	1.00	1.03	40.186	44.20	402.12	0.730	0.000	2.00	6.292	4.59	203.0	0.0	224.0
120.00		1.00	1.04	40.477	44.53	396.71	0.730	0.000	3.00	9.305	6.79	302.4	0.0	331.2
125.00		1.00	1.05	40.952	45.05	387.52	0.730	0.000	5.00	15.153	11.06	498.3	0.0	539.2
128.00	Appurtenance(s)	1.00	1.06	41.231	45.35	381.90	0.730	0.000	3.00	8.879	6.48	294.0	0.0	315.9
130.00	Top - Section 3	1.00	1.07	41.414	45.56	378.12	0.730	0.000	2.00	5.831	4.26	193.9	0.0	207.4
135.00		1.00	1.08	41.863	46.05	368.39	0.730	0.000	5.00	14.264	10.41	479.5	0.0	305.5
139.00	Appurtenance(s)	1.00	1.09	42.213	46.43	360.47	0.730	0.000	4.00	11.088	8.09	375.8	0.0	237.4
140.00		1.00	1.09	42.300	46.53	358.47	0.730	0.000	1.00	2.727	1.99	92.6	0.0	58.4
145.00		1.00	1.10	42.726	47.00	348.37	0.730	0.000	5.00	13.366	9.76	458.6	0.0	286.2
149.00	Appurtenance(s)	1.00	1.11	43.060	47.37	340.18	0.730	0.000	4.00	10.370	7.57	358.6	0.0	222.0
150.00		1.00	1.11	43.142	47.46	338.11	0.730	0.000	1.00	2.548	1.86	88.3	0.0	54.5
								Totals:	**150.00**			**15,644.2**		**28,818.4**

Discrete Appurtenance Forces

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 12	

Load Case: 0.9D + 1.0W 127 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00

Iterations 21

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	149.00	Samsung RF4440d-13A	3	43.060	47.366	0.79	0.90	4.44	189.89	0.000	0.000	210.45	0.00	0.00
2	149.00	Andrew LNX-6512DS-A1M	3	43.060	47.366	0.75	0.90	11.41	77.49	0.000	0.000	540.29	0.00	0.00
3	149.00	JMA MX06FR0660-02	6	43.060	47.366	0.78	0.90	46.37	307.80	0.000	0.000	2196.31	0.00	0.00
4	149.00	Samsung MT6407-77A	3	43.060	47.366	0.63	0.90	8.86	213.41	0.000	0.000	419.85	0.00	0.00
5	149.00	Kaelus KA-603-	4	43.060	47.366	0.74	0.90	2.83	63.36	0.000	0.000	134.23	0.00	0.00
6	149.00	Samsung RF4439d-25A	3	43.060	47.366	0.79	0.90	4.44	201.69	0.000	0.000	210.45	0.00	0.00
7	149.00	Raycap	1	43.060	47.366	0.90	0.90	3.41	28.80	0.000	0.000	161.56	0.00	0.00
8	149.00	Low Profile Platform w/	1	43.060	47.366	1.00	1.00	43.70	2032.30	0.000	0.000	2069.88	0.00	0.00
9	139.00	Radio 4415 B25	4	42.213	46.435	0.50	0.75	3.30	165.60	0.000	0.000	153.07	0.00	0.00
10	139.00	4424 B25	3	42.213	46.435	0.50	0.75	3.09	237.60	0.000	0.000	143.50	0.00	0.00
11	139.00	4449 B71 + B85	3	42.213	46.435	0.50	0.75	2.97	197.64	0.000	0.000	137.90	0.00	0.00
12	139.00	AIR6449 B41	3	42.213	46.435	0.53	0.75	9.03	278.10	0.000	0.000	419.11	0.00	0.00
13	139.00	APXVAARR24_43-U-NA2	3	42.213	46.435	0.52	0.75	31.88	345.60	0.000	0.000	1480.25	0.00	0.00
14	139.00	Air 3246 B66	3	42.213	46.435	0.62	0.75	14.83	486.00	0.000	0.000	688.53	0.00	0.00
15	139.00	RMQP-4096-HK	1	42.213	46.435	0.67	0.67	22.27	1750.50	0.000	0.000	1034.14	0.00	0.00
16	139.00	Antenna Pipes	12	42.213	46.435	0.75	0.75	17.10	525.31	0.000	0.000	794.03	0.00	0.00
17	128.00	DMP65R-BU4DA	1	41.231	45.354	0.74	0.75	6.15	62.73	0.000	0.000	278.83	0.00	0.00
18	128.00	Antenna Pipes	9	41.231	45.354	0.75	0.75	12.82	393.98	0.000	0.000	581.66	0.00	0.00
19	128.00	7770.00A	3	41.231	45.354	0.54	0.75	8.97	72.90	0.000	0.000	407.04	0.00	0.00
20	128.00	Low Profile Platform	1	41.231	45.354	1.00	1.00	26.56	1440.00	0.000	0.000	1204.60	0.00	0.00
21	128.00	HPA-65R-BU4AA	1	41.231	45.354	0.70	0.75	3.47	25.83	0.000	0.000	157.31	0.00	0.00
22	128.00	DC6-48-60-18-8F	2	41.231	45.354	0.75	0.75	1.38	57.24	0.000	0.000	62.59	0.00	0.00
23	128.00	HPA-65R-BU8AA	2	41.231	45.354	0.65	0.75	14.49	97.20	0.000	0.000	657.03	0.00	0.00
24	128.00	DMP65R-BU8DA	2	41.231	45.354	0.54	0.75	19.30	172.26	0.000	0.000	875.31	0.00	0.00
25	128.00	4449	3	41.231	45.354	0.50	0.75	2.49	189.00	0.000	0.000	112.81	0.00	0.00
26	128.00	B2 B66A 8843	3	41.231	45.354	0.50	0.75	2.47	189.00	0.000	0.000	112.13	0.00	0.00
27	117.00	MC-PK8-DSH	1	40.186	44.204	0.67	0.67	22.57	1554.30	0.000	0.000	997.49	0.00	0.00
28	117.00	RDIDC-9181-PF-48	1	40.186	44.204	0.38	0.75	0.75	19.71	0.000	0.000	33.32	0.00	0.00
29	117.00	TA08025-B604	3	40.186	44.204	0.50	0.75	2.95	172.53	0.000	0.000	130.61	0.00	0.00
30	117.00	TA08025-B605	3	40.186	44.204	0.50	0.75	2.95	202.50	0.000	0.000	130.61	0.00	0.00
31	117.00	MX08FRO665-21	3	40.186	44.204	0.55	0.75	20.80	174.15	0.000	0.000	919.26	0.00	0.00
							Totals:		**11,924.42**			**17,454.17**		

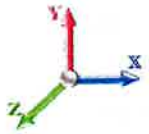
Total Applied Force Summary

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 13

Load Case: 0.9D + 1.0W 127 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 21

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		549.95	1533.65	0.00	0.00
10.00		540.25	1508.17	0.00	0.00
15.00		530.56	1482.70	0.00	0.00
20.00		520.87	1457.22	0.00	0.00
25.00		511.17	1431.75	0.00	0.00
30.00		501.90	1406.27	0.00	0.00
35.00		514.36	1380.80	0.00	0.00
40.00		523.83	1355.32	0.00	0.00
41.50		156.74	401.63	0.00	0.00
45.00		376.83	1692.79	0.00	0.00
48.00		324.68	1432.33	0.00	0.00
50.00		216.75	466.86	0.00	0.00
55.00		548.75	1151.54	0.00	0.00
60.00		550.74	1129.24	0.00	0.00
65.00		551.38	1106.95	0.00	0.00
70.00		550.82	1084.66	0.00	0.00
75.00		549.18	1062.37	0.00	0.00
80.00		546.56	1040.08	0.00	0.00
84.00		434.01	816.02	0.00	0.00
85.00		109.12	333.82	0.00	0.00
89.50		491.78	1483.26	0.00	0.00
90.00		54.06	74.40	0.00	0.00
95.00		541.65	735.26	0.00	0.00
100.00		535.96	719.34	0.00	0.00
105.00		529.61	703.42	0.00	0.00
110.00		522.63	687.50	0.00	0.00
115.00		515.07	671.58	0.00	0.00
117.00	(11) attachments	2414.33	2387.36	0.00	0.00
120.00		302.44	388.78	0.00	0.00
125.00		498.31	635.23	0.00	0.00
128.00	(27) attachments	4743.28	3073.64	0.00	0.00
130.00		193.90	231.41	0.00	0.00
135.00		479.48	365.53	0.00	0.00
139.00	(32) attachments	5226.38	4271.82	0.00	0.00
140.00		92.63	66.66	0.00	0.00
145.00		458.58	327.48	0.00	0.00
149.00	(24) attachments	6301.58	3369.76	0.00	0.00
150.00		88.25	54.53	0.00	0.00
	Totals:	**33,098.39**	**43,521.13**	**0.00**	**0.00**

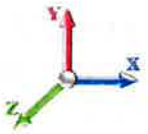
Linear Appurtenance Segment Forces (Factored)

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 14	

Load Case: 0.9D + 1.0W 127 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 21

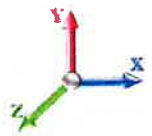
Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	27.216	0.00	1.23
5.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	27.216	0.00	4.68
10.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	27.216	0.00	1.23
10.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	27.216	0.00	4.68
15.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	27.216	0.00	1.23
15.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	27.216	0.00	4.68
20.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	27.216	0.00	1.23
20.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	27.216	0.00	4.68
25.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	27.216	0.00	1.23
25.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	27.216	0.00	4.68
30.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	27.239	0.00	1.23
30.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	27.239	0.00	4.68
35.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.019	0.000	28.466	0.00	1.23
35.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.019	0.000	28.466	0.00	4.68
40.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.019	0.000	29.573	0.00	1.23
40.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.019	0.000	29.573	0.00	4.68
41.50	Safety Cable	Yes	1.50	0.000	0.38	0.05	0.00	0.019	0.000	29.885	0.00	0.37
41.50	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.08	0.00	0.019	0.000	29.885	0.00	1.40
45.00	Safety Cable	Yes	3.50	0.000	0.38	0.11	0.00	0.020	0.000	30.585	0.00	0.86
45.00	Step bolts (ladder)	Yes	3.50	0.000	0.63	0.18	0.00	0.020	0.000	30.585	0.00	3.28
48.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.020	0.000	31.154	0.00	0.74
48.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.020	0.000	31.154	0.00	2.81
50.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	31.520	0.00	0.49
50.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	31.520	0.00	1.87
55.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.020	0.000	32.390	0.00	1.23
55.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.020	0.000	32.390	0.00	4.68
60.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.020	0.000	33.205	0.00	1.23
60.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.020	0.000	33.205	0.00	4.68
65.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.021	0.000	33.973	0.00	1.23
65.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.021	0.000	33.973	0.00	4.68
70.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.021	0.000	34.700	0.00	1.23
70.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.021	0.000	34.700	0.00	4.68
75.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.022	0.000	35.391	0.00	1.23
75.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.022	0.000	35.391	0.00	4.68
80.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.022	0.000	36.050	0.00	1.23
80.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.022	0.000	36.050	0.00	4.68
84.00	Safety Cable	Yes	4.00	0.000	0.38	0.13	0.00	0.023	0.000	36.556	0.00	0.98
84.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.21	0.00	0.023	0.000	36.556	0.00	3.74
85.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.023	0.000	36.679	0.00	0.25
85.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.023	0.000	36.679	0.00	0.94
89.50	Safety Cable	Yes	4.50	0.000	0.38	0.14	0.00	0.023	0.000	37.224	0.00	1.11
89.50	Step bolts (ladder)	Yes	4.50	0.000	0.63	0.24	0.00	0.023	0.000	37.224	0.00	4.21
90.00	Safety Cable	Yes	0.50	0.000	0.38	0.02	0.00	0.023	0.000	37.283	0.00	0.12
90.00	Step bolts (ladder)	Yes	0.50	0.000	0.63	0.03	0.00	0.023	0.000	37.283	0.00	0.47
95.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.024	0.000	37.864	0.00	1.23
95.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.024	0.000	37.864	0.00	4.68
100.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.024	0.000	38.423	0.00	1.23

Linear Appurtenance Segment Forces (Factored)

Structure: CT13073-A
Site Name: Groton North
Height: 150.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 8/18/2023
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

Load Case: 0.9D + 1.0W 127 mph Wind
Dead Load Factor 0.90
Wind Load Factor 1.00



Iterations 21

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
100.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.024	0.000	38.423	0.00	4.68
105.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.025	0.000	38.962	0.00	1.23
105.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.025	0.000	38.962	0.00	4.68
110.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.026	0.000	39.484	0.00	1.23
110.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.026	0.000	39.484	0.00	4.68
115.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.026	0.000	39.988	0.00	1.23
115.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.026	0.000	39.988	0.00	4.68
117.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.027	0.000	40.186	0.00	0.49
117.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.027	0.000	40.186	0.00	1.87
120.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.027	0.000	40.477	0.00	0.74
120.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.027	0.000	40.477	0.00	2.81
125.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.028	0.000	40.952	0.00	1.23
125.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.028	0.000	40.952	0.00	4.68
128.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.028	0.000	41.231	0.00	0.74
128.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.028	0.000	41.231	0.00	2.81
130.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.029	0.000	41.414	0.00	0.49
130.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.029	0.000	41.414	0.00	1.87
135.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.030	0.000	41.863	0.00	1.23
135.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.030	0.000	41.863	0.00	4.68
139.00	Safety Cable	Yes	4.00	0.000	0.38	0.13	0.00	0.030	0.000	42.213	0.00	0.98
139.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.21	0.00	0.030	0.000	42.213	0.00	3.74
140.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.031	0.000	42.300	0.00	0.25
140.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.031	0.000	42.300	0.00	0.94
145.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.031	0.000	42.726	0.00	1.23
145.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.031	0.000	42.726	0.00	4.68
149.00	Safety Cable	Yes	4.00	0.000	0.38	0.13	0.00	0.032	0.000	43.060	0.00	0.98
149.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.21	0.00	0.032	0.000	43.060	0.00	3.74
										Totals:	**0.0**	**176.1**

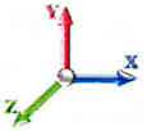
Calculated Forces

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 16	

Load Case: 0.9D + 1.0W 127 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 21

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-43.49	-33.14	0.00	-3654.0	0.00	3654.06	6643.18	1657.13	8180.63	8128.53	0.00	0.000	0.000	0.456
5.00	-41.88	-32.68	0.00	-3488.3	0.00	3488.34	6562.43	1627.93	7894.90	7887.07	0.06	-0.120	0.000	0.449
10.00	-40.31	-32.22	0.00	-3324.9	0.00	3324.94	6480.38	1598.73	7614.24	7647.59	0.26	-0.241	0.000	0.441
15.00	-38.76	-31.77	0.00	-3163.8	0.00	3163.83	6397.03	1569.53	7338.67	7410.16	0.57	-0.363	0.000	0.433
20.00	-37.24	-31.31	0.00	-3005.0	0.00	3005.00	6312.38	1540.34	7068.17	7174.88	1.02	-0.485	0.000	0.425
25.00	-35.75	-30.87	0.00	-2848.4	0.00	2848.43	6226.42	1511.14	6802.76	6941.83	1.60	-0.608	0.000	0.416
30.00	-34.28	-30.42	0.00	-2694.1	0.00	2694.11	6139.16	1481.94	6542.42	6711.09	2.30	-0.731	0.000	0.407
35.00	-32.84	-29.96	0.00	-2542.0	0.00	2542.00	6050.60	1452.74	6287.16	6482.75	3.13	-0.854	0.000	0.398
40.00	-31.46	-29.46	0.00	-2392.2	0.00	2392.21	5960.74	1423.55	6036.98	6256.90	4.09	-0.978	0.000	0.388
41.50	-31.03	-29.33	0.00	-2348.0	0.00	2348.02	5933.53	1414.79	5962.92	6189.64	4.41	-1.016	0.000	0.385
45.00	-29.30	-28.96	0.00	-2245.3	0.00	2245.38	5869.58	1394.35	5791.88	6033.61	5.18	-1.103	0.000	0.378
48.00	-27.84	-28.64	0.00	-2158.5	0.00	2158.50	4971.57	1227.57	5130.54	5148.64	5.90	-1.177	0.000	0.425
50.00	-27.34	-28.46	0.00	-2101.2	0.00	2101.22	4942.60	1217.35	5045.48	5075.65	6.40	-1.227	0.000	0.420
55.00	-26.13	-27.94	0.00	-1958.9	0.00	1958.95	4869.24	1191.81	4835.93	4894.48	7.76	-1.359	0.000	0.406
60.00	-24.95	-27.42	0.00	-1819.2	0.00	1819.25	4794.58	1166.26	4630.82	4715.21	9.26	-1.490	0.000	0.392
65.00	-23.80	-26.89	0.00	-1682.1	0.00	1682.15	4718.63	1140.71	4430.16	4537.93	10.89	-1.620	0.000	0.376
70.00	-22.68	-26.36	0.00	-1547.7	0.00	1547.70	4641.37	1115.16	4233.95	4362.74	12.65	-1.747	0.000	0.360
75.00	-21.58	-25.82	0.00	-1415.9	0.00	1415.91	4562.80	1089.62	4042.18	4189.70	14.55	-1.873	0.000	0.343
80.00	-20.51	-25.28	0.00	-1286.8	0.00	1286.80	4482.94	1064.07	3854.85	4018.92	16.58	-1.995	0.000	0.325
84.00	-19.68	-24.84	0.00	-1185.6	0.00	1185.67	4418.04	1043.63	3708.19	3883.90	18.29	-2.092	0.000	0.310
85.00	-19.32	-24.74	0.00	-1160.8	0.00	1160.84	4396.40	1038.52	3671.97	3845.78	18.73	-2.116	0.000	0.307
89.50	-17.84	-24.21	0.00	-1049.5	0.00	1049.51	2828.72	738.43	2599.07	2470.29	20.78	-2.220	0.000	0.432
90.00	-17.73	-24.18	0.00	-1037.4	0.00	1037.41	2824.36	736.61	2586.24	2460.34	21.01	-2.232	0.000	0.429
95.00	-16.96	-23.65	0.00	-916.52	0.00	916.52	2780.02	718.36	2459.68	2361.28	23.43	-2.378	0.000	0.395
100.00	-16.21	-23.12	0.00	-798.28	0.00	798.28	2734.38	700.11	2336.31	2263.07	25.99	-2.517	0.000	0.360
105.00	-15.48	-22.59	0.00	-682.68	0.00	682.68	2687.43	681.86	2216.10	2165.80	28.70	-2.646	0.000	0.322
110.00	-14.78	-22.07	0.00	-569.71	0.00	569.71	2639.19	663.61	2099.07	2069.55	31.54	-2.764	0.000	0.282
115.00	-14.10	-21.54	0.00	-459.37	0.00	459.37	2589.64	645.37	1985.22	1974.40	34.49	-2.870	0.000	0.239
117.00	-11.83	-19.02	0.00	-416.30	0.00	416.30	2569.45	638.07	1940.56	1936.67	35.70	-2.909	0.000	0.220
120.00	-11.43	-18.71	0.00	-359.25	0.00	359.25	2538.79	627.12	1874.54	1880.44	37.54	-2.962	0.000	0.196
125.00	-10.81	-18.19	0.00	-265.72	0.00	265.72	2486.64	608.87	1767.03	1787.76	40.69	-3.038	0.000	0.154
128.00	-7.98	-13.29	0.00	-211.16	0.00	211.16	2454.72	597.92	1704.05	1732.79	42.61	-3.076	0.000	0.126
130.00	-7.75	-13.09	0.00	-184.58	0.00	184.58	2433.18	590.62	1662.70	1696.43	43.90	-3.098	0.000	0.112
130.00	-7.75	-13.09	0.00	-184.58	0.00	184.58	1188.95	355.68	1004.98	835.07	43.90	-3.098	0.000	0.229
135.00	-7.41	-12.60	0.00	-119.14	0.00	119.14	1172.65	344.60	943.35	797.82	47.17	-3.142	0.000	0.157
139.00	-3.43	-7.14	0.00	-68.76	0.00	68.76	1158.65	335.74	895.45	767.91	49.82	-3.182	0.000	0.093
140.00	-3.36	-7.05	0.00	-61.62	0.00	61.62	1155.02	333.52	883.67	760.42	50.49	-3.189	0.000	0.084
145.00	-3.06	-6.57	0.00	-26.38	0.00	26.38	1136.06	322.44	825.94	722.95	53.85	-3.215	0.000	0.040
149.00	-0.05	-0.09	0.00	-0.09	0.00	0.09	1119.92	313.58	781.16	692.97	56.54	-3.222	0.000	0.000
150.00	0.00	-0.09	0.00	0.00	0.00	0.00	1115.76	311.36	770.16	685.49	57.22	-3.222	0.000	0.000

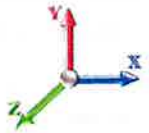
Wind Loading - Shaft

Structure: CT13073-A
Site Name: Groton North
Height: 150.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 8/18/2023
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

SBA

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



Iterations 20

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	4.219	4.64	0.00	1.200	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.70	4.219	4.64	0.00	1.200	0.828	5.00	25.854	31.02	144.0	310.1	2221.0
10.00		1.00	0.70	4.219	4.64	0.00	1.200	0.887	5.00	25.460	30.55	141.8	326.9	2203.7
15.00		1.00	0.70	4.219	4.64	0.00	1.200	0.924	5.00	25.047	30.06	139.5	334.5	2177.4
20.00		1.00	0.70	4.219	4.64	0.00	1.200	0.951	5.00	24.626	29.55	137.1	338.2	2147.1
25.00		1.00	0.70	4.219	4.64	0.00	1.200	0.973	5.00	24.200	29.04	134.8	339.6	2114.5
30.00		1.00	0.70	4.222	4.64	0.00	1.200	0.991	5.00	23.772	28.53	132.5	339.4	2080.4
35.00		1.00	0.73	4.412	4.85	0.00	1.200	1.006	5.00	23.341	28.01	135.9	338.2	2045.2
40.00		1.00	0.76	4.584	5.04	0.00	1.200	1.019	5.00	22.909	27.49	138.6	336.1	2009.2
41.50	Bot - Section 2	1.00	0.77	4.632	5.10	0.00	1.200	1.023	1.50	6.787	8.14	41.5	100.6	595.9
45.00		1.00	0.79	4.741	5.21	0.00	1.200	1.032	3.50	15.945	19.13	99.8	237.4	2400.6
48.00	Top - Section 1	1.00	0.80	4.829	5.31	0.00	1.200	1.038	3.00	13.498	16.20	86.0	202.3	2031.7
50.00		1.00	0.81	4.886	5.37	0.00	1.200	1.042	2.00	8.911	10.69	57.5	134.4	703.2
55.00		1.00	0.83	5.020	5.52	0.00	1.200	1.052	5.00	21.976	26.37	145.6	332.3	1733.6
60.00		1.00	0.85	5.147	5.66	0.00	1.200	1.062	5.00	21.540	25.85	146.3	328.2	1699.9
65.00		1.00	0.87	5.266	5.79	0.00	1.200	1.070	5.00	21.103	25.32	146.7	323.9	1665.8
70.00		1.00	0.89	5.379	5.92	0.00	1.200	1.078	5.00	20.666	24.80	146.7	319.3	1631.5
75.00		1.00	0.91	5.486	6.03	0.00	1.200	1.086	5.00	20.229	24.27	146.5	314.4	1596.9
80.00		1.00	0.93	5.588	6.15	0.00	1.200	1.093	5.00	19.791	23.75	146.0	309.3	1562.1
84.00	Bot - Section 3	1.00	0.94	5.666	6.23	0.00	1.200	1.098	4.00	15.517	18.62	116.1	244.1	1224.9
85.00		1.00	0.94	5.685	6.25	0.00	1.200	1.099	1.00	3.888	4.67	29.2	61.7	479.9
89.50	Top - Section 2	1.00	0.96	5.770	6.35	0.00	1.200	1.105	4.50	17.281	20.74	131.6	273.1	2130.1
90.00		1.00	0.96	5.779	6.36	0.00	1.200	1.106	0.50	1.898	2.28	14.5	30.3	116.1
95.00		1.00	0.97	5.869	6.46	0.00	1.200	1.112	5.00	18.741	22.49	145.2	297.3	1143.6
100.00		1.00	0.99	5.956	6.55	0.00	1.200	1.117	5.00	18.302	21.96	143.9	291.5	1116.6
105.00		1.00	1.00	6.039	6.64	0.00	1.200	1.123	5.00	17.863	21.44	142.4	285.6	1089.4
110.00		1.00	1.02	6.120	6.73	0.00	1.200	1.128	5.00	17.424	20.91	140.8	279.5	1062.2
115.00		1.00	1.03	6.198	6.82	0.00	1.200	1.133	5.00	16.985	20.38	139.0	273.4	1034.8
117.00	Appurtenance(s)	1.00	1.03	6.229	6.85	0.00	1.200	1.135	2.00	6.670	8.00	54.8	108.4	407.0
120.00		1.00	1.04	6.274	6.90	0.00	1.200	1.138	3.00	9.874	11.85	81.8	160.3	601.8
125.00		1.00	1.05	6.348	6.98	0.00	1.200	1.142	5.00	16.105	19.33	134.9	260.7	979.7
128.00	Appurtenance(s)	1.00	1.06	6.391	7.03	0.00	1.200	1.145	3.00	9.452	11.34	79.7	154.1	575.3
130.00	Top - Section 3	1.00	1.07	6.419	7.06	0.00	1.200	1.147	2.00	6.213	7.46	52.6	101.7	378.2
135.00		1.00	1.08	6.489	7.14	0.00	1.200	1.151	5.00	15.223	18.27	130.4	247.6	654.9
139.00	Appurtenance(s)	1.00	1.09	6.543	7.20	0.00	1.200	1.155	4.00	11.858	14.23	102.4	193.7	510.3
140.00		1.00	1.09	6.557	7.21	0.00	1.200	1.155	1.00	2.920	3.50	25.3	48.2	126.0
145.00		1.00	1.10	6.623	7.28	0.00	1.200	1.160	5.00	14.332	17.20	125.3	234.0	615.6
149.00	Appurtenance(s)	1.00	1.11	6.674	7.34	0.00	1.200	1.163	4.00	11.145	13.37	98.2	182.8	478.7
150.00		1.00	1.11	6.687	7.36	0.00	1.200	1.163	1.00	2.741	3.29	24.2	45.4	118.1
								Totals:	**150.00**			**4,178.9**		**47,462.9**

Discrete Appurtenance Forces

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 18	

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

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 20

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	149.00	Samsung RF4440d-13A	3	6.674	7.342	0.72	0.90	4.82	348.50	0.000	0.000	35.39	0.00	0.00
2	149.00	Andrew LNX-6512DS-A1M	3	6.674	7.342	0.76	0.90	12.99	257.50	0.000	0.000	95.40	0.00	0.00
3	149.00	JMA MX06FR0660-02	6	6.674	7.342	0.79	0.90	51.13	1103.51	0.000	0.000	375.41	0.00	0.00
4	149.00	Samsung MT6407-77A	3	6.674	7.342	0.64	0.90	10.14	431.13	0.000	0.000	74.45	0.00	0.00
5	149.00	Kaelus KA-603-	4	6.674	7.342	0.76	0.90	3.70	93.18	0.000	0.000	27.19	0.00	0.00
6	149.00	Samsung RF4439d-25A	3	6.674	7.342	0.72	0.90	4.82	380.11	0.000	0.000	35.39	0.00	0.00
7	149.00	Raycap	1	6.674	7.342	0.90	0.90	3.89	81.03	0.000	0.000	28.52	0.00	0.00
8	149.00	Low Profile Platform w/	1	6.674	7.342	1.00	1.00	67.07	4480.59	0.000	0.000	492.43	0.00	0.00
9	139.00	Radio 4415 B25	4	6.543	7.197	0.50	0.75	3.98	291.98	0.000	0.000	28.66	0.00	0.00
10	139.00	4424 B25	3	6.543	7.197	0.50	0.75	3.67	475.39	0.000	0.000	26.38	0.00	0.00
11	139.00	4449 B71 + B85	3	6.543	7.197	0.50	0.75	3.54	202.93	0.000	0.000	25.46	0.00	0.00
12	139.00	AIR6449 B41	3	6.543	7.197	0.55	0.75	10.31	547.86	0.000	0.000	74.23	0.00	0.00
13	139.00	APXVAARR24_43-U-NA2	3	6.543	7.197	0.54	0.75	34.80	1254.92	0.000	0.000	250.47	0.00	0.00
14	139.00	Air 3246 B66	3	6.543	7.197	0.64	0.75	16.68	901.94	0.000	0.000	120.05	0.00	0.00
15	139.00	RMQP-4096-HK	1	6.543	7.197	0.67	0.67	33.17	2226.48	0.000	0.000	238.77	0.00	0.00
16	139.00	Antenna Pipes	12	6.543	7.197	0.75	0.75	21.05	1769.34	0.000	0.000	151.50	0.00	0.00
17	128.00	DMP65R-BU4DA	1	6.391	7.030	0.74	0.75	6.49	233.93	0.000	0.000	45.60	0.00	0.00
18	128.00	Antenna Pipes	9	6.391	7.030	0.75	0.75	15.76	602.21	0.000	0.000	110.81	0.00	0.00
19	128.00	7770.00A	3	6.391	7.030	0.55	0.75	11.56	224.10	0.000	0.000	81.24	0.00	0.00
20	128.00	Low Profile Platform	1	6.391	7.030	1.00	1.00	40.55	2636.14	0.000	0.000	285.07	0.00	0.00
21	128.00	HPA-65R-BU4AA	1	6.391	7.030	0.72	0.75	3.99	80.25	0.000	0.000	28.05	0.00	0.00
22	128.00	DC6-48-60-18-8F	2	6.391	7.030	0.75	0.75	1.81	122.06	0.000	0.000	12.73	0.00	0.00
23	128.00	HPA-65R-BU8AA	2	6.391	7.030	0.66	0.75	16.27	457.82	0.000	0.000	114.39	0.00	0.00
24	128.00	DMP65R-BU8DA	2	6.391	7.030	0.55	0.75	21.33	593.58	0.000	0.000	149.98	0.00	0.00
25	128.00	4449	3	6.391	7.030	0.50	0.75	3.00	374.78	0.000	0.000	21.08	0.00	0.00
26	128.00	B2 B66A 8843	3	6.391	7.030	0.50	0.75	2.98	308.62	0.000	0.000	20.97	0.00	0.00
27	117.00	MC-PK8-DSH	1	6.229	6.852	0.67	0.67	41.00	2797.01	0.000	0.000	280.95	0.00	0.00
28	117.00	RDIDC-9181-PF-48	1	6.229	6.852	0.38	0.75	0.89	48.21	0.000	0.000	6.11	0.00	0.00
29	117.00	TA08025-B604	3	6.229	6.852	0.50	0.75	3.50	292.51	0.000	0.000	24.01	0.00	0.00
30	117.00	TA08025-B605	3	6.229	6.852	0.50	0.75	3.50	334.24	0.000	0.000	24.01	0.00	0.00
31	117.00	MX08FRO665-21	3	6.229	6.852	0.55	0.75	22.38	598.07	0.000	0.000	153.35	0.00	0.00
							Totals:		**24,549.92**			**3,438.06**		

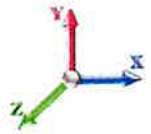
Total Applied Force Summary

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 19

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

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 20

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		143.97	2366.81	0.00	0.00
10.00		141.77	2351.07	0.00	0.00
15.00		139.47	2325.73	0.00	0.00
20.00		137.13	2296.16	0.00	0.00
25.00		134.76	2264.15	0.00	0.00
30.00		132.48	2230.53	0.00	0.00
35.00		135.94	2195.76	0.00	0.00
40.00		138.61	2160.12	0.00	0.00
41.50		41.50	641.22	0.00	0.00
45.00		99.78	2506.47	0.00	0.00
48.00		86.04	2122.57	0.00	0.00
50.00		57.47	763.85	0.00	0.00
55.00		145.63	1885.48	0.00	0.00
60.00		146.34	1852.03	0.00	0.00
65.00		146.69	1818.22	0.00	0.00
70.00		146.72	1784.12	0.00	0.00
75.00		146.48	1749.76	0.00	0.00
80.00		145.98	1715.16	0.00	0.00
84.00		116.06	1347.48	0.00	0.00
85.00		29.18	510.61	0.00	0.00
89.50		131.61	2268.26	0.00	0.00
90.00		14.48	131.44	0.00	0.00
95.00		145.19	1297.25	0.00	0.00
100.00		143.88	1270.43	0.00	0.00
105.00		142.40	1243.46	0.00	0.00
110.00		140.76	1216.35	0.00	0.00
115.00		138.96	1189.12	0.00	0.00
117.00	(11) attachments	543.29	4538.77	0.00	0.00
120.00		81.77	690.91	0.00	0.00
125.00		134.94	1128.31	0.00	0.00
128.00	(27) attachments	949.66	6298.01	0.00	0.00
130.00		52.64	418.55	0.00	0.00
135.00		130.39	755.84	0.00	0.00
139.00	(32) attachments	1017.92	8262.00	0.00	0.00
140.00		25.27	141.25	0.00	0.00
145.00		125.29	691.79	0.00	0.00
149.00	(24) attachments	1262.37	7715.38	0.00	0.00
150.00		24.20	118.12	0.00	0.00
	Totals:	**7,617.00**	**76,262.54**	**0.00**	**0.00**

Linear Appurtenance Segment Forces (Factored)

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 20

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

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 20

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	5.00	0.000	0.38	0.85	0.00	0.017	0.000	4.219	0.00	7.09
5.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.95	0.00	0.017	0.000	4.219	0.00	12.60
10.00	Safety Cable	Yes	5.00	0.000	0.38	0.90	0.00	0.017	0.000	4.219	0.00	7.80
10.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.00	0.00	0.017	0.000	4.219	0.00	13.37
15.00	Safety Cable	Yes	5.00	0.000	0.38	0.93	0.00	0.017	0.000	4.219	0.00	8.26
15.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.03	0.00	0.017	0.000	4.219	0.00	13.87
20.00	Safety Cable	Yes	5.00	0.000	0.38	0.95	0.00	0.018	0.000	4.219	0.00	8.61
20.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.06	0.00	0.018	0.000	4.219	0.00	14.24
25.00	Safety Cable	Yes	5.00	0.000	0.38	0.97	0.00	0.018	0.000	4.219	0.00	8.89
25.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.07	0.00	0.018	0.000	4.219	0.00	14.55
30.00	Safety Cable	Yes	5.00	0.000	0.38	0.98	0.00	0.018	0.000	4.222	0.00	9.13
30.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.09	0.00	0.018	0.000	4.222	0.00	14.80
35.00	Safety Cable	Yes	5.00	0.000	0.38	1.00	0.00	0.019	0.000	4.412	0.00	9.34
35.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.10	0.00	0.019	0.000	4.412	0.00	15.03
40.00	Safety Cable	Yes	5.00	0.000	0.38	1.01	0.00	0.019	0.000	4.584	0.00	9.53
40.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.11	0.00	0.019	0.000	4.584	0.00	15.23
41.50	Safety Cable	Yes	1.50	0.000	0.38	0.30	0.00	0.019	0.000	4.632	0.00	2.88
41.50	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.33	0.00	0.019	0.000	4.632	0.00	4.59
45.00	Safety Cable	Yes	3.50	0.000	0.38	0.71	0.00	0.020	0.000	4.741	0.00	6.79
45.00	Step bolts (ladder)	Yes	3.50	0.000	0.63	0.79	0.00	0.020	0.000	4.741	0.00	10.79
48.00	Safety Cable	Yes	3.00	0.000	0.38	0.61	0.00	0.020	0.000	4.829	0.00	5.88
48.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.68	0.00	0.020	0.000	4.829	0.00	9.31
50.00	Safety Cable	Yes	2.00	0.000	0.38	0.41	0.00	0.020	0.000	4.886	0.00	3.94
50.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.45	0.00	0.020	0.000	4.886	0.00	6.23
55.00	Safety Cable	Yes	5.00	0.000	0.38	1.04	0.00	0.020	0.000	5.020	0.00	10.00
55.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.14	0.00	0.020	0.000	5.020	0.00	15.73
60.00	Safety Cable	Yes	5.00	0.000	0.38	1.04	0.00	0.020	0.000	5.147	0.00	10.13
60.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.15	0.00	0.020	0.000	5.147	0.00	15.87
65.00	Safety Cable	Yes	5.00	0.000	0.38	1.05	0.00	0.021	0.000	5.266	0.00	10.25
65.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.15	0.00	0.021	0.000	5.266	0.00	16.00
70.00	Safety Cable	Yes	5.00	0.000	0.38	1.06	0.00	0.021	0.000	5.379	0.00	10.37
70.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.16	0.00	0.021	0.000	5.379	0.00	16.12
75.00	Safety Cable	Yes	5.00	0.000	0.38	1.06	0.00	0.022	0.000	5.486	0.00	10.48
75.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.17	0.00	0.022	0.000	5.486	0.00	16.24
80.00	Safety Cable	Yes	5.00	0.000	0.38	1.07	0.00	0.022	0.000	5.588	0.00	10.58
80.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.17	0.00	0.022	0.000	5.588	0.00	16.35
84.00	Safety Cable	Yes	4.00	0.000	0.38	0.86	0.00	0.023	0.000	5.666	0.00	8.53
84.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.94	0.00	0.023	0.000	5.666	0.00	13.15
85.00	Safety Cable	Yes	1.00	0.000	0.38	0.21	0.00	0.023	0.000	5.685	0.00	2.14
85.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.24	0.00	0.023	0.000	5.685	0.00	3.29
89.50	Safety Cable	Yes	4.50	0.000	0.38	0.97	0.00	0.023	0.000	5.770	0.00	9.69
89.50	Step bolts (ladder)	Yes	4.50	0.000	0.63	1.06	0.00	0.023	0.000	5.770	0.00	14.89
90.00	Safety Cable	Yes	0.50	0.000	0.38	0.11	0.00	0.023	0.000	5.779	0.00	1.08
90.00	Step bolts (ladder)	Yes	0.50	0.000	0.63	0.12	0.00	0.023	0.000	5.779	0.00	1.66
95.00	Safety Cable	Yes	5.00	0.000	0.38	1.08	0.00	0.024	0.000	5.869	0.00	10.86
95.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.19	0.00	0.024	0.000	5.869	0.00	16.65
100.00	Safety Cable	Yes	5.00	0.000	0.38	1.09	0.00	0.024	0.000	5.956	0.00	10.95

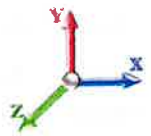
Linear Appurtenance Segment Forces (Factored)

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 21	

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

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 20

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)
100.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.19	0.00	0.024	0.000	5.956	0.00	16.74
105.00	Safety Cable	Yes	5.00	0.000	0.38	1.09	0.00	0.025	0.000	6.039	0.00	11.03
105.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.20	0.00	0.025	0.000	6.039	0.00	16.83
110.00	Safety Cable	Yes	5.00	0.000	0.38	1.10	0.00	0.026	0.000	6.120	0.00	11.11
110.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.20	0.00	0.026	0.000	6.120	0.00	16.92
115.00	Safety Cable	Yes	5.00	0.000	0.38	1.10	0.00	0.026	0.000	6.198	0.00	11.19
115.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.21	0.00	0.026	0.000	6.198	0.00	17.00
117.00	Safety Cable	Yes	2.00	0.000	0.38	0.44	0.00	0.027	0.000	6.229	0.00	4.49
117.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.48	0.00	0.027	0.000	6.229	0.00	6.81
120.00	Safety Cable	Yes	3.00	0.000	0.38	0.66	0.00	0.027	0.000	6.274	0.00	6.76
120.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.73	0.00	0.027	0.000	6.274	0.00	10.25
125.00	Safety Cable	Yes	5.00	0.000	0.38	1.11	0.00	0.028	0.000	6.348	0.00	11.34
125.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.21	0.00	0.028	0.000	6.348	0.00	17.15
128.00	Safety Cable	Yes	3.00	0.000	0.38	0.67	0.00	0.028	0.000	6.391	0.00	6.83
128.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.73	0.00	0.028	0.000	6.391	0.00	10.32
130.00	Safety Cable	Yes	2.00	0.000	0.38	0.45	0.00	0.029	0.000	6.419	0.00	4.56
130.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.49	0.00	0.029	0.000	6.419	0.00	6.89
135.00	Safety Cable	Yes	5.00	0.000	0.38	1.12	0.00	0.030	0.000	6.489	0.00	11.47
135.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.22	0.00	0.030	0.000	6.489	0.00	17.30
139.00	Safety Cable	Yes	4.00	0.000	0.38	0.90	0.00	0.030	0.000	6.543	0.00	9.22
139.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.98	0.00	0.030	0.000	6.543	0.00	13.88
140.00	Safety Cable	Yes	1.00	0.000	0.38	0.22	0.00	0.031	0.000	6.557	0.00	2.31
140.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.25	0.00	0.031	0.000	6.557	0.00	3.47
145.00	Safety Cable	Yes	5.00	0.000	0.38	1.12	0.00	0.031	0.000	6.623	0.00	11.60
145.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.23	0.00	0.031	0.000	6.623	0.00	17.43
149.00	Safety Cable	Yes	4.00	0.000	0.38	0.90	0.00	0.032	0.000	6.674	0.00	9.32
149.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.99	0.00	0.032	0.000	6.674	0.00	13.99
										Totals:	**0.0**	**780.0**

Calculated Forces

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 22	

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

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 20

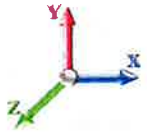
Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-76.26	-7.63	0.00	-823.43	0.00	823.43	6643.18	1657.13	8180.63	8128.53	0.00	0.000	0.000	0.113
5.00	-73.89	-7.53	0.00	-785.26	0.00	785.26	6562.43	1627.93	7894.90	7887.07	0.01	-0.027	0.000	0.111
10.00	-71.54	-7.42	0.00	-747.63	0.00	747.63	6480.38	1598.73	7614.24	7647.59	0.06	-0.054	0.000	0.109
15.00	-69.21	-7.31	0.00	-710.55	0.00	710.55	6397.03	1569.53	7338.67	7410.16	0.13	-0.082	0.000	0.107
20.00	-66.91	-7.20	0.00	-674.02	0.00	674.02	6312.38	1540.34	7068.17	7174.88	0.23	-0.109	0.000	0.105
25.00	-64.64	-7.09	0.00	-638.03	0.00	638.03	6226.42	1511.14	6802.76	6941.83	0.36	-0.137	0.000	0.102
30.00	-62.41	-6.98	0.00	-602.58	0.00	602.58	6139.16	1481.94	6542.42	6711.09	0.52	-0.164	0.000	0.100
35.00	-60.21	-6.87	0.00	-567.68	0.00	567.68	6050.60	1452.74	6287.16	6482.75	0.70	-0.192	0.000	0.098
40.00	-58.05	-6.74	0.00	-533.34	0.00	533.34	5960.74	1423.55	6036.98	6256.90	0.92	-0.219	0.000	0.095
41.50	-57.40	-6.71	0.00	-523.23	0.00	523.23	5933.53	1414.79	5962.92	6189.64	0.99	-0.228	0.000	0.094
45.00	-54.90	-6.62	0.00	-499.75	0.00	499.75	5869.58	1394.35	5791.88	6033.61	1.16	-0.247	0.000	0.092
48.00	-52.77	-6.53	0.00	-479.91	0.00	479.91	4971.57	1227.57	5130.54	5148.64	1.32	-0.264	0.000	0.104
50.00	-52.01	-6.49	0.00	-466.84	0.00	466.84	4942.60	1217.35	5045.48	5075.65	1.44	-0.275	0.000	0.103
55.00	-50.12	-6.36	0.00	-434.39	0.00	434.39	4869.24	1191.81	4835.93	4894.48	1.74	-0.304	0.000	0.099
60.00	-48.26	-6.23	0.00	-402.58	0.00	402.58	4794.58	1166.26	4630.82	4715.21	2.08	-0.333	0.000	0.095
65.00	-46.44	-6.09	0.00	-371.44	0.00	371.44	4718.63	1140.71	4430.16	4537.93	2.44	-0.362	0.000	0.092
70.00	-44.66	-5.96	0.00	-340.97	0.00	340.97	4641.37	1115.16	4233.95	4362.74	2.83	-0.390	0.000	0.088
75.00	-42.91	-5.82	0.00	-311.18	0.00	311.18	4562.80	1089.62	4042.18	4189.70	3.26	-0.417	0.000	0.084
80.00	-41.19	-5.68	0.00	-282.09	0.00	282.09	4482.94	1064.07	3854.85	4018.92	3.71	-0.444	0.000	0.079
84.00	-39.84	-5.56	0.00	-259.38	0.00	259.38	4418.04	1043.63	3708.19	3883.90	4.09	-0.465	0.000	0.076
85.00	-39.33	-5.54	0.00	-253.82	0.00	253.82	4396.40	1038.52	3671.97	3845.78	4.19	-0.471	0.000	0.075
89.50	-37.06	-5.39	0.00	-228.91	0.00	228.91	2828.72	738.43	2599.07	2470.29	4.64	-0.494	0.000	0.106
90.00	-36.93	-5.39	0.00	-226.21	0.00	226.21	2824.36	736.61	2586.24	2460.34	4.70	-0.496	0.000	0.105
95.00	-35.63	-5.25	0.00	-199.27	0.00	199.27	2780.02	718.36	2459.68	2361.28	5.23	-0.528	0.000	0.097
100.00	-34.36	-5.11	0.00	-173.01	0.00	173.01	2734.38	700.11	2336.31	2263.07	5.80	-0.558	0.000	0.089
105.00	-33.11	-4.97	0.00	-147.45	0.00	147.45	2687.43	681.86	2216.10	2165.80	6.40	-0.586	0.000	0.080
110.00	-31.90	-4.83	0.00	-122.58	0.00	122.58	2639.19	663.61	2099.07	2069.55	7.03	-0.611	0.000	0.071
115.00	-30.71	-4.69	0.00	-98.41	0.00	98.41	2589.64	645.37	1985.22	1974.40	7.68	-0.634	0.000	0.062
117.00	-26.18	-4.10	0.00	-89.03	0.00	89.03	2569.45	638.07	1940.56	1936.67	7.95	-0.642	0.000	0.056
120.00	-25.48	-4.02	0.00	-76.73	0.00	76.73	2538.79	627.12	1874.54	1880.44	8.36	-0.654	0.000	0.051
125.00	-24.36	-3.87	0.00	-56.64	0.00	56.64	2486.64	608.87	1767.03	1787.76	9.05	-0.670	0.000	0.042
128.00	-18.07	-2.85	0.00	-45.02	0.00	45.02	2454.72	597.92	1704.05	1732.79	9.48	-0.678	0.000	0.033
130.00	-17.65	-2.80	0.00	-39.31	0.00	39.31	2433.18	590.62	1662.70	1696.43	9.76	-0.683	0.000	0.030
130.00	-17.65	-2.80	0.00	-39.31	0.00	39.31	1188.95	355.68	1004.98	835.07	9.76	-0.683	0.000	0.062
135.00	-16.90	-2.66	0.00	-25.33	0.00	25.33	1172.65	344.60	943.35	797.82	10.48	-0.692	0.000	0.046
139.00	-8.65	-1.54	0.00	-14.68	0.00	14.68	1158.65	335.74	895.45	767.91	11.07	-0.701	0.000	0.027
140.00	-8.51	-1.52	0.00	-13.14	0.00	13.14	1155.02	333.52	883.67	760.42	11.21	-0.702	0.000	0.025
145.00	-7.82	-1.38	0.00	-5.56	0.00	5.56	1136.06	322.44	825.94	722.95	11.95	-0.708	0.000	0.015
149.00	-0.12	-0.03	0.00	-0.03	0.00	0.03	1119.92	313.58	781.16	692.97	12.55	-0.709	0.000	0.000
150.00	0.00	-0.02	0.00	0.00	0.00	0.00	1115.76	311.36	770.16	685.49	12.70	-0.709	0.000	0.000

Seismic Segment Forces (Factored)

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 23	

Load Case: 1.2D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20	**Iterations**	19
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.08	**Ss**	0.19
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.39	**SA**	0.03	**S1**	0.05
						Seismic Importance Factor	1.00



R: 1.50

Top Elev (ft)	Description	Wz (lb)	Hz (lb)	Vertical Ev (lb)	Lateral Fs (lb)
0.00		0.00	0.00	0.00	0.00
5.00		1726.3	2.50	69.24	0.02
10.00		1698.0	7.50	68.10	0.14
15.00		1669.7	12.50	66.97	0.37
20.00		1641.4	17.50	65.83	0.71
25.00		1613.1	22.50	64.70	1.13
30.00		1584.8	27.50	63.56	1.63
35.00		1556.5	32.50	62.43	2.19
40.00		1528.2	37.50	61.29	2.81
41.50	Bot - Section 2	452.96	40.75	18.17	0.29
45.00		1896.5	43.25	76.06	5.76
48.00	Top - Section 1	1604.8	46.50	64.37	4.77
50.00		527.66	49.00	21.16	0.57
55.00		1301.8	52.50	52.21	4.00
60.00		1277.0	57.50	51.22	4.62
65.00		1252.2	62.50	50.23	5.24
70.00		1227.5	67.50	49.23	5.88
75.00		1202.7	72.50	48.24	6.51
80.00		1177.9	77.50	47.25	7.14
84.00	Bot - Section 3	924.56	82.00	37.08	4.92
85.00		375.38	84.50	15.06	0.86
89.50	Top - Section 2	1668.1	87.25	66.90	18.14
90.00		84.90	89.75	3.41	0.05
95.00		839.30	92.50	33.66	5.16
100.00		821.61	97.50	32.95	5.49
105.00		803.92	102.50	32.24	5.81
110.00		786.23	107.50	31.53	6.12
115.00		768.54	112.50	30.82	6.40
117.00	Appurtenance(s)	2661.5	116.00	106.75	81.61
120.00		444.78	118.50	17.84	2.38
125.00		727.15	122.50	29.16	6.79
128.00	Appurtenance(s)	3427.9	126.50	137.48	160.99
130.00	Top - Section 3	262.46	129.00	10.53	0.98
135.00		419.48	132.50	16.82	2.64
139.00	Appurtenance(s)	4757.1	137.00	190.79	363.66
140.00		75.90	139.50	3.04	0.10
145.00		373.04	142.50	14.96	2.42
149.00	Appurtenance(s)	3751.5	147.00	150.46	260.38
150.00		60.59	149.50	2.43	0.07
	Totals:	**48,974.2**		**1,964.2**	**988.7**

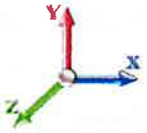
Total Wind: **33,098.4**

Calculated Forces

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 24	

SBA

Load Case: 1.2D + 1.0Ev + 1.0Eh



Gust Response Factor	1.10			**Sds**	0.20			**Iterations**	19
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.08			**Ss**	0.19
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.39	**SA**	0.03	**Seismic Importance Factor**	1.00	**S1**	0.05

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-59.99	-0.99	0.00	-134.19	0.00	134.19	6643.18	1657.13	8180.63	8128.53		0.00	0.00	0.026
5.00	-57.88	-1.00	0.00	-129.24	0.00	129.24	6562.43	1627.93	7894.90	7887.07		0.00	0.00	0.025
10.00	-55.80	-1.00	0.00	-124.27	0.00	124.27	6480.38	1598.73	7614.24	7647.59		0.01	-0.01	0.025
15.00	-53.76	-1.00	0.00	-119.27	0.00	119.27	6397.03	1569.53	7338.67	7410.16		0.02	-0.01	0.024
20.00	-51.75	-1.01	0.00	-114.26	0.00	114.26	6312.38	1540.34	7068.17	7174.88		0.04	-0.02	0.024
25.00	-49.77	-1.01	0.00	-109.23	0.00	109.23	6226.42	1511.14	6802.76	6941.83		0.06	-0.02	0.024
30.00	-47.83	-1.01	0.00	-104.19	0.00	104.19	6139.16	1481.94	6542.42	6711.09		0.09	-0.03	0.023
35.00	-45.93	-1.01	0.00	-99.14	0.00	99.14	6050.60	1452.74	6287.16	6482.75		0.12	-0.03	0.023
40.00	-44.06	-1.01	0.00	-94.09	0.00	94.09	5960.74	1423.55	6036.98	6256.90		0.15	-0.04	0.022
41.50	-43.51	-1.01	0.00	-92.58	0.00	92.58	5933.53	1414.79	5962.92	6189.64		0.17	-0.04	0.022
45.00	-41.17	-1.00	0.00	-89.05	0.00	89.05	5869.58	1394.35	5791.88	6033.61		0.20	-0.04	0.022
48.00	-39.20	-1.00	0.00	-86.03	0.00	86.03	4971.57	1227.57	5130.54	5148.64		0.22	-0.05	0.025
50.00	-38.56	-1.00	0.00	-84.03	0.00	84.03	4942.60	1217.35	5045.48	5075.65		0.24	-0.05	0.024
55.00	-36.97	-1.00	0.00	-79.02	0.00	79.02	4869.24	1191.81	4835.93	4894.48		0.29	-0.05	0.024
60.00	-35.41	-1.00	0.00	-74.03	0.00	74.03	4794.58	1166.26	4630.82	4715.21		0.35	-0.06	0.023
65.00	-33.89	-0.99	0.00	-69.04	0.00	69.04	4718.63	1140.71	4430.16	4537.93		0.42	-0.06	0.022
70.00	-32.39	-0.99	0.00	-64.08	0.00	64.08	4641.37	1115.16	4233.95	4362.74		0.48	-0.07	0.022
75.00	-30.93	-0.98	0.00	-59.14	0.00	59.14	4562.80	1089.62	4042.18	4189.70		0.56	-0.07	0.021
80.00	-29.49	-0.98	0.00	-54.22	0.00	54.22	4482.94	1064.07	3854.85	4018.92		0.64	-0.08	0.020
84.00	-28.37	-0.97	0.00	-50.32	0.00	50.32	4418.04	1043.63	3708.19	3883.90		0.71	-0.08	0.019
85.00	-27.91	-0.97	0.00	-49.35	0.00	49.35	4396.40	1038.52	3671.97	3845.78		0.72	-0.08	0.019
89.50	-25.86	-0.95	0.00	-44.98	0.00	44.98	2828.72	738.43	2599.07	2470.29		0.80	-0.09	0.027
90.00	-25.76	-0.95	0.00	-44.50	0.00	44.50	2824.36	736.61	2586.24	2460.34		0.81	-0.09	0.027
95.00	-24.74	-0.95	0.00	-39.75	0.00	39.75	2780.02	718.36	2459.68	2361.28		0.91	-0.09	0.026
100.00	-23.75	-0.94	0.00	-35.01	0.00	35.01	2734.38	700.11	2336.31	2263.07		1.01	-0.10	0.024
105.00	-22.78	-0.94	0.00	-30.29	0.00	30.29	2687.43	681.86	2216.10	2165.80		1.12	-0.11	0.022
110.00	-21.83	-0.93	0.00	-25.60	0.00	25.60	2639.19	663.61	2099.07	2069.55		1.24	-0.11	0.021
115.00	-20.91	-0.92	0.00	-20.94	0.00	20.94	2589.64	645.37	1985.22	1974.40		1.36	-0.12	0.019
117.00	-17.62	-0.84	0.00	-19.09	0.00	19.09	2569.45	638.07	1940.56	1936.67		1.41	-0.12	0.017
120.00	-17.08	-0.83	0.00	-16.58	0.00	16.58	2538.79	627.12	1874.54	1880.44		1.48	-0.12	0.016
125.00	-16.21	-0.83	0.00	-12.41	0.00	12.41	2486.64	608.87	1767.03	1787.76		1.61	-0.12	0.013
128.00	-11.97	-0.66	0.00	-9.93	0.00	9.93	2454.72	597.92	1704.05	1732.79		1.69	-0.13	0.011
130.00	-11.65	-0.66	0.00	-8.62	0.00	8.62	2433.18	590.62	1662.70	1696.43		1.74	-0.13	0.010
130.00	-11.65	-0.66	0.00	-8.62	0.00	8.62	1188.95	355.68	1004.98	835.07		1.74	-0.13	0.020
135.00	-11.15	-0.65	0.00	-5.34	0.00	5.34	1172.65	344.60	943.35	797.82		1.88	-0.13	0.016
139.00	-5.26	-0.27	0.00	-2.73	0.00	2.73	1158.65	335.74	895.45	767.91		1.99	-0.13	0.008
140.00	-5.17	-0.27	0.00	-2.46	0.00	2.46	1155.02	333.52	883.67	760.42		2.01	-0.13	0.008
145.00	-4.72	-0.27	0.00	-1.09	0.00	1.09	1136.06	322.44	825.94	722.95		2.15	-0.13	0.006
149.00	-0.08	0.00	0.00	0.00	0.00	0.00	1119.92	313.58	781.16	692.97		2.26	-0.13	0.000
150.00	0.00	0.00	0.00	0.00	0.00	0.00	1115.76	311.36	770.16	685.49		2.29	-0.13	0.000

Seismic Segment Forces (Factored)

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 25

Load Case: 0.9D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20	**Iterations**	19
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.08	**Ss**	0.19
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.39	**SA**	0.03	**S1**	0.05
						Seismic Importance Factor	1.00

R: 1.50

Top Elev (ft)	Description	Wz (lb)	Hz (lb)	Vertical Ev (lb)	Lateral Fs (lb)
0.00		0.00	0.00	0.00	0.00
5.00		1692.8	2.50	67.90	0.02
10.00		1664.5	7.50	66.76	0.14
15.00		1636.2	12.50	65.63	0.36
20.00		1607.9	17.50	64.49	0.69
25.00		1579.6	22.50	63.35	1.10
30.00		1551.3	27.50	62.22	1.58
35.00		1523.0	32.50	61.08	2.13
40.00		1494.7	37.50	59.95	2.73
41.50	Bot - Section 2	442.90	40.75	17.76	0.28
45.00		1873.0	43.25	75.12	5.70
48.00	Top - Section 1	1584.7	46.50	63.56	4.71
50.00		514.26	49.00	20.63	0.55
55.00		1268.3	52.50	50.87	3.85
60.00		1243.5	57.50	49.87	4.44
65.00		1218.7	62.50	48.88	5.04
70.00		1194.0	67.50	47.89	5.64
75.00		1169.2	72.50	46.89	6.24
80.00		1144.4	77.50	45.90	6.83
84.00	Bot - Section 3	897.75	82.00	36.01	4.70
85.00		368.67	84.50	14.79	0.84
89.50	Top - Section 2	1638.0	87.25	65.70	17.73
90.00		81.55	89.75	3.27	0.05
95.00		805.79	92.50	32.32	4.82
100.00		788.10	97.50	31.61	5.13
105.00		770.41	102.50	30.90	5.41
110.00		752.72	107.50	30.19	5.68
115.00		735.03	112.50	29.48	5.94
117.00	Appurtenance(s)	2648.1	116.00	106.21	81.92
120.00		425.58	118.50	17.07	2.21
125.00		695.14	122.50	27.88	6.30
128.00	Appurtenance(s)	3408.7	126.50	136.71	161.43
130.00	Top - Section 3	254.46	129.00	10.21	0.94
135.00		399.47	132.50	16.02	2.43
139.00	Appurtenance(s)	4741.1	137.00	190.15	366.28
140.00		73.14	139.50	2.93	0.09
145.00		359.27	142.50	14.41	2.28
149.00	Appurtenance(s)	3740.5	147.00	150.02	262.48
150.00		60.59	149.50	2.43	0.07
	Totals:	**48,048.1**		**1,927.0**	**988.7**

Total Wind: **33,098.4**

Calculated Forces

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 26	

Load Case: 0.9D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20			**Iterations**	19
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.08			**Ss**	0.19
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.39	**SA**	0.03	**Seismic Importance Factor**	1.00	**S1**	0.05

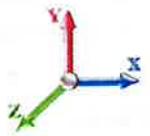
Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-45.45	-0.99	0.00	-133.35	0.00	133.35	6643.18	1657.13	8180.63	8128.53		0.00	0.00	0.023
5.00	-43.85	-0.99	0.00	-128.40	0.00	128.40	6562.43	1627.93	7894.90	7887.07		0.00	0.00	0.023
10.00	-42.27	-1.00	0.00	-123.43	0.00	123.43	6480.38	1598.73	7614.24	7647.59		0.01	-0.01	0.023
15.00	-40.72	-1.00	0.00	-118.45	0.00	118.45	6397.03	1569.53	7338.67	7410.16		0.02	-0.01	0.022
20.00	-39.20	-1.00	0.00	-113.45	0.00	113.45	6312.38	1540.34	7068.17	7174.88		0.04	-0.02	0.022
25.00	-37.71	-1.00	0.00	-108.45	0.00	108.45	6226.42	1511.14	6802.76	6941.83		0.06	-0.02	0.022
30.00	-36.24	-1.00	0.00	-103.44	0.00	103.44	6139.16	1481.94	6542.42	6711.09		0.09	-0.03	0.021
35.00	-34.80	-1.00	0.00	-98.42	0.00	98.42	6050.60	1452.74	6287.16	6482.75		0.12	-0.03	0.021
40.00	-33.38	-1.00	0.00	-93.40	0.00	93.40	5960.74	1423.55	6036.98	6256.90		0.15	-0.04	0.021
41.50	-32.96	-1.00	0.00	-91.90	0.00	91.90	5933.53	1414.79	5962.92	6189.64		0.16	-0.04	0.020
45.00	-31.19	-1.00	0.00	-88.39	0.00	88.39	5869.58	1394.35	5791.88	6033.61		0.19	-0.04	0.020
48.00	-29.70	-0.99	0.00	-85.40	0.00	85.40	4971.57	1227.57	5130.54	5148.64		0.22	-0.04	0.023
50.00	-29.21	-0.99	0.00	-83.42	0.00	83.42	4942.60	1217.35	5045.48	5075.65		0.24	-0.05	0.022
55.00	-28.01	-0.99	0.00	-78.45	0.00	78.45	4869.24	1191.81	4835.93	4894.48		0.29	-0.05	0.022
60.00	-26.83	-0.99	0.00	-73.49	0.00	73.49	4794.58	1166.26	4630.82	4715.21		0.35	-0.06	0.021
65.00	-25.67	-0.98	0.00	-68.55	0.00	68.55	4718.63	1140.71	4430.16	4537.93		0.41	-0.06	0.021
70.00	-24.54	-0.98	0.00	-63.63	0.00	63.63	4641.37	1115.16	4233.95	4362.74		0.48	-0.07	0.020
75.00	-23.43	-0.97	0.00	-58.73	0.00	58.73	4562.80	1089.62	4042.18	4189.70		0.55	-0.07	0.019
80.00	-22.34	-0.97	0.00	-53.86	0.00	53.86	4482.94	1064.07	3854.85	4018.92		0.63	-0.08	0.018
84.00	-21.49	-0.96	0.00	-49.99	0.00	49.99	4418.04	1043.63	3708.19	3883.90		0.70	-0.08	0.018
85.00	-21.14	-0.96	0.00	-49.03	0.00	49.03	4396.40	1038.52	3671.97	3845.78		0.72	-0.08	0.018
89.50	-19.59	-0.94	0.00	-44.70	0.00	44.70	2828.72	738.43	2599.07	2470.29		0.80	-0.09	0.025
90.00	-19.52	-0.94	0.00	-44.23	0.00	44.23	2824.36	736.61	2586.24	2460.34		0.81	-0.09	0.025
95.00	-18.75	-0.94	0.00	-39.51	0.00	39.51	2780.02	718.36	2459.68	2361.28		0.90	-0.09	0.023
100.00	-18.00	-0.94	0.00	-34.80	0.00	34.80	2734.38	700.11	2336.31	2263.07		1.01	-0.10	0.022
105.00	-17.26	-0.93	0.00	-30.13	0.00	30.13	2687.43	681.86	2216.10	2165.80		1.11	-0.11	0.020
110.00	-16.55	-0.92	0.00	-25.47	0.00	25.47	2639.19	663.61	2099.07	2069.55		1.23	-0.11	0.019
115.00	-15.84	-0.92	0.00	-20.85	0.00	20.85	2589.64	645.37	1985.22	1974.40		1.35	-0.12	0.017
117.00	-13.35	-0.83	0.00	-19.01	0.00	19.01	2569.45	638.07	1940.56	1936.67		1.40	-0.12	0.015
120.00	-12.95	-0.83	0.00	-16.52	0.00	16.52	2538.79	627.12	1874.54	1880.44		1.47	-0.12	0.014
125.00	-12.28	-0.82	0.00	-12.37	0.00	12.37	2486.64	608.87	1767.03	1787.76		1.60	-0.12	0.012
128.00	-9.07	-0.65	0.00	-9.90	0.00	9.90	2454.72	597.92	1704.05	1732.79		1.68	-0.13	0.009
130.00	-8.83	-0.65	0.00	-8.59	0.00	8.59	2433.18	590.62	1662.70	1696.43		1.73	-0.13	0.009
130.00	-8.83	-0.65	0.00	-8.59	0.00	8.59	1188.95	355.68	1004.98	835.07		1.73	-0.13	0.018
135.00	-8.45	-0.65	0.00	-5.33	0.00	5.33	1172.65	344.60	943.35	797.82		1.86	-0.13	0.014
139.00	-3.99	-0.27	0.00	-2.73	0.00	2.73	1158.65	335.74	895.45	767.91		1.97	-0.13	0.007
140.00	-3.92	-0.27	0.00	-2.45	0.00	2.45	1155.02	333.52	883.67	760.42		2.00	-0.13	0.007
145.00	-3.58	-0.27	0.00	-1.08	0.00	1.08	1136.06	322.44	825.94	722.95		2.14	-0.13	0.005
149.00	-0.06	0.00	0.00	0.00	0.00	0.00	1119.92	313.58	781.16	692.97		2.25	-0.13	0.000
150.00	0.00	0.00	0.00	0.00	0.00	0.00	1115.76	311.36	770.16	685.49		2.27	-0.13	0.000

Wind Loading - Shaft

Structure: CT13073-A
Site Name: Groton North
Height: 150.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 8/18/2023
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 20

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	5.435	5.98	253.75	0.730	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.70	5.435	5.98	249.31	0.730	0.000	5.00	25.164	18.37	109.8	0.0	1592.4
10.00		1.00	0.70	5.435	5.98	244.88	0.730	0.000	5.00	24.720	18.05	107.9	0.0	1564.0
15.00		1.00	0.70	5.435	5.98	240.45	0.730	0.000	5.00	24.277	17.72	106.0	0.0	1535.7
20.00		1.00	0.70	5.435	5.98	236.01	0.730	0.000	5.00	23.833	17.40	104.0	0.0	1507.4
25.00		1.00	0.70	5.435	5.98	231.58	0.730	0.000	5.00	23.390	17.07	102.1	0.0	1479.1
30.00		1.00	0.70	5.440	5.98	227.24	0.730	0.000	5.00	22.946	16.75	100.2	0.0	1450.8
35.00		1.00	0.73	5.685	6.25	227.77	0.730	0.000	5.00	22.503	16.43	102.7	0.0	1422.5
40.00		1.00	0.76	5.906	6.50	227.53	0.730	0.000	5.00	22.059	16.10	104.6	0.0	1394.2
41.50	Bot - Section 2	1.00	0.77	5.968	6.57	227.34	0.730	0.000	1.50	6.531	4.77	31.3	0.0	412.7
45.00		1.00	0.79	6.108	6.72	226.69	0.730	0.000	3.50	15.343	11.20	75.3	0.0	1802.7
48.00	Top - Section 1	1.00	0.80	6.222	6.84	225.95	0.730	0.000	3.00	12.979	9.47	64.8	0.0	1524.5
50.00		1.00	0.81	6.295	6.92	229.34	0.730	0.000	2.00	8.564	6.25	43.3	0.0	474.0
55.00		1.00	0.83	6.468	7.12	227.65	0.730	0.000	5.00	21.099	15.40	109.6	0.0	1167.8
60.00		1.00	0.85	6.631	7.29	225.60	0.730	0.000	5.00	20.655	15.08	110.0	0.0	1143.0
65.00		1.00	0.87	6.785	7.46	223.24	0.730	0.000	5.00	20.212	14.75	110.1	0.0	1118.2
70.00		1.00	0.89	6.930	7.62	220.61	0.730	0.000	5.00	19.768	14.43	110.0	0.0	1093.5
75.00		1.00	0.91	7.068	7.77	217.74	0.730	0.000	5.00	19.324	14.11	109.7	0.0	1068.7
80.00		1.00	0.93	7.199	7.92	214.65	0.730	0.000	5.00	18.881	13.78	109.2	0.0	1043.9
84.00	Bot - Section 3	1.00	0.94	7.300	8.03	212.04	0.730	0.000	4.00	14.785	10.79	86.7	0.0	817.3
85.00		1.00	0.94	7.325	8.06	211.37	0.730	0.000	1.00	3.705	2.70	21.8	0.0	348.6
89.50	Top - Section 2	1.00	0.96	7.434	8.18	208.27	0.730	0.000	4.50	16.452	12.01	98.2	0.0	1547.5
90.00		1.00	0.96	7.446	8.19	211.01	0.730	0.000	0.50	1.806	1.32	10.8	0.0	71.5
95.00		1.00	0.97	7.562	8.32	207.42	0.730	0.000	5.00	17.815	13.00	108.2	0.0	705.3
100.00		1.00	0.99	7.673	8.44	203.67	0.730	0.000	5.00	17.371	12.68	107.0	0.0	687.6
105.00		1.00	1.00	7.781	8.56	199.79	0.730	0.000	5.00	16.928	12.36	105.8	0.0	669.9
110.00		1.00	1.02	7.885	8.67	195.79	0.730	0.000	5.00	16.484	12.03	104.4	0.0	652.2
115.00		1.00	1.03	7.986	8.78	191.66	0.730	0.000	5.00	16.040	11.71	102.9	0.0	634.5
117.00	Appurtenance(s)	1.00	1.03	8.025	8.83	189.98	0.730	0.000	2.00	6.292	4.59	40.5	0.0	248.8
120.00		1.00	1.04	8.084	8.89	187.42	0.730	0.000	3.00	9.305	6.79	60.4	0.0	368.0
125.00		1.00	1.05	8.178	9.00	183.08	0.730	0.000	5.00	15.153	11.06	99.5	0.0	599.1
128.00	Appurtenance(s)	1.00	1.06	8.234	9.06	180.43	0.730	0.000	3.00	8.879	6.48	58.7	0.0	351.0
130.00	Top - Section 3	1.00	1.07	8.271	9.10	178.64	0.730	0.000	2.00	5.831	4.26	38.7	0.0	230.4
135.00		1.00	1.08	8.360	9.20	174.04	0.730	0.000	5.00	14.264	10.41	95.8	0.0	339.4
139.00	Appurtenance(s)	1.00	1.09	8.430	9.27	170.30	0.730	0.000	4.00	11.088	8.09	75.1	0.0	263.8
140.00		1.00	1.09	8.448	9.29	169.36	0.730	0.000	1.00	2.727	1.99	18.5	0.0	64.9
145.00		1.00	1.10	8.533	9.39	164.59	0.730	0.000	5.00	13.366	9.76	91.6	0.0	318.0
149.00	Appurtenance(s)	1.00	1.11	8.599	9.46	160.71	0.730	0.000	4.00	10.370	7.57	71.6	0.0	246.6
150.00		1.00	1.11	8.616	9.48	159.74	0.730	0.000	1.00	2.548	1.86	17.6	0.0	60.6
								Totals:	**150.00**			**3,124.2**		**32,020.4**

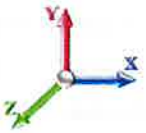
Discrete Appurtenance Forces

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 28	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 20

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	149.00	Samsung RF4440d-13A	3	.8.599	9.459	0.79	0.90	4.44	210.99	0.000	0.000	42.03	0.00	0.00
2	149.00	Andrew LNX-6512DS-A1M	3	8.599	9.459	0.75	0.90	11.41	86.10	0.000	0.000	107.90	0.00	0.00
3	149.00	JMA MX06FR0660-02	6	8.599	9.459	0.78	0.90	46.37	342.00	0.000	0.000	438.62	0.00	0.00
4	149.00	Samsung MT6407-77A	3	8.599	9.459	0.63	0.90	8.86	237.12	0.000	0.000	83.85	0.00	0.00
5	149.00	Kaelus KA-603-	4	8.599	9.459	0.74	0.90	2.83	70.40	0.000	0.000	26.81	0.00	0.00
6	149.00	Samsung RF4439d-25A	3	8.599	9.459	0.79	0.90	4.44	224.10	0.000	0.000	42.03	0.00	0.00
7	149.00	Raycap	1	8.599	9.459	0.90	0.90	3.41	32.00	0.000	0.000	32.27	0.00	0.00
8	149.00	Low Profile Platform w/	1	8.599	9.459	1.00	1.00	43.70	2258.11	0.000	0.000	413.37	0.00	0.00
9	139.00	Radio 4415 B25	4	8.430	9.273	0.50	0.75	3.30	184.00	0.000	0.000	30.57	0.00	0.00
10	139.00	4424 B25	3	8.430	9.273	0.50	0.75	3.09	264.00	0.000	0.000	28.66	0.00	0.00
11	139.00	4449 B71 + B85	3	8.430	9.273	0.50	0.75	2.97	219.60	0.000	0.000	27.54	0.00	0.00
12	139.00	AIR6449 B41	3	8.430	9.273	0.53	0.75	9.03	309.00	0.000	0.000	83.70	0.00	0.00
13	139.00	APXVAARR24_43-U-NA2	3	8.430	9.273	0.52	0.75	31.88	384.00	0.000	0.000	295.61	0.00	0.00
14	139.00	Air 3246 B66	3	8.430	9.273	0.62	0.75	14.83	540.00	0.000	0.000	137.50	0.00	0.00
15	139.00	RMQP-4096-HK	1	8.430	9.273	0.67	0.67	22.27	1945.00	0.000	0.000	206.52	0.00	0.00
16	139.00	Antenna Pipes	12	8.430	9.273	0.75	0.75	17.10	583.68	0.000	0.000	158.57	0.00	0.00
17	128.00	DMP65R-BU4DA	1	8.234	9.057	0.74	0.75	6.15	69.70	0.000	0.000	55.68	0.00	0.00
18	128.00	Antenna Pipes	9	8.234	9.057	0.75	0.75	12.82	437.76	0.000	0.000	116.16	0.00	0.00
19	128.00	7770.00A	3	8.234	9.057	0.54	0.75	8.97	81.00	0.000	0.000	81.29	0.00	0.00
20	128.00	Low Profile Platform	1	8.234	9.057	1.00	1.00	26.56	1600.00	0.000	0.000	240.56	0.00	0.00
21	128.00	HPA-65R-BU4AA	1	8.234	9.057	0.70	0.75	3.47	28.70	0.000	0.000	31.42	0.00	0.00
22	128.00	DC6-48-60-18-8F	2	8.234	9.057	0.75	0.75	1.38	63.60	0.000	0.000	12.50	0.00	0.00
23	128.00	HPA-65R-BU8AA	2	8.234	9.057	0.65	0.75	14.49	108.00	0.000	0.000	131.21	0.00	0.00
24	128.00	DMP65R-BU8DA	2	8.234	9.057	0.54	0.75	19.30	191.40	0.000	0.000	174.80	0.00	0.00
25	128.00	4449	3	8.234	9.057	0.50	0.75	2.49	210.00	0.000	0.000	22.53	0.00	0.00
26	128.00	B2 B66A 8843	3	8.234	9.057	0.50	0.75	2.47	210.00	0.000	0.000	22.39	0.00	0.00
27	117.00	MC-PK8-DSH	1	8.025	8.828	0.67	0.67	22.57	1727.00	0.000	0.000	199.21	0.00	0.00
28	117.00	RDIDC-9181-PF-48	1	8.025	8.828	0.38	0.75	0.75	21.90	0.000	0.000	6.65	0.00	0.00
29	117.00	TA08025-B604	3	8.025	8.828	0.50	0.75	2.95	191.70	0.000	0.000	26.08	0.00	0.00
30	117.00	TA08025-B605	3	8.025	8.828	0.50	0.75	2.95	225.00	0.000	0.000	26.08	0.00	0.00
31	117.00	MX08FRO665-21	3	8.025	8.828	0.55	0.75	20.80	193.50	0.000	0.000	183.58	0.00	0.00
							Totals:		**13,249.36**			**3,485.70**		

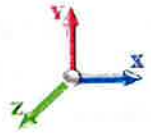
Total Applied Force Summary

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 29	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 20

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		109.83	1704.05	0.00	0.00
10.00		107.89	1675.75	0.00	0.00
15.00		105.96	1647.44	0.00	0.00
20.00		104.02	1619.14	0.00	0.00
25.00		102.08	1590.83	0.00	0.00
30.00		100.23	1562.52	0.00	0.00
35.00		102.72	1534.22	0.00	0.00
40.00		104.61	1505.91	0.00	0.00
41.50		31.30	446.25	0.00	0.00
45.00		75.25	1880.88	0.00	0.00
48.00		64.84	1591.48	0.00	0.00
50.00		43.29	518.73	0.00	0.00
55.00		109.59	1279.48	0.00	0.00
60.00		109.99	1254.72	0.00	0.00
65.00		110.11	1229.95	0.00	0.00
70.00		110.00	1205.18	0.00	0.00
75.00		109.67	1180.41	0.00	0.00
80.00		109.15	1155.65	0.00	0.00
84.00		86.67	906.69	0.00	0.00
85.00		21.79	370.91	0.00	0.00
89.50		98.21	1648.07	0.00	0.00
90.00		10.80	82.67	0.00	0.00
95.00		108.17	816.96	0.00	0.00
100.00		107.03	799.27	0.00	0.00
105.00		105.77	781.58	0.00	0.00
110.00		104.37	763.89	0.00	0.00
115.00		102.86	746.20	0.00	0.00
117.00	(11) attachments	482.16	2652.63	0.00	0.00
120.00		60.40	431.98	0.00	0.00
125.00		99.52	705.81	0.00	0.00
128.00	(27) attachments	947.26	3415.16	0.00	0.00
130.00		38.72	257.13	0.00	0.00
135.00		95.76	406.14	0.00	0.00
139.00	(32) attachments	1043.74	4746.46	0.00	0.00
140.00		18.50	74.06	0.00	0.00
145.00		91.58	363.86	0.00	0.00
149.00	(24) attachments	1258.46	3744.18	0.00	0.00
150.00		17.62	60.59	0.00	0.00
	Totals:	**6,609.94**	**48,356.81**	**0.00**	**0.00**

Linear Appurtenance Segment Forces (Factored)

Structure:	CT13073-A		**Code:**	TIA-222-H	8/18/2023
Site Name:	Groton North		**Exposure:**	B	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 30

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00

Iterations 20

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	5.435	0.00	1.37
5.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	5.435	0.00	5.20
10.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	5.435	0.00	1.37
10.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	5.435	0.00	5.20
15.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	5.435	0.00	1.37
15.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	5.435	0.00	5.20
20.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	5.435	0.00	1.37
20.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	5.435	0.00	5.20
25.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	5.435	0.00	1.37
25.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	5.435	0.00	5.20
30.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	5.440	0.00	1.37
30.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	5.440	0.00	5.20
35.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.019	0.000	5.685	0.00	1.37
35.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.019	0.000	5.685	0.00	5.20
40.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.019	0.000	5.906	0.00	1.37
40.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.019	0.000	5.906	0.00	5.20
41.50	Safety Cable	Yes	1.50	0.000	0.38	0.05	0.00	0.019	0.000	5.968	0.00	0.41
41.50	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.08	0.00	0.019	0.000	5.968	0.00	1.56
45.00	Safety Cable	Yes	3.50	0.000	0.38	0.11	0.00	0.020	0.000	6.108	0.00	0.96
45.00	Step bolts (ladder)	Yes	3.50	0.000	0.63	0.18	0.00	0.020	0.000	6.108	0.00	3.64
48.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.020	0.000	6.222	0.00	0.82
48.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.020	0.000	6.222	0.00	3.12
50.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.020	0.000	6.295	0.00	0.55
50.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.020	0.000	6.295	0.00	2.08
55.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.020	0.000	6.468	0.00	1.37
55.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.020	0.000	6.468	0.00	5.20
60.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.020	0.000	6.631	0.00	1.37
60.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.020	0.000	6.631	0.00	5.20
65.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.021	0.000	6.785	0.00	1.37
65.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.021	0.000	6.785	0.00	5.20
70.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.021	0.000	6.930	0.00	1.37
70.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.021	0.000	6.930	0.00	5.20
75.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.022	0.000	7.068	0.00	1.37
75.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.022	0.000	7.068	0.00	5.20
80.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.022	0.000	7.199	0.00	1.37
80.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.022	0.000	7.199	0.00	5.20
84.00	Safety Cable	Yes	4.00	0.000	0.38	0.13	0.00	0.023	0.000	7.300	0.00	1.09
84.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.21	0.00	0.023	0.000	7.300	0.00	4.16
85.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.023	0.000	7.325	0.00	0.27
85.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.023	0.000	7.325	0.00	1.04
89.50	Safety Cable	Yes	4.50	0.000	0.38	0.14	0.00	0.023	0.000	7.434	0.00	1.23
89.50	Step bolts (ladder)	Yes	4.50	0.000	0.63	0.24	0.00	0.023	0.000	7.434	0.00	4.68
90.00	Safety Cable	Yes	0.50	0.000	0.38	0.02	0.00	0.023	0.000	7.446	0.00	0.14
90.00	Step bolts (ladder)	Yes	0.50	0.000	0.63	0.03	0.00	0.023	0.000	7.446	0.00	0.52
95.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.024	0.000	7.562	0.00	1.37
95.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.024	0.000	7.562	0.00	5.20
100.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.024	0.000	7.673	0.00	1.37

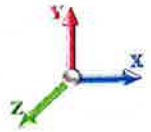
Linear Appurtenance Segment Forces (Factored)

Structure:	CT13073-A	**Code:**	TIA-222-H	8/18/2023	
Site Name:	Groton North	**Exposure:**	B		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 31	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 20

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)
100.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.024	0.000	7.673	0.00	5.20
105.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.025	0.000	7.781	0.00	1.37
105.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.025	0.000	7.781	0.00	5.20
110.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.026	0.000	7.885	0.00	1.37
110.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.026	0.000	7.885	0.00	5.20
115.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.026	0.000	7.986	0.00	1.37
115.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.026	0.000	7.986	0.00	5.20
117.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.027	0.000	8.025	0.00	0.55
117.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.027	0.000	8.025	0.00	2.08
120.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.027	0.000	8.084	0.00	0.82
120.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.027	0.000	8.084	0.00	3.12
125.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.028	0.000	8.178	0.00	1.37
125.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.028	0.000	8.178	0.00	5.20
128.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.028	0.000	8.234	0.00	0.82
128.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.028	0.000	8.234	0.00	3.12
130.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.029	0.000	8.271	0.00	0.55
130.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.029	0.000	8.271	0.00	2.08
135.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.030	0.000	8.360	0.00	1.37
135.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.030	0.000	8.360	0.00	5.20
139.00	Safety Cable	Yes	4.00	0.000	0.38	0.13	0.00	0.030	0.000	8.430	0.00	1.09
139.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.21	0.00	0.030	0.000	8.430	0.00	4.16
140.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.031	0.000	8.448	0.00	0.27
140.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.031	0.000	8.448	0.00	1.04
145.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.031	0.000	8.533	0.00	1.37
145.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.031	0.000	8.533	0.00	5.20
149.00	Safety Cable	Yes	4.00	0.000	0.38	0.13	0.00	0.032	0.000	8.599	0.00	1.09
149.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.21	0.00	0.032	0.000	8.599	0.00	4.16
										Totals:	**0.0**	**195.6**

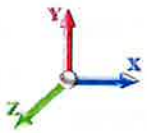
Calculated Forces

Structure: CT13073-A
Site Name: Groton North
Height: 150.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 8/18/2023
Exposure: B
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II Page: 32

SBA

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



Iterations 20

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-48.36	-6.62	0.00	-731.93	0.00	731.93	6643.18	1657.13	8180.63	8128.53	0.00	0.000	0.000	0.097
5.00	-46.65	-6.53	0.00	-698.83	0.00	698.83	6562.43	1627.93	7894.90	7887.07	0.01	-0.024	0.000	0.096
10.00	-44.97	-6.44	0.00	-666.18	0.00	666.18	6480.38	1598.73	7614.24	7647.59	0.05	-0.048	0.000	0.094
15.00	-43.32	-6.35	0.00	-633.98	0.00	633.98	6397.03	1569.53	7338.67	7410.16	0.12	-0.073	0.000	0.092
20.00	-41.70	-6.26	0.00	-602.23	0.00	602.23	6312.38	1540.34	7068.17	7174.88	0.20	-0.097	0.000	0.091
25.00	-40.11	-6.17	0.00	-570.93	0.00	570.93	6226.42	1511.14	6802.76	6941.83	0.32	-0.122	0.000	0.089
30.00	-38.54	-6.09	0.00	-540.06	0.00	540.06	6139.16	1481.94	6542.42	6711.09	0.46	-0.147	0.000	0.087
35.00	-37.00	-6.00	0.00	-509.62	0.00	509.62	6050.60	1452.74	6287.16	6482.75	0.63	-0.171	0.000	0.085
40.00	-35.50	-5.90	0.00	-479.65	0.00	479.65	5960.74	1423.55	6036.98	6256.90	0.82	-0.196	0.000	0.083
41.50	-35.05	-5.87	0.00	-470.80	0.00	470.80	5933.53	1414.79	5962.92	6189.64	0.88	-0.204	0.000	0.082
45.00	-33.17	-5.80	0.00	-450.26	0.00	450.26	5869.58	1394.35	5791.88	6033.61	1.04	-0.221	0.000	0.080
48.00	-31.57	-5.73	0.00	-432.86	0.00	432.86	4971.57	1227.57	5130.54	5148.64	1.18	-0.236	0.000	0.090
50.00	-31.05	-5.70	0.00	-421.40	0.00	421.40	4942.60	1217.35	5045.48	5075.65	1.28	-0.246	0.000	0.089
55.00	-29.77	-5.60	0.00	-392.91	0.00	392.91	4869.24	1191.81	4835.93	4894.48	1.56	-0.272	0.000	0.086
60.00	-28.52	-5.49	0.00	-364.92	0.00	364.92	4794.58	1166.26	4630.82	4715.21	1.85	-0.299	0.000	0.083
65.00	-27.28	-5.39	0.00	-337.46	0.00	337.46	4718.63	1140.71	4430.16	4537.93	2.18	-0.325	0.000	0.080
70.00	-26.08	-5.28	0.00	-310.51	0.00	310.51	4641.37	1115.16	4233.95	4362.74	2.54	-0.350	0.000	0.077
75.00	-24.90	-5.18	0.00	-284.10	0.00	284.10	4562.80	1089.62	4042.18	4189.70	2.92	-0.375	0.000	0.073
80.00	-23.74	-5.07	0.00	-258.21	0.00	258.21	4482.94	1064.07	3854.85	4018.92	3.32	-0.400	0.000	0.070
84.00	-22.83	-4.98	0.00	-237.94	0.00	237.94	4418.04	1043.63	3708.19	3883.90	3.67	-0.419	0.000	0.066
85.00	-22.46	-4.96	0.00	-232.96	0.00	232.96	4396.40	1038.52	3671.97	3845.78	3.76	-0.424	0.000	0.066
89.50	-20.81	-4.85	0.00	-210.63	0.00	210.63	2828.72	738.43	2599.07	2470.29	4.17	-0.445	0.000	0.093
90.00	-20.73	-4.85	0.00	-208.21	0.00	208.21	2824.36	736.61	2586.24	2460.34	4.21	-0.448	0.000	0.092
95.00	-19.91	-4.74	0.00	-183.96	0.00	183.96	2780.02	718.36	2459.68	2361.28	4.70	-0.477	0.000	0.085
100.00	-19.11	-4.64	0.00	-160.24	0.00	160.24	2734.38	700.11	2336.31	2263.07	5.21	-0.505	0.000	0.078
105.00	-18.33	-4.53	0.00	-137.04	0.00	137.04	2687.43	681.86	2216.10	2165.80	5.75	-0.531	0.000	0.070
110.00	-17.56	-4.43	0.00	-114.37	0.00	114.37	2639.19	663.61	2099.07	2069.55	6.32	-0.554	0.000	0.062
115.00	-16.82	-4.32	0.00	-92.22	0.00	92.22	2589.64	645.37	1985.22	1974.40	6.92	-0.576	0.000	0.053
117.00	-14.17	-3.82	0.00	-83.57	0.00	83.57	2569.45	638.07	1940.56	1936.67	7.16	-0.583	0.000	0.049
120.00	-13.73	-3.76	0.00	-72.12	0.00	72.12	2538.79	627.12	1874.54	1880.44	7.53	-0.594	0.000	0.044
125.00	-13.03	-3.65	0.00	-53.34	0.00	53.34	2486.64	608.87	1767.03	1787.76	8.16	-0.609	0.000	0.035
128.00	-9.62	-2.67	0.00	-42.39	0.00	42.39	2454.72	597.92	1704.05	1732.79	8.55	-0.617	0.000	0.028
130.00	-9.37	-2.63	0.00	-37.05	0.00	37.05	2433.18	590.62	1662.70	1696.43	8.81	-0.621	0.000	0.026
130.00	-9.37	-2.63	0.00	-37.05	0.00	37.05	1188.95	355.68	1004.98	835.07	8.81	-0.621	0.000	0.052
135.00	-8.96	-2.53	0.00	-23.91	0.00	23.91	1172.65	344.60	943.35	797.82	9.46	-0.630	0.000	0.038
139.00	-4.23	-1.43	0.00	-13.80	0.00	13.80	1158.65	335.74	895.45	767.91	9.99	-0.638	0.000	0.022
140.00	-4.15	-1.41	0.00	-12.36	0.00	12.36	1155.02	333.52	883.67	760.42	10.13	-0.640	0.000	0.020
145.00	-3.79	-1.32	0.00	-5.29	0.00	5.29	1136.06	322.44	825.94	722.95	10.80	-0.645	0.000	0.011
149.00	-0.06	-0.02	0.00	-0.02	0.00	0.02	1119.92	313.58	781.16	692.97	11.34	-0.646	0.000	0.000
150.00	0.00	-0.02	0.00	0.00	0.00	0.00	1115.76	311.36	770.16	685.49	11.48	-0.646	0.000	0.000

Final Analysis Summary

Structure:	CT13073-A		**Code:**	TIA-222-H	8/18/2023
Site Name:	Groton North		**Exposure:**	B	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 33

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 127 mph Wind	33.2	0.00	57.99	0.00	0.00	3682.41
0.9D + 1.0W 127 mph Wind	33.1	0.00	43.49	0.00	0.00	3654.06
1.2D + 1.0Di + 1.0Wi 50 mph Wind	7.6	0.00	76.26	0.00	0.00	823.43
1.2D + 1.0Ev + 1.0Eh	1.0	0.00	59.99	0.00	0.00	134.19
0.9D + 1.0Ev + 1.0Eh	1.0	0.00	45.45	0.00	0.00	133.35
1.0D + 1.0W 60 mph Wind	6.6	0.00	48.36	0.00	0.00	731.93

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 127 mph Wind	-57.99	-33.16	0.00	-3682.4	0.00	-3682.4	6643.18	1657.1	8180.63	8128.53	0.00	0.462
0.9D + 1.0W 127 mph Wind	-43.49	-33.14	0.00	-3654.0	0.00	-3654.0	6643.18	1657.1	8180.63	8128.53	0.00	0.456
1.2D + 1.0Di + 1.0Wi 50 mph Wind	-76.26	-7.63	0.00	-823.43	0.00	-823.43	6643.18	1657.1	8180.63	8128.53	0.00	0.113
1.2D + 1.0Ev + 1.0Eh	-25.86	-0.95	0.00	-44.98	0.00	-44.98	2828.72	738.43	2599.07	2470.29	89.50	0.027
0.9D + 1.0Ev + 1.0Eh	-19.59	-0.94	0.00	-44.70	0.00	-44.70	2828.72	738.43	2599.07	2470.29	89.50	0.025
1.0D + 1.0W 60 mph Wind	-48.36	-6.62	0.00	-731.93	0.00	-731.93	6643.18	1657.1	8180.63	8128.53	0.00	0.097

Base Plate Summary

Structure:	CT13073-A		**Code:**	TIA-222-H	8/18/2023
Site Name:	Groton North		**Exposure:**	B	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 34

SBA

Reactions		Base Plate		Anchor Bolts	
Original Design		**Yield (ksi):**	50.00	**Bolt Circle:**	65.00
Moment (kip-ft):	6114.40	**Width (in):**	69.50	**Number Bolts:**	34.00
Axial (kip):	94.80	**Style:**	Round	**Bolt Type:**	1.5" F1554 105
Shear (kip):	55.60	**Polygon Sides:**	0.00	**Bolt Diameter (in):**	1.50
		Clip Length (in):	0.00	**Yield (ksi):**	105.00
Analysis (1.2D + 1.0W)				**Ultimate (ksi):**	125.00
Moment (kip-ft):	3682.41	**Effective Len (in):**	7.86	**Arrangement:**	Radial
Axial (kip):	57.99	**Moment (kip-in):**	204.21	**Cluster Dist (in):**	0.00
Shear (kip):	33.16	**Allow Stress (ksi):**	67.50	**Start Angle (deg):**	0.00
		Applied Stress (ksi):	50.63	Compression	
		Stress Ratio:	0.75	**Force (kip):**	81.69
				Allowable (kip):	167.00
				Ratio:	0.49
				Tension	
				Force (kip):	78.27
				Allowable (kip):	132.19
				Ratio:	0.59

Stiffened or Unstiffened, Exterior Flange Plate - Any Bolt Material TIA Rev H

Site Data

Reactions		
Mu	186.70	ft-kips
Axial, Pu:	10.56	kips
Shear, Vu:	13.25	kips
Elevation:	130	feet

Bolt Threads:
X-Excluded
φVn=φ(0.55*Ab*Fu)
φ=0.75, φ*Vn (kips):
38.88

Pole Manufacturer:	Other

If No stiffeners, Criteria:	TIA G

<-Only Applcable to Unstiffened Cases

Rigid
φ*Tn
φTn[(1-(Vu/φVn)^2]^0.5

Bolt Data			
Qty:	8		
Diameter (in.):	1	Bolt Fu:	120
Bolt Material:	A325	Bolt Fy:	92
N/A:		<-- Disregard	
N/A:		<-- Disregard	
Circle (in.):	38		

Plate Data		
Diam:	41.25	in
Thick, t:	1.75	in
Grade (Fy):	50	ksi
Strength, Fu:	65	ksi
Single-Rod B-eff:	8.52	in

Stiffener Data (Welding at Both Sides)		
Config:	0	*
Weld Type:		
Groove Depth:		<-- Disregard
Groove Angle:		<-- Disregard
Fillet H. Weld:		in
Fillet V. Weld:		in
Width:		in
Height:		in
Thick:		in
Notch:		in
Grade:		ksi
Weld str.:		ksi

Pole Data		
Diam:	34.24	in
Thick:	0.1875	in
Grade:	65	ksi
# of Sides:	18	"0" IF Round
Fu	80	ksi
Reinf. Fillet Weld	0	"0" if None

Flange Bolt Results

Bolt Tension Capacity, φ*Tn,**B1**:	54.54	kips
Adjusted φ*Tn (due to Vu=Vu/Qty), **B**:	54.49	kips
Max Bolt directly applied Tu:	28.16	Kips
Min. PL "tc" for **B** cap. **w/o** Pry:	0.776	in
Min PL "treq" for actual **T w/ Pry:**	0.408	in
Min PL "t1" for actual **T w/o Pry:**	0.558	in
T allowable w/o Prying:	54.54	kips
Prying Force, q:	0.00	kips
Total Bolt Tension=Tu+q:	28.16	kips
Non-Prying Bolt Stress Ratio, Tu/B:	51.7%	Pass

α'<0 case

Exterior Flange Plate Results Flexural Check

Compression Side Plate Stress:	4.5	ksi
Allowable Plate Stress:	45.0	ksi
Compression Plate Stress Ratio:	10.0%	Pass
No Prying		
Tension Side Stress Ratio, (treq/t)^2:	5.4%	Pass

Rigid
TIA G
φ*Fy
Comp. Y.L. Length: 16.48

n/a

Stiffener Results

Horizontal Weld :	n/a
Vertical Weld:	n/a
Plate Flex+Shear, fb/Fb+(fv/Fv)^2:	n/a
Plate Tension+Shear, ft/Ft+(fv/Fv)^2:	n/a
Plate Comp. (AISC Bracket):	n/a

Pole Results

Pole Punching Shear Check: n/a

* 0 = none, 1 = every bolt, 2 = every 2 bolts, 3 = 2 per bolt

** Note: for complete joint penetration groove welds the groove depth must be exactly 1/2 the stiffener thickness for calculation purposes

Analysis Date: 8/18/2023

Reaction Comparison Table

Site ID:	CT13073-A	
Design TIA:	TIA-222-G	
Current TIA:	TIA-222-H	*Select*
Component:	Monopole Base	*Select*

TIA-222-G Compared To TIA-222-H

MONOPOLE BASE FOUNDATION REACTION COMPARISON

REACTIONS	ORIGINAL DESIGN REACTIONS	ANALYSIS REACTIONS	% RATING
MOMENT (kip-ft)	6114.4	3682.4	60.2%
SHEAR (kips)	55.6	33.2	59.6%

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

Antenna Mount Analysis Report with Hardware Upgrades and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10208529
Colliers Engineering & Design CT, P.C. Project #: 23777247

August 14, 2023

Site Information	*Site ID:*	*5000092653-VZW / GROTON 6 CT*
	Site Name:	*GROTON 6 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*1662 Gold Star Memorial Hwy* *Groton, Connecticut 06340* *New London County*
	Latitude:	*41.38566666°*
	Longitude:	*-72.01330555°*
Structure Information	*Tower Type:*	*151-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 17136840

Analysis Results

Platform Mount: **98.6% Pass w/ Hardware Upgrades***

*** 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: Ismaias Recinos

08/14/2023

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Previous Scope Radio Frequency Data Sheet (RFDS)	*Verizon RFDS, Site ID: 323996, dated July 28, 2021*
Mount Mapping Report	*Hudson Design Group, LLC, Site ID: 535825, dated June 8, 2021*
Previous Mount Analysis	*Maser Consulting Connecticut, Project #: 21781065A, dated: August 26, 2021*
Mount Modification Drawings	*Maser Consulting Connecticut, Project #: 21781065A, dated: September 30, 2021*
Filter Add Scope	*SBA Colocation Application #: 234551, V1, dated August 2, 2023*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}	130 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	N/A
	Topographic Feature Considered:	N/A
	Topographic Method:	Method 1
	Ground Elevation Factor, K_e:	0.991
Seismic Parameters:	S_S:	0.190 g
	S_1:	0.052 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
147.50	149.00	6	JMA Wireless	MX06FRO660-02	Retained
		3	Samsung	MT6407-77A	
		1	Raycap	RVZDC-6627-PF-48	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		3	Andrew	LNX-6512DS-A1M	
		4	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-12AB-0Z	6	OVP-6
RVZDC-6627-PF-48	12	OVP-12

Standard Conditions:

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

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

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

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

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

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

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

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

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

8. It is assumed that the mount modifications listed under Sources of Information have been installed per the design specifications.

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	15.6 %	Pass
Standoff Horizontal	32.9 %	Pass
Platform Crossmember	17.6 %	Pass
Corner Plate	20.5 %	Pass
Grating Support	17.0 %	Pass
Cross Arm Plate	36.1 %	Pass
Mount Pipe	29.2 %	Pass
Support Rail	12.5 %	Pass
Support Rail Corner	22.9 %	Pass
Threaded Rod	98.6 %	Pass
Connection	74.3%	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**98.6%**

* Results valid after hardware upgrades noted in the PMI Requirements are installed.

BASELINE mount weight per SBA agreement: 2258.11 lbs

Increase in mount weight due to Verizon loading change per SBA agreement: 0.00 lbs

The weights listed above include 3 sector(s).

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

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	26.3	26.2	43.7	43.6
0.5	34.5	34.4	58.8	58.4
1	42.1	41.8	73.1	72.6

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 will be **SUFFICIENT** for the final loading configuration shown in attachment 2 upon the completion of the requirements listed below.

Contractor shall verify modifications detailed in Construction Drawings by Maser Consulting Connecticut, Project #: 21781065A, dated: September 30, 2021, have been installed prior to installation of equipment. **Escalate any discrepancies to EOR immediately as it may render the results of this analysis invalid and require additional modifications**.

Contractor shall install the proposed filter units on new Site Pro 1 Dual Swivel Mount Kit (Part #: RRUDSM or EOR approved equivalent) in the location shown in the placement diagrams.

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

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

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MDG #: 5000092653 SMART Project #: 10208529 Fuze Project ID: 17136840

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

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

Base Requirements:

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

Photo Requirements:

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

- These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.

- Photos that show the model number of each antenna and piece of equipment installed per sector.

Antenna & equipment placement and Geometry Confirmation:

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

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

OR

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

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

Issue:

Contractor shall verify modifications detailed in Construction Drawings by Maser Consulting Connecticut, Project #: 21781065A, dated: September 30, 2021, have been installed prior to installation of equipment. **Escalate any discrepancies to EOR immediately as it may render the results of this analysis invalid and require additional modifications**.

Contractor shall install the proposed filter units on new Site Pro 1 Dual Swivel Mount Kit (Part #: RRUDSM or EOR approved equivalent) in the location shown in the placement diagrams.

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: 5000092653-VZW - GROTON 6 CT

Sector: A

Structure Type: Monopole

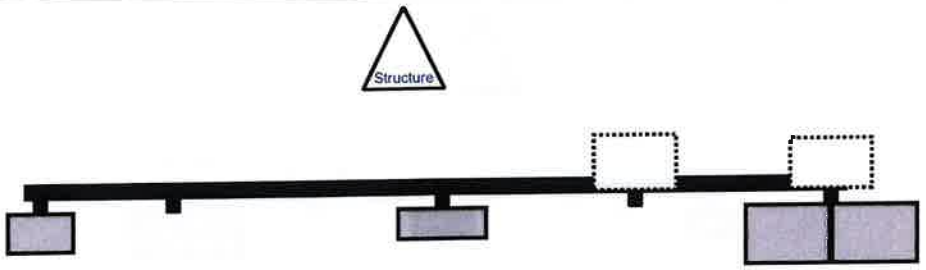
Mount Elev: 147.50

10208529

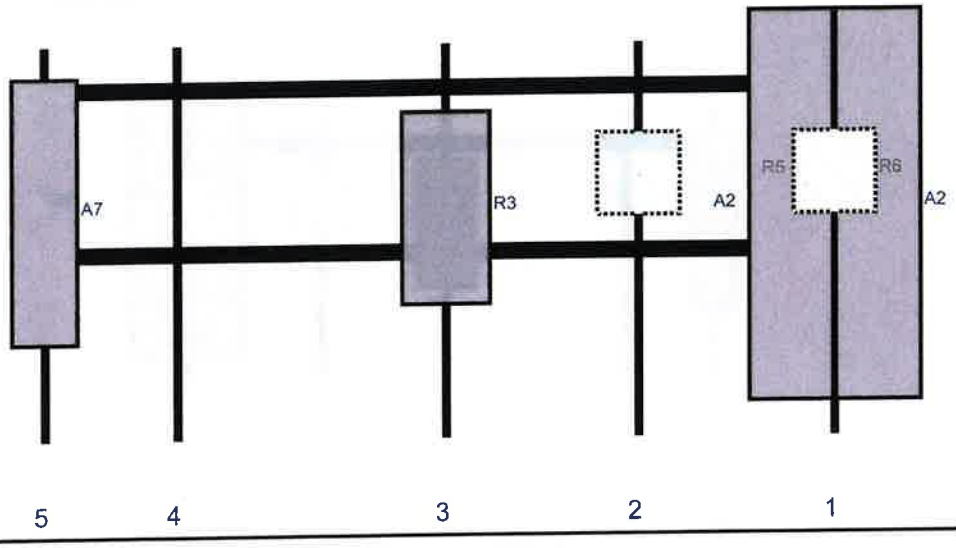
8/10/2023

Colliers Engineering & Design

Plan View

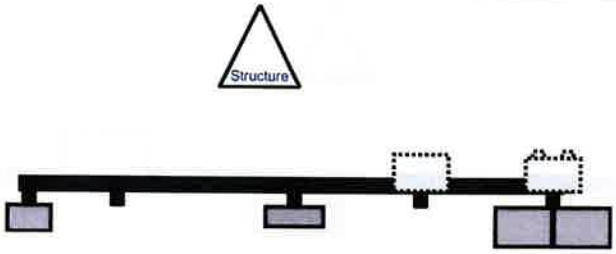


Front View - Looking at Structure

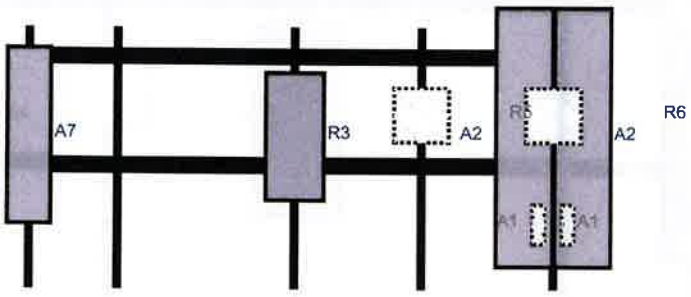


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	MX06FRO660-02	71.3	15.4	147	1	a	Front	30	8	Retained	
A2	MX06FRO660-02	71.3	15.4	147	1	b	Front	30	-8	Retained	
R6	RF4440d-13A	15	15	147	1	a	Behind	24	0	Retained	
R5	RF4439d-25A	15	15	111	2	a	Behind	24	0	Retained	
R3	MT6407-77A	35.1	16.1	76	3	a	Front	30	0	Retained	
A7	LNX-6512DS-A1M	48.5	11.9	3	5	a	Front	30	0	Retained	06/08/2021
OVP	RVZDC-6627-PF-48	29.5	16.5		Member					Retained	

Plan View



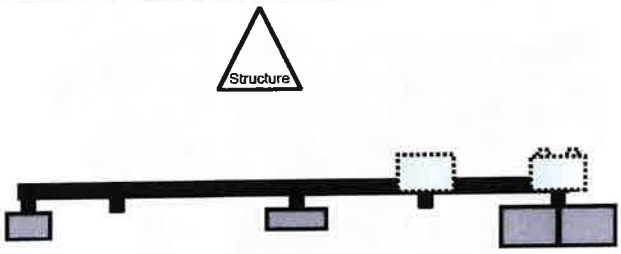
Front View - Looking at Structure



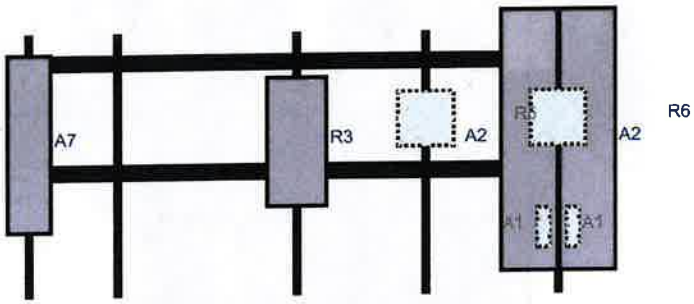
5 4 3 2 1

Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	MX06FRO660-02	71.3	15.4	147	1	a	Front	30	8	Retained	
A2	MX06FRO660-02	71.3	15.4	147	1	b	Front	30	-8	Retained	
A1	KA-6030	10.6	3.2	147	1	a	Behind	54	-4	Added	
A1	KA-6030	10.6	3.2	147	1	b	Behind	54	4	Added	
R6	RF4440d-13A	15	15	147	1	a	Behind	24	0	Retained	
R5	RF4439d-25A	15	15	111	2	a	Behind	24	0	Retained	
R3	MT6407-77A	35.1	16.1	76	3	a	Front	30	0	Retained	
A7	LNX-6512DS-A1M	48.5	11.9	3	5	a	Front	30	0	Retained	06/08/2021

Plan View

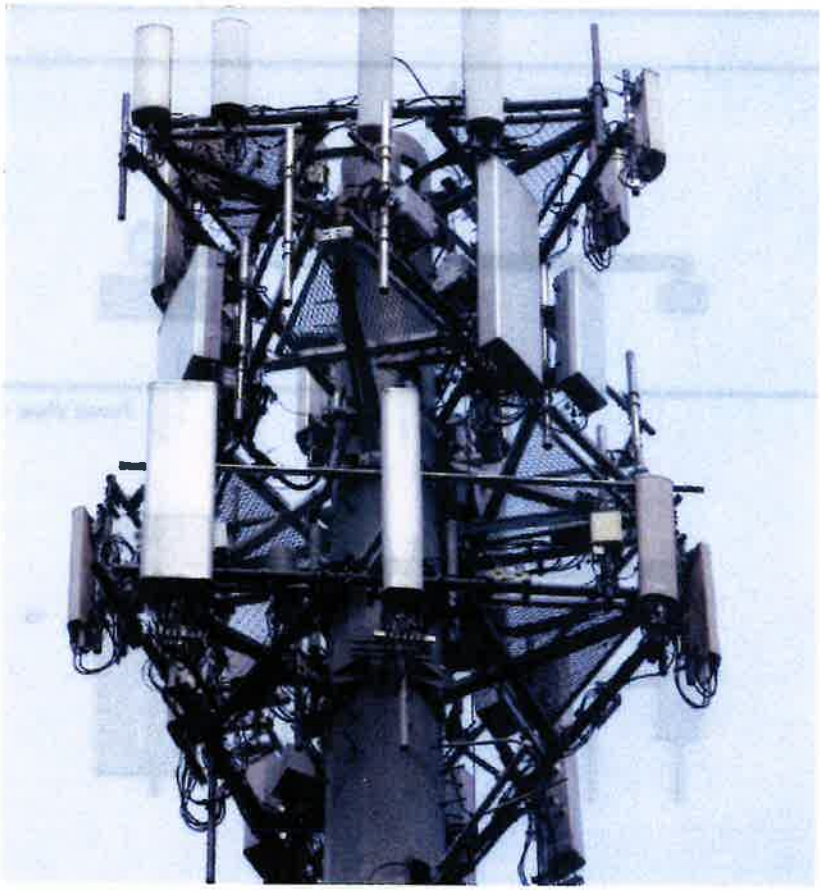


Front View - Looking at Structure



5 4 3 2 1

Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	MX06FRO660-02	71.3	15.4	147	1	a	Front	30	8	Retained	
A2	MX06FRO660-02	71.3	15.4	147	1	b	Front	30	-8	Retained	
A1	KA-6030	10.6	3.2	147	1	a	Behind	54	-4	Added	
A1	KA-6030	10.6	3.2	147	1	b	Behind	54	4	Added	
R6	RF4440d-13A	15	15	147	1	a	Behind	24	0	Retained	
R5	RF4439d-25A	15	15	111	2	a	Behind	24	0	Retained	
R3	MT6407-77A	35.1	16.1	76	3	a	Front	30	0	Retained	
A7	LNX-6512DS-A1M	48.5	11.9	3	5	a	Front	30	0	Retained	06/08/2021



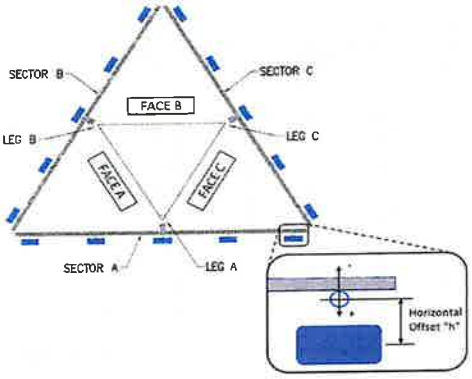
V4.0 Updated on 3-31-2021

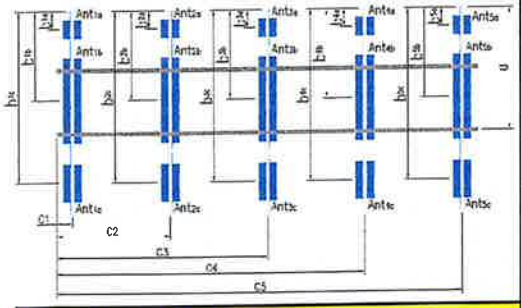
Antenna Mount Mapping Form (PATENT PENDING)

FCC # 1257146

Tower Owner:	SBA	Mapping Date:	6/8/2021
Site Name:	GROTON 6 CT	Tower Type:	Monopole
Site Number or ID:	535825	Tower Height (Ft.):	150.8
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	Mount Elevation (Ft.):	147.8

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





Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2" STD. PIPE X 72" LONG	38.00	3.00	C1	2" STD. PIPE X 72" LONG	38.00	3.00
A2	2" STD. PIPE X 72" LONG	38.00	39.00	C2	2" STD. PIPE X 72" LONG	38.00	39.00
A3	2" STD. PIPE X 72" LONG	38.00	74.00	C3	2" STD. PIPE X 72" LONG	38.00	74.00
A4	2" STD. PIPE X 72" LONG	38.00	123.00	C4	2" STD. PIPE X 72" LONG	38.00	123.00
A5	2" STD. PIPE X 72" LONG	38.00	147.00	C5	2" STD. PIPE X 72" LONG	38.00	147.00
A6				C6			
B1	2" STD. PIPE X 72" LONG	38.00	3.00	D1			
B2	2" STD. PIPE X 72" LONG	38.00	39.00	D2			
B3	2" STD. PIPE X 72" LONG	38.00	74.00	D3			
B4	2" STD. PIPE X 72" LONG	38.00	123.00	D4			
B5	2" STD. PIPE X 72" LONG	38.00	147.00	D5			
B6				D6			

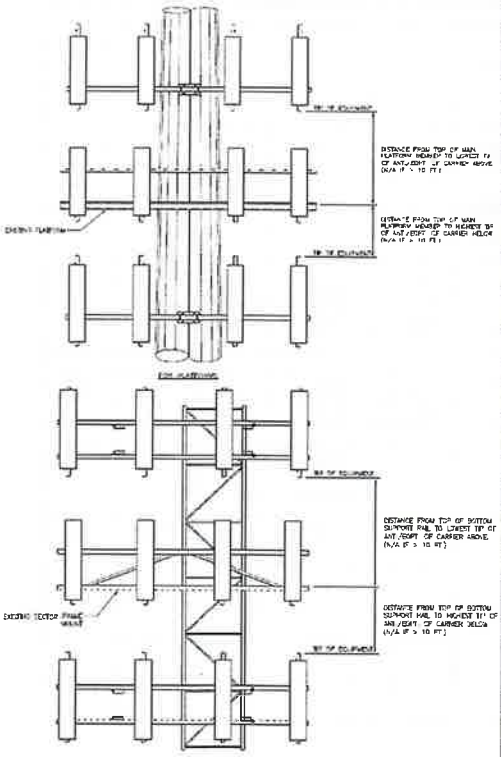
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	
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
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.	0.375

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b},..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
	Sector A									
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										1,7
Ant_{2a}	B4 RRH 2X60-4R	11.00	5.50	36.00		150.217	9.00	-7.00		1,7
Ant_{2b}	HBXX-6517DS-A2M	12.00	6.50	75.00		147.967	36.00	8.50	40.00	
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	BXA-70063-6CF	11.00	5.00	71.00		147.967	36.00	13.00	40.00	1,8
Ant_{3c}	RFS	10.50	2.00	7.00		149.3	20.00	-2.00		
Ant_{4a}										
Ant_{4b}	HBXX-6516DS-A2M	12.00	6.50	51.00		148.55	29.00	8.50	40.00	2,8
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	UNKNOWN	12.00	7.50	48.50		148.717	27.00	7.50	40.00	2,9
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

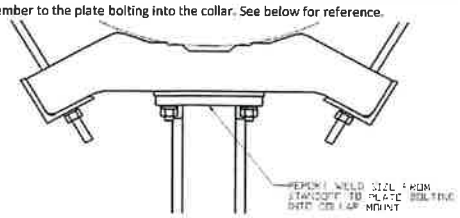
Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	40.00	Deg	Leg A:		Deg
Sector B:	160.00	Deg	Leg B:		Deg
Sector C:	280.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	208.00	Deg	N/A
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.

Please insert a photo of the mount centerline measurement here.



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



Sector B										
Ant_{1a}										
Ant_{1b}	BXA-70063-6CF	11.00	5.00	71.00		147.967	36.00	18.00	130.00	3,9
Ant_{1c}										
Ant_{2a}	B4 RRH 2X60-4R	11.00	5.50	36.00		150.217	9.00	-7.00		9,10
Ant_{2b}	HBXX-6517DS-A2M	12.00	6.50	75.00		147.967	36.00	8.50	130.00	3,9
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	RFS	10.50	2.00	7.00		149.3	20.00	-2.00		10
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	HBXX-6516DS-A2M	12.00	6.50	51.00		148.55	29.00	8.50	130.00	4,11
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	UNKNOWN	12.00	7.50	48.50		148.717	27.00	7.50	130.00	4,11
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	B4 RRH 2X60-4R	11.00	5.50	36.00		150.217	9.00	-7.00		7,12
Ant_{2b}	HBXX-6517DS-A2M	12.00	6.50	75.00		147.967	36.00	8.50	280.00	5,12
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	BXA-70063-6CF	11.00	5.00	71.00		147.967	36.00	18.00	280.00	5,13
Ant_{3c}	RFS	10.50	2.00	7.00		149.3	20.00	-2.00		13,27
Ant_{4a}										
Ant_{4b}	HBXX-6516DS-A2M	12.00	6.50	51.00		148.55	29.00	8.50	280.00	6,13
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	UNKNOWN	12.00	7.50	48.50		148.717	27.00	7.50	280.00	6,13
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		

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

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

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

V4.0 Updated on 3-31-2021

MASER CONSULTING P.A

Antenna Mount Mapping Form (PATENT PENDING)

FCC # 1257146

Tower Owner:	SBA	Mapping Date:	6/8/2021
Site Name:	GROTON 6 CT	Tower Type:	Monopole
Site Number or ID:	535825	Tower Height (Ft.):	150.8
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	Mount Elevation (Ft.):	147.8

Please enter information about transmission lines.

Transmission Line Type (Pick from List)	Quantity	Diameter/Size (in.) Please add a description if using type "Other".	Located on Tower Face	Photo #	Additional Comments
All Sectors					
Coax	12	1-5/8" Ø	INSIDE	82,83	
Hybrid	1	1-1/4" Ø	INSIDE	82,83	

Please enter information about additional RF equipment.

Equipment Type (Pick from List)	Quantity	Model Numbers if Known	Width (in.)	Depth (in.)	Height (in.)	Location	Photo #	Additional Comments
Sector A								
OVP	1	UNKNOWN	15.00	10.00	28.00	MOUNTED ON STANDOFF	35	2-3/8" STD. PIPE X 72" LONG
Sector B								
Sector C								

Equipment Type (Pick from List)	Quantity	Model Numbers if Known	Width (in.)	Depth (in.)	Height (in.)	Location	Photo #	Additional Comments
Sector D								
Ground Equipment								

V4.0 Updated on 3-31-2021

MASER CONSULTING P.A.

Antenna Mount Mapping Form (PATENT PENDING)

FCC #: 1257146

Tower Owner:	SBA	Mapping Date:	6/8/2021
Site Name:	GROTON 6 CT	Tower Type:	Monopole
Site Number or ID:	535825	Tower Height (Ft.):	150.8
Mapping Contractor:	HUDSON DESIGN GROUP, LLC	Mount Elevation (Ft.):	147.8

Please Insert Sketches of the Antenna Mount

DATE: 6-8-21
Project Name:
Project No.: Groton 6 CT
Design By: Peter B Chk'd By: _____ Page 1 of 1

HDG HUDSON Design Group LLC
45 BEECHWOOD DRIVE
NORTH ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

~~Top of Mount~~: A
M ℄: 147' 10"

Ant. Pipes: 2 3/8" x 1/8" x 72"
Face pipe:
- Dia: 3 1/2"
- Length: 12'6"
- Attaching bolts: 1/2"
"A" Plate: 6" x 10" x 3 1/2" x 1/2"
Grating Angle: 2" x 2" x 3/16" x 52"
"B" Plate: 5 1/4" x 3 1/2" x 6" x 3/8"
~~HSS~~ or Angle:
H.S.S.:
- Size: 4"x4"
- Flange: 10"x10"x5/8"
- Bolts: (4) 5/8"
- Tower to "A" Plate: 69"
Collar:
- Size: 10" x 3/8"
- T.R.: (2) 3/4"
- Tower Width: 31"

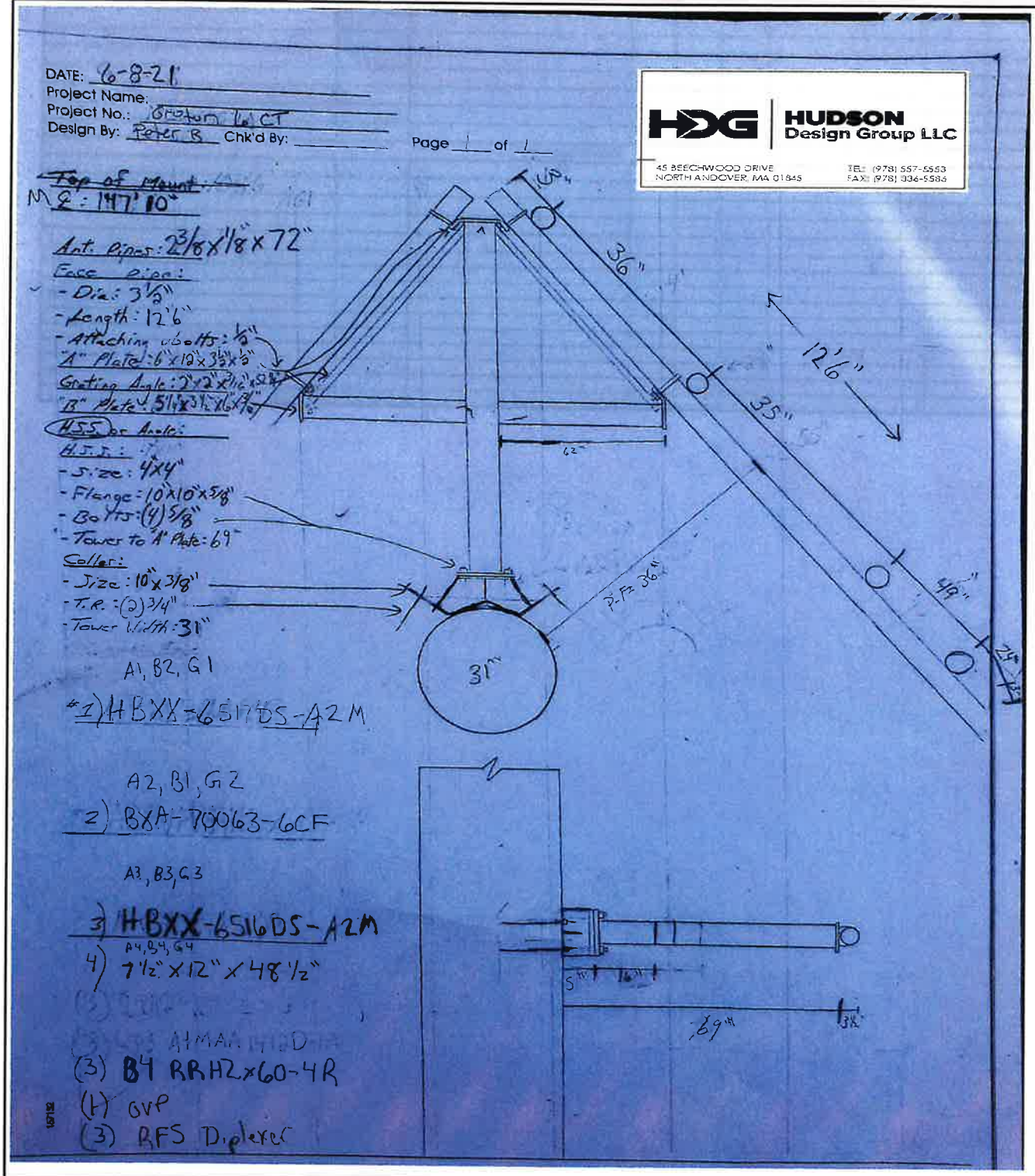
A1, B2, G1
1) HBXX-6517DS-A2M

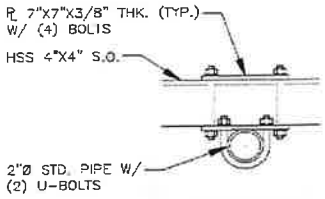
A2, B1, G2
2) BXA-70063-6CF

A3, B3, G3
3) HBXX-6516DS-A2M

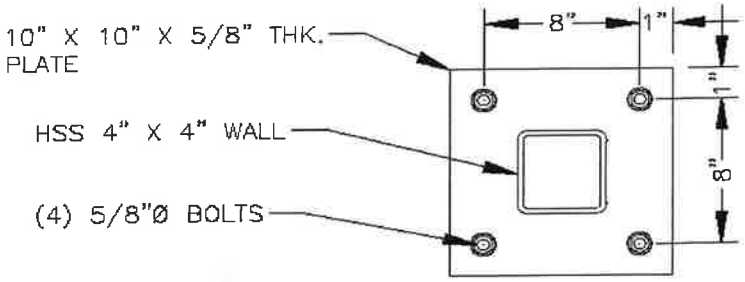
A4, B4, G4
4) 7 1/2" x 12" x 48 1/2"

ANTENNA MOUNT
(3) B4 RRH2x60-4R
(4) OVP
(3) RFS Diplexer

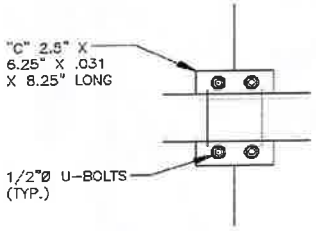




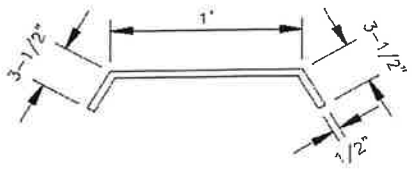
S.O. MOUNT DETAIL



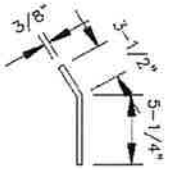
STANDOFF TO RING
MOUNT CONNECTION



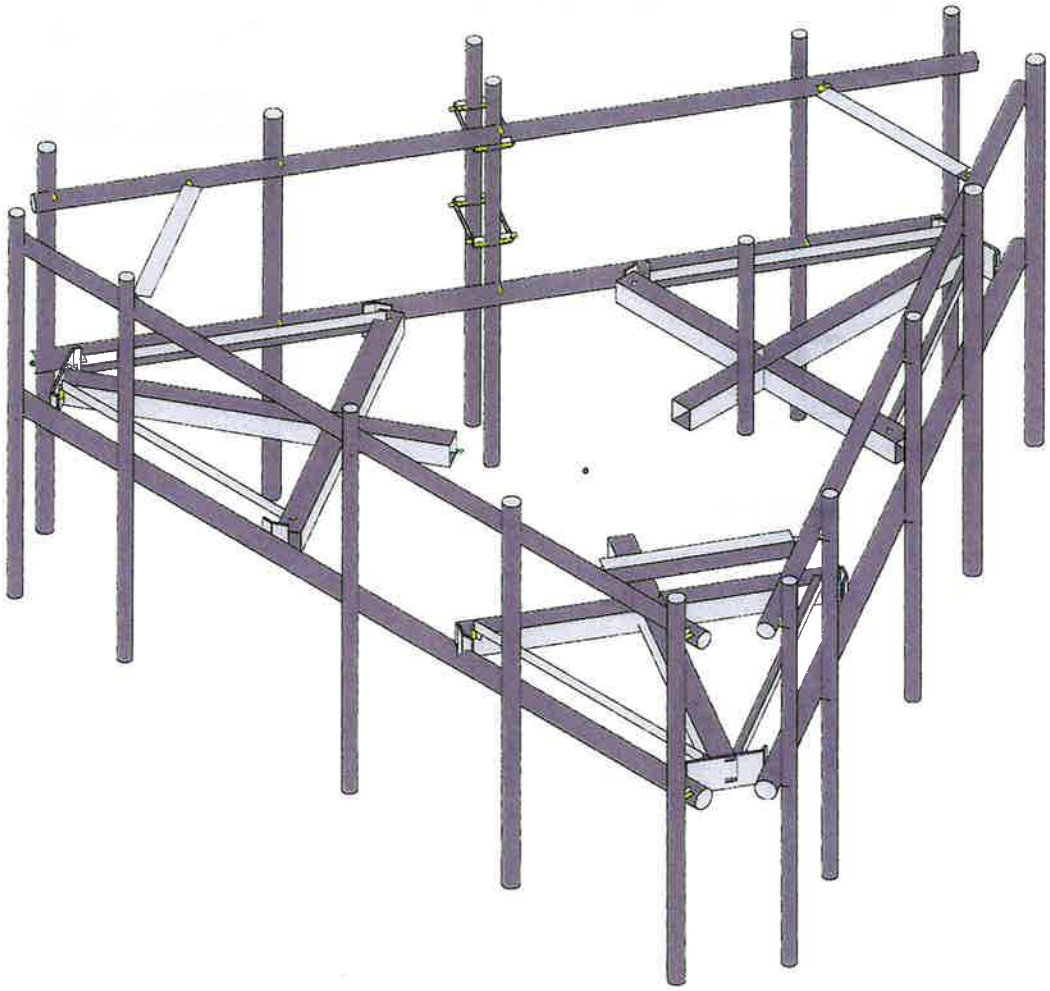
CROSSOVER PLATE
DETAIL



DETAIL J
APEX 'A' PLATE DETAIL

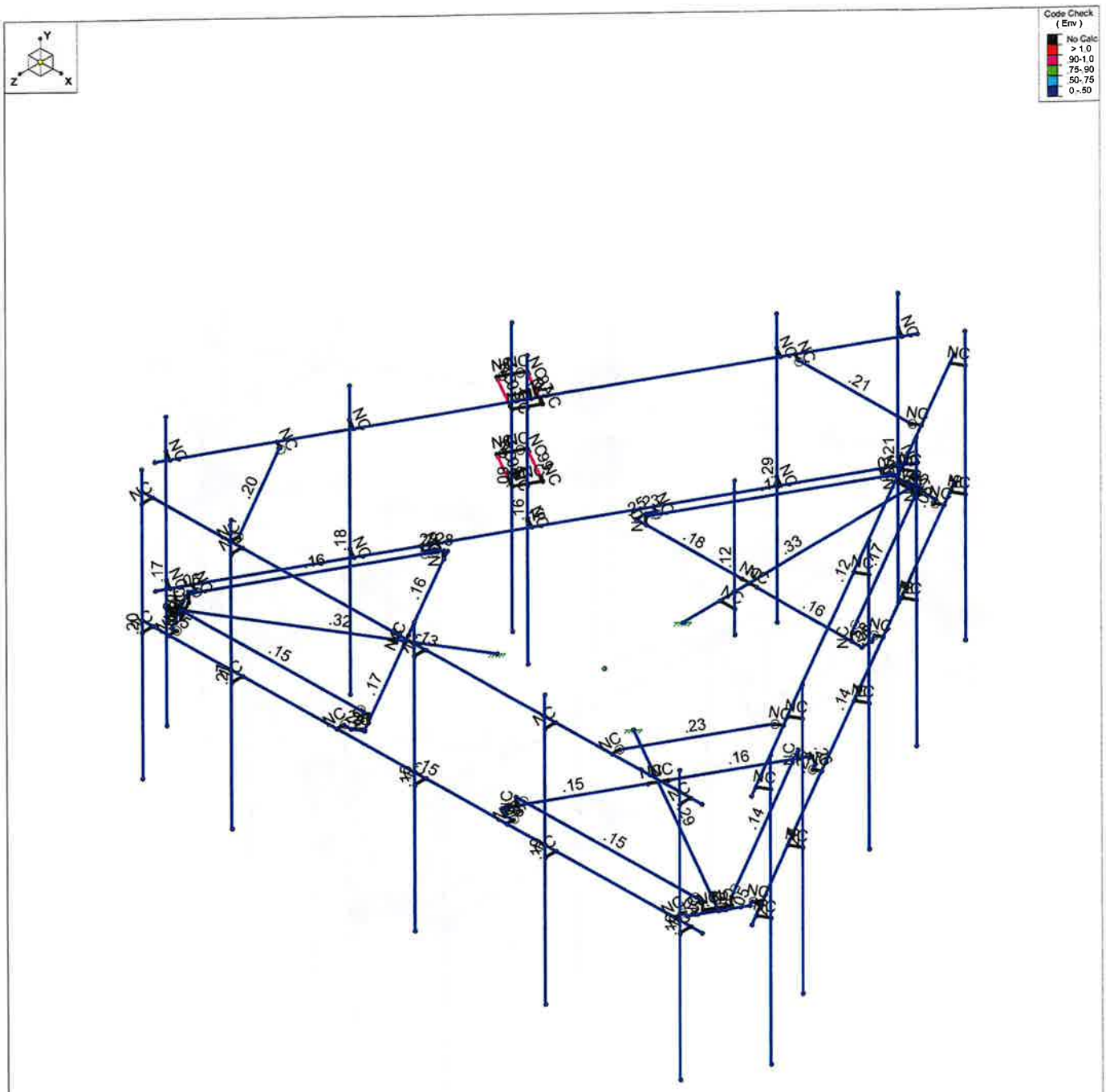


DETAIL K
'B' PLATE DETAIL



Envelope Only Solution

		Aug 10, 2023 at 3:34 PM
		5000092653-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

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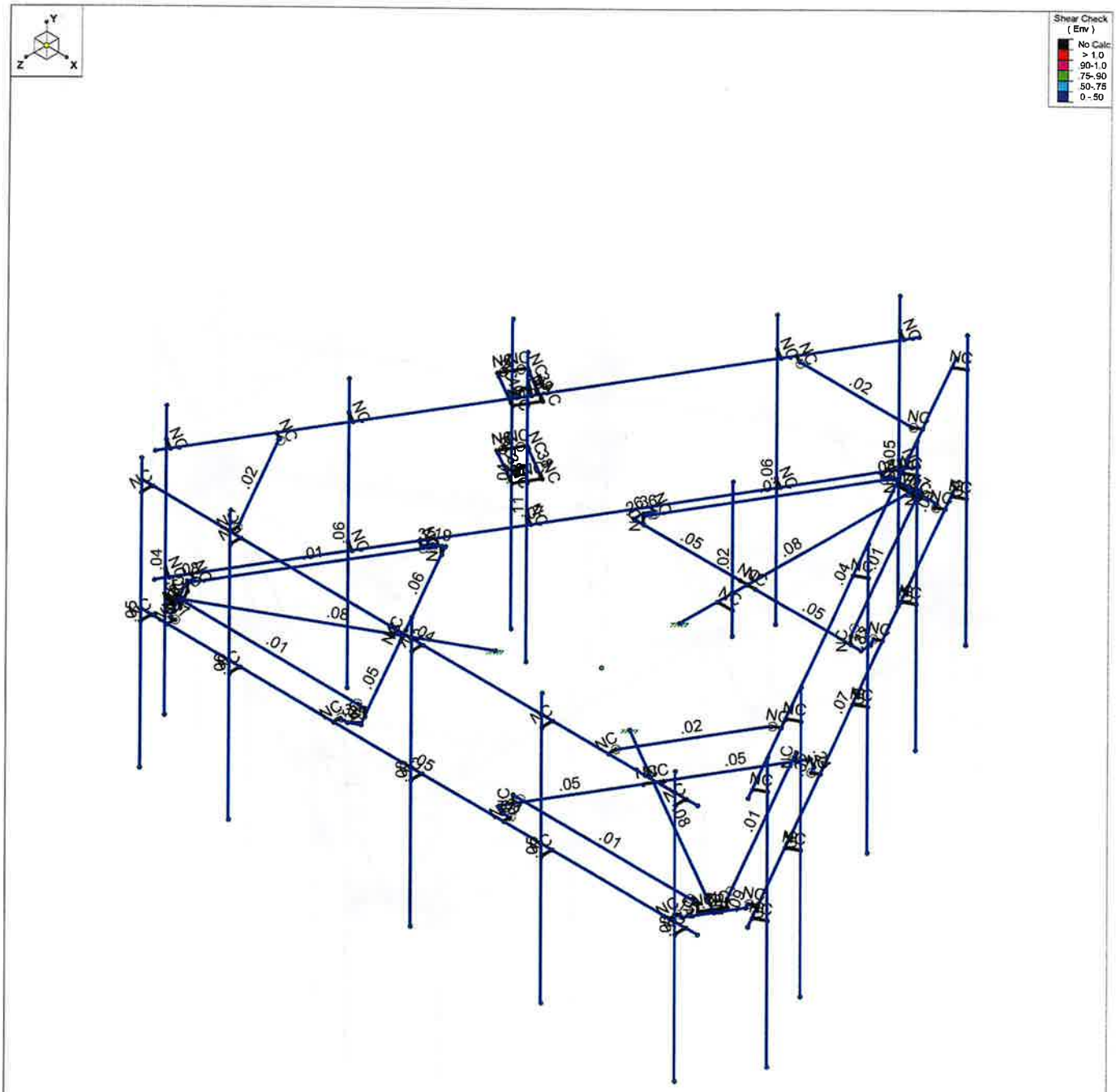

Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		Aug 10, 2023 at 3:35 PM
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Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					117			
2	Antenna Di	None					117			
3	Antenna Wo (0 Deg)	None					117			
4	Antenna Wo (30 Deg)	None					117			
5	Antenna Wo (60 Deg)	None					117			
6	Antenna Wo (90 Deg)	None					117			
7	Antenna Wo (120 Deg)	None					117			
8	Antenna Wo (150 Deg)	None					117			
9	Antenna Wo (180 Deg)	None					117			
10	Antenna Wo (210 Deg)	None					117			
11	Antenna Wo (240 Deg)	None					117			
12	Antenna Wo (270 Deg)	None					117			
13	Antenna Wo (300 Deg)	None					117			
14	Antenna Wo (330 Deg)	None					117			
15	Antenna Wi (0 Deg)	None					117			
16	Antenna Wi (30 Deg)	None					117			
17	Antenna Wi (60 Deg)	None					117			
18	Antenna Wi (90 Deg)	None					117			
19	Antenna Wi (120 Deg)	None					117			
20	Antenna Wi (150 Deg)	None					117			
21	Antenna Wi (180 Deg)	None					117			
22	Antenna Wi (210 Deg)	None					117			
23	Antenna Wi (240 Deg)	None					117			
24	Antenna Wi (270 Deg)	None					117			
25	Antenna Wi (300 Deg)	None					117			
26	Antenna Wi (330 Deg)	None					117			
27	Antenna Wm (0 Deg)	None					117			
28	Antenna Wm (30 Deg)	None					117			
29	Antenna Wm (60 Deg)	None					117			
30	Antenna Wm (90 Deg)	None					117			
31	Antenna Wm (120 Deg)	None					117			
32	Antenna Wm (150 Deg)	None					117			
33	Antenna Wm (180 Deg)	None					117			
34	Antenna Wm (210 Deg)	None					117			
35	Antenna Wm (240 Deg)	None					117			
36	Antenna Wm (270 Deg)	None					117			
37	Antenna Wm (300 Deg)	None					117			
38	Antenna Wm (330 Deg)	None					117			
39	Structure D	None		-1					3	
40	Structure Di	None						66	3	
41	Structure Wo (0 Deg)	None						132		
42	Structure Wo (30 Deg)	None						132		
43	Structure Wo (60 Deg)	None						132		
44	Structure Wo (90 Deg)	None						132		
45	Structure Wo (120 D...	None						132		
46	Structure Wo (150 D...	None						132		
47	Structure Wo (180 D...	None						132		
48	Structure Wo (210 D...	None						132		
49	Structure Wo (240 D...	None						132		
50	Structure Wo (270 D...	None						132		
51	Structure Wo (300 D...	None						132		
52	Structure Wo (330 D...	None						132		
53	Structure Wi (0 Deg)	None						132		
54	Structure Wi (30 Deg)	None						132		
55	Structure Wi (60 Deg)	None						132		
56	Structure Wi (90 Deg)	None						132		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
57	Structure Wi (120 De..	None						132		
58	Structure Wi (150 De..	None						132		
59	Structure Wi (180 De..	None						132		
60	Structure Wi (210 De..	None						132		
61	Structure Wi (240 De..	None						132		
62	Structure Wi (270 De..	None						132		
63	Structure Wi (300 De..	None						132		
64	Structure Wi (330 De..	None						132		
65	Structure Wm (0 Deg)	None						132		
66	Structure Wm (30 De..	None						132		
67	Structure Wm (60 De..	None						132		
68	Structure Wm (90 De..	None						132		
69	Structure Wm (120 D..	None						132		
70	Structure Wm (150 D..	None						132		
71	Structure Wm (180 D..	None						132		
72	Structure Wm (210 D..	None						132		
73	Structure Wm (240 D..	None						132		
74	Structure Wm (270 D..	None						132		
75	Structure Wm (300 D..	None						132		
76	Structure Wm (330 D..	None						132		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					117			
82	Antenna Eh (0 Deg)	None					78			
83	Antenna Eh (90 Deg)	None					78			
84	Structure Ev	ELY							3	
85	Structure Eh (0 Deg)	ELZ			-.03				3	
86	Structure Eh (90 Deg)	ELX	.03						3	
87	BLC 39 Transient Are..	None						30		
88	BLC 40 Transient Are..	None						30		
89	BLC 84 Transient Are..	None								
90	BLC 85 Transient Are..	None						30		
91	BLC 86 Transient Are..	None						30		

Load Combinations

	Description	Sol..	PD..	SR..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..
1	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								

Load Combinations (Continued)

	Description	Sol..	PD..	SR..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..
18	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5...	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 + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		ELZ	1	ELX					
53	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	ELZ	.866	ELX	.5				
54	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	ELZ	.5	ELX	.866				
55	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	ELZ		ELX	1				
56	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	ELZ	-.5	ELX	.866				
57	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
58	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		ELZ	-1	ELX					
59	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				
60	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
61	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	ELZ		ELX	-1				
62	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.866	ELZ	.5	ELX	-.866				
63	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	ELZ	.866	ELX	-.5				
64	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		ELZ	1	ELX					
65	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	ELZ	.866	ELX	.5				
66	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	ELZ	.5	ELX	.866				
67	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	ELZ		ELX	1				
68	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	ELZ	-.5	ELX	.866				
69	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
70	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		ELZ	-1	ELX					
71	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				
72	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
73	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	ELZ		ELX	-1				
74	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.866	ELZ	.5	ELX	-.866				

Load Combinations (Continued)

	Description	Sol..	PD..	SR..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..
75	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-.5	ELZ	.866	ELX	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	-6.659558	0	3.37198	0	
2	N2	-0.409558	0	-7.453337	0	
3	N3	1.515544	0	.875	0	
4	N5	4.085416	0	-0.576148	0	
5	N6	1.65703	0.166667	3.629939	0	
6	N7	3.972135	0.166667	-0.379939	0	
7	N24	2.814583	0	1.625	0	
8	N27	6.008051	0	3.46875	0	
9	CP	0	0	0	0	
10	N29	1.65703	0	3.629939	0	
11	N30	3.972135	0	-0.379939	0	
12	N101	1.543749	0	3.826148	0	
13	N102	2.897916	0	1.480662	0	
14	N103A	2.731249	0	1.769338	0	
15	N104A	4.274859	0	-0.466773	0	
16	N105	1.733192	0	3.935523	0	
17	N131	1.899859	0	3.935523	0	
18	N135	5.63826	0	3.915294	0	
19	N144	4.358192	0	-0.322435	0	
20	N148	6.209874	0	2.925229	0	
21	N86A	1.899859	0	4.081357	0	
22	N86B	4.484488	0	-0.395352	0	
23	N86C	6.265864	0	3.022206	0	
24	N87A	5.750239	0	3.915294	0	
25	N86D	5.63826	0	4.081357	0	
26	N86E	6.353688	0	2.842198	0	
27	N88A	5.935882	0	3.427083	0	
28	N87C	5.818764	0.166667	3.629939	0	
29	N86G	5.818764	0	3.629939	0	
30	N87B	6.053001	0.166667	3.224228	0	
31	N88C	6.053001	0	3.224228	0	
32	N87D	-0.	0	-1.75	0	
33	N88B	-2.541667	0	-3.25	0	
34	N89	2.315104	0.166667	-3.25	0	
35	N90	-2.315104	0.166667	-3.25	0	
36	N91	-0.	0	-3.25	0	
37	N92	-0.	0	-6.9375	0	
38	N93	2.315104	0	-3.25	0	
39	N94	-2.315104	0	-3.25	0	
40	N95	2.541667	0	-3.25	0	
41	N96	-0.166667	0	-3.25	0	
42	N97	0.166667	0	-3.25	0	
43	N98	-2.541667	0	-3.46875	0	
44	N99	2.541667	0	-3.46875	0	
45	N100	2.458333	0	-3.613088	0	
46	N101A	0.571615	0	-6.840523	0	
47	N102A	-2.458333	0	-3.613088	0	
48	N103	-0.571615	0	-6.840523	0	
49	N104	2.584629	0	-3.686004	0	
50	N105A	-2.584629	0	-3.686004	0	
51	N106	-0.515625	0	-6.9375	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N107	0.515625	0	-6.9375	0	
53	N108	0.715429	0	-6.923554	0	
54	N109	-0.715429	0	-6.923554	0	
55	N110	-0.	0	-6.854167	0	
56	N111	0.234238	0.166667	-6.854167	0	
57	N112	0.234238	0	-6.854167	0	
58	N113	-0.234238	0.166667	-6.854167	0	
59	N114	-0.234238	0	-6.854167	0	
60	N115	-1.515544	0	.875	0	
61	N116	-1.543749	0	3.826148	0	
62	N117	-3.972135	0.166667	-0.379939	0	
63	N118	-1.65703	0.166667	3.629939	0	
64	N119	-2.814583	0	1.625	0	
65	N120	-6.008051	0	3.46875	0	
66	N121	-3.972135	0	-0.379939	0	
67	N122	-1.65703	0	3.629939	0	
68	N123	-4.085416	0	-0.576148	0	
69	N124	-2.731249	0	1.769338	0	
70	N125	-2.897916	0	1.480662	0	
71	N126	-1.733192	0	3.935523	0	
72	N127	-4.274859	0	-0.466773	0	
73	N128	-4.358192	0	-0.322435	0	
74	N129	-6.209874	0	2.925229	0	
75	N130	-1.899859	0	3.935523	0	
76	N131A	-5.63826	0	3.915294	0	
77	N132	-4.484488	0	-0.395352	0	
78	N133	-1.899859	0	4.081357	0	
79	N134	-5.750239	0	3.915294	0	
80	N135A	-6.265864	0	3.022206	0	
81	N136	-6.353688	0	2.842198	0	
82	N137	-5.63826	0	4.081357	0	
83	N138	-5.935882	0	3.427083	0	
84	N139	-6.053001	0.166667	3.224228	0	
85	N140	-6.053001	0	3.224228	0	
86	N141	-5.818764	0.166667	3.629939	0	
87	N142	-5.818764	0	3.629939	0	
88	N104B	6.25	0	4.081357	0	
89	N105B	-6.25	0	4.081357	0	
90	N124A	0.409558	0	-7.453337	0	
91	N125A	6.659558	0	3.37198	0	
92	N92A	-6	0	4.081357	0	
93	N93A	-4	0	4.081357	0	
94	N94A	0.083333	0	4.081357	0	
95	N95A	3	0	4.081357	0	
96	N96A	6	0	4.081357	0	
97	N97A	-6	0	4.331357	0	
98	N98A	-4	0	4.331357	0	
99	N99A	0.083333	0	4.331357	0	
100	N100A	3	0	4.331357	0	
101	N101B	6	0	4.331357	0	
102	N102B	-6	3.166667	4.331357	0	
103	N103B	-4	3.166667	4.331357	0	
104	N104C	0.083333	3.166667	4.331357	0	
105	N105C	3	3.166667	4.331357	0	
106	N106A	6	3.166667	4.331357	0	
107	N107A	-6	-2.833333	4.331357	0	
108	N108A	-4	-2.833333	4.331357	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
109	N109A	0.083333	-2.833333	4.331357	0	
110	N110A	3	-2.833333	4.331357	0	
111	N111A	6	-2.833333	4.331357	0	
112	N113A	6.534558	0	3.155474	0	
113	N114A	5.534558	0	1.423423	0	
114	N115A	3.492892	0	-2.112847	0	
115	N116A	2.034558	0	-4.638755	0	
116	N117A	0.534558	0	-7.236831	0	
117	N118A	6.751065	0	3.030474	0	
118	N119A	5.751065	0	1.298423	0	
119	N120A	3.709398	0	-2.237847	0	
120	N121A	2.251065	0	-4.763755	0	
121	N122A	0.751065	0	-7.361831	0	
122	N123A	6.751065	3.166667	3.030474	0	
123	N124B	5.751065	3.166667	1.298423	0	
124	N125B	3.709398	3.166667	-2.237847	0	
125	N126A	2.251065	3.166667	-4.763755	0	
126	N127A	0.751065	3.166667	-7.361831	0	
127	N128A	6.751065	-2.833333	3.030474	0	
128	N129A	5.751065	-2.833333	1.298423	0	
129	N130A	3.709398	-2.833333	-2.237847	0	
130	N131B	2.251065	-2.833333	-4.763755	0	
131	N132A	0.751065	-2.833333	-7.361831	0	
132	N134A	-0.534558	0	-7.236831	0	
133	N135B	-1.534558	0	-5.50478	0	
134	N136A	-3.576225	0	-1.96851	0	
135	N137A	-5.034558	0	0.557398	0	
136	N138A	-6.534558	0	3.155474	0	
137	N139A	-0.751065	0	-7.361831	0	
138	N140A	-1.751065	0	-5.62978	0	
139	N141A	-3.792732	0	-2.09351	0	
140	N142A	-5.251065	0	0.432398	0	
141	N143	-6.751065	0	3.030474	0	
142	N144A	-0.751065	3.166667	-7.361831	0	
143	N145	-1.751065	3.166667	-5.62978	0	
144	N146	-3.792732	3.166667	-2.09351	0	
145	N147	-5.251065	3.166667	0.432398	0	
146	N148A	-6.751065	3.166667	3.030474	0	
147	N149	-0.751065	-2.833333	-7.361831	0	
148	N150	-1.751065	-2.833333	-5.62978	0	
149	N151	-3.792732	-2.833333	-2.09351	0	
150	N152	-5.251065	-2.833333	0.432398	0	
151	N153	-6.751065	-2.833333	3.030474	0	
152	N152A	-0.	0	-2.583333	0	
153	N153A	0.333333	0	-2.583333	0	
154	N154	0.333333	2.5	-2.583333	0	
155	N155	0.333333	-.5	-2.583333	0	
156	N156	6.25	2.5	4.081357	0	
157	N157	-6.25	2.5	4.081357	0	
158	N158	-6	2.5	4.081357	0	
159	N159	-4	2.5	4.081357	0	
160	N160	0.083333	2.5	4.081357	0	
161	N161	3	2.5	4.081357	0	
162	N162	6	2.5	4.081357	0	
163	N163	-6	2.5	4.331357	0	
164	N164	-4	2.5	4.331357	0	
165	N165	0.083333	2.5	4.331357	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
166	N166	3	2.5	4.331357	0	
167	N167	6	2.5	4.331357	0	
168	N168	4.25	2.5	4.081357	0	
169	N169	-4.25	2.5	4.081357	0	
170	N170	4.25	2.5	3.91469	0	
171	N171	-4.25	2.5	3.91469	0	
172	N173	0.409558	2.5	-7.453337	0	
173	N174	6.659558	2.5	3.37198	0	
174	N175	6.534558	2.5	3.155474	0	
175	N176	5.534558	2.5	1.423423	0	
176	N177	3.492892	2.5	-2.112847	0	
177	N178	2.034558	2.5	-4.638755	0	
178	N179	0.534558	2.5	-7.236831	0	
179	N180	6.751065	2.5	3.030474	0	
180	N181	5.751065	2.5	1.298423	0	
181	N182	3.709398	2.5	-2.237847	0	
182	N183	2.251065	2.5	-4.763755	0	
183	N184	0.751065	2.5	-7.361831	0	
184	N185	1.409558	2.5	-5.721286	0	
185	N186	5.659558	2.5	1.63993	0	
186	N187	1.265221	2.5	-5.637953	0	
187	N188	5.515221	2.5	1.723263	0	
188	N190	-6.659558	2.5	3.37198	0	
189	N191	-0.409558	2.5	-7.453337	0	
190	N192	-0.534558	2.5	-7.236831	0	
191	N193	-1.534558	2.5	-5.50478	0	
192	N194	-3.576225	2.5	-1.96851	0	
193	N195	-5.034558	2.5	0.557398	0	
194	N196	-6.534558	2.5	3.155474	0	
195	N197	-0.751065	2.5	-7.361831	0	
196	N198	-1.751065	2.5	-5.62978	0	
197	N199	-3.792732	2.5	-2.09351	0	
198	N200	-5.251065	2.5	0.432398	0	
199	N201	-6.751065	2.5	3.030474	0	
200	N202	-5.659558	2.5	1.63993	0	
201	N203	-1.409558	2.5	-5.721286	0	
202	N204	-5.515221	2.5	1.723263	0	
203	N205	-1.265221	2.5	-5.637953	0	
204	N204A	-3.792732	2.166667	-2.09351	0	
205	N205A	-3.917732	2.166667	-1.877003	0	
206	N206	-3.667732	2.166667	-2.310016	0	
207	N208	-4.653853	2.166667	-2.302003	0	
208	N209	-4.403853	2.166667	-2.735016	0	
209	N210	-4.601022	2.166667	-2.560176	0	
210	N211	-4.726022	2.166667	-2.34367	0	
211	N212	-4.476022	2.166667	-2.776683	0	
212	N212A	-4.004334	2.166667	-1.927003	0	
213	N213	-3.754334	2.166667	-2.360016	0	
214	N214	-4.601022	3.166667	-2.560176	0	
215	N215	-4.601022	-2.833333	-2.560176	0	
216	N216	-3.792732	0.666667	-2.09351	0	
217	N217	-3.917732	0.666667	-1.877003	0	
218	N218	-3.667732	0.666667	-2.310016	0	
219	N219	-4.653853	0.666667	-2.302003	0	
220	N220	-4.403853	0.666667	-2.735016	0	
221	N221	-4.601022	0.666667	-2.560176	0	
222	N222	-4.726022	0.666667	-2.34367	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
223	N223	-4.476022	0.666667	-2.776683	0	
224	N224	-4.004334	0.666667	-1.927003	0	
225	N225	-3.754334	0.666667	-2.360016	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	MOD Support Rail	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
3	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr....	Typical	3.37	7.8	7.8	12.8
4	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
5	Platform Crossmember	HSS4X4X4	Beam	SquareTube	A500 Gr....	Typical	3.37	7.8	7.8	12.8
6	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
7	MOD Support Rail Corner	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
8	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	MOD Mount Pipe	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
10	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
11	Mod Threaded Rod	SR_0.5	Column	BAR	A36 Gr.36	Typical	.196	.003	.003	.006
12	TES TR	SR_1	Column	BAR	A36 Gr.36	Typical	.785	.049	.049	.098

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Sha...	Type	Design List	Material	Design Rules
1	M1	N1	N2			Face Horizo...	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Ho...	Beam	SquareTube	A500 Gr.B Rect	Typical
3	M10	N101	N103A			Platform Cr...	Beam	SquareTube	A500 Gr.B Rect	Typical
4	M43	N102	N5			Platform Cr...	Beam	SquareTube	A500 Gr.B Rect	Typical
5	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
6	M35A	N7	N30			RIGID	None	None	RIGID	Typical
7	M36A	N6	N29			RIGID	None	None	RIGID	Typical
8	M51B	N87C	N6			Grating Sup...	Beam	Single Angle	A36 Gr.36	Typical
9	M52B	N7	N87B			Grating Sup...	Beam	Single Angle	A36 Gr.36	Typical
10	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
11	M58	N102	N24			RIGID	None	None	RIGID	Typical
12	M59	N24	N103A			RIGID	None	None	RIGID	Typical
13	M76	N101	N105			Cross Arm ...	Column	RECT	A36 Gr.36	Typical
14	M77	N105	N131			Cross Arm ...	Column	RECT	A36 Gr.36	Typical
15	M79	N131	N86A			RIGID	None	None	RIGID	Typical
16	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
17	M83	N135	N86D			RIGID	None	None	RIGID	Typical
18	M84	N5	N104A			Cross Arm ...	Column	RECT	A36 Gr.36	Typical
19	M85	N104A	N144			Cross Arm ...	Column	RECT	A36 Gr.36	Typical
20	M88	N144	N86B			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Sha...	Type	Design List	Material	Design Rules
21	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
22	M92	N148	N86E			RIGID	None	None	RIGID	Typical
23	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
24	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
25	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
26	M52A	N87D	N92			Standoff Ho...	Beam	SquareTube	A500 Gr.B Rect	Typical
27	M53	N95	N97			Platform Cr...	Beam	SquareTube	A500 Gr.B Rect	Typical
28	M54	N96	N88B			Platform Cr...	Beam	SquareTube	A500 Gr.B Rect	Typical
29	M55	N106	N107			Corner Plate	Beam	BAR	A36 Gr.36	Typical
30	M56	N90	N94			RIGID	None	None	RIGID	Typical
31	M57	N89	N93			RIGID	None	None	RIGID	Typical
32	M58A	N111	N89			Grating Sup...	Beam	Single Angle	A36 Gr.36	Typical
33	M59A	N90	N113			Grating Sup...	Beam	Single Angle	A36 Gr.36	Typical
34	M60	N113	N114			RIGID	None	None	RIGID	Typical
35	M61	N96	N91			RIGID	None	None	RIGID	Typical
36	M62	N91	N97			RIGID	None	None	RIGID	Typical
37	M63	N95	N99			Cross Arm ...	Column	RECT	A36 Gr.36	Typical
38	M64	N99	N100			Cross Arm ...	Column	RECT	A36 Gr.36	Typical
39	M65	N100	N104			RIGID	None	None	RIGID	Typical
40	M66	N107	N101A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
41	M67	N101A	N108			RIGID	None	None	RIGID	Typical
42	M68	N88B	N98			Cross Arm ...	Column	RECT	A36 Gr.36	Typical
43	M69	N98	N102A			Cross Arm ...	Column	RECT	A36 Gr.36	Typical
44	M70	N102A	N105A			RIGID	None	None	RIGID	Typical
45	M71	N106	N103			Corner Plate	Beam	BAR	A36 Gr.36	Typical
46	M72	N103	N109			RIGID	None	None	RIGID	Typical
47	M73	N114	N110			RIGID	None	None	RIGID	Typical
48	M74	N110	N112			RIGID	None	None	RIGID	Typical
49	M75	N111	N112			RIGID	None	None	RIGID	Typical
50	M76A	N115	N120			Standoff Ho...	Beam	SquareTube	A500 Gr.B Rect	Typical
51	M77A	N123	N125			Platform Cr...	Beam	SquareTube	A500 Gr.B Rect	Typical
52	M78	N124	N116			Platform Cr...	Beam	SquareTube	A500 Gr.B Rect	Typical
53	M79A	N134	N135A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
54	M80A	N118	N122			RIGID	None	None	RIGID	Typical
55	M81	N117	N121			RIGID	None	None	RIGID	Typical
56	M82	N139	N117			Grating Sup...	Beam	Single Angle	A36 Gr.36	Typical
57	M83A	N118	N141			Grating Sup...	Beam	Single Angle	A36 Gr.36	Typical
58	M84A	N141	N142			RIGID	None	None	RIGID	Typical
59	M85A	N124	N119			RIGID	None	None	RIGID	Typical
60	M86	N119	N125			RIGID	None	None	RIGID	Typical
61	M87	N123	N127			Cross Arm ...	Column	RECT	A36 Gr.36	Typical
62	M88A	N127	N128			Cross Arm ...	Column	RECT	A36 Gr.36	Typical
63	M89	N128	N132			RIGID	None	None	RIGID	Typical
64	M90	N135A	N129			Corner Plate	Beam	BAR	A36 Gr.36	Typical
65	M91A	N129	N136			RIGID	None	None	RIGID	Typical
66	M92A	N116	N126			Cross Arm ...	Column	RECT	A36 Gr.36	Typical
67	M93	N126	N130			Cross Arm ...	Column	RECT	A36 Gr.36	Typical
68	M94	N130	N133			RIGID	None	None	RIGID	Typical
69	M95	N134	N131A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
70	M96	N131A	N137			RIGID	None	None	RIGID	Typical
71	M97	N142	N138			RIGID	None	None	RIGID	Typical
72	M98	N138	N140			RIGID	None	None	RIGID	Typical
73	M99	N139	N140			RIGID	None	None	RIGID	Typical
74	M82A	N105B	N104B			Face Horizo...	Beam	Pipe	A53 Gr.B	Typical
75	M91B	N124A	N125A			Face Horizo...	Beam	Pipe	A53 Gr.B	Typical
76	M76B	N92A	N97A			RIGID	None	None	RIGID	Typical
77	M77B	N93A	N98A			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Sha...	Type	Design List	Material	Design Rules
78	M78A	N94A	N99A			RIGID	None	None	RIGID	Typical
79	M79B	N95A	N100A			RIGID	None	None	RIGID	Typical
80	M80B	N96A	N101B			RIGID	None	None	RIGID	Typical
81	MP5A	N102B	N107A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
82	MP4A	N103B	N108A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
83	MP3A	N104C	N109A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
84	MP2A	N105C	N110A			MOD Mount..	Column	Pipe	A53 Gr.B	Typical
85	MP1A	N106A	N111A			MOD Mount..	Column	Pipe	A53 Gr.B	Typical
86	M86A	N113A	N118A			RIGID	None	None	RIGID	Typical
87	M87A	N114A	N119A			RIGID	None	None	RIGID	Typical
88	M88B	N115A	N120A			RIGID	None	None	RIGID	Typical
89	M89A	N116A	N121A			RIGID	None	None	RIGID	Typical
90	M90A	N117A	N122A			RIGID	None	None	RIGID	Typical
91	MP5C	N123A	N128A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	MP4C	N124B	N129A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
93	MP3C	N125B	N130A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	MP2C	N126A	N131B			MOD Mount..	Column	Pipe	A53 Gr.B	Typical
95	MP1C	N127A	N132A			MOD Mount..	Column	Pipe	A53 Gr.B	Typical
96	M96A	N134A	N139A			RIGID	None	None	RIGID	Typical
97	M97A	N135B	N140A			RIGID	None	None	RIGID	Typical
98	M98A	N136A	N141A			RIGID	None	None	RIGID	Typical
99	M99A	N137A	N142A			RIGID	None	None	RIGID	Typical
100	M100	N138A	N143			RIGID	None	None	RIGID	Typical
101	MP5B	N144A	N149			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	MP4B	N145	N150			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
103	3	N146	N151			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
104	MP2B	N147	N152			MOD Mount..	Column	Pipe	A53 Gr.B	Typical
105	MP1B	N148A	N153			MOD Mount..	Column	Pipe	A53 Gr.B	Typical
106	M106	N152A	N153A			RIGID	None	None	RIGID	Typical
107	OVP	N154	N155			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
108	M108	N156	N157			MOD Suppo...	Beam	Pipe	A53 Gr.B	Typical
109	M109	N158	N163			RIGID	None	None	RIGID	Typical
110	M110	N159	N164			RIGID	None	None	RIGID	Typical
111	M111	N160	N165			RIGID	None	None	RIGID	Typical
112	M112	N161	N166			RIGID	None	None	RIGID	Typical
113	M113	N162	N167			RIGID	None	None	RIGID	Typical
114	M114	N169	N171			RIGID	None	None	RIGID	Typical
115	M115	N168	N170			RIGID	None	None	RIGID	Typical
116	M116	N173	N174			MOD Suppo...	Beam	Pipe	A53 Gr.B	Typical
117	M117	N175	N180			RIGID	None	None	RIGID	Typical
118	M118	N176	N181			RIGID	None	None	RIGID	Typical
119	M119	N177	N182			RIGID	None	None	RIGID	Typical
120	M120	N178	N183			RIGID	None	None	RIGID	Typical
121	M121	N179	N184			RIGID	None	None	RIGID	Typical
122	M122	N186	N188			RIGID	None	None	RIGID	Typical
123	M123	N185	N187			RIGID	None	None	RIGID	Typical
124	M124	N190	N191			MOD Suppo...	Beam	Pipe	A53 Gr.B	Typical
125	M125	N192	N197			RIGID	None	None	RIGID	Typical
126	M126	N193	N198			RIGID	None	None	RIGID	Typical
127	M127	N194	N199			RIGID	None	None	RIGID	Typical
128	M128	N195	N200			RIGID	None	None	RIGID	Typical
129	M129	N196	N201			RIGID	None	None	RIGID	Typical
130	M130	N203	N205			RIGID	None	None	RIGID	Typical
131	M131	N202	N204			RIGID	None	None	RIGID	Typical
132	M132	N188	N170		90	MOD Suppo...	Beam	Single Angle	A36 Gr.36	Typical
133	M133	N171	N204		90	MOD Suppo...	Beam	Single Angle	A36 Gr.36	Typical
134	M134	N205	N187		90	MOD Suppo...	Beam	Single Angle	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Sha...	Type	Design List	Material	Design Rules
135	M135	N204A	N205A			RIGID	None	None	RIGID	Typical
136	M136	N204A	N206			RIGID	None	None	RIGID	Typical
137	M139	N213	N209			Mod Thread..	Column	BAR	A36 Gr.36	Typical
138	M140	N212A	N208			Mod Thread..	Column	BAR	A36 Gr.36	Typical
139	M141	N210	N211			RIGID	None	None	RIGID	Typical
140	M142	N210	N212			RIGID	None	None	RIGID	Typical
141	M141A	N212	N209			RIGID	None	None	RIGID	Typical
142	M142A	N211	N208			RIGID	None	None	RIGID	Typical
143	M143	N206	N213			RIGID	None	None	RIGID	Typical
144	M144	N205A	N212A			RIGID	None	None	RIGID	Typical
145	MP3B	N214	N215			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
146	M146	N216	N217			RIGID	None	None	RIGID	Typical
147	M147	N216	N218			RIGID	None	None	RIGID	Typical
148	M148	N225	N220			Mod Thread..	Column	BAR	A36 Gr.36	Typical
149	M149	N224	N219			Mod Thread..	Column	BAR	A36 Gr.36	Typical
150	M150	N221	N222			RIGID	None	None	RIGID	Typical
151	M151	N221	N223			RIGID	None	None	RIGID	Typical
152	M152	N223	N220			RIGID	None	None	RIGID	Typical
153	M153	N222	N219			RIGID	None	None	RIGID	Typical
154	M154	N218	N225			RIGID	None	None	RIGID	Typical
155	M155	N217	N224			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes	Default			None
2	M4						Yes				None
3	M10						Yes	Default			None
4	M43						Yes	Default			None
5	M46						Yes	Default			None
6	M35A						Yes	** NA **			None
7	M36A						Yes	** NA **			None
8	M51B	OOOOOX	OOOOOX				Yes	Default			None
9	M52B	OOOOOX	OOOOOX				Yes	Default			None
10	M52						Yes	** NA **			None
11	M58						Yes	** NA **			None
12	M59						Yes	** NA **			None
13	M76						Yes	** NA **			None
14	M77						Yes	** NA **			None
15	M79		BenPIN				Yes	** NA **			None
16	M80						Yes	** NA **			None
17	M83		BenPIN				Yes	** NA **			None
18	M84						Yes	** NA **			None
19	M85						Yes	** NA **			None
20	M88		BenPIN				Yes	** NA **			None
21	M91						Yes	** NA **			None
22	M92		BenPIN				Yes	** NA **			None
23	M50						Yes	** NA **			None
24	M51						Yes	** NA **			None
25	M51A						Yes	** NA **			None
26	M52A						Yes	Default			None
27	M53						Yes	Default			None
28	M54						Yes	Default			None
29	M55						Yes	** NA **			None
30	M56						Yes	** NA **			None
31	M57										

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
32	M58A	OOOOOX	OOOOOX				Yes	Default			None
33	M59A	OOOOOX	OOOOOX				Yes	Default			None
34	M60						Yes	** NA **			None
35	M61						Yes	** NA **			None
36	M62						Yes	** NA **			None
37	M63						Yes	** NA **			None
38	M64						Yes	** NA **			None
39	M65		BenPIN				Yes	** NA **			None
40	M66						Yes				None
41	M67		BenPIN				Yes	** NA **			None
42	M68						Yes	** NA **			None
43	M69						Yes	** NA **			None
44	M70		BenPIN				Yes	** NA **			None
45	M71						Yes				None
46	M72		BenPIN				Yes	** NA **			None
47	M73						Yes	** NA **			None
48	M74						Yes	** NA **			None
49	M75						Yes	** NA **			None
50	M76A						Yes				None
51	M77A						Yes	Default			None
52	M78						Yes	Default			None
53	M79A						Yes	Default			None
54	M80A						Yes	** NA **			None
55	M81						Yes	** NA **			None
56	M82	OOOOOX	OOOOOX				Yes	Default			None
57	M83A	OOOOOX	OOOOOX				Yes	Default			None
58	M84A						Yes	** NA **			None
59	M85A						Yes	** NA **			None
60	M86						Yes	** NA **			None
61	M87						Yes	** NA **			None
62	M88A						Yes	** NA **			None
63	M89		BenPIN				Yes	** NA **			None
64	M90						Yes				None
65	M91A		BenPIN				Yes	** NA **			None
66	M92A						Yes	** NA **			None
67	M93						Yes	** NA **			None
68	M94		BenPIN				Yes	** NA **			None
69	M95						Yes				None
70	M96		BenPIN				Yes	** NA **			None
71	M97						Yes	** NA **			None
72	M98						Yes	** NA **			None
73	M99						Yes	** NA **			None
74	M82A						Yes	Default			None
75	M91B						Yes	Default			None
76	M76B						Yes	** NA **			None
77	M77B						Yes	** NA **			None
78	M78A						Yes	** NA **			None
79	M79B						Yes	** NA **			None
80	M80B						Yes	** NA **			None
81	MP5A						Yes	** NA **			None
82	MP4A						Yes	** NA **			None
83	MP3A						Yes	** NA **			None
84	MP2A						Yes	** NA **			None
85	MP1A						Yes	** NA **			None
86	M86A						Yes	** NA **			None
87	M87A						Yes	** NA **			None
88	M88B						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
89	M89A						Yes	** NA **			None
90	M90A						Yes	** NA **			None
91	MP5C						Yes	** NA **			None
92	MP4C						Yes	** NA **			None
93	MP3C						Yes	** NA **			None
94	MP2C						Yes	** NA **			None
95	MP1C						Yes	** NA **			None
96	M96A						Yes	** NA **			None
97	M97A						Yes	** NA **			None
98	M98A						Yes	** NA **			None
99	M99A						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	MP5B						Yes	** NA **			None
102	MP4B						Yes	** NA **			None
103	3						Yes	** NA **			None
104	MP2B						Yes	** NA **			None
105	MP1B						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	OVP						Yes	Default			None
108	M108						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M110						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113						Yes	** NA **			None
114	M114	OOOOOX					Yes	** NA **			None
115	M115	OOOOOX					Yes	Default			None
116	M116						Yes	** NA **			None
117	M117						Yes	** NA **			None
118	M118						Yes	** NA **			None
119	M119						Yes	** NA **			None
120	M120						Yes	** NA **			None
121	M121						Yes	** NA **			None
122	M122	OOOOOX					Yes	** NA **			None
123	M123	OOOOOX					Yes	Default			None
124	M124						Yes	** NA **			None
125	M125						Yes	** NA **			None
126	M126						Yes	** NA **			None
127	M127						Yes	** NA **			None
128	M128						Yes	** NA **			None
129	M129						Yes	** NA **			None
130	M130	OOOOOX					Yes	** NA **			None
131	M131	OOOOOX					Yes				None
132	M132						Yes				None
133	M133						Yes				None
134	M134						Yes	** NA **			None
135	M135						Yes	** NA **			None
136	M136						Yes	** NA **			None
137	M139						Yes	** NA **			None
138	M140						Yes	** NA **			None
139	M141	OOOXOX					Yes	** NA **			None
140	M142	OOOXOX					Yes	** NA **			None
141	M141A						Yes	** NA **			None
142	M142A						Yes	** NA **			None
143	M143						Yes	** NA **			None
144	M144						Yes	** NA **			None
145	MP3B						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
146	M146						Yes	** NA **			None
147	M147						Yes	** NA **			None
148	M148						Yes	** NA **			None
149	M149						Yes	** NA **			None
150	M150	OOOXOX					Yes	** NA **			None
151	M151	OOOXOX					Yes	** NA **			None
152	M152						Yes	** NA **			None
153	M153						Yes	** NA **			None
154	M154						Yes	** NA **			None
155	M155						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	Y	-8.8	4
2	MP1B	My	.003	4
3	MP1B	Mz	.009	4
4	MP1B	Y	-8.8	5
5	MP1B	My	.003	5
6	MP1B	Mz	.009	5
7	MP1C	Y	-8.8	4
8	MP1C	My	-.008	4
9	MP1C	Mz	-.005	4
10	MP1C	Y	-8.8	5
11	MP1C	My	-.008	5
12	MP1C	Mz	-.005	5
13	MP1B	Y	-8.8	4
14	MP1B	My	-.003	4
15	MP1B	Mz	.009	4
16	MP1B	Y	-8.8	5
17	MP1B	My	-.003	5
18	MP1B	Mz	.009	5
19	MP1C	Y	-8.8	4
20	MP1C	My	-.003	4
21	MP1C	Mz	-.009	4
22	MP1C	Y	-8.8	5
23	MP1C	My	-.003	5
24	MP1C	Mz	-.009	5
25	MP1A	Y	-23	0
26	MP1A	My	-.011	0
27	MP1A	Mz	.015	0
28	MP1A	Y	-23	5
29	MP1A	My	-.011	5
30	MP1A	Mz	.015	5
31	MP1B	Y	-23	0
32	MP1B	My	-.015	0
33	MP1B	Mz	-.011	0
34	MP1B	Y	-23	5
35	MP1B	My	-.015	5
36	MP1B	Mz	-.011	5
37	MP1C	Y	-23	0
38	MP1C	My	.019	0
39	MP1C	Mz	-.001	0
40	MP1C	Y	-23	5
41	MP1C	My	.019	5
42	MP1C	Mz	-.001	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP1A	Y	-23	0
44	MP1A	My	-.011	0
45	MP1A	Mz	-.015	0
46	MP1A	Y	-23	5
47	MP1A	My	-.011	5
48	MP1A	Mz	-.015	5
49	MP1B	Y	-23	0
50	MP1B	My	.015	0
51	MP1B	Mz	-.011	0
52	MP1B	Y	-23	5
53	MP1B	My	.015	5
54	MP1B	Mz	-.011	5
55	MP1C	Y	-23	0
56	MP1C	My	-.004	0
57	MP1C	Mz	.019	0
58	MP1C	Y	-23	5
59	MP1C	My	-.004	5
60	MP1C	Mz	.019	5
61	MP3A	Y	-43.55	1.5
62	MP3A	My	-.022	1.5
63	MP3A	Mz	0	1.5
64	MP3A	Y	-43.55	3.5
65	MP3A	My	-.022	3.5
66	MP3A	Mz	0	3.5
67	MP3B	Y	-43.55	1.5
68	MP3B	My	0	1.5
69	MP3B	Mz	-.022	1.5
70	MP3B	Y	-43.55	3.5
71	MP3B	My	0	3.5
72	MP3B	Mz	-.022	3.5
73	MP3C	Y	-43.55	1.5
74	MP3C	My	.014	1.5
75	MP3C	Mz	.017	1.5
76	MP3C	Y	-43.55	3.5
77	MP3C	My	.014	3.5
78	MP3C	Mz	.017	3.5
79	OVP	Y	-32	1
80	OVP	My	0	1
81	OVP	Mz	0	1
82	MP2A	Y	-74.7	2
83	MP2A	My	.037	2
84	MP2A	Mz	0	2
85	MP2B	Y	-74.7	2
86	MP2B	My	0	2
87	MP2B	Mz	.037	2
88	MP2C	Y	-74.7	2
89	MP2C	My	-.024	2
90	MP2C	Mz	-.029	2
91	MP1A	Y	-70.3	2
92	MP1A	My	.035	2
93	MP1A	Mz	0	2
94	MP1B	Y	-70.3	2
95	MP1B	My	0	2
96	MP1B	Mz	.035	2
97	MP1C	Y	-70.3	2
98	MP1C	My	-.023	2
99	MP1C	Mz	-.027	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP5A	Y	-13.9	1.5
101	MP5A	My	-.007	1.5
102	MP5A	Mz	0	1.5
103	MP5A	Y	-13.9	3.5
104	MP5A	My	-.007	3.5
105	MP5A	Mz	0	3.5
106	MP5B	Y	-13.9	1.5
107	MP5B	My	0	1.5
108	MP5B	Mz	-.007	1.5
109	MP5B	Y	-13.9	3.5
110	MP5B	My	0	3.5
111	MP5B	Mz	-.007	3.5
112	MP5C	Y	-13.9	1.5
113	MP5C	My	.004	1.5
114	MP5C	Mz	.005	1.5
115	MP5C	Y	-13.9	3.5
116	MP5C	My	.004	3.5
117	MP5C	Mz	.005	3.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	Y	-8.742	4
2	MP1B	My	.003	4
3	MP1B	Mz	.009	4
4	MP1B	Y	-8.742	5
5	MP1B	My	.003	5
6	MP1B	Mz	.009	5
7	MP1C	Y	-8.742	4
8	MP1C	My	-.008	4
9	MP1C	Mz	-.005	4
10	MP1C	Y	-8.742	5
11	MP1C	My	-.008	5
12	MP1C	Mz	-.005	5
13	MP1B	Y	-8.742	4
14	MP1B	My	-.003	4
15	MP1B	Mz	.009	4
16	MP1B	Y	-8.742	5
17	MP1B	My	-.003	5
18	MP1B	Mz	.009	5
19	MP1C	Y	-8.742	4
20	MP1C	My	-.003	4
21	MP1C	Mz	-.009	4
22	MP1C	Y	-8.742	5
23	MP1C	My	-.003	5
24	MP1C	Mz	-.009	5
25	MP1A	Y	-83.047	0
26	MP1A	My	-.042	0
27	MP1A	Mz	.055	0
28	MP1A	Y	-83.047	5
29	MP1A	My	-.042	5
30	MP1A	Mz	.055	5
31	MP1B	Y	-83.047	0
32	MP1B	My	-.055	0
33	MP1B	Mz	-.042	0
34	MP1B	Y	-83.047	5
35	MP1B	My	-.055	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP1B	Mz	-.042	5
37	MP1C	Y	-83.047	0
38	MP1C	My	.069	0
39	MP1C	Mz	-.004	0
40	MP1C	Y	-83.047	5
41	MP1C	My	.069	5
42	MP1C	Mz	-.004	5
43	MP1A	Y	-83.047	0
44	MP1A	My	-.042	0
45	MP1A	Mz	-.055	0
46	MP1A	Y	-83.047	5
47	MP1A	My	-.042	5
48	MP1A	Mz	-.055	5
49	MP1B	Y	-83.047	0
50	MP1B	My	.055	0
51	MP1B	Mz	-.042	0
52	MP1B	Y	-83.047	5
53	MP1B	My	.055	5
54	MP1B	Mz	-.042	5
55	MP1C	Y	-83.047	0
56	MP1C	My	-.016	0
57	MP1C	Mz	.067	0
58	MP1C	Y	-83.047	5
59	MP1C	My	-.016	5
60	MP1C	Mz	.067	5
61	MP3A	Y	-35.872	1.5
62	MP3A	My	-.018	1.5
63	MP3A	Mz	0	1.5
64	MP3A	Y	-35.872	3.5
65	MP3A	My	-.018	3.5
66	MP3A	Mz	0	3.5
67	MP3B	Y	-35.872	1.5
68	MP3B	My	0	1.5
69	MP3B	Mz	-.018	1.5
70	MP3B	Y	-35.872	3.5
71	MP3B	My	0	3.5
72	MP3B	Mz	-.018	3.5
73	MP3C	Y	-35.872	1.5
74	MP3C	My	.012	1.5
75	MP3C	Mz	.014	1.5
76	MP3C	Y	-35.872	3.5
77	MP3C	My	.012	3.5
78	MP3C	Mz	.014	3.5
79	OVP	Y	-88.541	1
80	OVP	My	0	1
81	OVP	Mz	0	1
82	MP2A	Y	-45.231	2
83	MP2A	My	.023	2
84	MP2A	Mz	0	2
85	MP2B	Y	-45.231	2
86	MP2B	My	0	2
87	MP2B	Mz	.023	2
88	MP2C	Y	-45.231	2
89	MP2C	My	-.015	2
90	MP2C	Mz	-.017	2
91	MP1A	Y	-43.075	2
92	MP1A	My	.022	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP1A	Mz	0	2
94	MP1B	Y	-43.075	2
95	MP1B	My	0	2
96	MP1B	Mz	.022	2
97	MP1C	Y	-43.075	2
98	MP1C	My	-.014	2
99	MP1C	Mz	-.016	2
100	MP5A	Y	-42.61	1.5
101	MP5A	My	-.021	1.5
102	MP5A	Mz	0	1.5
103	MP5A	Y	-42.61	3.5
104	MP5A	My	-.021	3.5
105	MP5A	Mz	0	3.5
106	MP5B	Y	-42.61	1.5
107	MP5B	My	0	1.5
108	MP5B	Mz	-.021	1.5
109	MP5B	Y	-42.61	3.5
110	MP5B	My	0	3.5
111	MP5B	Mz	-.021	3.5
112	MP5C	Y	-42.61	1.5
113	MP5C	My	.014	1.5
114	MP5C	Mz	.016	1.5
115	MP5C	Y	-42.61	3.5
116	MP5C	My	.014	3.5
117	MP5C	Mz	.016	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	0	4
2	MP1B	Z	-19.493	4
3	MP1B	Mx	-.019	4
4	MP1B	X	0	5
5	MP1B	Z	-19.493	5
6	MP1B	Mx	-.019	5
7	MP1C	X	0	4
8	MP1C	Z	-19.47	4
9	MP1C	Mx	.011	4
10	MP1C	X	0	5
11	MP1C	Z	-19.47	5
12	MP1C	Mx	.011	5
13	MP1B	X	0	4
14	MP1B	Z	-19.493	4
15	MP1B	Mx	-.019	4
16	MP1B	X	0	5
17	MP1B	Z	-19.493	5
18	MP1B	Mx	-.019	5
19	MP1C	X	0	4
20	MP1C	Z	-19.47	4
21	MP1C	Mx	.019	4
22	MP1C	X	0	5
23	MP1C	Z	-19.47	5
24	MP1C	Mx	.019	5
25	MP1A	X	0	0
26	MP1A	Z	-95.763	0
27	MP1A	Mx	-.064	0
28	MP1A	X	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP1A	Z	-95.763	5
30	MP1A	Mx	-.064	5
31	MP1B	X	0	0
32	MP1B	Z	-71.671	0
33	MP1B	Mx	.036	0
34	MP1B	X	0	5
35	MP1B	Z	-71.671	5
36	MP1B	Mx	.036	5
37	MP1C	X	0	0
38	MP1C	Z	-81.625	0
39	MP1C	Mx	.004	0
40	MP1C	X	0	5
41	MP1C	Z	-81.625	5
42	MP1C	Mx	.004	5
43	MP1A	X	0	0
44	MP1A	Z	-95.763	0
45	MP1A	Mx	.064	0
46	MP1A	X	0	5
47	MP1A	Z	-95.763	5
48	MP1A	Mx	.064	5
49	MP1B	X	0	0
50	MP1B	Z	-71.671	0
51	MP1B	Mx	.036	0
52	MP1B	X	0	5
53	MP1B	Z	-71.671	5
54	MP1B	Mx	.036	5
55	MP1C	X	0	0
56	MP1C	Z	-81.625	0
57	MP1C	Mx	-.066	0
58	MP1C	X	0	5
59	MP1C	Z	-81.625	5
60	MP1C	Mx	-.066	5
61	MP3A	X	0	1.5
62	MP3A	Z	-79.364	1.5
63	MP3A	Mx	0	1.5
64	MP3A	X	0	3.5
65	MP3A	Z	-79.364	3.5
66	MP3A	Mx	0	3.5
67	MP3B	X	0	1.5
68	MP3B	Z	-27.332	1.5
69	MP3B	Mx	.014	1.5
70	MP3B	X	0	3.5
71	MP3B	Z	-27.332	3.5
72	MP3B	Mx	.014	3.5
73	MP3C	X	0	1.5
74	MP3C	Z	-48.83	1.5
75	MP3C	Mx	-.019	1.5
76	MP3C	X	0	3.5
77	MP3C	Z	-48.83	3.5
78	MP3C	Mx	-.019	3.5
79	OVP	X	0	1
80	OVP	Z	-120.666	1
81	OVP	Mx	0	1
82	MP2A	X	0	2
83	MP2A	Z	-62.762	2
84	MP2A	Mx	0	2
85	MP2B	X	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP2B	Z	-42.112	2
87	MP2B	Mx	-.021	2
88	MP2C	X	0	2
89	MP2C	Z	-50.644	2
90	MP2C	Mx	.019	2
91	MP1A	X	0	2
92	MP1A	Z	-62.762	2
93	MP1A	Mx	0	2
94	MP1B	X	0	2
95	MP1B	Z	-38.062	2
96	MP1B	Mx	-.019	2
97	MP1C	X	0	2
98	MP1C	Z	-48.268	2
99	MP1C	Mx	.018	2
100	MP5A	X	0	1.5
101	MP5A	Z	-103.052	1.5
102	MP5A	Mx	0	1.5
103	MP5A	X	0	3.5
104	MP5A	Z	-103.052	3.5
105	MP5A	Mx	0	3.5
106	MP5B	X	0	1.5
107	MP5B	Z	-67.417	1.5
108	MP5B	Mx	.034	1.5
109	MP5B	X	0	3.5
110	MP5B	Z	-67.417	3.5
111	MP5B	Mx	.034	3.5
112	MP5C	X	0	1.5
113	MP5C	Z	-82.14	1.5
114	MP5C	Mx	-.031	1.5
115	MP5C	X	0	3.5
116	MP5C	Z	-82.14	3.5
117	MP5C	Mx	-.031	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	9.74	4
2	MP1B	Z	-16.869	4
3	MP1B	Mx	-.014	4
4	MP1B	X	9.74	5
5	MP1B	Z	-16.869	5
6	MP1B	Mx	-.014	5
7	MP1C	X	9.721	4
8	MP1C	Z	-16.838	4
9	MP1C	Mx	.00056	4
10	MP1C	X	9.721	5
11	MP1C	Z	-16.838	5
12	MP1C	Mx	.00056	5
13	MP1B	X	9.74	4
14	MP1B	Z	-16.869	4
15	MP1B	Mx	-.02	4
16	MP1B	X	9.74	5
17	MP1B	Z	-16.869	5
18	MP1B	Mx	-.02	5
19	MP1C	X	9.721	4
20	MP1C	Z	-16.838	4
21	MP1C	Mx	.013	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP1C	X	9.721	5
23	MP1C	Z	-16.838	5
24	MP1C	Mx	.013	5
25	MP1A	X	44.87	0
26	MP1A	Z	-77.717	0
27	MP1A	Mx	-.074	0
28	MP1A	X	44.87	5
29	MP1A	Z	-77.717	5
30	MP1A	Mx	-.074	5
31	MP1B	X	38.847	0
32	MP1B	Z	-67.285	0
33	MP1B	Mx	.008	0
34	MP1B	X	38.847	5
35	MP1B	Z	-67.285	5
36	MP1B	Mx	.008	5
37	MP1C	X	46.473	0
38	MP1C	Z	-80.493	0
39	MP1C	Mx	.042	0
40	MP1C	X	46.473	5
41	MP1C	Z	-80.493	5
42	MP1C	Mx	.042	5
43	MP1A	X	44.87	0
44	MP1A	Z	-77.717	0
45	MP1A	Mx	.029	0
46	MP1A	X	44.87	5
47	MP1A	Z	-77.717	5
48	MP1A	Mx	.029	5
49	MP1B	X	38.847	0
50	MP1B	Z	-67.285	0
51	MP1B	Mx	.06	0
52	MP1B	X	38.847	5
53	MP1B	Z	-67.285	5
54	MP1B	Mx	.06	5
55	MP1C	X	46.473	0
56	MP1C	Z	-80.493	0
57	MP1C	Mx	-.074	0
58	MP1C	X	46.473	5
59	MP1C	Z	-80.493	5
60	MP1C	Mx	-.074	5
61	MP3A	X	33.178	1.5
62	MP3A	Z	-57.466	1.5
63	MP3A	Mx	-.017	1.5
64	MP3A	X	33.178	3.5
65	MP3A	Z	-57.466	3.5
66	MP3A	Mx	-.017	3.5
67	MP3B	X	20.17	1.5
68	MP3B	Z	-34.936	1.5
69	MP3B	Mx	.017	1.5
70	MP3B	X	20.17	3.5
71	MP3B	Z	-34.936	3.5
72	MP3B	Mx	.017	3.5
73	MP3C	X	36.639	1.5
74	MP3C	Z	-63.46	1.5
75	MP3C	Mx	-.013	1.5
76	MP3C	X	36.639	3.5
77	MP3C	Z	-63.46	3.5
78	MP3C	Mx	-.013	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	OVP	X	52.639	1
80	OVP	Z	-91.174	1
81	OVP	Mx	0	1
82	MP2A	X	28.8	2
83	MP2A	Z	-49.883	2
84	MP2A	Mx	.014	2
85	MP2B	X	23.637	2
86	MP2B	Z	-40.941	2
87	MP2B	Mx	-.02	2
88	MP2C	X	30.173	2
89	MP2C	Z	-52.262	2
90	MP2C	Mx	.01	2
91	MP1A	X	28.294	2
92	MP1A	Z	-49.006	2
93	MP1A	Mx	.014	2
94	MP1B	X	22.119	2
95	MP1B	Z	-38.311	2
96	MP1B	Mx	-.019	2
97	MP1C	X	29.937	2
98	MP1C	Z	-51.852	2
99	MP1C	Mx	.01	2
100	MP5A	X	47.072	1.5
101	MP5A	Z	-81.53	1.5
102	MP5A	Mx	-.024	1.5
103	MP5A	X	47.072	3.5
104	MP5A	Z	-81.53	3.5
105	MP5A	Mx	-.024	3.5
106	MP5B	X	38.163	1.5
107	MP5B	Z	-66.1	1.5
108	MP5B	Mx	.033	1.5
109	MP5B	X	38.163	3.5
110	MP5B	Z	-66.1	3.5
111	MP5B	Mx	.033	3.5
112	MP5C	X	49.442	1.5
113	MP5C	Z	-85.636	1.5
114	MP5C	Mx	-.017	1.5
115	MP5C	X	49.442	3.5
116	MP5C	Z	-85.636	3.5
117	MP5C	Mx	-.017	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	16.845	4
2	MP1B	Z	-9.725	4
3	MP1B	Mx	-.004	4
4	MP1B	X	16.845	5
5	MP1B	Z	-9.725	5
6	MP1B	Mx	-.004	5
7	MP1C	X	16.834	4
8	MP1C	Z	-9.719	4
9	MP1C	Mx	-.01	4
10	MP1C	X	16.834	5
11	MP1C	Z	-9.719	5
12	MP1C	Mx	-.01	5
13	MP1B	X	16.845	4
14	MP1B	Z	-9.725	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP1B	Mx	-.015	4
16	MP1B	X	16.845	5
17	MP1B	Z	-9.725	5
18	MP1B	Mx	-.015	5
19	MP1C	X	16.834	4
20	MP1C	Z	-9.719	4
21	MP1C	Mx	.003	4
22	MP1C	X	16.834	5
23	MP1C	Z	-9.719	5
24	MP1C	Mx	.003	5
25	MP1A	X	67.285	0
26	MP1A	Z	-38.847	0
27	MP1A	Mx	-.06	0
28	MP1A	X	67.285	5
29	MP1A	Z	-38.847	5
30	MP1A	Mx	-.06	5
31	MP1B	X	77.717	0
32	MP1B	Z	-44.87	0
33	MP1B	Mx	-.029	0
34	MP1B	X	77.717	5
35	MP1B	Z	-44.87	5
36	MP1B	Mx	-.029	5
37	MP1C	X	82.304	0
38	MP1C	Z	-47.518	0
39	MP1C	Mx	.071	0
40	MP1C	X	82.304	5
41	MP1C	Z	-47.518	5
42	MP1C	Mx	.071	5
43	MP1A	X	67.285	0
44	MP1A	Z	-38.847	0
45	MP1A	Mx	-.008	0
46	MP1A	X	67.285	5
47	MP1A	Z	-38.847	5
48	MP1A	Mx	-.008	5
49	MP1B	X	77.717	0
50	MP1B	Z	-44.87	0
51	MP1B	Mx	.074	0
52	MP1B	X	77.717	5
53	MP1B	Z	-44.87	5
54	MP1B	Mx	.074	5
55	MP1C	X	82.304	0
56	MP1C	Z	-47.518	0
57	MP1C	Mx	-.054	0
58	MP1C	X	82.304	5
59	MP1C	Z	-47.518	5
60	MP1C	Mx	-.054	5
61	MP3A	X	34.936	1.5
62	MP3A	Z	-20.17	1.5
63	MP3A	Mx	-.017	1.5
64	MP3A	X	34.936	3.5
65	MP3A	Z	-20.17	3.5
66	MP3A	Mx	-.017	3.5
67	MP3B	X	57.466	1.5
68	MP3B	Z	-33.178	1.5
69	MP3B	Mx	.017	1.5
70	MP3B	X	57.466	3.5
71	MP3B	Z	-33.178	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP3B	Mx	.017	3.5
73	MP3C	X	67.373	1.5
74	MP3C	Z	-38.898	1.5
75	MP3C	Mx	.007	1.5
76	MP3C	X	67.373	3.5
77	MP3C	Z	-38.898	3.5
78	MP3C	Mx	.007	3.5
79	OVP	X	84.512	1
80	OVP	Z	-48.793	1
81	OVP	Mx	0	1
82	MP2A	X	40.941	2
83	MP2A	Z	-23.637	2
84	MP2A	Mx	.02	2
85	MP2B	X	49.883	2
86	MP2B	Z	-28.8	2
87	MP2B	Mx	-.014	2
88	MP2C	X	53.815	2
89	MP2C	Z	-31.07	2
90	MP2C	Mx	-.005	2
91	MP1A	X	38.311	2
92	MP1A	Z	-22.119	2
93	MP1A	Mx	.019	2
94	MP1B	X	49.006	2
95	MP1B	Z	-28.294	2
96	MP1B	Mx	-.014	2
97	MP1C	X	53.709	2
98	MP1C	Z	-31.009	2
99	MP1C	Mx	-.005	2
100	MP5A	X	66.1	1.5
101	MP5A	Z	-38.163	1.5
102	MP5A	Mx	-.033	1.5
103	MP5A	X	66.1	3.5
104	MP5A	Z	-38.163	3.5
105	MP5A	Mx	-.033	3.5
106	MP5B	X	81.53	1.5
107	MP5B	Z	-47.072	1.5
108	MP5B	Mx	.024	1.5
109	MP5B	X	81.53	3.5
110	MP5B	Z	-47.072	3.5
111	MP5B	Mx	.024	3.5
112	MP5C	X	88.315	1.5
113	MP5C	Z	-50.989	1.5
114	MP5C	Mx	.009	1.5
115	MP5C	X	88.315	3.5
116	MP5C	Z	-50.989	3.5
117	MP5C	Mx	.009	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	19.436	4
2	MP1B	Z	0	4
3	MP1B	Mx	.006	4
4	MP1B	X	19.436	5
5	MP1B	Z	0	5
6	MP1B	Mx	.006	5
7	MP1C	X	19.46	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1C	Z	0	4
9	MP1C	Mx	-.017	4
10	MP1C	X	19.46	5
11	MP1C	Z	0	5
12	MP1C	Mx	-.017	5
13	MP1B	X	19.436	4
14	MP1B	Z	0	4
15	MP1B	Mx	-.006	4
16	MP1B	X	19.436	5
17	MP1B	Z	0	5
18	MP1B	Mx	-.006	5
19	MP1C	X	19.46	4
20	MP1C	Z	0	4
21	MP1C	Mx	-.008	4
22	MP1C	X	19.46	5
23	MP1C	Z	0	5
24	MP1C	Mx	-.008	5
25	MP1A	X	71.671	0
26	MP1A	Z	0	0
27	MP1A	Mx	-.036	0
28	MP1A	X	71.671	5
29	MP1A	Z	0	5
30	MP1A	Mx	-.036	5
31	MP1B	X	95.763	0
32	MP1B	Z	0	0
33	MP1B	Mx	-.064	0
34	MP1B	X	95.763	5
35	MP1B	Z	0	5
36	MP1B	Mx	-.064	5
37	MP1C	X	85.809	0
38	MP1C	Z	0	0
39	MP1C	Mx	.071	0
40	MP1C	X	85.809	5
41	MP1C	Z	0	5
42	MP1C	Mx	.071	5
43	MP1A	X	71.671	0
44	MP1A	Z	0	0
45	MP1A	Mx	-.036	0
46	MP1A	X	71.671	5
47	MP1A	Z	0	5
48	MP1A	Mx	-.036	5
49	MP1B	X	95.763	0
50	MP1B	Z	0	0
51	MP1B	Mx	.064	0
52	MP1B	X	95.763	5
53	MP1B	Z	0	5
54	MP1B	Mx	.064	5
55	MP1C	X	85.809	0
56	MP1C	Z	0	0
57	MP1C	Mx	-.016	0
58	MP1C	X	85.809	5
59	MP1C	Z	0	5
60	MP1C	Mx	-.016	5
61	MP3A	X	27.332	1.5
62	MP3A	Z	0	1.5
63	MP3A	Mx	-.014	1.5
64	MP3A	X	27.332	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP3A	Z	0	3.5
66	MP3A	Mx	-.014	3.5
67	MP3B	X	79.364	1.5
68	MP3B	Z	0	1.5
69	MP3B	Mx	0	1.5
70	MP3B	X	79.364	3.5
71	MP3B	Z	0	3.5
72	MP3B	Mx	0	3.5
73	MP3C	X	57.866	1.5
74	MP3C	Z	0	1.5
75	MP3C	Mx	.019	1.5
76	MP3C	X	57.866	3.5
77	MP3C	Z	0	3.5
78	MP3C	Mx	.019	3.5
79	OVP	X	105.279	1
80	OVP	Z	0	1
81	OVP	Mx	0	1
82	MP2A	X	42.112	2
83	MP2A	Z	0	2
84	MP2A	Mx	.021	2
85	MP2B	X	62.762	2
86	MP2B	Z	0	2
87	MP2B	Mx	0	2
88	MP2C	X	54.23	2
89	MP2C	Z	0	2
90	MP2C	Mx	-.017	2
91	MP1A	X	38.062	2
92	MP1A	Z	0	2
93	MP1A	Mx	.019	2
94	MP1B	X	62.762	2
95	MP1B	Z	0	2
96	MP1B	Mx	0	2
97	MP1C	X	52.557	2
98	MP1C	Z	0	2
99	MP1C	Mx	-.017	2
100	MP5A	X	67.417	1.5
101	MP5A	Z	0	1.5
102	MP5A	Mx	-.034	1.5
103	MP5A	X	67.417	3.5
104	MP5A	Z	0	3.5
105	MP5A	Mx	-.034	3.5
106	MP5B	X	103.052	1.5
107	MP5B	Z	0	1.5
108	MP5B	Mx	0	1.5
109	MP5B	X	103.052	3.5
110	MP5B	Z	0	3.5
111	MP5B	Mx	0	3.5
112	MP5C	X	88.328	1.5
113	MP5C	Z	0	1.5
114	MP5C	Mx	.028	1.5
115	MP5C	X	88.328	3.5
116	MP5C	Z	0	3.5
117	MP5C	Mx	.028	3.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	16.845	4
2	MP1B	Z	9.725	4
3	MP1B	Mx	.015	4
4	MP1B	X	16.845	5
5	MP1B	Z	9.725	5
6	MP1B	Mx	.015	5
7	MP1C	X	16.876	4
8	MP1C	Z	9.743	4
9	MP1C	Mx	-.021	4
10	MP1C	X	16.876	5
11	MP1C	Z	9.743	5
12	MP1C	Mx	-.021	5
13	MP1B	X	16.845	4
14	MP1B	Z	9.725	4
15	MP1B	Mx	.004	4
16	MP1B	X	16.845	5
17	MP1B	Z	9.725	5
18	MP1B	Mx	.004	5
19	MP1C	X	16.876	4
20	MP1C	Z	9.743	4
21	MP1C	Mx	-.016	4
22	MP1C	X	16.876	5
23	MP1C	Z	9.743	5
24	MP1C	Mx	-.016	5
25	MP1A	X	67.285	0
26	MP1A	Z	38.847	0
27	MP1A	Mx	-.008	0
28	MP1A	X	67.285	5
29	MP1A	Z	38.847	5
30	MP1A	Mx	-.008	5
31	MP1B	X	77.717	0
32	MP1B	Z	44.87	0
33	MP1B	Mx	-.074	0
34	MP1B	X	77.717	5
35	MP1B	Z	44.87	5
36	MP1B	Mx	-.074	5
37	MP1C	X	64.509	0
38	MP1C	Z	37.244	0
39	MP1C	Mx	.052	0
40	MP1C	X	64.509	5
41	MP1C	Z	37.244	5
42	MP1C	Mx	.052	5
43	MP1A	X	67.285	0
44	MP1A	Z	38.847	0
45	MP1A	Mx	-.06	0
46	MP1A	X	67.285	5
47	MP1A	Z	38.847	5
48	MP1A	Mx	-.06	5
49	MP1B	X	77.717	0
50	MP1B	Z	44.87	0
51	MP1B	Mx	.029	0
52	MP1B	X	77.717	5
53	MP1B	Z	44.87	5
54	MP1B	Mx	.029	5
55	MP1C	X	64.509	0
56	MP1C	Z	37.244	0
57	MP1C	Mx	.018	0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1C	X	64.509	5
59	MP1C	Z	37.244	5
60	MP1C	Mx	.018	5
61	MP3A	X	34.936	1.5
62	MP3A	Z	20.17	1.5
63	MP3A	Mx	-.017	1.5
64	MP3A	X	34.936	3.5
65	MP3A	Z	20.17	3.5
66	MP3A	Mx	-.017	3.5
67	MP3B	X	57.466	1.5
68	MP3B	Z	33.178	1.5
69	MP3B	Mx	-.017	1.5
70	MP3B	X	57.466	3.5
71	MP3B	Z	33.178	3.5
72	MP3B	Mx	-.017	3.5
73	MP3C	X	28.941	1.5
74	MP3C	Z	16.709	1.5
75	MP3C	Mx	.016	1.5
76	MP3C	X	28.941	3.5
77	MP3C	Z	16.709	3.5
78	MP3C	Mx	.016	3.5
79	OVP	X	104.5	1
80	OVP	Z	60.333	1
81	OVP	Mx	0	1
82	MP2A	X	40.941	2
83	MP2A	Z	23.637	2
84	MP2A	Mx	.02	2
85	MP2B	X	49.883	2
86	MP2B	Z	28.8	2
87	MP2B	Mx	.014	2
88	MP2C	X	38.562	2
89	MP2C	Z	22.264	2
90	MP2C	Mx	-.021	2
91	MP1A	X	38.311	2
92	MP1A	Z	22.119	2
93	MP1A	Mx	.019	2
94	MP1B	X	49.006	2
95	MP1B	Z	28.294	2
96	MP1B	Mx	.014	2
97	MP1C	X	35.465	2
98	MP1C	Z	20.476	2
99	MP1C	Mx	-.019	2
100	MP5A	X	66.1	1.5
101	MP5A	Z	38.163	1.5
102	MP5A	Mx	-.033	1.5
103	MP5A	X	66.1	3.5
104	MP5A	Z	38.163	3.5
105	MP5A	Mx	-.033	3.5
106	MP5B	X	81.53	1.5
107	MP5B	Z	47.072	1.5
108	MP5B	Mx	-.024	1.5
109	MP5B	X	81.53	3.5
110	MP5B	Z	47.072	3.5
111	MP5B	Mx	-.024	3.5
112	MP5C	X	61.995	1.5
113	MP5C	Z	35.793	1.5
114	MP5C	Mx	.034	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP5C	X	61.995	3.5
116	MP5C	Z	35.793	3.5
117	MP5C	Mx	.034	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	9.74	4
2	MP1B	Z	16.869	4
3	MP1B	Mx	.02	4
4	MP1B	X	9.74	5
5	MP1B	Z	16.869	5
6	MP1B	Mx	.02	5
7	MP1C	X	9.746	4
8	MP1C	Z	16.88	4
9	MP1C	Mx	-.018	4
10	MP1C	X	9.746	5
11	MP1C	Z	16.88	5
12	MP1C	Mx	-.018	5
13	MP1B	X	9.74	4
14	MP1B	Z	16.869	4
15	MP1B	Mx	.014	4
16	MP1B	X	9.74	5
17	MP1B	Z	16.869	5
18	MP1B	Mx	.014	5
19	MP1C	X	9.746	4
20	MP1C	Z	16.88	4
21	MP1C	Mx	-.02	4
22	MP1C	X	9.746	5
23	MP1C	Z	16.88	5
24	MP1C	Mx	-.02	5
25	MP1A	X	44.87	0
26	MP1A	Z	77.717	0
27	MP1A	Mx	.029	0
28	MP1A	X	44.87	5
29	MP1A	Z	77.717	5
30	MP1A	Mx	.029	5
31	MP1B	X	38.847	0
32	MP1B	Z	67.285	0
33	MP1B	Mx	-.06	0
34	MP1B	X	38.847	5
35	MP1B	Z	67.285	5
36	MP1B	Mx	-.06	5
37	MP1C	X	36.199	0
38	MP1C	Z	62.698	0
39	MP1C	Mx	.027	0
40	MP1C	X	36.199	5
41	MP1C	Z	62.698	5
42	MP1C	Mx	.027	5
43	MP1A	X	44.87	0
44	MP1A	Z	77.717	0
45	MP1A	Mx	-.074	0
46	MP1A	X	44.87	5
47	MP1A	Z	77.717	5
48	MP1A	Mx	-.074	5
49	MP1B	X	38.847	0
50	MP1B	Z	67.285	0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP1B	Mx	-.008	0
52	MP1B	X	38.847	5
53	MP1B	Z	67.285	5
54	MP1B	Mx	-.008	5
55	MP1C	X	36.199	0
56	MP1C	Z	62.698	0
57	MP1C	Mx	.044	0
58	MP1C	X	36.199	5
59	MP1C	Z	62.698	5
60	MP1C	Mx	.044	5
61	MP3A	X	33.178	1.5
62	MP3A	Z	57.466	1.5
63	MP3A	Mx	-.017	1.5
64	MP3A	X	33.178	3.5
65	MP3A	Z	57.466	3.5
66	MP3A	Mx	-.017	3.5
67	MP3B	X	20.17	1.5
68	MP3B	Z	34.936	1.5
69	MP3B	Mx	-.017	1.5
70	MP3B	X	20.17	3.5
71	MP3B	Z	34.936	3.5
72	MP3B	Mx	-.017	3.5
73	MP3C	X	14.45	1.5
74	MP3C	Z	25.029	1.5
75	MP3C	Mx	.014	1.5
76	MP3C	X	14.45	3.5
77	MP3C	Z	25.029	3.5
78	MP3C	Mx	.014	3.5
79	OVP	X	64.18	1
80	OVP	Z	111.162	1
81	OVP	Mx	0	1
82	MP2A	X	28.8	2
83	MP2A	Z	49.883	2
84	MP2A	Mx	.014	2
85	MP2B	X	23.637	2
86	MP2B	Z	40.941	2
87	MP2B	Mx	.02	2
88	MP2C	X	21.367	2
89	MP2C	Z	37.009	2
90	MP2C	Mx	-.021	2
91	MP1A	X	28.294	2
92	MP1A	Z	49.006	2
93	MP1A	Mx	.014	2
94	MP1B	X	22.119	2
95	MP1B	Z	38.311	2
96	MP1B	Mx	.019	2
97	MP1C	X	19.404	2
98	MP1C	Z	33.608	2
99	MP1C	Mx	-.019	2
100	MP5A	X	47.072	1.5
101	MP5A	Z	81.53	1.5
102	MP5A	Mx	-.024	1.5
103	MP5A	X	47.072	3.5
104	MP5A	Z	81.53	3.5
105	MP5A	Mx	-.024	3.5
106	MP5B	X	38.163	1.5
107	MP5B	Z	66.1	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP5B	Mx	-.033	1.5
109	MP5B	X	38.163	3.5
110	MP5B	Z	66.1	3.5
111	MP5B	Mx	-.033	3.5
112	MP5C	X	34.246	1.5
113	MP5C	Z	59.315	1.5
114	MP5C	Mx	.034	1.5
115	MP5C	X	34.246	3.5
116	MP5C	Z	59.315	3.5
117	MP5C	Mx	.034	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	0	4
2	MP1B	Z	19.493	4
3	MP1B	Mx	.019	4
4	MP1B	X	0	5
5	MP1B	Z	19.493	5
6	MP1B	Mx	.019	5
7	MP1C	X	0	4
8	MP1C	Z	19.47	4
9	MP1C	Mx	-.011	4
10	MP1C	X	0	5
11	MP1C	Z	19.47	5
12	MP1C	Mx	-.011	5
13	MP1B	X	0	4
14	MP1B	Z	19.493	4
15	MP1B	Mx	.019	4
16	MP1B	X	0	5
17	MP1B	Z	19.493	5
18	MP1B	Mx	.019	5
19	MP1C	X	0	4
20	MP1C	Z	19.47	4
21	MP1C	Mx	-.019	4
22	MP1C	X	0	5
23	MP1C	Z	19.47	5
24	MP1C	Mx	-.019	5
25	MP1A	X	0	0
26	MP1A	Z	95.763	0
27	MP1A	Mx	.064	0
28	MP1A	X	0	5
29	MP1A	Z	95.763	5
30	MP1A	Mx	.064	5
31	MP1B	X	0	0
32	MP1B	Z	71.671	0
33	MP1B	Mx	-.036	0
34	MP1B	X	0	5
35	MP1B	Z	71.671	5
36	MP1B	Mx	-.036	5
37	MP1C	X	0	0
38	MP1C	Z	81.625	0
39	MP1C	Mx	-.004	0
40	MP1C	X	0	5
41	MP1C	Z	81.625	5
42	MP1C	Mx	-.004	5
43	MP1A	X	0	0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP1A	Z	95.763	0
45	MP1A	Mx	-.064	0
46	MP1A	X	0	5
47	MP1A	Z	95.763	5
48	MP1A	Mx	-.064	5
49	MP1B	X	0	0
50	MP1B	Z	71.671	0
51	MP1B	Mx	-.036	0
52	MP1B	X	0	5
53	MP1B	Z	71.671	5
54	MP1B	Mx	-.036	5
55	MP1C	X	0	0
56	MP1C	Z	81.625	0
57	MP1C	Mx	.066	0
58	MP1C	X	0	5
59	MP1C	Z	81.625	5
60	MP1C	Mx	.066	5
61	MP3A	X	0	1.5
62	MP3A	Z	79.364	1.5
63	MP3A	Mx	0	1.5
64	MP3A	X	0	3.5
65	MP3A	Z	79.364	3.5
66	MP3A	Mx	0	3.5
67	MP3B	X	0	1.5
68	MP3B	Z	27.332	1.5
69	MP3B	Mx	-.014	1.5
70	MP3B	X	0	3.5
71	MP3B	Z	27.332	3.5
72	MP3B	Mx	-.014	3.5
73	MP3C	X	0	1.5
74	MP3C	Z	48.83	1.5
75	MP3C	Mx	.019	1.5
76	MP3C	X	0	3.5
77	MP3C	Z	48.83	3.5
78	MP3C	Mx	.019	3.5
79	OVP	X	0	1
80	OVP	Z	120.666	1
81	OVP	Mx	0	1
82	MP2A	X	0	2
83	MP2A	Z	62.762	2
84	MP2A	Mx	0	2
85	MP2B	X	0	2
86	MP2B	Z	42.112	2
87	MP2B	Mx	.021	2
88	MP2C	X	0	2
89	MP2C	Z	50.644	2
90	MP2C	Mx	-.019	2
91	MP1A	X	0	2
92	MP1A	Z	62.762	2
93	MP1A	Mx	0	2
94	MP1B	X	0	2
95	MP1B	Z	38.062	2
96	MP1B	Mx	.019	2
97	MP1C	X	0	2
98	MP1C	Z	48.268	2
99	MP1C	Mx	-.018	2
100	MP5A	X	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP5A	Z	103.052	1.5
102	MP5A	Mx	0	1.5
103	MP5A	X	0	3.5
104	MP5A	Z	103.052	3.5
105	MP5A	Mx	0	3.5
106	MP5B	X	0	1.5
107	MP5B	Z	67.417	1.5
108	MP5B	Mx	-.034	1.5
109	MP5B	X	0	3.5
110	MP5B	Z	67.417	3.5
111	MP5B	Mx	-.034	3.5
112	MP5C	X	0	1.5
113	MP5C	Z	82.14	1.5
114	MP5C	Mx	.031	1.5
115	MP5C	X	0	3.5
116	MP5C	Z	82.14	3.5
117	MP5C	Mx	.031	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-9.74	4
2	MP1B	Z	16.869	4
3	MP1B	Mx	.014	4
4	MP1B	X	-9.74	5
5	MP1B	Z	16.869	5
6	MP1B	Mx	.014	5
7	MP1C	X	-9.721	4
8	MP1C	Z	16.838	4
9	MP1C	Mx	-.00056	4
10	MP1C	X	-9.721	5
11	MP1C	Z	16.838	5
12	MP1C	Mx	-.00056	5
13	MP1B	X	-9.74	4
14	MP1B	Z	16.869	4
15	MP1B	Mx	.02	4
16	MP1B	X	-9.74	5
17	MP1B	Z	16.869	5
18	MP1B	Mx	.02	5
19	MP1C	X	-9.721	4
20	MP1C	Z	16.838	4
21	MP1C	Mx	-.013	4
22	MP1C	X	-9.721	5
23	MP1C	Z	16.838	5
24	MP1C	Mx	-.013	5
25	MP1A	X	-44.87	0
26	MP1A	Z	77.717	0
27	MP1A	Mx	.074	0
28	MP1A	X	-44.87	5
29	MP1A	Z	77.717	5
30	MP1A	Mx	.074	5
31	MP1B	X	-38.847	0
32	MP1B	Z	67.285	0
33	MP1B	Mx	-.008	0
34	MP1B	X	-38.847	5
35	MP1B	Z	67.285	5
36	MP1B	Mx	-.008	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP1C	X	-46.473	0
38	MP1C	Z	80.493	0
39	MP1C	Mx	-.042	0
40	MP1C	X	-46.473	5
41	MP1C	Z	80.493	5
42	MP1C	Mx	-.042	5
43	MP1A	X	-44.87	0
44	MP1A	Z	77.717	0
45	MP1A	Mx	-.029	0
46	MP1A	X	-44.87	5
47	MP1A	Z	77.717	5
48	MP1A	Mx	-.029	5
49	MP1B	X	-38.847	0
50	MP1B	Z	67.285	0
51	MP1B	Mx	-.06	0
52	MP1B	X	-38.847	5
53	MP1B	Z	67.285	5
54	MP1B	Mx	-.06	5
55	MP1C	X	-46.473	0
56	MP1C	Z	80.493	0
57	MP1C	Mx	.074	0
58	MP1C	X	-46.473	5
59	MP1C	Z	80.493	5
60	MP1C	Mx	.074	5
61	MP3A	X	-33.178	1.5
62	MP3A	Z	57.466	1.5
63	MP3A	Mx	.017	1.5
64	MP3A	X	-33.178	3.5
65	MP3A	Z	57.466	3.5
66	MP3A	Mx	.017	3.5
67	MP3B	X	-20.17	1.5
68	MP3B	Z	34.936	1.5
69	MP3B	Mx	-.017	1.5
70	MP3B	X	-20.17	3.5
71	MP3B	Z	34.936	3.5
72	MP3B	Mx	-.017	3.5
73	MP3C	X	-36.639	1.5
74	MP3C	Z	63.46	1.5
75	MP3C	Mx	.013	1.5
76	MP3C	X	-36.639	3.5
77	MP3C	Z	63.46	3.5
78	MP3C	Mx	.013	3.5
79	OVP	X	-52.639	1
80	OVP	Z	91.174	1
81	OVP	Mx	0	1
82	MP2A	X	-28.8	2
83	MP2A	Z	49.883	2
84	MP2A	Mx	-.014	2
85	MP2B	X	-23.637	2
86	MP2B	Z	40.941	2
87	MP2B	Mx	.02	2
88	MP2C	X	-30.173	2
89	MP2C	Z	52.262	2
90	MP2C	Mx	-.01	2
91	MP1A	X	-28.294	2
92	MP1A	Z	49.006	2
93	MP1A	Mx	-.014	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP1B	X	-22.119	2
95	MP1B	Z	38.311	2
96	MP1B	Mx	.019	2
97	MP1C	X	-29.937	2
98	MP1C	Z	51.852	2
99	MP1C	Mx	-.01	2
100	MP5A	X	-47.072	1.5
101	MP5A	Z	81.53	1.5
102	MP5A	Mx	.024	1.5
103	MP5A	X	-47.072	3.5
104	MP5A	Z	81.53	3.5
105	MP5A	Mx	.024	3.5
106	MP5B	X	-38.163	1.5
107	MP5B	Z	66.1	1.5
108	MP5B	Mx	-.033	1.5
109	MP5B	X	-38.163	3.5
110	MP5B	Z	66.1	3.5
111	MP5B	Mx	-.033	3.5
112	MP5C	X	-49.442	1.5
113	MP5C	Z	85.636	1.5
114	MP5C	Mx	.017	1.5
115	MP5C	X	-49.442	3.5
116	MP5C	Z	85.636	3.5
117	MP5C	Mx	.017	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-16.845	4
2	MP1B	Z	9.725	4
3	MP1B	Mx	.004	4
4	MP1B	X	-16.845	5
5	MP1B	Z	9.725	5
6	MP1B	Mx	.004	5
7	MP1C	X	-16.834	4
8	MP1C	Z	9.719	4
9	MP1C	Mx	.01	4
10	MP1C	X	-16.834	5
11	MP1C	Z	9.719	5
12	MP1C	Mx	.01	5
13	MP1B	X	-16.845	4
14	MP1B	Z	9.725	4
15	MP1B	Mx	.015	4
16	MP1B	X	-16.845	5
17	MP1B	Z	9.725	5
18	MP1B	Mx	.015	5
19	MP1C	X	-16.834	4
20	MP1C	Z	9.719	4
21	MP1C	Mx	-.003	4
22	MP1C	X	-16.834	5
23	MP1C	Z	9.719	5
24	MP1C	Mx	-.003	5
25	MP1A	X	-67.285	0
26	MP1A	Z	38.847	0
27	MP1A	Mx	.06	0
28	MP1A	X	-67.285	5
29	MP1A	Z	38.847	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP1A	Mx	.06	5
31	MP1B	X	-77.717	0
32	MP1B	Z	44.87	0
33	MP1B	Mx	.029	0
34	MP1B	X	-77.717	5
35	MP1B	Z	44.87	5
36	MP1B	Mx	.029	5
37	MP1C	X	-82.304	0
38	MP1C	Z	47.518	0
39	MP1C	Mx	-.071	0
40	MP1C	X	-82.304	5
41	MP1C	Z	47.518	5
42	MP1C	Mx	-.071	5
43	MP1A	X	-67.285	0
44	MP1A	Z	38.847	0
45	MP1A	Mx	.008	0
46	MP1A	X	-67.285	5
47	MP1A	Z	38.847	5
48	MP1A	Mx	.008	5
49	MP1B	X	-77.717	0
50	MP1B	Z	44.87	0
51	MP1B	Mx	-.074	0
52	MP1B	X	-77.717	5
53	MP1B	Z	44.87	5
54	MP1B	Mx	-.074	5
55	MP1C	X	-82.304	0
56	MP1C	Z	47.518	0
57	MP1C	Mx	.054	0
58	MP1C	X	-82.304	5
59	MP1C	Z	47.518	5
60	MP1C	Mx	.054	5
61	MP3A	X	-34.936	1.5
62	MP3A	Z	20.17	1.5
63	MP3A	Mx	.017	1.5
64	MP3A	X	-34.936	3.5
65	MP3A	Z	20.17	3.5
66	MP3A	Mx	.017	3.5
67	MP3B	X	-57.466	1.5
68	MP3B	Z	33.178	1.5
69	MP3B	Mx	-.017	1.5
70	MP3B	X	-57.466	3.5
71	MP3B	Z	33.178	3.5
72	MP3B	Mx	-.017	3.5
73	MP3C	X	-67.373	1.5
74	MP3C	Z	38.898	1.5
75	MP3C	Mx	-.007	1.5
76	MP3C	X	-67.373	3.5
77	MP3C	Z	38.898	3.5
78	MP3C	Mx	-.007	3.5
79	OVP	X	-84.512	1
80	OVP	Z	48.793	1
81	OVP	Mx	0	1
82	MP2A	X	-40.941	2
83	MP2A	Z	23.637	2
84	MP2A	Mx	-.02	2
85	MP2B	X	-49.883	2
86	MP2B	Z	28.8	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP2B	Mx	.014	2
88	MP2C	X	-53.815	2
89	MP2C	Z	31.07	2
90	MP2C	Mx	.005	2
91	MP1A	X	-38.311	2
92	MP1A	Z	22.119	2
93	MP1A	Mx	-.019	2
94	MP1B	X	-49.006	2
95	MP1B	Z	28.294	2
96	MP1B	Mx	.014	2
97	MP1C	X	-53.709	2
98	MP1C	Z	31.009	2
99	MP1C	Mx	.005	2
100	MP5A	X	-66.1	1.5
101	MP5A	Z	38.163	1.5
102	MP5A	Mx	.033	1.5
103	MP5A	X	-66.1	3.5
104	MP5A	Z	38.163	3.5
105	MP5A	Mx	.033	3.5
106	MP5B	X	-81.53	1.5
107	MP5B	Z	47.072	1.5
108	MP5B	Mx	-.024	1.5
109	MP5B	X	-81.53	3.5
110	MP5B	Z	47.072	3.5
111	MP5B	Mx	-.024	3.5
112	MP5C	X	-88.315	1.5
113	MP5C	Z	50.989	1.5
114	MP5C	Mx	-.009	1.5
115	MP5C	X	-88.315	3.5
116	MP5C	Z	50.989	3.5
117	MP5C	Mx	-.009	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-19.436	4
2	MP1B	Z	0	4
3	MP1B	Mx	-.006	4
4	MP1B	X	-19.436	5
5	MP1B	Z	0	5
6	MP1B	Mx	-.006	5
7	MP1C	X	-19.46	4
8	MP1C	Z	0	4
9	MP1C	Mx	.017	4
10	MP1C	X	-19.46	5
11	MP1C	Z	0	5
12	MP1C	Mx	.017	5
13	MP1B	X	-19.436	4
14	MP1B	Z	0	4
15	MP1B	Mx	.006	4
16	MP1B	X	-19.436	5
17	MP1B	Z	0	5
18	MP1B	Mx	.006	5
19	MP1C	X	-19.46	4
20	MP1C	Z	0	4
21	MP1C	Mx	.008	4
22	MP1C	X	-19.46	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP1C	Z	0	5
24	MP1C	Mx	.008	5
25	MP1A	X	-71.671	0
26	MP1A	Z	0	0
27	MP1A	Mx	.036	0
28	MP1A	X	-71.671	5
29	MP1A	Z	0	5
30	MP1A	Mx	.036	5
31	MP1B	X	-95.763	0
32	MP1B	Z	0	0
33	MP1B	Mx	.064	0
34	MP1B	X	-95.763	5
35	MP1B	Z	0	5
36	MP1B	Mx	.064	5
37	MP1C	X	-85.809	0
38	MP1C	Z	0	0
39	MP1C	Mx	-.071	0
40	MP1C	X	-85.809	5
41	MP1C	Z	0	5
42	MP1C	Mx	-.071	5
43	MP1A	X	-71.671	0
44	MP1A	Z	0	0
45	MP1A	Mx	.036	0
46	MP1A	X	-71.671	5
47	MP1A	Z	0	5
48	MP1A	Mx	.036	5
49	MP1B	X	-95.763	0
50	MP1B	Z	0	0
51	MP1B	Mx	-.064	0
52	MP1B	X	-95.763	5
53	MP1B	Z	0	5
54	MP1B	Mx	-.064	5
55	MP1C	X	-85.809	0
56	MP1C	Z	0	0
57	MP1C	Mx	.016	0
58	MP1C	X	-85.809	5
59	MP1C	Z	0	5
60	MP1C	Mx	.016	5
61	MP3A	X	-27.332	1.5
62	MP3A	Z	0	1.5
63	MP3A	Mx	.014	1.5
64	MP3A	X	-27.332	3.5
65	MP3A	Z	0	3.5
66	MP3A	Mx	.014	3.5
67	MP3B	X	-79.364	1.5
68	MP3B	Z	0	1.5
69	MP3B	Mx	0	1.5
70	MP3B	X	-79.364	3.5
71	MP3B	Z	0	3.5
72	MP3B	Mx	0	3.5
73	MP3C	X	-57.866	1.5
74	MP3C	Z	0	1.5
75	MP3C	Mx	-.019	1.5
76	MP3C	X	-57.866	3.5
77	MP3C	Z	0	3.5
78	MP3C	Mx	-.019	3.5
79	OVP	X	-105.279	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	OVP	Z	0	1
81	OVP	Mx	0	1
82	MP2A	X	-42.112	2
83	MP2A	Z	0	2
84	MP2A	Mx	-.021	2
85	MP2B	X	-62.762	2
86	MP2B	Z	0	2
87	MP2B	Mx	0	2
88	MP2C	X	-54.23	2
89	MP2C	Z	0	2
90	MP2C	Mx	.017	2
91	MP1A	X	-38.062	2
92	MP1A	Z	0	2
93	MP1A	Mx	-.019	2
94	MP1B	X	-62.762	2
95	MP1B	Z	0	2
96	MP1B	Mx	0	2
97	MP1C	X	-52.557	2
98	MP1C	Z	0	2
99	MP1C	Mx	.017	2
100	MP5A	X	-67.417	1.5
101	MP5A	Z	0	1.5
102	MP5A	Mx	.034	1.5
103	MP5A	X	-67.417	3.5
104	MP5A	Z	0	3.5
105	MP5A	Mx	.034	3.5
106	MP5B	X	-103.052	1.5
107	MP5B	Z	0	1.5
108	MP5B	Mx	0	1.5
109	MP5B	X	-103.052	3.5
110	MP5B	Z	0	3.5
111	MP5B	Mx	0	3.5
112	MP5C	X	-88.328	1.5
113	MP5C	Z	0	1.5
114	MP5C	Mx	-.028	1.5
115	MP5C	X	-88.328	3.5
116	MP5C	Z	0	3.5
117	MP5C	Mx	-.028	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-16.845	4
2	MP1B	Z	-9.725	4
3	MP1B	Mx	-.015	4
4	MP1B	X	-16.845	5
5	MP1B	Z	-9.725	5
6	MP1B	Mx	-.015	5
7	MP1C	X	-16.876	4
8	MP1C	Z	-9.743	4
9	MP1C	Mx	.021	4
10	MP1C	X	-16.876	5
11	MP1C	Z	-9.743	5
12	MP1C	Mx	.021	5
13	MP1B	X	-16.845	4
14	MP1B	Z	-9.725	4
15	MP1B	Mx	-.004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP1B	X	-16.845	5
17	MP1B	Z	-9.725	5
18	MP1B	Mx	-.004	5
19	MP1C	X	-16.876	4
20	MP1C	Z	-9.743	4
21	MP1C	Mx	.016	4
22	MP1C	X	-16.876	5
23	MP1C	Z	-9.743	5
24	MP1C	Mx	.016	5
25	MP1A	X	-67.285	0
26	MP1A	Z	-38.847	0
27	MP1A	Mx	.008	0
28	MP1A	X	-67.285	5
29	MP1A	Z	-38.847	5
30	MP1A	Mx	.008	5
31	MP1B	X	-77.717	0
32	MP1B	Z	-44.87	0
33	MP1B	Mx	.074	0
34	MP1B	X	-77.717	5
35	MP1B	Z	-44.87	5
36	MP1B	Mx	.074	5
37	MP1C	X	-64.509	0
38	MP1C	Z	-37.244	0
39	MP1C	Mx	-.052	0
40	MP1C	X	-64.509	5
41	MP1C	Z	-37.244	5
42	MP1C	Mx	-.052	5
43	MP1A	X	-67.285	0
44	MP1A	Z	-38.847	0
45	MP1A	Mx	.06	0
46	MP1A	X	-67.285	5
47	MP1A	Z	-38.847	5
48	MP1A	Mx	.06	5
49	MP1B	X	-77.717	0
50	MP1B	Z	-44.87	0
51	MP1B	Mx	-.029	0
52	MP1B	X	-77.717	5
53	MP1B	Z	-44.87	5
54	MP1B	Mx	-.029	5
55	MP1C	X	-64.509	0
56	MP1C	Z	-37.244	0
57	MP1C	Mx	-.018	0
58	MP1C	X	-64.509	5
59	MP1C	Z	-37.244	5
60	MP1C	Mx	-.018	5
61	MP3A	X	-34.936	1.5
62	MP3A	Z	-20.17	1.5
63	MP3A	Mx	.017	1.5
64	MP3A	X	-34.936	3.5
65	MP3A	Z	-20.17	3.5
66	MP3A	Mx	.017	3.5
67	MP3B	X	-57.466	1.5
68	MP3B	Z	-33.178	1.5
69	MP3B	Mx	.017	1.5
70	MP3B	X	-57.466	3.5
71	MP3B	Z	-33.178	3.5
72	MP3B	Mx	.017	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP3C	X	-28.941	1.5
74	MP3C	Z	-16.709	1.5
75	MP3C	Mx	-.016	1.5
76	MP3C	X	-28.941	3.5
77	MP3C	Z	-16.709	3.5
78	MP3C	Mx	-.016	3.5
79	OVP	X	-104.5	1
80	OVP	Z	-60.333	1
81	OVP	Mx	0	1
82	MP2A	X	-40.941	2
83	MP2A	Z	-23.637	2
84	MP2A	Mx	-.02	2
85	MP2B	X	-49.883	2
86	MP2B	Z	-28.8	2
87	MP2B	Mx	-.014	2
88	MP2C	X	-38.562	2
89	MP2C	Z	-22.264	2
90	MP2C	Mx	.021	2
91	MP1A	X	-38.311	2
92	MP1A	Z	-22.119	2
93	MP1A	Mx	-.019	2
94	MP1B	X	-49.006	2
95	MP1B	Z	-28.294	2
96	MP1B	Mx	-.014	2
97	MP1C	X	-35.465	2
98	MP1C	Z	-20.476	2
99	MP1C	Mx	.019	2
100	MP5A	X	-66.1	1.5
101	MP5A	Z	-38.163	1.5
102	MP5A	Mx	.033	1.5
103	MP5A	X	-66.1	3.5
104	MP5A	Z	-38.163	3.5
105	MP5A	Mx	.033	3.5
106	MP5B	X	-81.53	1.5
107	MP5B	Z	-47.072	1.5
108	MP5B	Mx	.024	1.5
109	MP5B	X	-81.53	3.5
110	MP5B	Z	-47.072	3.5
111	MP5B	Mx	.024	3.5
112	MP5C	X	-61.995	1.5
113	MP5C	Z	-35.793	1.5
114	MP5C	Mx	-.034	1.5
115	MP5C	X	-61.995	3.5
116	MP5C	Z	-35.793	3.5
117	MP5C	Mx	-.034	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-9.74	4
2	MP1B	Z	-16.869	4
3	MP1B	Mx	-.02	4
4	MP1B	X	-9.74	5
5	MP1B	Z	-16.869	5
6	MP1B	Mx	-.02	5
7	MP1C	X	-9.746	4
8	MP1C	Z	-16.88	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1C	Mx	.018	4
10	MP1C	X	-9.746	5
11	MP1C	Z	-16.88	5
12	MP1C	Mx	.018	5
13	MP1B	X	-9.74	4
14	MP1B	Z	-16.869	4
15	MP1B	Mx	-.014	4
16	MP1B	X	-9.74	5
17	MP1B	Z	-16.869	5
18	MP1B	Mx	-.014	5
19	MP1C	X	-9.746	4
20	MP1C	Z	-16.88	4
21	MP1C	Mx	.02	4
22	MP1C	X	-9.746	5
23	MP1C	Z	-16.88	5
24	MP1C	Mx	.02	5
25	MP1A	X	-44.87	0
26	MP1A	Z	-77.717	0
27	MP1A	Mx	-.029	0
28	MP1A	X	-44.87	5
29	MP1A	Z	-77.717	5
30	MP1A	Mx	-.029	5
31	MP1B	X	-38.847	0
32	MP1B	Z	-67.285	0
33	MP1B	Mx	.06	0
34	MP1B	X	-38.847	5
35	MP1B	Z	-67.285	5
36	MP1B	Mx	.06	5
37	MP1C	X	-36.199	0
38	MP1C	Z	-62.698	0
39	MP1C	Mx	-.027	0
40	MP1C	X	-36.199	5
41	MP1C	Z	-62.698	5
42	MP1C	Mx	-.027	5
43	MP1A	X	-44.87	0
44	MP1A	Z	-77.717	0
45	MP1A	Mx	.074	0
46	MP1A	X	-44.87	5
47	MP1A	Z	-77.717	5
48	MP1A	Mx	.074	5
49	MP1B	X	-38.847	0
50	MP1B	Z	-67.285	0
51	MP1B	Mx	.008	0
52	MP1B	X	-38.847	5
53	MP1B	Z	-67.285	5
54	MP1B	Mx	.008	5
55	MP1C	X	-36.199	0
56	MP1C	Z	-62.698	0
57	MP1C	Mx	-.044	0
58	MP1C	X	-36.199	5
59	MP1C	Z	-62.698	5
60	MP1C	Mx	-.044	5
61	MP3A	X	-33.178	1.5
62	MP3A	Z	-57.466	1.5
63	MP3A	Mx	.017	1.5
64	MP3A	X	-33.178	3.5
65	MP3A	Z	-57.466	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3A	Mx	.017	3.5
67	MP3B	X	-20.17	1.5
68	MP3B	Z	-34.936	1.5
69	MP3B	Mx	.017	1.5
70	MP3B	X	-20.17	3.5
71	MP3B	Z	-34.936	3.5
72	MP3B	Mx	.017	3.5
73	MP3C	X	-14.45	1.5
74	MP3C	Z	-25.029	1.5
75	MP3C	Mx	-.014	1.5
76	MP3C	X	-14.45	3.5
77	MP3C	Z	-25.029	3.5
78	MP3C	Mx	-.014	3.5
79	OVP	X	-64.18	1
80	OVP	Z	-111.162	1
81	OVP	Mx	0	1
82	MP2A	X	-28.8	2
83	MP2A	Z	-49.883	2
84	MP2A	Mx	-.014	2
85	MP2B	X	-23.637	2
86	MP2B	Z	-40.941	2
87	MP2B	Mx	-.02	2
88	MP2C	X	-21.367	2
89	MP2C	Z	-37.009	2
90	MP2C	Mx	.021	2
91	MP1A	X	-28.294	2
92	MP1A	Z	-49.006	2
93	MP1A	Mx	-.014	2
94	MP1B	X	-22.119	2
95	MP1B	Z	-38.311	2
96	MP1B	Mx	-.019	2
97	MP1C	X	-19.404	2
98	MP1C	Z	-33.608	2
99	MP1C	Mx	.019	2
100	MP5A	X	-47.072	1.5
101	MP5A	Z	-81.53	1.5
102	MP5A	Mx	.024	1.5
103	MP5A	X	-47.072	3.5
104	MP5A	Z	-81.53	3.5
105	MP5A	Mx	.024	3.5
106	MP5B	X	-38.163	1.5
107	MP5B	Z	-66.1	1.5
108	MP5B	Mx	.033	1.5
109	MP5B	X	-38.163	3.5
110	MP5B	Z	-66.1	3.5
111	MP5B	Mx	.033	3.5
112	MP5C	X	-34.246	1.5
113	MP5C	Z	-59.315	1.5
114	MP5C	Mx	-.034	1.5
115	MP5C	X	-34.246	3.5
116	MP5C	Z	-59.315	3.5
117	MP5C	Mx	-.034	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP1B	Z	-3.689	4
3	MP1B	Mx	-.004	4
4	MP1B	X	0	5
5	MP1B	Z	-3.689	5
6	MP1B	Mx	-.004	5
7	MP1C	X	0	4
8	MP1C	Z	-2.74	4
9	MP1C	Mx	.002	4
10	MP1C	X	0	5
11	MP1C	Z	-2.74	5
12	MP1C	Mx	.002	5
13	MP1B	X	0	4
14	MP1B	Z	-3.689	4
15	MP1B	Mx	-.004	4
16	MP1B	X	0	5
17	MP1B	Z	-3.689	5
18	MP1B	Mx	-.004	5
19	MP1C	X	0	4
20	MP1C	Z	-2.74	4
21	MP1C	Mx	.003	4
22	MP1C	X	0	5
23	MP1C	Z	-2.74	5
24	MP1C	Mx	.003	5
25	MP1A	X	0	0
26	MP1A	Z	-32.252	0
27	MP1A	Mx	-.022	0
28	MP1A	X	0	5
29	MP1A	Z	-32.252	5
30	MP1A	Mx	-.022	5
31	MP1B	X	0	0
32	MP1B	Z	-24.402	0
33	MP1B	Mx	.012	0
34	MP1B	X	0	5
35	MP1B	Z	-24.402	5
36	MP1B	Mx	.012	5
37	MP1C	X	0	0
38	MP1C	Z	-27.645	0
39	MP1C	Mx	.001	0
40	MP1C	X	0	5
41	MP1C	Z	-27.645	5
42	MP1C	Mx	.001	5
43	MP1A	X	0	0
44	MP1A	Z	-32.252	0
45	MP1A	Mx	.022	0
46	MP1A	X	0	5
47	MP1A	Z	-32.252	5
48	MP1A	Mx	.022	5
49	MP1B	X	0	0
50	MP1B	Z	-24.402	0
51	MP1B	Mx	.012	0
52	MP1B	X	0	5
53	MP1B	Z	-24.402	5
54	MP1B	Mx	.012	5
55	MP1C	X	0	0
56	MP1C	Z	-27.645	0
57	MP1C	Mx	-.022	0
58	MP1C	X	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP1C	Z	-27.645	5
60	MP1C	Mx	-.022	5
61	MP3A	X	0	1.5
62	MP3A	Z	-15.914	1.5
63	MP3A	Mx	0	1.5
64	MP3A	X	0	3.5
65	MP3A	Z	-15.914	3.5
66	MP3A	Mx	0	3.5
67	MP3B	X	0	1.5
68	MP3B	Z	-6.783	1.5
69	MP3B	Mx	.003	1.5
70	MP3B	X	0	3.5
71	MP3B	Z	-6.783	3.5
72	MP3B	Mx	.003	3.5
73	MP3C	X	0	1.5
74	MP3C	Z	-10.556	1.5
75	MP3C	Mx	-.004	1.5
76	MP3C	X	0	3.5
77	MP3C	Z	-10.556	3.5
78	MP3C	Mx	-.004	3.5
79	OVP	X	0	1
80	OVP	Z	-26.064	1
81	OVP	Mx	0	1
82	MP2A	X	0	2
83	MP2A	Z	-13.417	2
84	MP2A	Mx	0	2
85	MP2B	X	0	2
86	MP2B	Z	-9.336	2
87	MP2B	Mx	-.005	2
88	MP2C	X	0	2
89	MP2C	Z	-11.022	2
90	MP2C	Mx	.004	2
91	MP1A	X	0	2
92	MP1A	Z	-13.417	2
93	MP1A	Mx	0	2
94	MP1B	X	0	2
95	MP1B	Z	-8.601	2
96	MP1B	Mx	-.004	2
97	MP1C	X	0	2
98	MP1C	Z	-10.591	2
99	MP1C	Mx	.004	2
100	MP5A	X	0	1.5
101	MP5A	Z	-17.171	1.5
102	MP5A	Mx	0	1.5
103	MP5A	X	0	3.5
104	MP5A	Z	-17.171	3.5
105	MP5A	Mx	0	3.5
106	MP5B	X	0	1.5
107	MP5B	Z	-11.654	1.5
108	MP5B	Mx	.006	1.5
109	MP5B	X	0	3.5
110	MP5B	Z	-11.654	3.5
111	MP5B	Mx	.006	3.5
112	MP5C	X	0	1.5
113	MP5C	Z	-13.934	1.5
114	MP5C	Mx	-.005	1.5
115	MP5C	X	0	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
116	MP5C	Z	-13.934	3.5
117	MP5C	Mx	-.005	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	1.557	4
2	MP1B	Z	-2.698	4
3	MP1B	Mx	-.002	4
4	MP1B	X	1.557	5
5	MP1B	Z	-2.698	5
6	MP1B	Mx	-.002	5
7	MP1C	X	.83	4
8	MP1C	Z	-1.438	4
9	MP1C	Mx	4.8e-5	4
10	MP1C	X	.83	5
11	MP1C	Z	-1.438	5
12	MP1C	Mx	4.8e-5	5
13	MP1B	X	1.557	4
14	MP1B	Z	-2.698	4
15	MP1B	Mx	-.003	4
16	MP1B	X	1.557	5
17	MP1B	Z	-2.698	5
18	MP1B	Mx	-.003	5
19	MP1C	X	.83	4
20	MP1C	Z	-1.438	4
21	MP1C	Mx	.001	4
22	MP1C	X	.83	5
23	MP1C	Z	-1.438	5
24	MP1C	Mx	.001	5
25	MP1A	X	15.145	0
26	MP1A	Z	-26.232	0
27	MP1A	Mx	-.025	0
28	MP1A	X	15.145	5
29	MP1A	Z	-26.232	5
30	MP1A	Mx	-.025	5
31	MP1B	X	13.182	0
32	MP1B	Z	-22.832	0
33	MP1B	Mx	.003	0
34	MP1B	X	13.182	5
35	MP1B	Z	-22.832	5
36	MP1B	Mx	.003	5
37	MP1C	X	15.667	0
38	MP1C	Z	-27.136	0
39	MP1C	Mx	.014	0
40	MP1C	X	15.667	5
41	MP1C	Z	-27.136	5
42	MP1C	Mx	.014	5
43	MP1A	X	15.145	0
44	MP1A	Z	-26.232	0
45	MP1A	Mx	.01	0
46	MP1A	X	15.145	5
47	MP1A	Z	-26.232	5
48	MP1A	Mx	.01	5
49	MP1B	X	13.182	0
50	MP1B	Z	-22.832	0
51	MP1B	Mx	.02	0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP1B	X	13.182	5
53	MP1B	Z	-22.832	5
54	MP1B	Mx	.02	5
55	MP1C	X	15.667	0
56	MP1C	Z	-27.136	0
57	MP1C	Mx	-.025	0
58	MP1C	X	15.667	5
59	MP1C	Z	-27.136	5
60	MP1C	Mx	-.025	5
61	MP3A	X	6.816	1.5
62	MP3A	Z	-11.805	1.5
63	MP3A	Mx	-.003	1.5
64	MP3A	X	6.816	3.5
65	MP3A	Z	-11.805	3.5
66	MP3A	Mx	-.003	3.5
67	MP3B	X	4.533	1.5
68	MP3B	Z	-7.851	1.5
69	MP3B	Mx	.004	1.5
70	MP3B	X	4.533	3.5
71	MP3B	Z	-7.851	3.5
72	MP3B	Mx	.004	3.5
73	MP3C	X	7.423	1.5
74	MP3C	Z	-12.857	1.5
75	MP3C	Mx	-.003	1.5
76	MP3C	X	7.423	3.5
77	MP3C	Z	-12.857	3.5
78	MP3C	Mx	-.003	3.5
79	OVP	X	11.53	1
80	OVP	Z	-19.971	1
81	OVP	Mx	0	1
82	MP2A	X	6.199	2
83	MP2A	Z	-10.736	2
84	MP2A	Mx	.003	2
85	MP2B	X	5.178	2
86	MP2B	Z	-8.969	2
87	MP2B	Mx	-.004	2
88	MP2C	X	6.47	2
89	MP2C	Z	-11.206	2
90	MP2C	Mx	.002	2
91	MP1A	X	6.107	2
92	MP1A	Z	-10.577	2
93	MP1A	Mx	.003	2
94	MP1B	X	4.903	2
95	MP1B	Z	-8.491	2
96	MP1B	Mx	-.004	2
97	MP1C	X	6.427	2
98	MP1C	Z	-11.132	2
99	MP1C	Mx	.002	2
100	MP5A	X	7.896	1.5
101	MP5A	Z	-13.676	1.5
102	MP5A	Mx	-.004	1.5
103	MP5A	X	7.896	3.5
104	MP5A	Z	-13.676	3.5
105	MP5A	Mx	-.004	3.5
106	MP5B	X	6.517	1.5
107	MP5B	Z	-11.287	1.5
108	MP5B	Mx	.006	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	MP5B	X	6.517	3.5
110	MP5B	Z	-11.287	3.5
111	MP5B	Mx	.006	3.5
112	MP5C	X	8.263	1.5
113	MP5C	Z	-14.311	1.5
114	MP5C	Mx	-.003	1.5
115	MP5C	X	8.263	3.5
116	MP5C	Z	-14.311	3.5
117	MP5C	Mx	-.003	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	1.703	4
2	MP1B	Z	-.983	4
3	MP1B	Mx	-.000415	4
4	MP1B	X	1.703	5
5	MP1B	Z	-.983	5
6	MP1B	Mx	-.000415	5
7	MP1C	X	1.265	4
8	MP1C	Z	-.731	4
9	MP1C	Mx	-.000733	4
10	MP1C	X	1.265	5
11	MP1C	Z	-.731	5
12	MP1C	Mx	-.000733	5
13	MP1B	X	1.703	4
14	MP1B	Z	-.983	4
15	MP1B	Mx	-.002	4
16	MP1B	X	1.703	5
17	MP1B	Z	-.983	5
18	MP1B	Mx	-.002	5
19	MP1C	X	1.265	4
20	MP1C	Z	-.731	4
21	MP1C	Mx	.000226	4
22	MP1C	X	1.265	5
23	MP1C	Z	-.731	5
24	MP1C	Mx	.000226	5
25	MP1A	X	22.832	0
26	MP1A	Z	-13.182	0
27	MP1A	Mx	-.02	0
28	MP1A	X	22.832	5
29	MP1A	Z	-13.182	5
30	MP1A	Mx	-.02	5
31	MP1B	X	26.232	0
32	MP1B	Z	-15.145	0
33	MP1B	Mx	-.01	0
34	MP1B	X	26.232	5
35	MP1B	Z	-15.145	5
36	MP1B	Mx	-.01	5
37	MP1C	X	27.726	0
38	MP1C	Z	-16.008	0
39	MP1C	Mx	.024	0
40	MP1C	X	27.726	5
41	MP1C	Z	-16.008	5
42	MP1C	Mx	.024	5
43	MP1A	X	22.832	0
44	MP1A	Z	-13.182	0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP1A	Mx	-.003	0
46	MP1A	X	22.832	5
47	MP1A	Z	-13.182	5
48	MP1A	Mx	-.003	5
49	MP1B	X	26.232	0
50	MP1B	Z	-15.145	0
51	MP1B	Mx	.025	0
52	MP1B	X	26.232	5
53	MP1B	Z	-15.145	5
54	MP1B	Mx	.025	5
55	MP1C	X	27.726	0
56	MP1C	Z	-16.008	0
57	MP1C	Mx	-.018	0
58	MP1C	X	27.726	5
59	MP1C	Z	-16.008	5
60	MP1C	Mx	-.018	5
61	MP3A	X	7.851	1.5
62	MP3A	Z	-4.533	1.5
63	MP3A	Mx	-.004	1.5
64	MP3A	X	7.851	3.5
65	MP3A	Z	-4.533	3.5
66	MP3A	Mx	-.004	3.5
67	MP3B	X	11.805	1.5
68	MP3B	Z	-6.816	1.5
69	MP3B	Mx	.003	1.5
70	MP3B	X	11.805	3.5
71	MP3B	Z	-6.816	3.5
72	MP3B	Mx	.003	3.5
73	MP3C	X	13.544	1.5
74	MP3C	Z	-7.819	1.5
75	MP3C	Mx	.001	1.5
76	MP3C	X	13.544	3.5
77	MP3C	Z	-7.819	3.5
78	MP3C	Mx	.001	3.5
79	OVP	X	18.67	1
80	OVP	Z	-10.779	1
81	OVP	Mx	0	1
82	MP2A	X	8.969	2
83	MP2A	Z	-5.178	2
84	MP2A	Mx	.004	2
85	MP2B	X	10.736	2
86	MP2B	Z	-6.199	2
87	MP2B	Mx	-.003	2
88	MP2C	X	11.513	2
89	MP2C	Z	-6.647	2
90	MP2C	Mx	-.001	2
91	MP1A	X	8.491	2
92	MP1A	Z	-4.903	2
93	MP1A	Mx	.004	2
94	MP1B	X	10.577	2
95	MP1B	Z	-6.107	2
96	MP1B	Mx	-.003	2
97	MP1C	X	11.494	2
98	MP1C	Z	-6.636	2
99	MP1C	Mx	-.001	2
100	MP5A	X	11.287	1.5
101	MP5A	Z	-6.517	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP5A	Mx	-.006	1.5
103	MP5A	X	11.287	3.5
104	MP5A	Z	-6.517	3.5
105	MP5A	Mx	-.006	3.5
106	MP5B	X	13.676	1.5
107	MP5B	Z	-7.896	1.5
108	MP5B	Mx	.004	1.5
109	MP5B	X	13.676	3.5
110	MP5B	Z	-7.896	3.5
111	MP5B	Mx	.004	3.5
112	MP5C	X	14.726	1.5
113	MP5C	Z	-8.502	1.5
114	MP5C	Mx	.001	1.5
115	MP5C	X	14.726	3.5
116	MP5C	Z	-8.502	3.5
117	MP5C	Mx	.001	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	1.392	4
2	MP1B	Z	0	4
3	MP1B	Mx	.000464	4
4	MP1B	X	1.392	5
5	MP1B	Z	0	5
6	MP1B	Mx	.000464	5
7	MP1C	X	2.341	4
8	MP1C	Z	0	4
9	MP1C	Mx	-.002	4
10	MP1C	X	2.341	5
11	MP1C	Z	0	5
12	MP1C	Mx	-.002	5
13	MP1B	X	1.392	4
14	MP1B	Z	0	4
15	MP1B	Mx	-.000464	4
16	MP1B	X	1.392	5
17	MP1B	Z	0	5
18	MP1B	Mx	-.000464	5
19	MP1C	X	2.341	4
20	MP1C	Z	0	4
21	MP1C	Mx	-.000907	4
22	MP1C	X	2.341	5
23	MP1C	Z	0	5
24	MP1C	Mx	-.000907	5
25	MP1A	X	24.402	0
26	MP1A	Z	0	0
27	MP1A	Mx	-.012	0
28	MP1A	X	24.402	5
29	MP1A	Z	0	5
30	MP1A	Mx	-.012	5
31	MP1B	X	32.252	0
32	MP1B	Z	0	0
33	MP1B	Mx	-.022	0
34	MP1B	X	32.252	5
35	MP1B	Z	0	5
36	MP1B	Mx	-.022	5
37	MP1C	X	29.009	0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP1C	Z	0	0
39	MP1C	Mx	.024	0
40	MP1C	X	29.009	5
41	MP1C	Z	0	5
42	MP1C	Mx	.024	5
43	MP1A	X	24.402	0
44	MP1A	Z	0	0
45	MP1A	Mx	-.012	0
46	MP1A	X	24.402	5
47	MP1A	Z	0	5
48	MP1A	Mx	-.012	5
49	MP1B	X	32.252	0
50	MP1B	Z	0	0
51	MP1B	Mx	.022	0
52	MP1B	X	32.252	5
53	MP1B	Z	0	5
54	MP1B	Mx	.022	5
55	MP1C	X	29.009	0
56	MP1C	Z	0	0
57	MP1C	Mx	-.005	0
58	MP1C	X	29.009	5
59	MP1C	Z	0	5
60	MP1C	Mx	-.005	5
61	MP3A	X	6.783	1.5
62	MP3A	Z	0	1.5
63	MP3A	Mx	-.003	1.5
64	MP3A	X	6.783	3.5
65	MP3A	Z	0	3.5
66	MP3A	Mx	-.003	3.5
67	MP3B	X	15.914	1.5
68	MP3B	Z	0	1.5
69	MP3B	Mx	0	1.5
70	MP3B	X	15.914	3.5
71	MP3B	Z	0	3.5
72	MP3B	Mx	0	3.5
73	MP3C	X	12.141	1.5
74	MP3C	Z	0	1.5
75	MP3C	Mx	.004	1.5
76	MP3C	X	12.141	3.5
77	MP3C	Z	0	3.5
78	MP3C	Mx	.004	3.5
79	OVP	X	23.06	1
80	OVP	Z	0	1
81	OVP	Mx	0	1
82	MP2A	X	9.336	2
83	MP2A	Z	0	2
84	MP2A	Mx	.005	2
85	MP2B	X	13.417	2
86	MP2B	Z	0	2
87	MP2B	Mx	0	2
88	MP2C	X	11.731	2
89	MP2C	Z	0	2
90	MP2C	Mx	-.004	2
91	MP1A	X	8.601	2
92	MP1A	Z	0	2
93	MP1A	Mx	.004	2
94	MP1B	X	13.417	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP1B	Z	0	2
96	MP1B	Mx	0	2
97	MP1C	X	11.427	2
98	MP1C	Z	0	2
99	MP1C	Mx	-.004	2
100	MP5A	X	11.654	1.5
101	MP5A	Z	0	1.5
102	MP5A	Mx	-.006	1.5
103	MP5A	X	11.654	3.5
104	MP5A	Z	0	3.5
105	MP5A	Mx	-.006	3.5
106	MP5B	X	17.171	1.5
107	MP5B	Z	0	1.5
108	MP5B	Mx	0	1.5
109	MP5B	X	17.171	3.5
110	MP5B	Z	0	3.5
111	MP5B	Mx	0	3.5
112	MP5C	X	14.891	1.5
113	MP5C	Z	0	1.5
114	MP5C	Mx	.005	1.5
115	MP5C	X	14.891	3.5
116	MP5C	Z	0	3.5
117	MP5C	Mx	.005	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	1.703	4
2	MP1B	Z	.983	4
3	MP1B	Mx	.002	4
4	MP1B	X	1.703	5
5	MP1B	Z	.983	5
6	MP1B	Mx	.002	5
7	MP1C	X	2.962	4
8	MP1C	Z	1.71	4
9	MP1C	Mx	-.004	4
10	MP1C	X	2.962	5
11	MP1C	Z	1.71	5
12	MP1C	Mx	-.004	5
13	MP1B	X	1.703	4
14	MP1B	Z	.983	4
15	MP1B	Mx	.000415	4
16	MP1B	X	1.703	5
17	MP1B	Z	.983	5
18	MP1B	Mx	.000415	5
19	MP1C	X	2.962	4
20	MP1C	Z	1.71	4
21	MP1C	Mx	-.003	4
22	MP1C	X	2.962	5
23	MP1C	Z	1.71	5
24	MP1C	Mx	-.003	5
25	MP1A	X	22.832	0
26	MP1A	Z	13.182	0
27	MP1A	Mx	-.003	0
28	MP1A	X	22.832	5
29	MP1A	Z	13.182	5
30	MP1A	Mx	-.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP1B	X	26.232	0
32	MP1B	Z	15.145	0
33	MP1B	Mx	-.025	0
34	MP1B	X	26.232	5
35	MP1B	Z	15.145	5
36	MP1B	Mx	-.025	5
37	MP1C	X	21.928	0
38	MP1C	Z	12.66	0
39	MP1C	Mx	.018	0
40	MP1C	X	21.928	5
41	MP1C	Z	12.66	5
42	MP1C	Mx	.018	5
43	MP1A	X	22.832	0
44	MP1A	Z	13.182	0
45	MP1A	Mx	-.02	0
46	MP1A	X	22.832	5
47	MP1A	Z	13.182	5
48	MP1A	Mx	-.02	5
49	MP1B	X	26.232	0
50	MP1B	Z	15.145	0
51	MP1B	Mx	.01	0
52	MP1B	X	26.232	5
53	MP1B	Z	15.145	5
54	MP1B	Mx	.01	5
55	MP1C	X	21.928	0
56	MP1C	Z	12.66	0
57	MP1C	Mx	.006	0
58	MP1C	X	21.928	5
59	MP1C	Z	12.66	5
60	MP1C	Mx	.006	5
61	MP3A	X	7.851	1.5
62	MP3A	Z	4.533	1.5
63	MP3A	Mx	-.004	1.5
64	MP3A	X	7.851	3.5
65	MP3A	Z	4.533	3.5
66	MP3A	Mx	-.004	3.5
67	MP3B	X	11.805	1.5
68	MP3B	Z	6.816	1.5
69	MP3B	Mx	-.003	1.5
70	MP3B	X	11.805	3.5
71	MP3B	Z	6.816	3.5
72	MP3B	Mx	-.003	3.5
73	MP3C	X	6.799	1.5
74	MP3C	Z	3.925	1.5
75	MP3C	Mx	.004	1.5
76	MP3C	X	6.799	3.5
77	MP3C	Z	3.925	3.5
78	MP3C	Mx	.004	3.5
79	OVP	X	22.572	1
80	OVP	Z	13.032	1
81	OVP	Mx	0	1
82	MP2A	X	8.969	2
83	MP2A	Z	5.178	2
84	MP2A	Mx	.004	2
85	MP2B	X	10.736	2
86	MP2B	Z	6.199	2
87	MP2B	Mx	.003	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP2C	X	8.498	2
89	MP2C	Z	4.907	2
90	MP2C	Mx	-.005	2
91	MP1A	X	8.491	2
92	MP1A	Z	4.903	2
93	MP1A	Mx	.004	2
94	MP1B	X	10.577	2
95	MP1B	Z	6.107	2
96	MP1B	Mx	.003	2
97	MP1C	X	7.937	2
98	MP1C	Z	4.582	2
99	MP1C	Mx	-.004	2
100	MP5A	X	11.287	1.5
101	MP5A	Z	6.517	1.5
102	MP5A	Mx	-.006	1.5
103	MP5A	X	11.287	3.5
104	MP5A	Z	6.517	3.5
105	MP5A	Mx	-.006	3.5
106	MP5B	X	13.676	1.5
107	MP5B	Z	7.896	1.5
108	MP5B	Mx	-.004	1.5
109	MP5B	X	13.676	3.5
110	MP5B	Z	7.896	3.5
111	MP5B	Mx	-.004	3.5
112	MP5C	X	10.652	1.5
113	MP5C	Z	6.15	1.5
114	MP5C	Mx	.006	1.5
115	MP5C	X	10.652	3.5
116	MP5C	Z	6.15	3.5
117	MP5C	Mx	.006	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	1.557	4
2	MP1B	Z	2.698	4
3	MP1B	Mx	.003	4
4	MP1B	X	1.557	5
5	MP1B	Z	2.698	5
6	MP1B	Mx	.003	5
7	MP1C	X	1.81	4
8	MP1C	Z	3.135	4
9	MP1C	Mx	-.003	4
10	MP1C	X	1.81	5
11	MP1C	Z	3.135	5
12	MP1C	Mx	-.003	5
13	MP1B	X	1.557	4
14	MP1B	Z	2.698	4
15	MP1B	Mx	.002	4
16	MP1B	X	1.557	5
17	MP1B	Z	2.698	5
18	MP1B	Mx	.002	5
19	MP1C	X	1.81	4
20	MP1C	Z	3.135	4
21	MP1C	Mx	-.004	4
22	MP1C	X	1.81	5
23	MP1C	Z	3.135	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP1C	Mx	-.004	5
25	MP1A	X	15.145	0
26	MP1A	Z	26.232	0
27	MP1A	Mx	.01	0
28	MP1A	X	15.145	5
29	MP1A	Z	26.232	5
30	MP1A	Mx	.01	5
31	MP1B	X	13.182	0
32	MP1B	Z	22.832	0
33	MP1B	Mx	-.02	0
34	MP1B	X	13.182	5
35	MP1B	Z	22.832	5
36	MP1B	Mx	-.02	5
37	MP1C	X	12.319	0
38	MP1C	Z	21.338	0
39	MP1C	Mx	.009	0
40	MP1C	X	12.319	5
41	MP1C	Z	21.338	5
42	MP1C	Mx	.009	5
43	MP1A	X	15.145	0
44	MP1A	Z	26.232	0
45	MP1A	Mx	-.025	0
46	MP1A	X	15.145	5
47	MP1A	Z	26.232	5
48	MP1A	Mx	-.025	5
49	MP1B	X	13.182	0
50	MP1B	Z	22.832	0
51	MP1B	Mx	-.003	0
52	MP1B	X	13.182	5
53	MP1B	Z	22.832	5
54	MP1B	Mx	-.003	5
55	MP1C	X	12.319	0
56	MP1C	Z	21.338	0
57	MP1C	Mx	.015	0
58	MP1C	X	12.319	5
59	MP1C	Z	21.338	5
60	MP1C	Mx	.015	5
61	MP3A	X	6.816	1.5
62	MP3A	Z	11.805	1.5
63	MP3A	Mx	-.003	1.5
64	MP3A	X	6.816	3.5
65	MP3A	Z	11.805	3.5
66	MP3A	Mx	-.003	3.5
67	MP3B	X	4.533	1.5
68	MP3B	Z	7.851	1.5
69	MP3B	Mx	-.004	1.5
70	MP3B	X	4.533	3.5
71	MP3B	Z	7.851	3.5
72	MP3B	Mx	-.004	3.5
73	MP3C	X	3.529	1.5
74	MP3C	Z	6.112	1.5
75	MP3C	Mx	.003	1.5
76	MP3C	X	3.529	3.5
77	MP3C	Z	6.112	3.5
78	MP3C	Mx	.003	3.5
79	OVP	X	13.783	1
80	OVP	Z	23.872	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	OVP	Mx	0	1
82	MP2A	X	6.199	2
83	MP2A	Z	10.736	2
84	MP2A	Mx	.003	2
85	MP2B	X	5.178	2
86	MP2B	Z	8.969	2
87	MP2B	Mx	.004	2
88	MP2C	X	4.729	2
89	MP2C	Z	8.191	2
90	MP2C	Mx	-.005	2
91	MP1A	X	6.107	2
92	MP1A	Z	10.577	2
93	MP1A	Mx	.003	2
94	MP1B	X	4.903	2
95	MP1B	Z	8.491	2
96	MP1B	Mx	.004	2
97	MP1C	X	4.373	2
98	MP1C	Z	7.574	2
99	MP1C	Mx	-.004	2
100	MP5A	X	7.896	1.5
101	MP5A	Z	13.676	1.5
102	MP5A	Mx	-.004	1.5
103	MP5A	X	7.896	3.5
104	MP5A	Z	13.676	3.5
105	MP5A	Mx	-.004	3.5
106	MP5B	X	6.517	1.5
107	MP5B	Z	11.287	1.5
108	MP5B	Mx	-.006	1.5
109	MP5B	X	6.517	3.5
110	MP5B	Z	11.287	3.5
111	MP5B	Mx	-.006	3.5
112	MP5C	X	5.91	1.5
113	MP5C	Z	10.237	1.5
114	MP5C	Mx	.006	1.5
115	MP5C	X	5.91	3.5
116	MP5C	Z	10.237	3.5
117	MP5C	Mx	.006	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	0	4
2	MP1B	Z	3.689	4
3	MP1B	Mx	.004	4
4	MP1B	X	0	5
5	MP1B	Z	3.689	5
6	MP1B	Mx	.004	5
7	MP1C	X	0	4
8	MP1C	Z	2.74	4
9	MP1C	Mx	-.002	4
10	MP1C	X	0	5
11	MP1C	Z	2.74	5
12	MP1C	Mx	-.002	5
13	MP1B	X	0	4
14	MP1B	Z	3.689	4
15	MP1B	Mx	.004	4
16	MP1B	X	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP1B	Z	3.689	5
18	MP1B	Mx	.004	5
19	MP1C	X	0	4
20	MP1C	Z	2.74	4
21	MP1C	Mx	-.003	4
22	MP1C	X	0	5
23	MP1C	Z	2.74	5
24	MP1C	Mx	-.003	5
25	MP1A	X	0	0
26	MP1A	Z	32.252	0
27	MP1A	Mx	.022	0
28	MP1A	X	0	5
29	MP1A	Z	32.252	5
30	MP1A	Mx	.022	5
31	MP1B	X	0	0
32	MP1B	Z	24.402	0
33	MP1B	Mx	-.012	0
34	MP1B	X	0	5
35	MP1B	Z	24.402	5
36	MP1B	Mx	-.012	5
37	MP1C	X	0	0
38	MP1C	Z	27.645	0
39	MP1C	Mx	-.001	0
40	MP1C	X	0	5
41	MP1C	Z	27.645	5
42	MP1C	Mx	-.001	5
43	MP1A	X	0	0
44	MP1A	Z	32.252	0
45	MP1A	Mx	-.022	0
46	MP1A	X	0	5
47	MP1A	Z	32.252	5
48	MP1A	Mx	-.022	5
49	MP1B	X	0	0
50	MP1B	Z	24.402	0
51	MP1B	Mx	-.012	0
52	MP1B	X	0	5
53	MP1B	Z	24.402	5
54	MP1B	Mx	-.012	5
55	MP1C	X	0	0
56	MP1C	Z	27.645	0
57	MP1C	Mx	.022	0
58	MP1C	X	0	5
59	MP1C	Z	27.645	5
60	MP1C	Mx	.022	5
61	MP3A	X	0	1.5
62	MP3A	Z	15.914	1.5
63	MP3A	Mx	0	1.5
64	MP3A	X	0	3.5
65	MP3A	Z	15.914	3.5
66	MP3A	Mx	0	3.5
67	MP3B	X	0	1.5
68	MP3B	Z	6.783	1.5
69	MP3B	Mx	-.003	1.5
70	MP3B	X	0	3.5
71	MP3B	Z	6.783	3.5
72	MP3B	Mx	-.003	3.5
73	MP3C	X	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3C	Z	10.556	1.5
75	MP3C	Mx	.004	1.5
76	MP3C	X	0	3.5
77	MP3C	Z	10.556	3.5
78	MP3C	Mx	.004	3.5
79	OVP	X	0	1
80	OVP	Z	26.064	1
81	OVP	Mx	0	1
82	MP2A	X	0	2
83	MP2A	Z	13.417	2
84	MP2A	Mx	0	2
85	MP2B	X	0	2
86	MP2B	Z	9.336	2
87	MP2B	Mx	.005	2
88	MP2C	X	0	2
89	MP2C	Z	11.022	2
90	MP2C	Mx	-.004	2
91	MP1A	X	0	2
92	MP1A	Z	13.417	2
93	MP1A	Mx	0	2
94	MP1B	X	0	2
95	MP1B	Z	8.601	2
96	MP1B	Mx	.004	2
97	MP1C	X	0	2
98	MP1C	Z	10.591	2
99	MP1C	Mx	-.004	2
100	MP5A	X	0	1.5
101	MP5A	Z	17.171	1.5
102	MP5A	Mx	0	1.5
103	MP5A	X	0	3.5
104	MP5A	Z	17.171	3.5
105	MP5A	Mx	0	3.5
106	MP5B	X	0	1.5
107	MP5B	Z	11.654	1.5
108	MP5B	Mx	-.006	1.5
109	MP5B	X	0	3.5
110	MP5B	Z	11.654	3.5
111	MP5B	Mx	-.006	3.5
112	MP5C	X	0	1.5
113	MP5C	Z	13.934	1.5
114	MP5C	Mx	.005	1.5
115	MP5C	X	0	3.5
116	MP5C	Z	13.934	3.5
117	MP5C	Mx	.005	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-1.557	4
2	MP1B	Z	2.698	4
3	MP1B	Mx	.002	4
4	MP1B	X	-1.557	5
5	MP1B	Z	2.698	5
6	MP1B	Mx	.002	5
7	MP1C	X	-.83	4
8	MP1C	Z	1.438	4
9	MP1C	Mx	-4.8e-5	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP1C	X	-.83	5
11	MP1C	Z	1.438	5
12	MP1C	Mx	-4.8e-5	5
13	MP1B	X	-1.557	4
14	MP1B	Z	2.698	4
15	MP1B	Mx	.003	4
16	MP1B	X	-1.557	5
17	MP1B	Z	2.698	5
18	MP1B	Mx	.003	5
19	MP1C	X	-.83	4
20	MP1C	Z	1.438	4
21	MP1C	Mx	-.001	4
22	MP1C	X	-.83	5
23	MP1C	Z	1.438	5
24	MP1C	Mx	-.001	5
25	MP1A	X	-15.145	0
26	MP1A	Z	26.232	0
27	MP1A	Mx	.025	0
28	MP1A	X	-15.145	5
29	MP1A	Z	26.232	5
30	MP1A	Mx	.025	5
31	MP1B	X	-13.182	0
32	MP1B	Z	22.832	0
33	MP1B	Mx	-.003	0
34	MP1B	X	-13.182	5
35	MP1B	Z	22.832	5
36	MP1B	Mx	-.003	5
37	MP1C	X	-15.667	0
38	MP1C	Z	27.136	0
39	MP1C	Mx	-.014	0
40	MP1C	X	-15.667	5
41	MP1C	Z	27.136	5
42	MP1C	Mx	-.014	5
43	MP1A	X	-15.145	0
44	MP1A	Z	26.232	0
45	MP1A	Mx	-.01	0
46	MP1A	X	-15.145	5
47	MP1A	Z	26.232	5
48	MP1A	Mx	-.01	5
49	MP1B	X	-13.182	0
50	MP1B	Z	22.832	0
51	MP1B	Mx	-.02	0
52	MP1B	X	-13.182	5
53	MP1B	Z	22.832	5
54	MP1B	Mx	-.02	5
55	MP1C	X	-15.667	0
56	MP1C	Z	27.136	0
57	MP1C	Mx	.025	0
58	MP1C	X	-15.667	5
59	MP1C	Z	27.136	5
60	MP1C	Mx	.025	5
61	MP3A	X	-6.816	1.5
62	MP3A	Z	11.805	1.5
63	MP3A	Mx	.003	1.5
64	MP3A	X	-6.816	3.5
65	MP3A	Z	11.805	3.5
66	MP3A	Mx	.003	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP3B	X	-4.533	1.5
68	MP3B	Z	7.851	1.5
69	MP3B	Mx	-.004	1.5
70	MP3B	X	-4.533	3.5
71	MP3B	Z	7.851	3.5
72	MP3B	Mx	-.004	3.5
73	MP3C	X	-7.423	1.5
74	MP3C	Z	12.857	1.5
75	MP3C	Mx	.003	1.5
76	MP3C	X	-7.423	3.5
77	MP3C	Z	12.857	3.5
78	MP3C	Mx	.003	3.5
79	OVP	X	-11.53	1
80	OVP	Z	19.971	1
81	OVP	Mx	0	1
82	MP2A	X	-6.199	2
83	MP2A	Z	10.736	2
84	MP2A	Mx	-.003	2
85	MP2B	X	-5.178	2
86	MP2B	Z	8.969	2
87	MP2B	Mx	.004	2
88	MP2C	X	-6.47	2
89	MP2C	Z	11.206	2
90	MP2C	Mx	-.002	2
91	MP1A	X	-6.107	2
92	MP1A	Z	10.577	2
93	MP1A	Mx	-.003	2
94	MP1B	X	-4.903	2
95	MP1B	Z	8.491	2
96	MP1B	Mx	.004	2
97	MP1C	X	-6.427	2
98	MP1C	Z	11.132	2
99	MP1C	Mx	-.002	2
100	MP5A	X	-7.896	1.5
101	MP5A	Z	13.676	1.5
102	MP5A	Mx	.004	1.5
103	MP5A	X	-7.896	3.5
104	MP5A	Z	13.676	3.5
105	MP5A	Mx	.004	3.5
106	MP5B	X	-6.517	1.5
107	MP5B	Z	11.287	1.5
108	MP5B	Mx	-.006	1.5
109	MP5B	X	-6.517	3.5
110	MP5B	Z	11.287	3.5
111	MP5B	Mx	-.006	3.5
112	MP5C	X	-8.263	1.5
113	MP5C	Z	14.311	1.5
114	MP5C	Mx	.003	1.5
115	MP5C	X	-8.263	3.5
116	MP5C	Z	14.311	3.5
117	MP5C	Mx	.003	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-1.703	4
2	MP1B	Z	.983	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP1B	Mx	.000415	4
4	MP1B	X	-1.703	5
5	MP1B	Z	.983	5
6	MP1B	Mx	.000415	5
7	MP1C	X	-1.265	4
8	MP1C	Z	.731	4
9	MP1C	Mx	.000733	4
10	MP1C	X	-1.265	5
11	MP1C	Z	.731	5
12	MP1C	Mx	.000733	5
13	MP1B	X	-1.703	4
14	MP1B	Z	.983	4
15	MP1B	Mx	.002	4
16	MP1B	X	-1.703	5
17	MP1B	Z	.983	5
18	MP1B	Mx	.002	5
19	MP1C	X	-1.265	4
20	MP1C	Z	.731	4
21	MP1C	Mx	-.000226	4
22	MP1C	X	-1.265	5
23	MP1C	Z	.731	5
24	MP1C	Mx	-.000226	5
25	MP1A	X	-22.832	0
26	MP1A	Z	13.182	0
27	MP1A	Mx	.02	0
28	MP1A	X	-22.832	5
29	MP1A	Z	13.182	5
30	MP1A	Mx	.02	5
31	MP1B	X	-26.232	0
32	MP1B	Z	15.145	0
33	MP1B	Mx	.01	0
34	MP1B	X	-26.232	5
35	MP1B	Z	15.145	5
36	MP1B	Mx	.01	5
37	MP1C	X	-27.726	0
38	MP1C	Z	16.008	0
39	MP1C	Mx	-.024	0
40	MP1C	X	-27.726	5
41	MP1C	Z	16.008	5
42	MP1C	Mx	-.024	5
43	MP1A	X	-22.832	0
44	MP1A	Z	13.182	0
45	MP1A	Mx	.003	0
46	MP1A	X	-22.832	5
47	MP1A	Z	13.182	5
48	MP1A	Mx	.003	5
49	MP1B	X	-26.232	0
50	MP1B	Z	15.145	0
51	MP1B	Mx	-.025	0
52	MP1B	X	-26.232	5
53	MP1B	Z	15.145	5
54	MP1B	Mx	-.025	5
55	MP1C	X	-27.726	0
56	MP1C	Z	16.008	0
57	MP1C	Mx	.018	0
58	MP1C	X	-27.726	5
59	MP1C	Z	16.008	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1C	Mx	.018	5
61	MP3A	X	-7.851	1.5
62	MP3A	Z	4.533	1.5
63	MP3A	Mx	.004	1.5
64	MP3A	X	-7.851	3.5
65	MP3A	Z	4.533	3.5
66	MP3A	Mx	.004	3.5
67	MP3B	X	-11.805	1.5
68	MP3B	Z	6.816	1.5
69	MP3B	Mx	-.003	1.5
70	MP3B	X	-11.805	3.5
71	MP3B	Z	6.816	3.5
72	MP3B	Mx	-.003	3.5
73	MP3C	X	-13.544	1.5
74	MP3C	Z	7.819	1.5
75	MP3C	Mx	-.001	1.5
76	MP3C	X	-13.544	3.5
77	MP3C	Z	7.819	3.5
78	MP3C	Mx	-.001	3.5
79	OVP	X	-18.67	1
80	OVP	Z	10.779	1
81	OVP	Mx	0	1
82	MP2A	X	-8.969	2
83	MP2A	Z	5.178	2
84	MP2A	Mx	-.004	2
85	MP2B	X	-10.736	2
86	MP2B	Z	6.199	2
87	MP2B	Mx	.003	2
88	MP2C	X	-11.513	2
89	MP2C	Z	6.647	2
90	MP2C	Mx	.001	2
91	MP1A	X	-8.491	2
92	MP1A	Z	4.903	2
93	MP1A	Mx	-.004	2
94	MP1B	X	-10.577	2
95	MP1B	Z	6.107	2
96	MP1B	Mx	.003	2
97	MP1C	X	-11.494	2
98	MP1C	Z	6.636	2
99	MP1C	Mx	.001	2
100	MP5A	X	-11.287	1.5
101	MP5A	Z	6.517	1.5
102	MP5A	Mx	.006	1.5
103	MP5A	X	-11.287	3.5
104	MP5A	Z	6.517	3.5
105	MP5A	Mx	.006	3.5
106	MP5B	X	-13.676	1.5
107	MP5B	Z	7.896	1.5
108	MP5B	Mx	-.004	1.5
109	MP5B	X	-13.676	3.5
110	MP5B	Z	7.896	3.5
111	MP5B	Mx	-.004	3.5
112	MP5C	X	-14.726	1.5
113	MP5C	Z	8.502	1.5
114	MP5C	Mx	-.001	1.5
115	MP5C	X	-14.726	3.5
116	MP5C	Z	8.502	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
117	MP5C	Mx	-.001	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-1.392	4
2	MP1B	Z	0	4
3	MP1B	Mx	-.000464	4
4	MP1B	X	-1.392	5
5	MP1B	Z	0	5
6	MP1B	Mx	-.000464	5
7	MP1C	X	-2.341	4
8	MP1C	Z	0	4
9	MP1C	Mx	.002	4
10	MP1C	X	-2.341	5
11	MP1C	Z	0	5
12	MP1C	Mx	.002	5
13	MP1B	X	-1.392	4
14	MP1B	Z	0	4
15	MP1B	Mx	.000464	4
16	MP1B	X	-1.392	5
17	MP1B	Z	0	5
18	MP1B	Mx	.000464	5
19	MP1C	X	-2.341	4
20	MP1C	Z	0	4
21	MP1C	Mx	.000907	4
22	MP1C	X	-2.341	5
23	MP1C	Z	0	5
24	MP1C	Mx	.000907	5
25	MP1A	X	-24.402	0
26	MP1A	Z	0	0
27	MP1A	Mx	.012	0
28	MP1A	X	-24.402	5
29	MP1A	Z	0	5
30	MP1A	Mx	.012	5
31	MP1B	X	-32.252	0
32	MP1B	Z	0	0
33	MP1B	Mx	.022	0
34	MP1B	X	-32.252	5
35	MP1B	Z	0	5
36	MP1B	Mx	.022	5
37	MP1C	X	-29.009	0
38	MP1C	Z	0	0
39	MP1C	Mx	-.024	0
40	MP1C	X	-29.009	5
41	MP1C	Z	0	5
42	MP1C	Mx	-.024	5
43	MP1A	X	-24.402	0
44	MP1A	Z	0	0
45	MP1A	Mx	.012	0
46	MP1A	X	-24.402	5
47	MP1A	Z	0	5
48	MP1A	Mx	.012	5
49	MP1B	X	-32.252	0
50	MP1B	Z	0	0
51	MP1B	Mx	-.022	0
52	MP1B	X	-32.252	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP1B	Z	0	5
54	MP1B	Mx	-.022	5
55	MP1C	X	-29.009	0
56	MP1C	Z	0	0
57	MP1C	Mx	.005	0
58	MP1C	X	-29.009	5
59	MP1C	Z	0	5
60	MP1C	Mx	.005	5
61	MP3A	X	-6.783	1.5
62	MP3A	Z	0	1.5
63	MP3A	Mx	.003	1.5
64	MP3A	X	-6.783	3.5
65	MP3A	Z	0	3.5
66	MP3A	Mx	.003	3.5
67	MP3B	X	-15.914	1.5
68	MP3B	Z	0	1.5
69	MP3B	Mx	0	1.5
70	MP3B	X	-15.914	3.5
71	MP3B	Z	0	3.5
72	MP3B	Mx	0	3.5
73	MP3C	X	-12.141	1.5
74	MP3C	Z	0	1.5
75	MP3C	Mx	-.004	1.5
76	MP3C	X	-12.141	3.5
77	MP3C	Z	0	3.5
78	MP3C	Mx	-.004	3.5
79	OVP	X	-23.06	1
80	OVP	Z	0	1
81	OVP	Mx	0	1
82	MP2A	X	-9.336	2
83	MP2A	Z	0	2
84	MP2A	Mx	-.005	2
85	MP2B	X	-13.417	2
86	MP2B	Z	0	2
87	MP2B	Mx	0	2
88	MP2C	X	-11.731	2
89	MP2C	Z	0	2
90	MP2C	Mx	.004	2
91	MP1A	X	-8.601	2
92	MP1A	Z	0	2
93	MP1A	Mx	-.004	2
94	MP1B	X	-13.417	2
95	MP1B	Z	0	2
96	MP1B	Mx	0	2
97	MP1C	X	-11.427	2
98	MP1C	Z	0	2
99	MP1C	Mx	.004	2
100	MP5A	X	-11.654	1.5
101	MP5A	Z	0	1.5
102	MP5A	Mx	.006	1.5
103	MP5A	X	-11.654	3.5
104	MP5A	Z	0	3.5
105	MP5A	Mx	.006	3.5
106	MP5B	X	-17.171	1.5
107	MP5B	Z	0	1.5
108	MP5B	Mx	0	1.5
109	MP5B	X	-17.171	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP5B	Z	0	3.5
111	MP5B	Mx	0	3.5
112	MP5C	X	-14.891	1.5
113	MP5C	Z	0	1.5
114	MP5C	Mx	-.005	1.5
115	MP5C	X	-14.891	3.5
116	MP5C	Z	0	3.5
117	MP5C	Mx	-.005	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-1.703	4
2	MP1B	Z	-.983	4
3	MP1B	Mx	-.002	4
4	MP1B	X	-1.703	5
5	MP1B	Z	-.983	5
6	MP1B	Mx	-.002	5
7	MP1C	X	-2.962	4
8	MP1C	Z	-1.71	4
9	MP1C	Mx	.004	4
10	MP1C	X	-2.962	5
11	MP1C	Z	-1.71	5
12	MP1C	Mx	.004	5
13	MP1B	X	-1.703	4
14	MP1B	Z	-.983	4
15	MP1B	Mx	-.000415	4
16	MP1B	X	-1.703	5
17	MP1B	Z	-.983	5
18	MP1B	Mx	-.000415	5
19	MP1C	X	-2.962	4
20	MP1C	Z	-1.71	4
21	MP1C	Mx	.003	4
22	MP1C	X	-2.962	5
23	MP1C	Z	-1.71	5
24	MP1C	Mx	.003	5
25	MP1A	X	-22.832	0
26	MP1A	Z	-13.182	0
27	MP1A	Mx	.003	0
28	MP1A	X	-22.832	5
29	MP1A	Z	-13.182	5
30	MP1A	Mx	.003	5
31	MP1B	X	-26.232	0
32	MP1B	Z	-15.145	0
33	MP1B	Mx	.025	0
34	MP1B	X	-26.232	5
35	MP1B	Z	-15.145	5
36	MP1B	Mx	.025	5
37	MP1C	X	-21.928	0
38	MP1C	Z	-12.66	0
39	MP1C	Mx	-.018	0
40	MP1C	X	-21.928	5
41	MP1C	Z	-12.66	5
42	MP1C	Mx	-.018	5
43	MP1A	X	-22.832	0
44	MP1A	Z	-13.182	0
45	MP1A	Mx	.02	0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP1A	X	-22.832	5
47	MP1A	Z	-13.182	5
48	MP1A	Mx	.02	5
49	MP1B	X	-26.232	0
50	MP1B	Z	-15.145	0
51	MP1B	Mx	-.01	0
52	MP1B	X	-26.232	5
53	MP1B	Z	-15.145	5
54	MP1B	Mx	-.01	5
55	MP1C	X	-21.928	0
56	MP1C	Z	-12.66	0
57	MP1C	Mx	-.006	0
58	MP1C	X	-21.928	5
59	MP1C	Z	-12.66	5
60	MP1C	Mx	-.006	5
61	MP3A	X	-7.851	1.5
62	MP3A	Z	-4.533	1.5
63	MP3A	Mx	.004	1.5
64	MP3A	X	-7.851	3.5
65	MP3A	Z	-4.533	3.5
66	MP3A	Mx	.004	3.5
67	MP3B	X	-11.805	1.5
68	MP3B	Z	-6.816	1.5
69	MP3B	Mx	.003	1.5
70	MP3B	X	-11.805	3.5
71	MP3B	Z	-6.816	3.5
72	MP3B	Mx	.003	3.5
73	MP3C	X	-6.799	1.5
74	MP3C	Z	-3.925	1.5
75	MP3C	Mx	-.004	1.5
76	MP3C	X	-6.799	3.5
77	MP3C	Z	-3.925	3.5
78	MP3C	Mx	-.004	3.5
79	OVP	X	-22.572	1
80	OVP	Z	-13.032	1
81	OVP	Mx	0	1
82	MP2A	X	-8.969	2
83	MP2A	Z	-5.178	2
84	MP2A	Mx	-.004	2
85	MP2B	X	-10.736	2
86	MP2B	Z	-6.199	2
87	MP2B	Mx	-.003	2
88	MP2C	X	-8.498	2
89	MP2C	Z	-4.907	2
90	MP2C	Mx	.005	2
91	MP1A	X	-8.491	2
92	MP1A	Z	-4.903	2
93	MP1A	Mx	-.004	2
94	MP1B	X	-10.577	2
95	MP1B	Z	-6.107	2
96	MP1B	Mx	-.003	2
97	MP1C	X	-7.937	2
98	MP1C	Z	-4.582	2
99	MP1C	Mx	.004	2
100	MP5A	X	-11.287	1.5
101	MP5A	Z	-6.517	1.5
102	MP5A	Mx	.006	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	MP5A	X	-11.287	3.5
104	MP5A	Z	-6.517	3.5
105	MP5A	Mx	.006	3.5
106	MP5B	X	-13.676	1.5
107	MP5B	Z	-7.896	1.5
108	MP5B	Mx	.004	1.5
109	MP5B	X	-13.676	3.5
110	MP5B	Z	-7.896	3.5
111	MP5B	Mx	.004	3.5
112	MP5C	X	-10.652	1.5
113	MP5C	Z	-6.15	1.5
114	MP5C	Mx	-.006	1.5
115	MP5C	X	-10.652	3.5
116	MP5C	Z	-6.15	3.5
117	MP5C	Mx	-.006	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-1.557	4
2	MP1B	Z	-2.698	4
3	MP1B	Mx	-.003	4
4	MP1B	X	-1.557	5
5	MP1B	Z	-2.698	5
6	MP1B	Mx	-.003	5
7	MP1C	X	-1.81	4
8	MP1C	Z	-3.135	4
9	MP1C	Mx	.003	4
10	MP1C	X	-1.81	5
11	MP1C	Z	-3.135	5
12	MP1C	Mx	.003	5
13	MP1B	X	-1.557	4
14	MP1B	Z	-2.698	4
15	MP1B	Mx	-.002	4
16	MP1B	X	-1.557	5
17	MP1B	Z	-2.698	5
18	MP1B	Mx	-.002	5
19	MP1C	X	-1.81	4
20	MP1C	Z	-3.135	4
21	MP1C	Mx	.004	4
22	MP1C	X	-1.81	5
23	MP1C	Z	-3.135	5
24	MP1C	Mx	.004	5
25	MP1A	X	-15.145	0
26	MP1A	Z	-26.232	0
27	MP1A	Mx	-.01	0
28	MP1A	X	-15.145	5
29	MP1A	Z	-26.232	5
30	MP1A	Mx	-.01	5
31	MP1B	X	-13.182	0
32	MP1B	Z	-22.832	0
33	MP1B	Mx	.02	0
34	MP1B	X	-13.182	5
35	MP1B	Z	-22.832	5
36	MP1B	Mx	.02	5
37	MP1C	X	-12.319	0
38	MP1C	Z	-21.338	0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP1C	Mx	-.009	0
40	MP1C	X	-12.319	5
41	MP1C	Z	-21.338	5
42	MP1C	Mx	-.009	5
43	MP1A	X	-15.145	0
44	MP1A	Z	-26.232	0
45	MP1A	Mx	.025	0
46	MP1A	X	-15.145	5
47	MP1A	Z	-26.232	5
48	MP1A	Mx	.025	5
49	MP1B	X	-13.182	0
50	MP1B	Z	-22.832	0
51	MP1B	Mx	.003	0
52	MP1B	X	-13.182	5
53	MP1B	Z	-22.832	5
54	MP1B	Mx	.003	5
55	MP1C	X	-12.319	0
56	MP1C	Z	-21.338	0
57	MP1C	Mx	-.015	0
58	MP1C	X	-12.319	5
59	MP1C	Z	-21.338	5
60	MP1C	Mx	-.015	5
61	MP3A	X	-6.816	1.5
62	MP3A	Z	-11.805	1.5
63	MP3A	Mx	.003	1.5
64	MP3A	X	-6.816	3.5
65	MP3A	Z	-11.805	3.5
66	MP3A	Mx	.003	3.5
67	MP3B	X	-4.533	1.5
68	MP3B	Z	-7.851	1.5
69	MP3B	Mx	.004	1.5
70	MP3B	X	-4.533	3.5
71	MP3B	Z	-7.851	3.5
72	MP3B	Mx	.004	3.5
73	MP3C	X	-3.529	1.5
74	MP3C	Z	-6.112	1.5
75	MP3C	Mx	-.003	1.5
76	MP3C	X	-3.529	3.5
77	MP3C	Z	-6.112	3.5
78	MP3C	Mx	-.003	3.5
79	OVP	X	-13.783	1
80	OVP	Z	-23.872	1
81	OVP	Mx	0	1
82	MP2A	X	-6.199	2
83	MP2A	Z	-10.736	2
84	MP2A	Mx	-.003	2
85	MP2B	X	-5.178	2
86	MP2B	Z	-8.969	2
87	MP2B	Mx	-.004	2
88	MP2C	X	-4.729	2
89	MP2C	Z	-8.191	2
90	MP2C	Mx	.005	2
91	MP1A	X	-6.107	2
92	MP1A	Z	-10.577	2
93	MP1A	Mx	-.003	2
94	MP1B	X	-4.903	2
95	MP1B	Z	-8.491	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	MP1B	Mx	-.004	2
97	MP1C	X	-4.373	2
98	MP1C	Z	-7.574	2
99	MP1C	Mx	.004	2
100	MP5A	X	-7.896	1.5
101	MP5A	Z	-13.676	1.5
102	MP5A	Mx	.004	1.5
103	MP5A	X	-7.896	3.5
104	MP5A	Z	-13.676	3.5
105	MP5A	Mx	.004	3.5
106	MP5B	X	-6.517	1.5
107	MP5B	Z	-11.287	1.5
108	MP5B	Mx	.006	1.5
109	MP5B	X	-6.517	3.5
110	MP5B	Z	-11.287	3.5
111	MP5B	Mx	.006	3.5
112	MP5C	X	-5.91	1.5
113	MP5C	Z	-10.237	1.5
114	MP5C	Mx	-.006	1.5
115	MP5C	X	-5.91	3.5
116	MP5C	Z	-10.237	3.5
117	MP5C	Mx	-.006	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	0	4
2	MP1B	Z	-1.038	4
3	MP1B	Mx	-.001	4
4	MP1B	X	0	5
5	MP1B	Z	-1.038	5
6	MP1B	Mx	-.001	5
7	MP1C	X	0	4
8	MP1C	Z	-1.037	4
9	MP1C	Mx	.000572	4
10	MP1C	X	0	5
11	MP1C	Z	-1.037	5
12	MP1C	Mx	.000572	5
13	MP1B	X	0	4
14	MP1B	Z	-1.038	4
15	MP1B	Mx	-.001	4
16	MP1B	X	0	5
17	MP1B	Z	-1.038	5
18	MP1B	Mx	-.001	5
19	MP1C	X	0	4
20	MP1C	Z	-1.037	4
21	MP1C	Mx	.001	4
22	MP1C	X	0	5
23	MP1C	Z	-1.037	5
24	MP1C	Mx	.001	5
25	MP1A	X	0	0
26	MP1A	Z	-5.1	0
27	MP1A	Mx	-.003	0
28	MP1A	X	0	5
29	MP1A	Z	-5.1	5
30	MP1A	Mx	-.003	5
31	MP1B	X	0	0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP1B	Z	-3.817	0
33	MP1B	Mx	.002	0
34	MP1B	X	0	5
35	MP1B	Z	-3.817	5
36	MP1B	Mx	.002	5
37	MP1C	X	0	0
38	MP1C	Z	-4.347	0
39	MP1C	Mx	.000198	0
40	MP1C	X	0	5
41	MP1C	Z	-4.347	5
42	MP1C	Mx	.000198	5
43	MP1A	X	0	0
44	MP1A	Z	-5.1	0
45	MP1A	Mx	.003	0
46	MP1A	X	0	5
47	MP1A	Z	-5.1	5
48	MP1A	Mx	.003	5
49	MP1B	X	0	0
50	MP1B	Z	-3.817	0
51	MP1B	Mx	.002	0
52	MP1B	X	0	5
53	MP1B	Z	-3.817	5
54	MP1B	Mx	.002	5
55	MP1C	X	0	0
56	MP1C	Z	-4.347	0
57	MP1C	Mx	-.004	0
58	MP1C	X	0	5
59	MP1C	Z	-4.347	5
60	MP1C	Mx	-.004	5
61	MP3A	X	0	1.5
62	MP3A	Z	-4.226	1.5
63	MP3A	Mx	0	1.5
64	MP3A	X	0	3.5
65	MP3A	Z	-4.226	3.5
66	MP3A	Mx	0	3.5
67	MP3B	X	0	1.5
68	MP3B	Z	-1.456	1.5
69	MP3B	Mx	.000728	1.5
70	MP3B	X	0	3.5
71	MP3B	Z	-1.456	3.5
72	MP3B	Mx	.000728	3.5
73	MP3C	X	0	1.5
74	MP3C	Z	-2.6	1.5
75	MP3C	Mx	-.000996	1.5
76	MP3C	X	0	3.5
77	MP3C	Z	-2.6	3.5
78	MP3C	Mx	-.000996	3.5
79	OVP	X	0	1
80	OVP	Z	-6.426	1
81	OVP	Mx	0	1
82	MP2A	X	0	2
83	MP2A	Z	-3.342	2
84	MP2A	Mx	0	2
85	MP2B	X	0	2
86	MP2B	Z	-2.243	2
87	MP2B	Mx	-.001	2
88	MP2C	X	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP2C	Z	-2.697	2
90	MP2C	Mx	.001	2
91	MP1A	X	0	2
92	MP1A	Z	-3.342	2
93	MP1A	Mx	0	2
94	MP1B	X	0	2
95	MP1B	Z	-2.027	2
96	MP1B	Mx	-.001	2
97	MP1C	X	0	2
98	MP1C	Z	-2.57	2
99	MP1C	Mx	.000984	2
100	MP5A	X	0	1.5
101	MP5A	Z	-5.488	1.5
102	MP5A	Mx	0	1.5
103	MP5A	X	0	3.5
104	MP5A	Z	-5.488	3.5
105	MP5A	Mx	0	3.5
106	MP5B	X	0	1.5
107	MP5B	Z	-3.59	1.5
108	MP5B	Mx	.002	1.5
109	MP5B	X	0	3.5
110	MP5B	Z	-3.59	3.5
111	MP5B	Mx	.002	3.5
112	MP5C	X	0	1.5
113	MP5C	Z	-4.374	1.5
114	MP5C	Mx	-.002	1.5
115	MP5C	X	0	3.5
116	MP5C	Z	-4.374	3.5
117	MP5C	Mx	-.002	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	.519	4
2	MP1B	Z	-.898	4
3	MP1B	Mx	-.000725	4
4	MP1B	X	.519	5
5	MP1B	Z	-.898	5
6	MP1B	Mx	-.000725	5
7	MP1C	X	.518	4
8	MP1C	Z	-.897	4
9	MP1C	Mx	3e-5	4
10	MP1C	X	.518	5
11	MP1C	Z	-.897	5
12	MP1C	Mx	3e-5	5
13	MP1B	X	.519	4
14	MP1B	Z	-.898	4
15	MP1B	Mx	-.001	4
16	MP1B	X	.519	5
17	MP1B	Z	-.898	5
18	MP1B	Mx	-.001	5
19	MP1C	X	.518	4
20	MP1C	Z	-.897	4
21	MP1C	Mx	.000679	4
22	MP1C	X	.518	5
23	MP1C	Z	-.897	5
24	MP1C	Mx	.000679	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP1A	X	2.39	0
26	MP1A	Z	-4.139	0
27	MP1A	Mx	-.004	0
28	MP1A	X	2.39	5
29	MP1A	Z	-4.139	5
30	MP1A	Mx	-.004	5
31	MP1B	X	2.069	0
32	MP1B	Z	-3.583	0
33	MP1B	Mx	.000412	0
34	MP1B	X	2.069	5
35	MP1B	Z	-3.583	5
36	MP1B	Mx	.000412	5
37	MP1C	X	2.475	0
38	MP1C	Z	-4.287	0
39	MP1C	Mx	.002	0
40	MP1C	X	2.475	5
41	MP1C	Z	-4.287	5
42	MP1C	Mx	.002	5
43	MP1A	X	2.39	0
44	MP1A	Z	-4.139	0
45	MP1A	Mx	.002	0
46	MP1A	X	2.39	5
47	MP1A	Z	-4.139	5
48	MP1A	Mx	.002	5
49	MP1B	X	2.069	0
50	MP1B	Z	-3.583	0
51	MP1B	Mx	.003	0
52	MP1B	X	2.069	5
53	MP1B	Z	-3.583	5
54	MP1B	Mx	.003	5
55	MP1C	X	2.475	0
56	MP1C	Z	-4.287	0
57	MP1C	Mx	-.004	0
58	MP1C	X	2.475	5
59	MP1C	Z	-4.287	5
60	MP1C	Mx	-.004	5
61	MP3A	X	1.767	1.5
62	MP3A	Z	-3.06	1.5
63	MP3A	Mx	-.000884	1.5
64	MP3A	X	1.767	3.5
65	MP3A	Z	-3.06	3.5
66	MP3A	Mx	-.000884	3.5
67	MP3B	X	1.074	1.5
68	MP3B	Z	-1.86	1.5
69	MP3B	Mx	.00093	1.5
70	MP3B	X	1.074	3.5
71	MP3B	Z	-1.86	3.5
72	MP3B	Mx	.00093	3.5
73	MP3C	X	1.951	1.5
74	MP3C	Z	-3.38	1.5
75	MP3C	Mx	-.000668	1.5
76	MP3C	X	1.951	3.5
77	MP3C	Z	-3.38	3.5
78	MP3C	Mx	-.000668	3.5
79	OVP	X	2.803	1
80	OVP	Z	-4.855	1
81	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP2A	X	1.534	2
83	MP2A	Z	-2.656	2
84	MP2A	Mx	.000767	2
85	MP2B	X	1.259	2
86	MP2B	Z	-2.18	2
87	MP2B	Mx	-.001	2
88	MP2C	X	1.607	2
89	MP2C	Z	-2.783	2
90	MP2C	Mx	.000549	2
91	MP1A	X	1.507	2
92	MP1A	Z	-2.61	2
93	MP1A	Mx	.000753	2
94	MP1B	X	1.178	2
95	MP1B	Z	-2.04	2
96	MP1B	Mx	-.001	2
97	MP1C	X	1.594	2
98	MP1C	Z	-2.761	2
99	MP1C	Mx	.000545	2
100	MP5A	X	2.507	1.5
101	MP5A	Z	-4.342	1.5
102	MP5A	Mx	-.001	1.5
103	MP5A	X	2.507	3.5
104	MP5A	Z	-4.342	3.5
105	MP5A	Mx	-.001	3.5
106	MP5B	X	2.032	1.5
107	MP5B	Z	-3.52	1.5
108	MP5B	Mx	.002	1.5
109	MP5B	X	2.032	3.5
110	MP5B	Z	-3.52	3.5
111	MP5B	Mx	.002	3.5
112	MP5C	X	2.633	1.5
113	MP5C	Z	-4.56	1.5
114	MP5C	Mx	-.0009	1.5
115	MP5C	X	2.633	3.5
116	MP5C	Z	-4.56	3.5
117	MP5C	Mx	-.0009	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	.897	4
2	MP1B	Z	-.518	4
3	MP1B	Mx	-.000219	4
4	MP1B	X	.897	5
5	MP1B	Z	-.518	5
6	MP1B	Mx	-.000219	5
7	MP1C	X	.896	4
8	MP1C	Z	-.518	4
9	MP1C	Mx	-.000519	4
10	MP1C	X	.896	5
11	MP1C	Z	-.518	5
12	MP1C	Mx	-.000519	5
13	MP1B	X	.897	4
14	MP1B	Z	-.518	4
15	MP1B	Mx	-.000817	4
16	MP1B	X	.897	5
17	MP1B	Z	-.518	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP1B	Mx	-.000817	5
19	MP1C	X	.896	4
20	MP1C	Z	-.518	4
21	MP1C	Mx	.000161	4
22	MP1C	X	.896	5
23	MP1C	Z	-.518	5
24	MP1C	Mx	.000161	5
25	MP1A	X	3.583	0
26	MP1A	Z	-2.069	0
27	MP1A	Mx	-.003	0
28	MP1A	X	3.583	5
29	MP1A	Z	-2.069	5
30	MP1A	Mx	-.003	5
31	MP1B	X	4.139	0
32	MP1B	Z	-2.39	0
33	MP1B	Mx	-.002	0
34	MP1B	X	4.139	5
35	MP1B	Z	-2.39	5
36	MP1B	Mx	-.002	5
37	MP1C	X	4.383	0
38	MP1C	Z	-2.531	0
39	MP1C	Mx	.004	0
40	MP1C	X	4.383	5
41	MP1C	Z	-2.531	5
42	MP1C	Mx	.004	5
43	MP1A	X	3.583	0
44	MP1A	Z	-2.069	0
45	MP1A	Mx	-.000412	0
46	MP1A	X	3.583	5
47	MP1A	Z	-2.069	5
48	MP1A	Mx	-.000412	5
49	MP1B	X	4.139	0
50	MP1B	Z	-2.39	0
51	MP1B	Mx	.004	0
52	MP1B	X	4.139	5
53	MP1B	Z	-2.39	5
54	MP1B	Mx	.004	5
55	MP1C	X	4.383	0
56	MP1C	Z	-2.531	0
57	MP1C	Mx	-.003	0
58	MP1C	X	4.383	5
59	MP1C	Z	-2.531	5
60	MP1C	Mx	-.003	5
61	MP3A	X	1.86	1.5
62	MP3A	Z	-1.074	1.5
63	MP3A	Mx	-.00093	1.5
64	MP3A	X	1.86	3.5
65	MP3A	Z	-1.074	3.5
66	MP3A	Mx	-.00093	3.5
67	MP3B	X	3.06	1.5
68	MP3B	Z	-1.767	1.5
69	MP3B	Mx	.000884	1.5
70	MP3B	X	3.06	3.5
71	MP3B	Z	-1.767	3.5
72	MP3B	Mx	.000884	3.5
73	MP3C	X	3.588	1.5
74	MP3C	Z	-2.071	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3C	Mx	.00036	1.5
76	MP3C	X	3.588	3.5
77	MP3C	Z	-2.071	3.5
78	MP3C	Mx	.00036	3.5
79	OVP	X	4.501	1
80	OVP	Z	-2.598	1
81	OVP	Mx	0	1
82	MP2A	X	2.18	2
83	MP2A	Z	-1.259	2
84	MP2A	Mx	.001	2
85	MP2B	X	2.656	2
86	MP2B	Z	-1.534	2
87	MP2B	Mx	-.000767	2
88	MP2C	X	2.866	2
89	MP2C	Z	-1.655	2
90	MP2C	Mx	-.000287	2
91	MP1A	X	2.04	2
92	MP1A	Z	-1.178	2
93	MP1A	Mx	.001	2
94	MP1B	X	2.61	2
95	MP1B	Z	-1.507	2
96	MP1B	Mx	-.000753	2
97	MP1C	X	2.86	2
98	MP1C	Z	-1.651	2
99	MP1C	Mx	-.000287	2
100	MP5A	X	3.52	1.5
101	MP5A	Z	-2.032	1.5
102	MP5A	Mx	-.002	1.5
103	MP5A	X	3.52	3.5
104	MP5A	Z	-2.032	3.5
105	MP5A	Mx	-.002	3.5
106	MP5B	X	4.342	1.5
107	MP5B	Z	-2.507	1.5
108	MP5B	Mx	.001	1.5
109	MP5B	X	4.342	3.5
110	MP5B	Z	-2.507	3.5
111	MP5B	Mx	.001	3.5
112	MP5C	X	4.703	1.5
113	MP5C	Z	-2.715	1.5
114	MP5C	Mx	.000472	1.5
115	MP5C	X	4.703	3.5
116	MP5C	Z	-2.715	3.5
117	MP5C	Mx	.000472	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	1.035	4
2	MP1B	Z	0	4
3	MP1B	Mx	.000345	4
4	MP1B	X	1.035	5
5	MP1B	Z	0	5
6	MP1B	Mx	.000345	5
7	MP1C	X	1.036	4
8	MP1C	Z	0	4
9	MP1C	Mx	-.00093	4
10	MP1C	X	1.036	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP1C	Z	0	5
12	MP1C	Mx	-.00093	5
13	MP1B	X	1.035	4
14	MP1B	Z	0	4
15	MP1B	Mx	-.000345	4
16	MP1B	X	1.035	5
17	MP1B	Z	0	5
18	MP1B	Mx	-.000345	5
19	MP1C	X	1.036	4
20	MP1C	Z	0	4
21	MP1C	Mx	-.000401	4
22	MP1C	X	1.036	5
23	MP1C	Z	0	5
24	MP1C	Mx	-.000401	5
25	MP1A	X	3.817	0
26	MP1A	Z	0	0
27	MP1A	Mx	-.002	0
28	MP1A	X	3.817	5
29	MP1A	Z	0	5
30	MP1A	Mx	-.002	5
31	MP1B	X	5.1	0
32	MP1B	Z	0	0
33	MP1B	Mx	-.003	0
34	MP1B	X	5.1	5
35	MP1B	Z	0	5
36	MP1B	Mx	-.003	5
37	MP1C	X	4.57	0
38	MP1C	Z	0	0
39	MP1C	Mx	.004	0
40	MP1C	X	4.57	5
41	MP1C	Z	0	5
42	MP1C	Mx	.004	5
43	MP1A	X	3.817	0
44	MP1A	Z	0	0
45	MP1A	Mx	-.002	0
46	MP1A	X	3.817	5
47	MP1A	Z	0	5
48	MP1A	Mx	-.002	5
49	MP1B	X	5.1	0
50	MP1B	Z	0	0
51	MP1B	Mx	.003	0
52	MP1B	X	5.1	5
53	MP1B	Z	0	5
54	MP1B	Mx	.003	5
55	MP1C	X	4.57	0
56	MP1C	Z	0	0
57	MP1C	Mx	-.000865	0
58	MP1C	X	4.57	5
59	MP1C	Z	0	5
60	MP1C	Mx	-.000865	5
61	MP3A	X	1.456	1.5
62	MP3A	Z	0	1.5
63	MP3A	Mx	-.000728	1.5
64	MP3A	X	1.456	3.5
65	MP3A	Z	0	3.5
66	MP3A	Mx	-.000728	3.5
67	MP3B	X	4.226	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP3B	Z	0	1.5
69	MP3B	Mx	0	1.5
70	MP3B	X	4.226	3.5
71	MP3B	Z	0	3.5
72	MP3B	Mx	0	3.5
73	MP3C	X	3.082	1.5
74	MP3C	Z	0	1.5
75	MP3C	Mx	.000991	1.5
76	MP3C	X	3.082	3.5
77	MP3C	Z	0	3.5
78	MP3C	Mx	.000991	3.5
79	OVP	X	5.607	1
80	OVP	Z	0	1
81	OVP	Mx	0	1
82	MP2A	X	2.243	2
83	MP2A	Z	0	2
84	MP2A	Mx	.001	2
85	MP2B	X	3.342	2
86	MP2B	Z	0	2
87	MP2B	Mx	0	2
88	MP2C	X	2.888	2
89	MP2C	Z	0	2
90	MP2C	Mx	-.000928	2
91	MP1A	X	2.027	2
92	MP1A	Z	0	2
93	MP1A	Mx	.001	2
94	MP1B	X	3.342	2
95	MP1B	Z	0	2
96	MP1B	Mx	0	2
97	MP1C	X	2.799	2
98	MP1C	Z	0	2
99	MP1C	Mx	-.0009	2
100	MP5A	X	3.59	1.5
101	MP5A	Z	0	1.5
102	MP5A	Mx	-.002	1.5
103	MP5A	X	3.59	3.5
104	MP5A	Z	0	3.5
105	MP5A	Mx	-.002	3.5
106	MP5B	X	5.488	1.5
107	MP5B	Z	0	1.5
108	MP5B	Mx	0	1.5
109	MP5B	X	5.488	3.5
110	MP5B	Z	0	3.5
111	MP5B	Mx	0	3.5
112	MP5C	X	4.704	1.5
113	MP5C	Z	0	1.5
114	MP5C	Mx	.002	1.5
115	MP5C	X	4.704	3.5
116	MP5C	Z	0	3.5
117	MP5C	Mx	.002	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	.897	4
2	MP1B	Z	.518	4
3	MP1B	Mx	.000817	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP1B	X	.897	5
5	MP1B	Z	.518	5
6	MP1B	Mx	.000817	5
7	MP1C	X	.899	4
8	MP1C	Z	.519	4
9	MP1C	Mx	-.001	4
10	MP1C	X	.899	5
11	MP1C	Z	.519	5
12	MP1C	Mx	-.001	5
13	MP1B	X	.897	4
14	MP1B	Z	.518	4
15	MP1B	Mx	.000219	4
16	MP1B	X	.897	5
17	MP1B	Z	.518	5
18	MP1B	Mx	.000219	5
19	MP1C	X	.899	4
20	MP1C	Z	.519	4
21	MP1C	Mx	-.000857	4
22	MP1C	X	.899	5
23	MP1C	Z	.519	5
24	MP1C	Mx	-.000857	5
25	MP1A	X	3.583	0
26	MP1A	Z	2.069	0
27	MP1A	Mx	-.000412	0
28	MP1A	X	3.583	5
29	MP1A	Z	2.069	5
30	MP1A	Mx	-.000412	5
31	MP1B	X	4.139	0
32	MP1B	Z	2.39	0
33	MP1B	Mx	-.004	0
34	MP1B	X	4.139	5
35	MP1B	Z	2.39	5
36	MP1B	Mx	-.004	5
37	MP1C	X	3.435	0
38	MP1C	Z	1.983	0
39	MP1C	Mx	.003	0
40	MP1C	X	3.435	5
41	MP1C	Z	1.983	5
42	MP1C	Mx	.003	5
43	MP1A	X	3.583	0
44	MP1A	Z	2.069	0
45	MP1A	Mx	-.003	0
46	MP1A	X	3.583	5
47	MP1A	Z	2.069	5
48	MP1A	Mx	-.003	5
49	MP1B	X	4.139	0
50	MP1B	Z	2.39	0
51	MP1B	Mx	.002	0
52	MP1B	X	4.139	5
53	MP1B	Z	2.39	5
54	MP1B	Mx	.002	5
55	MP1C	X	3.435	0
56	MP1C	Z	1.983	0
57	MP1C	Mx	.000959	0
58	MP1C	X	3.435	5
59	MP1C	Z	1.983	5
60	MP1C	Mx	.000959	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP3A	X	1.86	1.5
62	MP3A	Z	1.074	1.5
63	MP3A	Mx	-.00093	1.5
64	MP3A	X	1.86	3.5
65	MP3A	Z	1.074	3.5
66	MP3A	Mx	-.00093	3.5
67	MP3B	X	3.06	1.5
68	MP3B	Z	1.767	1.5
69	MP3B	Mx	-.000884	1.5
70	MP3B	X	3.06	3.5
71	MP3B	Z	1.767	3.5
72	MP3B	Mx	-.000884	3.5
73	MP3C	X	1.541	1.5
74	MP3C	Z	.89	1.5
75	MP3C	Mx	.000836	1.5
76	MP3C	X	1.541	3.5
77	MP3C	Z	.89	3.5
78	MP3C	Mx	.000836	3.5
79	OVP	X	5.565	1
80	OVP	Z	3.213	1
81	OVP	Mx	0	1
82	MP2A	X	2.18	2
83	MP2A	Z	1.259	2
84	MP2A	Mx	.001	2
85	MP2B	X	2.656	2
86	MP2B	Z	1.534	2
87	MP2B	Mx	.000767	2
88	MP2C	X	2.054	2
89	MP2C	Z	1.186	2
90	MP2C	Mx	-.001	2
91	MP1A	X	2.04	2
92	MP1A	Z	1.178	2
93	MP1A	Mx	.001	2
94	MP1B	X	2.61	2
95	MP1B	Z	1.507	2
96	MP1B	Mx	.000753	2
97	MP1C	X	1.889	2
98	MP1C	Z	1.09	2
99	MP1C	Mx	-.001	2
100	MP5A	X	3.52	1.5
101	MP5A	Z	2.032	1.5
102	MP5A	Mx	-.002	1.5
103	MP5A	X	3.52	3.5
104	MP5A	Z	2.032	3.5
105	MP5A	Mx	-.002	3.5
106	MP5B	X	4.342	1.5
107	MP5B	Z	2.507	1.5
108	MP5B	Mx	-.001	1.5
109	MP5B	X	4.342	3.5
110	MP5B	Z	2.507	3.5
111	MP5B	Mx	-.001	3.5
112	MP5C	X	3.301	1.5
113	MP5C	Z	1.906	1.5
114	MP5C	Mx	.002	1.5
115	MP5C	X	3.301	3.5
116	MP5C	Z	1.906	3.5
117	MP5C	Mx	.002	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	.519	4
2	MP1B	Z	.898	4
3	MP1B	Mx	.001	4
4	MP1B	X	.519	5
5	MP1B	Z	.898	5
6	MP1B	Mx	.001	5
7	MP1C	X	.519	4
8	MP1C	Z	.899	4
9	MP1C	Mx	-.000962	4
10	MP1C	X	.519	5
11	MP1C	Z	.899	5
12	MP1C	Mx	-.000962	5
13	MP1B	X	.519	4
14	MP1B	Z	.898	4
15	MP1B	Mx	.000725	4
16	MP1B	X	.519	5
17	MP1B	Z	.898	5
18	MP1B	Mx	.000725	5
19	MP1C	X	.519	4
20	MP1C	Z	.899	4
21	MP1C	Mx	-.001	4
22	MP1C	X	.519	5
23	MP1C	Z	.899	5
24	MP1C	Mx	-.001	5
25	MP1A	X	2.39	0
26	MP1A	Z	4.139	0
27	MP1A	Mx	.002	0
28	MP1A	X	2.39	5
29	MP1A	Z	4.139	5
30	MP1A	Mx	.002	5
31	MP1B	X	2.069	0
32	MP1B	Z	3.583	0
33	MP1B	Mx	-.003	0
34	MP1B	X	2.069	5
35	MP1B	Z	3.583	5
36	MP1B	Mx	-.003	5
37	MP1C	X	1.928	0
38	MP1C	Z	3.339	0
39	MP1C	Mx	.001	0
40	MP1C	X	1.928	5
41	MP1C	Z	3.339	5
42	MP1C	Mx	.001	5
43	MP1A	X	2.39	0
44	MP1A	Z	4.139	0
45	MP1A	Mx	-.004	0
46	MP1A	X	2.39	5
47	MP1A	Z	4.139	5
48	MP1A	Mx	-.004	5
49	MP1B	X	2.069	0
50	MP1B	Z	3.583	0
51	MP1B	Mx	-.000412	0
52	MP1B	X	2.069	5
53	MP1B	Z	3.583	5
54	MP1B	Mx	-.000412	5
55	MP1C	X	1.928	0
56	MP1C	Z	3.339	0
57	MP1C	Mx	.002	0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1C	X	1.928	5
59	MP1C	Z	3.339	5
60	MP1C	Mx	.002	5
61	MP3A	X	1.767	1.5
62	MP3A	Z	3.06	1.5
63	MP3A	Mx	-.000884	1.5
64	MP3A	X	1.767	3.5
65	MP3A	Z	3.06	3.5
66	MP3A	Mx	-.000884	3.5
67	MP3B	X	1.074	1.5
68	MP3B	Z	1.86	1.5
69	MP3B	Mx	-.00093	1.5
70	MP3B	X	1.074	3.5
71	MP3B	Z	1.86	3.5
72	MP3B	Mx	-.00093	3.5
73	MP3C	X	.77	1.5
74	MP3C	Z	1.333	1.5
75	MP3C	Mx	.000758	1.5
76	MP3C	X	.77	3.5
77	MP3C	Z	1.333	3.5
78	MP3C	Mx	.000758	3.5
79	OVP	X	3.418	1
80	OVP	Z	5.92	1
81	OVP	Mx	0	1
82	MP2A	X	1.534	2
83	MP2A	Z	2.656	2
84	MP2A	Mx	.000767	2
85	MP2B	X	1.259	2
86	MP2B	Z	2.18	2
87	MP2B	Mx	.001	2
88	MP2C	X	1.138	2
89	MP2C	Z	1.971	2
90	MP2C	Mx	-.001	2
91	MP1A	X	1.507	2
92	MP1A	Z	2.61	2
93	MP1A	Mx	.000753	2
94	MP1B	X	1.178	2
95	MP1B	Z	2.04	2
96	MP1B	Mx	.001	2
97	MP1C	X	1.033	2
98	MP1C	Z	1.79	2
99	MP1C	Mx	-.001	2
100	MP5A	X	2.507	1.5
101	MP5A	Z	4.342	1.5
102	MP5A	Mx	-.001	1.5
103	MP5A	X	2.507	3.5
104	MP5A	Z	4.342	3.5
105	MP5A	Mx	-.001	3.5
106	MP5B	X	2.032	1.5
107	MP5B	Z	3.52	1.5
108	MP5B	Mx	-.002	1.5
109	MP5B	X	2.032	3.5
110	MP5B	Z	3.52	3.5
111	MP5B	Mx	-.002	3.5
112	MP5C	X	1.824	1.5
113	MP5C	Z	3.159	1.5
114	MP5C	Mx	.002	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP5C	X	1.824	3.5
116	MP5C	Z	3.159	3.5
117	MP5C	Mx	.002	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	0	4
2	MP1B	Z	1.038	4
3	MP1B	Mx	.001	4
4	MP1B	X	0	5
5	MP1B	Z	1.038	5
6	MP1B	Mx	.001	5
7	MP1C	X	0	4
8	MP1C	Z	1.037	4
9	MP1C	Mx	-.000572	4
10	MP1C	X	0	5
11	MP1C	Z	1.037	5
12	MP1C	Mx	-.000572	5
13	MP1B	X	0	4
14	MP1B	Z	1.038	4
15	MP1B	Mx	.001	4
16	MP1B	X	0	5
17	MP1B	Z	1.038	5
18	MP1B	Mx	.001	5
19	MP1C	X	0	4
20	MP1C	Z	1.037	4
21	MP1C	Mx	-.001	4
22	MP1C	X	0	5
23	MP1C	Z	1.037	5
24	MP1C	Mx	-.001	5
25	MP1A	X	0	0
26	MP1A	Z	5.1	0
27	MP1A	Mx	.003	0
28	MP1A	X	0	5
29	MP1A	Z	5.1	5
30	MP1A	Mx	.003	5
31	MP1B	X	0	0
32	MP1B	Z	3.817	0
33	MP1B	Mx	-.002	0
34	MP1B	X	0	5
35	MP1B	Z	3.817	5
36	MP1B	Mx	-.002	5
37	MP1C	X	0	0
38	MP1C	Z	4.347	0
39	MP1C	Mx	-.000198	0
40	MP1C	X	0	5
41	MP1C	Z	4.347	5
42	MP1C	Mx	-.000198	5
43	MP1A	X	0	0
44	MP1A	Z	5.1	0
45	MP1A	Mx	-.003	0
46	MP1A	X	0	5
47	MP1A	Z	5.1	5
48	MP1A	Mx	-.003	5
49	MP1B	X	0	0
50	MP1B	Z	3.817	0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP1B	Mx	-.002	0
52	MP1B	X	0	5
53	MP1B	Z	3.817	5
54	MP1B	Mx	-.002	5
55	MP1C	X	0	0
56	MP1C	Z	4.347	0
57	MP1C	Mx	.004	0
58	MP1C	X	0	5
59	MP1C	Z	4.347	5
60	MP1C	Mx	.004	5
61	MP3A	X	0	1.5
62	MP3A	Z	4.226	1.5
63	MP3A	Mx	0	1.5
64	MP3A	X	0	3.5
65	MP3A	Z	4.226	3.5
66	MP3A	Mx	0	3.5
67	MP3B	X	0	1.5
68	MP3B	Z	1.456	1.5
69	MP3B	Mx	-.000728	1.5
70	MP3B	X	0	3.5
71	MP3B	Z	1.456	3.5
72	MP3B	Mx	-.000728	3.5
73	MP3C	X	0	1.5
74	MP3C	Z	2.6	1.5
75	MP3C	Mx	.000996	1.5
76	MP3C	X	0	3.5
77	MP3C	Z	2.6	3.5
78	MP3C	Mx	.000996	3.5
79	OVP	X	0	1
80	OVP	Z	6.426	1
81	OVP	Mx	0	1
82	MP2A	X	0	2
83	MP2A	Z	3.342	2
84	MP2A	Mx	0	2
85	MP2B	X	0	2
86	MP2B	Z	2.243	2
87	MP2B	Mx	.001	2
88	MP2C	X	0	2
89	MP2C	Z	2.697	2
90	MP2C	Mx	-.001	2
91	MP1A	X	0	2
92	MP1A	Z	3.342	2
93	MP1A	Mx	0	2
94	MP1B	X	0	2
95	MP1B	Z	2.027	2
96	MP1B	Mx	.001	2
97	MP1C	X	0	2
98	MP1C	Z	2.57	2
99	MP1C	Mx	-.000984	2
100	MP5A	X	0	1.5
101	MP5A	Z	5.488	1.5
102	MP5A	Mx	0	1.5
103	MP5A	X	0	3.5
104	MP5A	Z	5.488	3.5
105	MP5A	Mx	0	3.5
106	MP5B	X	0	1.5
107	MP5B	Z	3.59	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP5B	Mx	-.002	1.5
109	MP5B	X	0	3.5
110	MP5B	Z	3.59	3.5
111	MP5B	Mx	-.002	3.5
112	MP5C	X	0	1.5
113	MP5C	Z	4.374	1.5
114	MP5C	Mx	.002	1.5
115	MP5C	X	0	3.5
116	MP5C	Z	4.374	3.5
117	MP5C	Mx	.002	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-.519	4
2	MP1B	Z	.898	4
3	MP1B	Mx	.000725	4
4	MP1B	X	-.519	5
5	MP1B	Z	.898	5
6	MP1B	Mx	.000725	5
7	MP1C	X	-.518	4
8	MP1C	Z	.897	4
9	MP1C	Mx	-3e-5	4
10	MP1C	X	-.518	5
11	MP1C	Z	.897	5
12	MP1C	Mx	-3e-5	5
13	MP1B	X	-.519	4
14	MP1B	Z	.898	4
15	MP1B	Mx	.001	4
16	MP1B	X	-.519	5
17	MP1B	Z	.898	5
18	MP1B	Mx	.001	5
19	MP1C	X	-.518	4
20	MP1C	Z	.897	4
21	MP1C	Mx	-.000679	4
22	MP1C	X	-.518	5
23	MP1C	Z	.897	5
24	MP1C	Mx	-.000679	5
25	MP1A	X	-2.39	0
26	MP1A	Z	4.139	0
27	MP1A	Mx	.004	0
28	MP1A	X	-2.39	5
29	MP1A	Z	4.139	5
30	MP1A	Mx	.004	5
31	MP1B	X	-2.069	0
32	MP1B	Z	3.583	0
33	MP1B	Mx	-.000412	0
34	MP1B	X	-2.069	5
35	MP1B	Z	3.583	5
36	MP1B	Mx	-.000412	5
37	MP1C	X	-2.475	0
38	MP1C	Z	4.287	0
39	MP1C	Mx	-.002	0
40	MP1C	X	-2.475	5
41	MP1C	Z	4.287	5
42	MP1C	Mx	-.002	5
43	MP1A	X	-2.39	0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP1A	Z	4.139	0
45	MP1A	Mx	-.002	0
46	MP1A	X	-2.39	5
47	MP1A	Z	4.139	5
48	MP1A	Mx	-.002	5
49	MP1B	X	-2.069	0
50	MP1B	Z	3.583	0
51	MP1B	Mx	-.003	0
52	MP1B	X	-2.069	5
53	MP1B	Z	3.583	5
54	MP1B	Mx	-.003	5
55	MP1C	X	-2.475	0
56	MP1C	Z	4.287	0
57	MP1C	Mx	.004	0
58	MP1C	X	-2.475	5
59	MP1C	Z	4.287	5
60	MP1C	Mx	.004	5
61	MP3A	X	-1.767	1.5
62	MP3A	Z	3.06	1.5
63	MP3A	Mx	.000884	1.5
64	MP3A	X	-1.767	3.5
65	MP3A	Z	3.06	3.5
66	MP3A	Mx	.000884	3.5
67	MP3B	X	-1.074	1.5
68	MP3B	Z	1.86	1.5
69	MP3B	Mx	-.00093	1.5
70	MP3B	X	-1.074	3.5
71	MP3B	Z	1.86	3.5
72	MP3B	Mx	-.00093	3.5
73	MP3C	X	-1.951	1.5
74	MP3C	Z	3.38	1.5
75	MP3C	Mx	.000668	1.5
76	MP3C	X	-1.951	3.5
77	MP3C	Z	3.38	3.5
78	MP3C	Mx	.000668	3.5
79	OVP	X	-2.803	1
80	OVP	Z	4.855	1
81	OVP	Mx	0	1
82	MP2A	X	-1.534	2
83	MP2A	Z	2.656	2
84	MP2A	Mx	-.000767	2
85	MP2B	X	-1.259	2
86	MP2B	Z	2.18	2
87	MP2B	Mx	.001	2
88	MP2C	X	-1.607	2
89	MP2C	Z	2.783	2
90	MP2C	Mx	-.000549	2
91	MP1A	X	-1.507	2
92	MP1A	Z	2.61	2
93	MP1A	Mx	-.000753	2
94	MP1B	X	-1.178	2
95	MP1B	Z	2.04	2
96	MP1B	Mx	.001	2
97	MP1C	X	-1.594	2
98	MP1C	Z	2.761	2
99	MP1C	Mx	-.000545	2
100	MP5A	X	-2.507	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP5A	Z	4.342	1.5
102	MP5A	Mx	.001	1.5
103	MP5A	X	-2.507	3.5
104	MP5A	Z	4.342	3.5
105	MP5A	Mx	.001	3.5
106	MP5B	X	-2.032	1.5
107	MP5B	Z	3.52	1.5
108	MP5B	Mx	-.002	1.5
109	MP5B	X	-2.032	3.5
110	MP5B	Z	3.52	3.5
111	MP5B	Mx	-.002	3.5
112	MP5C	X	-2.633	1.5
113	MP5C	Z	4.56	1.5
114	MP5C	Mx	.0009	1.5
115	MP5C	X	-2.633	3.5
116	MP5C	Z	4.56	3.5
117	MP5C	Mx	.0009	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-.897	4
2	MP1B	Z	.518	4
3	MP1B	Mx	.000219	4
4	MP1B	X	-.897	5
5	MP1B	Z	.518	5
6	MP1B	Mx	.000219	5
7	MP1C	X	-.896	4
8	MP1C	Z	.518	4
9	MP1C	Mx	.000519	4
10	MP1C	X	-.896	5
11	MP1C	Z	.518	5
12	MP1C	Mx	.000519	5
13	MP1B	X	-.897	4
14	MP1B	Z	.518	4
15	MP1B	Mx	.000817	4
16	MP1B	X	-.897	5
17	MP1B	Z	.518	5
18	MP1B	Mx	.000817	5
19	MP1C	X	-.896	4
20	MP1C	Z	.518	4
21	MP1C	Mx	-.000161	4
22	MP1C	X	-.896	5
23	MP1C	Z	.518	5
24	MP1C	Mx	-.000161	5
25	MP1A	X	-3.583	0
26	MP1A	Z	2.069	0
27	MP1A	Mx	.003	0
28	MP1A	X	-3.583	5
29	MP1A	Z	2.069	5
30	MP1A	Mx	.003	5
31	MP1B	X	-4.139	0
32	MP1B	Z	2.39	0
33	MP1B	Mx	.002	0
34	MP1B	X	-4.139	5
35	MP1B	Z	2.39	5
36	MP1B	Mx	.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP1C	X	-4.383	0
38	MP1C	Z	2.531	0
39	MP1C	Mx	-.004	0
40	MP1C	X	-4.383	5
41	MP1C	Z	2.531	5
42	MP1C	Mx	-.004	5
43	MP1A	X	-3.583	0
44	MP1A	Z	2.069	0
45	MP1A	Mx	.000412	0
46	MP1A	X	-3.583	5
47	MP1A	Z	2.069	5
48	MP1A	Mx	.000412	5
49	MP1B	X	-4.139	0
50	MP1B	Z	2.39	0
51	MP1B	Mx	-.004	0
52	MP1B	X	-4.139	5
53	MP1B	Z	2.39	5
54	MP1B	Mx	-.004	5
55	MP1C	X	-4.383	0
56	MP1C	Z	2.531	0
57	MP1C	Mx	.003	0
58	MP1C	X	-4.383	5
59	MP1C	Z	2.531	5
60	MP1C	Mx	.003	5
61	MP3A	X	-1.86	1.5
62	MP3A	Z	1.074	1.5
63	MP3A	Mx	.00093	1.5
64	MP3A	X	-1.86	3.5
65	MP3A	Z	1.074	3.5
66	MP3A	Mx	.00093	3.5
67	MP3B	X	-3.06	1.5
68	MP3B	Z	1.767	1.5
69	MP3B	Mx	-.000884	1.5
70	MP3B	X	-3.06	3.5
71	MP3B	Z	1.767	3.5
72	MP3B	Mx	-.000884	3.5
73	MP3C	X	-3.588	1.5
74	MP3C	Z	2.071	1.5
75	MP3C	Mx	-.00036	1.5
76	MP3C	X	-3.588	3.5
77	MP3C	Z	2.071	3.5
78	MP3C	Mx	-.00036	3.5
79	OVP	X	-4.501	1
80	OVP	Z	2.598	1
81	OVP	Mx	0	1
82	MP2A	X	-2.18	2
83	MP2A	Z	1.259	2
84	MP2A	Mx	-.001	2
85	MP2B	X	-2.656	2
86	MP2B	Z	1.534	2
87	MP2B	Mx	.000767	2
88	MP2C	X	-2.866	2
89	MP2C	Z	1.655	2
90	MP2C	Mx	.000287	2
91	MP1A	X	-2.04	2
92	MP1A	Z	1.178	2
93	MP1A	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP1B	X	-2.61	2
95	MP1B	Z	1.507	2
96	MP1B	Mx	.000753	2
97	MP1C	X	-2.86	2
98	MP1C	Z	1.651	2
99	MP1C	Mx	.000287	2
100	MP5A	X	-3.52	1.5
101	MP5A	Z	2.032	1.5
102	MP5A	Mx	.002	1.5
103	MP5A	X	-3.52	3.5
104	MP5A	Z	2.032	3.5
105	MP5A	Mx	.002	3.5
106	MP5B	X	-4.342	1.5
107	MP5B	Z	2.507	1.5
108	MP5B	Mx	-.001	1.5
109	MP5B	X	-4.342	3.5
110	MP5B	Z	2.507	3.5
111	MP5B	Mx	-.001	3.5
112	MP5C	X	-4.703	1.5
113	MP5C	Z	2.715	1.5
114	MP5C	Mx	-.000472	1.5
115	MP5C	X	-4.703	3.5
116	MP5C	Z	2.715	3.5
117	MP5C	Mx	-.000472	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-1.035	4
2	MP1B	Z	0	4
3	MP1B	Mx	-.000345	4
4	MP1B	X	-1.035	5
5	MP1B	Z	0	5
6	MP1B	Mx	-.000345	5
7	MP1C	X	-1.036	4
8	MP1C	Z	0	4
9	MP1C	Mx	.00093	4
10	MP1C	X	-1.036	5
11	MP1C	Z	0	5
12	MP1C	Mx	.00093	5
13	MP1B	X	-1.035	4
14	MP1B	Z	0	4
15	MP1B	Mx	.000345	4
16	MP1B	X	-1.035	5
17	MP1B	Z	0	5
18	MP1B	Mx	.000345	5
19	MP1C	X	-1.036	4
20	MP1C	Z	0	4
21	MP1C	Mx	.000401	4
22	MP1C	X	-1.036	5
23	MP1C	Z	0	5
24	MP1C	Mx	.000401	5
25	MP1A	X	-3.817	0
26	MP1A	Z	0	0
27	MP1A	Mx	.002	0
28	MP1A	X	-3.817	5
29	MP1A	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP1A	Mx	.002	5
31	MP1B	X	-5.1	0
32	MP1B	Z	0	0
33	MP1B	Mx	.003	0
34	MP1B	X	-5.1	5
35	MP1B	Z	0	5
36	MP1B	Mx	.003	5
37	MP1C	X	-4.57	0
38	MP1C	Z	0	0
39	MP1C	Mx	-.004	0
40	MP1C	X	-4.57	5
41	MP1C	Z	0	5
42	MP1C	Mx	-.004	5
43	MP1A	X	-3.817	0
44	MP1A	Z	0	0
45	MP1A	Mx	.002	0
46	MP1A	X	-3.817	5
47	MP1A	Z	0	5
48	MP1A	Mx	.002	5
49	MP1B	X	-5.1	0
50	MP1B	Z	0	0
51	MP1B	Mx	-.003	0
52	MP1B	X	-5.1	5
53	MP1B	Z	0	5
54	MP1B	Mx	-.003	5
55	MP1C	X	-4.57	0
56	MP1C	Z	0	0
57	MP1C	Mx	.000865	0
58	MP1C	X	-4.57	5
59	MP1C	Z	0	5
60	MP1C	Mx	.000865	5
61	MP3A	X	-1.456	1.5
62	MP3A	Z	0	1.5
63	MP3A	Mx	.000728	1.5
64	MP3A	X	-1.456	3.5
65	MP3A	Z	0	3.5
66	MP3A	Mx	.000728	3.5
67	MP3B	X	-4.226	1.5
68	MP3B	Z	0	1.5
69	MP3B	Mx	0	1.5
70	MP3B	X	-4.226	3.5
71	MP3B	Z	0	3.5
72	MP3B	Mx	0	3.5
73	MP3C	X	-3.082	1.5
74	MP3C	Z	0	1.5
75	MP3C	Mx	-.000991	1.5
76	MP3C	X	-3.082	3.5
77	MP3C	Z	0	3.5
78	MP3C	Mx	-.000991	3.5
79	OVP	X	-5.607	1
80	OVP	Z	0	1
81	OVP	Mx	0	1
82	MP2A	X	-2.243	2
83	MP2A	Z	0	2
84	MP2A	Mx	-.001	2
85	MP2B	X	-3.342	2
86	MP2B	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP2B	Mx	0	2
88	MP2C	X	-2.888	2
89	MP2C	Z	0	2
90	MP2C	Mx	.000928	2
91	MP1A	X	-2.027	2
92	MP1A	Z	0	2
93	MP1A	Mx	-.001	2
94	MP1B	X	-3.342	2
95	MP1B	Z	0	2
96	MP1B	Mx	0	2
97	MP1C	X	-2.799	2
98	MP1C	Z	0	2
99	MP1C	Mx	.0009	2
100	MP5A	X	-3.59	1.5
101	MP5A	Z	0	1.5
102	MP5A	Mx	.002	1.5
103	MP5A	X	-3.59	3.5
104	MP5A	Z	0	3.5
105	MP5A	Mx	.002	3.5
106	MP5B	X	-5.488	1.5
107	MP5B	Z	0	1.5
108	MP5B	Mx	0	1.5
109	MP5B	X	-5.488	3.5
110	MP5B	Z	0	3.5
111	MP5B	Mx	0	3.5
112	MP5C	X	-4.704	1.5
113	MP5C	Z	0	1.5
114	MP5C	Mx	-.002	1.5
115	MP5C	X	-4.704	3.5
116	MP5C	Z	0	3.5
117	MP5C	Mx	-.002	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-.897	4
2	MP1B	Z	-.518	4
3	MP1B	Mx	-.000817	4
4	MP1B	X	-.897	5
5	MP1B	Z	-.518	5
6	MP1B	Mx	-.000817	5
7	MP1C	X	-.899	4
8	MP1C	Z	-.519	4
9	MP1C	Mx	.001	4
10	MP1C	X	-.899	5
11	MP1C	Z	-.519	5
12	MP1C	Mx	.001	5
13	MP1B	X	-.897	4
14	MP1B	Z	-.518	4
15	MP1B	Mx	-.000219	4
16	MP1B	X	-.897	5
17	MP1B	Z	-.518	5
18	MP1B	Mx	-.000219	5
19	MP1C	X	-.899	4
20	MP1C	Z	-.519	4
21	MP1C	Mx	.000857	4
22	MP1C	X	-.899	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP1C	Z	-.519	5
24	MP1C	Mx	.000857	5
25	MP1A	X	-3.583	0
26	MP1A	Z	-2.069	0
27	MP1A	Mx	.000412	0
28	MP1A	X	-3.583	5
29	MP1A	Z	-2.069	5
30	MP1A	Mx	.000412	5
31	MP1B	X	-4.139	0
32	MP1B	Z	-2.39	0
33	MP1B	Mx	.004	0
34	MP1B	X	-4.139	5
35	MP1B	Z	-2.39	5
36	MP1B	Mx	.004	5
37	MP1C	X	-3.435	0
38	MP1C	Z	-1.983	0
39	MP1C	Mx	-.003	0
40	MP1C	X	-3.435	5
41	MP1C	Z	-1.983	5
42	MP1C	Mx	-.003	5
43	MP1A	X	-3.583	0
44	MP1A	Z	-2.069	0
45	MP1A	Mx	.003	0
46	MP1A	X	-3.583	5
47	MP1A	Z	-2.069	5
48	MP1A	Mx	.003	5
49	MP1B	X	-4.139	0
50	MP1B	Z	-2.39	0
51	MP1B	Mx	-.002	0
52	MP1B	X	-4.139	5
53	MP1B	Z	-2.39	5
54	MP1B	Mx	-.002	5
55	MP1C	X	-3.435	0
56	MP1C	Z	-1.983	0
57	MP1C	Mx	-.000959	0
58	MP1C	X	-3.435	5
59	MP1C	Z	-1.983	5
60	MP1C	Mx	-.000959	5
61	MP3A	X	-1.86	1.5
62	MP3A	Z	-1.074	1.5
63	MP3A	Mx	.00093	1.5
64	MP3A	X	-1.86	3.5
65	MP3A	Z	-1.074	3.5
66	MP3A	Mx	.00093	3.5
67	MP3B	X	-3.06	1.5
68	MP3B	Z	-1.767	1.5
69	MP3B	Mx	.000884	1.5
70	MP3B	X	-3.06	3.5
71	MP3B	Z	-1.767	3.5
72	MP3B	Mx	.000884	3.5
73	MP3C	X	-1.541	1.5
74	MP3C	Z	-.89	1.5
75	MP3C	Mx	-.000836	1.5
76	MP3C	X	-1.541	3.5
77	MP3C	Z	-.89	3.5
78	MP3C	Mx	-.000836	3.5
79	OVP	X	-5.565	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	OVP	Z	-3.213	1
81	OVP	Mx	0	1
82	MP2A	X	-2.18	2
83	MP2A	Z	-1.259	2
84	MP2A	Mx	-.001	2
85	MP2B	X	-2.656	2
86	MP2B	Z	-1.534	2
87	MP2B	Mx	-.000767	2
88	MP2C	X	-2.054	2
89	MP2C	Z	-1.186	2
90	MP2C	Mx	.001	2
91	MP1A	X	-2.04	2
92	MP1A	Z	-1.178	2
93	MP1A	Mx	-.001	2
94	MP1B	X	-2.61	2
95	MP1B	Z	-1.507	2
96	MP1B	Mx	-.000753	2
97	MP1C	X	-1.889	2
98	MP1C	Z	-1.09	2
99	MP1C	Mx	.001	2
100	MP5A	X	-3.52	1.5
101	MP5A	Z	-2.032	1.5
102	MP5A	Mx	.002	1.5
103	MP5A	X	-3.52	3.5
104	MP5A	Z	-2.032	3.5
105	MP5A	Mx	.002	3.5
106	MP5B	X	-4.342	1.5
107	MP5B	Z	-2.507	1.5
108	MP5B	Mx	.001	1.5
109	MP5B	X	-4.342	3.5
110	MP5B	Z	-2.507	3.5
111	MP5B	Mx	.001	3.5
112	MP5C	X	-3.301	1.5
113	MP5C	Z	-1.906	1.5
114	MP5C	Mx	-.002	1.5
115	MP5C	X	-3.301	3.5
116	MP5C	Z	-1.906	3.5
117	MP5C	Mx	-.002	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-.519	4
2	MP1B	Z	-.898	4
3	MP1B	Mx	-.001	4
4	MP1B	X	-.519	5
5	MP1B	Z	-.898	5
6	MP1B	Mx	-.001	5
7	MP1C	X	-.519	4
8	MP1C	Z	-.899	4
9	MP1C	Mx	.000962	4
10	MP1C	X	-.519	5
11	MP1C	Z	-.899	5
12	MP1C	Mx	.000962	5
13	MP1B	X	-.519	4
14	MP1B	Z	-.898	4
15	MP1B	Mx	-.000725	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP1B	X	-.519	5
17	MP1B	Z	-.898	5
18	MP1B	Mx	-.000725	5
19	MP1C	X	-.519	4
20	MP1C	Z	-.899	4
21	MP1C	Mx	.001	4
22	MP1C	X	-.519	5
23	MP1C	Z	-.899	5
24	MP1C	Mx	.001	5
25	MP1A	X	-2.39	0
26	MP1A	Z	-4.139	0
27	MP1A	Mx	-.002	0
28	MP1A	X	-2.39	5
29	MP1A	Z	-4.139	5
30	MP1A	Mx	-.002	5
31	MP1B	X	-2.069	0
32	MP1B	Z	-3.583	0
33	MP1B	Mx	.003	0
34	MP1B	X	-2.069	5
35	MP1B	Z	-3.583	5
36	MP1B	Mx	.003	5
37	MP1C	X	-1.928	0
38	MP1C	Z	-3.339	0
39	MP1C	Mx	-.001	0
40	MP1C	X	-1.928	5
41	MP1C	Z	-3.339	5
42	MP1C	Mx	-.001	5
43	MP1A	X	-2.39	0
44	MP1A	Z	-4.139	0
45	MP1A	Mx	.004	0
46	MP1A	X	-2.39	5
47	MP1A	Z	-4.139	5
48	MP1A	Mx	.004	5
49	MP1B	X	-2.069	0
50	MP1B	Z	-3.583	0
51	MP1B	Mx	.000412	0
52	MP1B	X	-2.069	5
53	MP1B	Z	-3.583	5
54	MP1B	Mx	.000412	5
55	MP1C	X	-1.928	0
56	MP1C	Z	-3.339	0
57	MP1C	Mx	-.002	0
58	MP1C	X	-1.928	5
59	MP1C	Z	-3.339	5
60	MP1C	Mx	-.002	5
61	MP3A	X	-1.767	1.5
62	MP3A	Z	-3.06	1.5
63	MP3A	Mx	.000884	1.5
64	MP3A	X	-1.767	3.5
65	MP3A	Z	-3.06	3.5
66	MP3A	Mx	.000884	3.5
67	MP3B	X	-1.074	1.5
68	MP3B	Z	-1.86	1.5
69	MP3B	Mx	.00093	1.5
70	MP3B	X	-1.074	3.5
71	MP3B	Z	-1.86	3.5
72	MP3B	Mx	.00093	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP3C	X	-.77	1.5
74	MP3C	Z	-1.333	1.5
75	MP3C	Mx	-.000758	1.5
76	MP3C	X	-.77	3.5
77	MP3C	Z	-1.333	3.5
78	MP3C	Mx	-.000758	3.5
79	OVP	X	-3.418	1
80	OVP	Z	-5.92	1
81	OVP	Mx	0	1
82	MP2A	X	-1.534	2
83	MP2A	Z	-2.656	2
84	MP2A	Mx	-.000767	2
85	MP2B	X	-1.259	2
86	MP2B	Z	-2.18	2
87	MP2B	Mx	-.001	2
88	MP2C	X	-1.138	2
89	MP2C	Z	-1.971	2
90	MP2C	Mx	.001	2
91	MP1A	X	-1.507	2
92	MP1A	Z	-2.61	2
93	MP1A	Mx	-.000753	2
94	MP1B	X	-1.178	2
95	MP1B	Z	-2.04	2
96	MP1B	Mx	-.001	2
97	MP1C	X	-1.033	2
98	MP1C	Z	-1.79	2
99	MP1C	Mx	.001	2
100	MP5A	X	-2.507	1.5
101	MP5A	Z	-4.342	1.5
102	MP5A	Mx	.001	1.5
103	MP5A	X	-2.507	3.5
104	MP5A	Z	-4.342	3.5
105	MP5A	Mx	.001	3.5
106	MP5B	X	-2.032	1.5
107	MP5B	Z	-3.52	1.5
108	MP5B	Mx	.002	1.5
109	MP5B	X	-2.032	3.5
110	MP5B	Z	-3.52	3.5
111	MP5B	Mx	.002	3.5
112	MP5C	X	-1.824	1.5
113	MP5C	Z	-3.159	1.5
114	MP5C	Mx	-.002	1.5
115	MP5C	X	-1.824	3.5
116	MP5C	Z	-3.159	3.5
117	MP5C	Mx	-.002	3.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M82A	Y	-500	%98

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M82A	Y	-500	%51

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 79 : Lv1) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M82A	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M82A	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	Y	0	4
2	MP1B	My	0	4
3	MP1B	Mz	0	4
4	MP1B	Y	0	5
5	MP1B	My	0	5
6	MP1B	Mz	0	5
7	MP1C	Y	0	4
8	MP1C	My	0	4
9	MP1C	Mz	0	4
10	MP1C	Y	0	5
11	MP1C	My	0	5
12	MP1C	Mz	0	5
13	MP1B	Y	0	4
14	MP1B	My	0	4
15	MP1B	Mz	0	4
16	MP1B	Y	0	5
17	MP1B	My	0	5
18	MP1B	Mz	0	5
19	MP1C	Y	0	4
20	MP1C	My	0	4
21	MP1C	Mz	0	4
22	MP1C	Y	0	5
23	MP1C	My	0	5
24	MP1C	Mz	0	5
25	MP1A	Y	0	0
26	MP1A	My	0	0
27	MP1A	Mz	0	0
28	MP1A	Y	0	5
29	MP1A	My	0	5
30	MP1A	Mz	0	5
31	MP1B	Y	0	0
32	MP1B	My	0	0
33	MP1B	Mz	0	0
34	MP1B	Y	0	5
35	MP1B	My	0	5
36	MP1B	Mz	0	5
37	MP1C	Y	0	0
38	MP1C	My	0	0
39	MP1C	Mz	0	0
40	MP1C	Y	0	5
41	MP1C	My	0	5
42	MP1C	Mz	0	5
43	MP1A	Y	0	0
44	MP1A	My	0	0
45	MP1A	Mz	0	0
46	MP1A	Y	0	5
47	MP1A	My	0	5
48	MP1A	Mz	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP1B	Y	0	0
50	MP1B	My	0	0
51	MP1B	Mz	0	0
52	MP1B	Y	0	5
53	MP1B	My	0	5
54	MP1B	Mz	0	5
55	MP1C	Y	0	0
56	MP1C	My	0	0
57	MP1C	Mz	0	0
58	MP1C	Y	0	5
59	MP1C	My	0	5
60	MP1C	Mz	0	5
61	MP3A	Y	0	1.5
62	MP3A	My	0	1.5
63	MP3A	Mz	0	1.5
64	MP3A	Y	0	3.5
65	MP3A	My	0	3.5
66	MP3A	Mz	0	3.5
67	MP3B	Y	0	1.5
68	MP3B	My	0	1.5
69	MP3B	Mz	0	1.5
70	MP3B	Y	0	3.5
71	MP3B	My	0	3.5
72	MP3B	Mz	0	3.5
73	MP3C	Y	0	1.5
74	MP3C	My	0	1.5
75	MP3C	Mz	0	1.5
76	MP3C	Y	0	3.5
77	MP3C	My	0	3.5
78	MP3C	Mz	0	3.5
79	OVP	Y	0	1
80	OVP	My	0	1
81	OVP	Mz	0	1
82	MP2A	Y	0	2
83	MP2A	My	0	2
84	MP2A	Mz	0	2
85	MP2B	Y	0	2
86	MP2B	My	0	2
87	MP2B	Mz	0	2
88	MP2C	Y	0	2
89	MP2C	My	0	2
90	MP2C	Mz	0	2
91	MP1A	Y	0	2
92	MP1A	My	0	2
93	MP1A	Mz	0	2
94	MP1B	Y	0	2
95	MP1B	My	0	2
96	MP1B	Mz	0	2
97	MP1C	Y	0	2
98	MP1C	My	0	2
99	MP1C	Mz	0	2
100	MP5A	Y	0	1.5
101	MP5A	My	0	1.5
102	MP5A	Mz	0	1.5
103	MP5A	Y	0	3.5
104	MP5A	My	0	3.5
105	MP5A	Mz	0	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP5B	Y	0	1.5
107	MP5B	My	0	1.5
108	MP5B	Mz	0	1.5
109	MP5B	Y	0	3.5
110	MP5B	My	0	3.5
111	MP5B	Mz	0	3.5
112	MP5C	Y	0	1.5
113	MP5C	My	0	1.5
114	MP5C	Mz	0	1.5
115	MP5C	Y	0	3.5
116	MP5C	My	0	3.5
117	MP5C	Mz	0	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	Z	-.264	4
2	MP1B	Mx	-.000264	4
3	MP1B	Z	-.264	5
4	MP1B	Mx	-.000264	5
5	MP1C	Z	-.264	4
6	MP1C	Mx	.000146	4
7	MP1C	Z	-.264	5
8	MP1C	Mx	.000146	5
9	MP1B	Z	-.264	4
10	MP1B	Mx	-.000264	4
11	MP1B	Z	-.264	5
12	MP1B	Mx	-.000264	5
13	MP1C	Z	-.264	4
14	MP1C	Mx	.000259	4
15	MP1C	Z	-.264	5
16	MP1C	Mx	.000259	5
17	MP1A	Z	-.69	0
18	MP1A	Mx	-.00046	0
19	MP1A	Z	-.69	5
20	MP1A	Mx	-.00046	5
21	MP1B	Z	-.69	0
22	MP1B	Mx	.000345	0
23	MP1B	Z	-.69	5
24	MP1B	Mx	.000345	5
25	MP1C	Z	-.69	0
26	MP1C	Mx	3.1e-5	0
27	MP1C	Z	-.69	5
28	MP1C	Mx	3.1e-5	5
29	MP1A	Z	-.69	0
30	MP1A	Mx	.00046	0
31	MP1A	Z	-.69	5
32	MP1A	Mx	.00046	5
33	MP1B	Z	-.69	0
34	MP1B	Mx	.000345	0
35	MP1B	Z	-.69	5
36	MP1B	Mx	.000345	5
37	MP1C	Z	-.69	0
38	MP1C	Mx	-.00056	0
39	MP1C	Z	-.69	5
40	MP1C	Mx	-.00056	5
41	MP3A	Z	-1.306	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mx	0	1.5
43	MP3A	Z	-1.306	3.5
44	MP3A	Mx	0	3.5
45	MP3B	Z	-1.306	1.5
46	MP3B	Mx	.000653	1.5
47	MP3B	Z	-1.306	3.5
48	MP3B	Mx	.000653	3.5
49	MP3C	Z	-1.306	1.5
50	MP3C	Mx	-.0005	1.5
51	MP3C	Z	-1.306	3.5
52	MP3C	Mx	-.0005	3.5
53	OVP	Z	-.96	1
54	OVP	Mx	0	1
55	MP2A	Z	-2.241	2
56	MP2A	Mx	0	2
57	MP2B	Z	-2.241	2
58	MP2B	Mx	-.001	2
59	MP2C	Z	-2.241	2
60	MP2C	Mx	.000858	2
61	MP1A	Z	-2.109	2
62	MP1A	Mx	0	2
63	MP1B	Z	-2.109	2
64	MP1B	Mx	-.001	2
65	MP1C	Z	-2.109	2
66	MP1C	Mx	.000808	2
67	MP5A	Z	-.417	1.5
68	MP5A	Mx	0	1.5
69	MP5A	Z	-.417	3.5
70	MP5A	Mx	0	3.5
71	MP5B	Z	-.417	1.5
72	MP5B	Mx	.000209	1.5
73	MP5B	Z	-.417	3.5
74	MP5B	Mx	.000209	3.5
75	MP5C	Z	-.417	1.5
76	MP5C	Mx	-.00016	1.5
77	MP5C	Z	-.417	3.5
78	MP5C	Mx	-.00016	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	.264	4
2	MP1B	Mx	8.8e-5	4
3	MP1B	X	.264	5
4	MP1B	Mx	8.8e-5	5
5	MP1C	X	.264	4
6	MP1C	Mx	-.000237	4
7	MP1C	X	.264	5
8	MP1C	Mx	-.000237	5
9	MP1B	X	.264	4
10	MP1B	Mx	-8.8e-5	4
11	MP1B	X	.264	5
12	MP1B	Mx	-8.8e-5	5
13	MP1C	X	.264	4
14	MP1C	Mx	-.000102	4
15	MP1C	X	.264	5
16	MP1C	Mx	-.000102	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP1A	X	.69	0
18	MP1A	Mx	-.000345	0
19	MP1A	X	.69	5
20	MP1A	Mx	-.000345	5
21	MP1B	X	.69	0
22	MP1B	Mx	-.00046	0
23	MP1B	X	.69	5
24	MP1B	Mx	-.00046	5
25	MP1C	X	.69	0
26	MP1C	Mx	.000574	0
27	MP1C	X	.69	5
28	MP1C	Mx	.000574	5
29	MP1A	X	.69	0
30	MP1A	Mx	-.000345	0
31	MP1A	X	.69	5
32	MP1A	Mx	-.000345	5
33	MP1B	X	.69	0
34	MP1B	Mx	.00046	0
35	MP1B	X	.69	5
36	MP1B	Mx	.00046	5
37	MP1C	X	.69	0
38	MP1C	Mx	-.000131	0
39	MP1C	X	.69	5
40	MP1C	Mx	-.000131	5
41	MP3A	X	1.306	1.5
42	MP3A	Mx	-.000653	1.5
43	MP3A	X	1.306	3.5
44	MP3A	Mx	-.000653	3.5
45	MP3B	X	1.306	1.5
46	MP3B	Mx	0	1.5
47	MP3B	X	1.306	3.5
48	MP3B	Mx	0	3.5
49	MP3C	X	1.306	1.5
50	MP3C	Mx	.00042	1.5
51	MP3C	X	1.306	3.5
52	MP3C	Mx	.00042	3.5
53	OVP	X	.96	1
54	OVP	Mx	0	1
55	MP2A	X	2.241	2
56	MP2A	Mx	.001	2
57	MP2B	X	2.241	2
58	MP2B	Mx	0	2
59	MP2C	X	2.241	2
60	MP2C	Mx	-.00072	2
61	MP1A	X	2.109	2
62	MP1A	Mx	.001	2
63	MP1B	X	2.109	2
64	MP1B	Mx	0	2
65	MP1C	X	2.109	2
66	MP1C	Mx	-.000678	2
67	MP5A	X	.417	1.5
68	MP5A	Mx	-.000209	1.5
69	MP5A	X	.417	3.5
70	MP5A	Mx	-.000209	3.5
71	MP5B	X	.417	1.5
72	MP5B	Mx	0	1.5
73	MP5B	X	.417	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP5B	Mx	0	3.5
75	MP5C	X	.417	1.5
76	MP5C	Mx	.000134	1.5
77	MP5C	X	.417	3.5
78	MP5C	Mx	.000134	3.5

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	M1	Y	-6.615	-6.615	0	%100
2	M4	Y	-9.676	-9.676	0	%100
3	M10	Y	-9.676	-9.676	0	%100
4	M43	Y	-9.676	-9.676	0	%100
5	M46	Y	-10.192	-10.192	0	%100
6	M51B	Y	-5.662	-5.662	0	%100
7	M52B	Y	-5.662	-5.662	0	%100
8	M76	Y	-10.179	-10.179	0	%100
9	M77	Y	-10.179	-10.179	0	%100
10	M80	Y	-10.192	-10.192	0	%100
11	M84	Y	-10.179	-10.179	0	%100
12	M85	Y	-10.179	-10.179	0	%100
13	M91	Y	-10.192	-10.192	0	%100
14	M52A	Y	-9.676	-9.676	0	%100
15	M53	Y	-9.676	-9.676	0	%100
16	M54	Y	-9.676	-9.676	0	%100
17	M55	Y	-10.192	-10.192	0	%100
18	M58A	Y	-5.662	-5.662	0	%100
19	M59A	Y	-5.662	-5.662	0	%100
20	M63	Y	-10.179	-10.179	0	%100
21	M64	Y	-10.179	-10.179	0	%100
22	M66	Y	-10.192	-10.192	0	%100
23	M68	Y	-10.179	-10.179	0	%100
24	M69	Y	-10.179	-10.179	0	%100
25	M71	Y	-10.192	-10.192	0	%100
26	M76A	Y	-9.676	-9.676	0	%100
27	M77A	Y	-9.676	-9.676	0	%100
28	M78	Y	-9.676	-9.676	0	%100
29	M79A	Y	-10.192	-10.192	0	%100
30	M82	Y	-5.662	-5.662	0	%100
31	M83A	Y	-5.662	-5.662	0	%100
32	M87	Y	-10.179	-10.179	0	%100
33	M88A	Y	-10.179	-10.179	0	%100
34	M90	Y	-10.192	-10.192	0	%100
35	M92A	Y	-10.179	-10.179	0	%100
36	M93	Y	-10.179	-10.179	0	%100
37	M95	Y	-10.192	-10.192	0	%100
38	M82A	Y	-6.615	-6.615	0	%100
39	M91B	Y	-6.615	-6.615	0	%100
40	MP5A	Y	-5.019	-5.019	0	%100
41	MP4A	Y	-5.019	-5.019	0	%100
42	MP3A	Y	-5.019	-5.019	0	%100
43	MP2A	Y	-5.728	-5.728	0	%100
44	MP1A	Y	-5.728	-5.728	0	%100
45	MP5C	Y	-5.019	-5.019	0	%100
46	MP4C	Y	-5.019	-5.019	0	%100
47	MP3C	Y	-5.019	-5.019	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,%]
48	MP2C	Y	-5.728	-5.728	0	%100
49	MP1C	Y	-5.728	-5.728	0	%100
50	MP5B	Y	-5.019	-5.019	0	%100
51	MP4B	Y	-5.019	-5.019	0	%100
52	3	Y	-5.019	-5.019	0	%100
53	MP2B	Y	-5.728	-5.728	0	%100
54	MP1B	Y	-5.728	-5.728	0	%100
55	OVP	Y	-5.019	-5.019	0	%100
56	M108	Y	-5.728	-5.728	0	%100
57	M116	Y	-5.728	-5.728	0	%100
58	M124	Y	-5.728	-5.728	0	%100
59	M132	Y	-7.669	-7.669	0	%100
60	M133	Y	-7.669	-7.669	0	%100
61	M134	Y	-7.669	-7.669	0	%100
62	M139	Y	-2.358	-2.358	0	%100
63	M140	Y	-2.358	-2.358	0	%100
64	MP3B	Y	-5.019	-5.019	0	%100
65	M148	Y	-2.358	-2.358	0	%100
66	M149	Y	-2.358	-2.358	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-3.483	-3.483	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	-10.796	-10.796	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-3.045	-3.045	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-3.045	-3.045	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-6.074	-6.074	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-13.491	-13.491	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-3.373	-3.373	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	-18.221	-18.221	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-24.745	-24.745	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-26.063	-26.063	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	-18.221	-18.221	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-6.186	-6.186	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	-6.516	-6.516	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	-12.18	-12.18	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	-12.18	-12.18	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	-24.295	-24.295	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,%]
35	M58A	X	0	0	0	%100
36	M58A	Z	-3.373	-3.373	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	-3.373	-3.373	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	-6.186	-6.186	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	-6.516	-6.516	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	-6.186	-6.186	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	-6.516	-6.516	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	-10.796	-10.796	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	-3.045	-3.045	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	-3.045	-3.045	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	-6.074	-6.074	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	-3.373	-3.373	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	-13.491	-13.491	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	-18.221	-18.221	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	-6.186	-6.186	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	-6.516	-6.516	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	-18.221	-18.221	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	-24.745	-24.745	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	-26.063	-26.063	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	-13.933	-13.933	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	-3.483	-3.483	0	%100
79	MP5A	X	0	0	0	%100
80	MP5A	Z	-9.617	-9.617	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	-9.617	-9.617	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-9.617	-9.617	0	%100
85	MP2A	X	0	0	0	%100
86	MP2A	Z	-11.641	-11.641	0	%100
87	MP1A	X	0	0	0	%100
88	MP1A	Z	-11.641	-11.641	0	%100
89	MP5C	X	0	0	0	%100
90	MP5C	Z	-9.617	-9.617	0	%100
91	MP4C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
92	MP4C	Z	-9.617	-9.617	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	-9.617	-9.617	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-11.641	-11.641	0	%100
97	MP1C	X	0	0	0	%100
98	MP1C	Z	-11.641	-11.641	0	%100
99	MP5B	X	0	0	0	%100
100	MP5B	Z	-9.617	-9.617	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-9.617	-9.617	0	%100
103	3	X	0	0	0	%100
104	3	Z	-9.617	-9.617	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	-11.641	-11.641	0	%100
107	MP1B	X	0	0	0	%100
108	MP1B	Z	-11.641	-11.641	0	%100
109	OVP	X	0	0	0	%100
110	OVP	Z	-7.864	-7.864	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-11.641	-11.641	0	%100
113	M116	X	0	0	0	%100
114	M116	Z	-2.91	-2.91	0	%100
115	M124	X	0	0	0	%100
116	M124	Z	-2.91	-2.91	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	-3.806	-3.806	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	-3.806	-3.806	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	-15.226	-15.226	0	%100
123	M139	X	0	0	0	%100
124	M139	Z	-1.322	-1.322	0	%100
125	M140	X	0	0	0	%100
126	M140	Z	-1.322	-1.322	0	%100
127	MP3B	X	0	0	0	%100
128	MP3B	Z	-9.617	-9.617	0	%100
129	M148	X	0	0	0	%100
130	M148	Z	-1.322	-1.322	0	%100
131	M149	X	0	0	0	%100
132	M149	Z	-1.322	-1.322	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	7.197	7.197	0	%100
4	M4	Z	-12.466	-12.466	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	5.059	5.059	0	%100
12	M51B	Z	-8.762	-8.762	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,%]
13	M52B	X	5.059	5.059	0	%100
14	M52B	Z	-8.762	-8.762	0	%100
15	M76	X	12.148	12.148	0	%100
16	M76	Z	-21.04	-21.04	0	%100
17	M77	X	9.279	9.279	0	%100
18	M77	Z	-16.072	-16.072	0	%100
19	M80	X	9.774	9.774	0	%100
20	M80	Z	-16.929	-16.929	0	%100
21	M84	X	12.148	12.148	0	%100
22	M84	Z	-21.04	-21.04	0	%100
23	M85	X	9.279	9.279	0	%100
24	M85	Z	-16.072	-16.072	0	%100
25	M91	X	9.774	9.774	0	%100
26	M91	Z	-16.929	-16.929	0	%100
27	M52A	X	1.799	1.799	0	%100
28	M52A	Z	-3.117	-3.117	0	%100
29	M53	X	4.568	4.568	0	%100
30	M53	Z	-7.911	-7.911	0	%100
31	M54	X	4.568	4.568	0	%100
32	M54	Z	-7.911	-7.911	0	%100
33	M55	X	9.111	9.111	0	%100
34	M55	Z	-15.78	-15.78	0	%100
35	M58A	X	5.059	5.059	0	%100
36	M58A	Z	-8.762	-8.762	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	3.037	3.037	0	%100
40	M63	Z	-5.26	-5.26	0	%100
41	M64	X	9.279	9.279	0	%100
42	M64	Z	-16.072	-16.072	0	%100
43	M66	X	9.774	9.774	0	%100
44	M66	Z	-16.929	-16.929	0	%100
45	M68	X	3.037	3.037	0	%100
46	M68	Z	-5.26	-5.26	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	1.799	1.799	0	%100
52	M76A	Z	-3.117	-3.117	0	%100
53	M77A	X	4.568	4.568	0	%100
54	M77A	Z	-7.911	-7.911	0	%100
55	M78	X	4.568	4.568	0	%100
56	M78	Z	-7.911	-7.911	0	%100
57	M79A	X	9.111	9.111	0	%100
58	M79A	Z	-15.78	-15.78	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	5.059	5.059	0	%100
62	M83A	Z	-8.762	-8.762	0	%100
63	M87	X	3.037	3.037	0	%100
64	M87	Z	-5.26	-5.26	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	3.037	3.037	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,%]
70	M92A	Z	-5.26	-5.26	0	%100
71	M93	X	9.279	9.279	0	%100
72	M93	Z	-16.072	-16.072	0	%100
73	M95	X	9.774	9.774	0	%100
74	M95	Z	-16.929	-16.929	0	%100
75	M82A	X	5.225	5.225	0	%100
76	M82A	Z	-9.05	-9.05	0	%100
77	M91B	X	5.225	5.225	0	%100
78	M91B	Z	-9.05	-9.05	0	%100
79	MP5A	X	4.808	4.808	0	%100
80	MP5A	Z	-8.328	-8.328	0	%100
81	MP4A	X	4.808	4.808	0	%100
82	MP4A	Z	-8.328	-8.328	0	%100
83	MP3A	X	4.808	4.808	0	%100
84	MP3A	Z	-8.328	-8.328	0	%100
85	MP2A	X	5.821	5.821	0	%100
86	MP2A	Z	-10.082	-10.082	0	%100
87	MP1A	X	5.821	5.821	0	%100
88	MP1A	Z	-10.082	-10.082	0	%100
89	MP5C	X	4.808	4.808	0	%100
90	MP5C	Z	-8.328	-8.328	0	%100
91	MP4C	X	4.808	4.808	0	%100
92	MP4C	Z	-8.328	-8.328	0	%100
93	MP3C	X	4.808	4.808	0	%100
94	MP3C	Z	-8.328	-8.328	0	%100
95	MP2C	X	5.821	5.821	0	%100
96	MP2C	Z	-10.082	-10.082	0	%100
97	MP1C	X	5.821	5.821	0	%100
98	MP1C	Z	-10.082	-10.082	0	%100
99	MP5B	X	4.808	4.808	0	%100
100	MP5B	Z	-8.328	-8.328	0	%100
101	MP4B	X	4.808	4.808	0	%100
102	MP4B	Z	-8.328	-8.328	0	%100
103	3	X	4.808	4.808	0	%100
104	3	Z	-8.328	-8.328	0	%100
105	MP2B	X	5.821	5.821	0	%100
106	MP2B	Z	-10.082	-10.082	0	%100
107	MP1B	X	5.821	5.821	0	%100
108	MP1B	Z	-10.082	-10.082	0	%100
109	OVP	X	3.932	3.932	0	%100
110	OVP	Z	-6.81	-6.81	0	%100
111	M108	X	4.366	4.366	0	%100
112	M108	Z	-7.561	-7.561	0	%100
113	M116	X	4.366	4.366	0	%100
114	M116	Z	-7.561	-7.561	0	%100
115	M124	X	0	0	0	%100
116	M124	Z	0	0	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	5.71	5.71	0	%100
120	M133	Z	-9.889	-9.889	0	%100
121	M134	X	5.71	5.71	0	%100
122	M134	Z	-9.889	-9.889	0	%100
123	M139	X	.881	.881	0	%100
124	M139	Z	-1.526	-1.526	0	%100
125	M140	X	.881	.881	0	%100
126	M140	Z	-1.526	-1.526	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,%]
127	MP3B	X	4.808	4.808	0	%100
128	MP3B	Z	-8.328	-8.328	0	%100
129	M148	X	.881	.881	0	%100
130	M148	Z	-1.526	-1.526	0	%100
131	M149	X	.881	.881	0	%100
132	M149	Z	-1.526	-1.526	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.017	3.017	0	%100
2	M1	Z	-1.742	-1.742	0	%100
3	M4	X	9.35	9.35	0	%100
4	M4	Z	-5.398	-5.398	0	%100
5	M10	X	2.637	2.637	0	%100
6	M10	Z	-1.523	-1.523	0	%100
7	M43	X	2.637	2.637	0	%100
8	M43	Z	-1.523	-1.523	0	%100
9	M46	X	5.26	5.26	0	%100
10	M46	Z	-3.037	-3.037	0	%100
11	M51B	X	2.921	2.921	0	%100
12	M51B	Z	-1.686	-1.686	0	%100
13	M52B	X	11.683	11.683	0	%100
14	M52B	Z	-6.745	-6.745	0	%100
15	M76	X	15.78	15.78	0	%100
16	M76	Z	-9.111	-9.111	0	%100
17	M77	X	5.357	5.357	0	%100
18	M77	Z	-3.093	-3.093	0	%100
19	M80	X	5.643	5.643	0	%100
20	M80	Z	-3.258	-3.258	0	%100
21	M84	X	15.78	15.78	0	%100
22	M84	Z	-9.111	-9.111	0	%100
23	M85	X	21.43	21.43	0	%100
24	M85	Z	-12.373	-12.373	0	%100
25	M91	X	22.572	22.572	0	%100
26	M91	Z	-13.032	-13.032	0	%100
27	M52A	X	9.35	9.35	0	%100
28	M52A	Z	-5.398	-5.398	0	%100
29	M53	X	2.637	2.637	0	%100
30	M53	Z	-1.523	-1.523	0	%100
31	M54	X	2.637	2.637	0	%100
32	M54	Z	-1.523	-1.523	0	%100
33	M55	X	5.26	5.26	0	%100
34	M55	Z	-3.037	-3.037	0	%100
35	M58A	X	11.683	11.683	0	%100
36	M58A	Z	-6.745	-6.745	0	%100
37	M59A	X	2.921	2.921	0	%100
38	M59A	Z	-1.686	-1.686	0	%100
39	M63	X	15.78	15.78	0	%100
40	M63	Z	-9.111	-9.111	0	%100
41	M64	X	21.43	21.43	0	%100
42	M64	Z	-12.373	-12.373	0	%100
43	M66	X	22.572	22.572	0	%100
44	M66	Z	-13.032	-13.032	0	%100
45	M68	X	15.78	15.78	0	%100
46	M68	Z	-9.111	-9.111	0	%100
47	M69	X	5.357	5.357	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,%]
48	M69	Z	-3.093	-3.093	0	%100
49	M71	X	5.643	5.643	0	%100
50	M71	Z	-3.258	-3.258	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	10.549	10.549	0	%100
54	M77A	Z	-6.09	-6.09	0	%100
55	M78	X	10.549	10.549	0	%100
56	M78	Z	-6.09	-6.09	0	%100
57	M79A	X	21.04	21.04	0	%100
58	M79A	Z	-12.148	-12.148	0	%100
59	M82	X	2.921	2.921	0	%100
60	M82	Z	-1.686	-1.686	0	%100
61	M83A	X	2.921	2.921	0	%100
62	M83A	Z	-1.686	-1.686	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	5.357	5.357	0	%100
66	M88A	Z	-3.093	-3.093	0	%100
67	M90	X	5.643	5.643	0	%100
68	M90	Z	-3.258	-3.258	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	5.357	5.357	0	%100
72	M93	Z	-3.093	-3.093	0	%100
73	M95	X	5.643	5.643	0	%100
74	M95	Z	-3.258	-3.258	0	%100
75	M82A	X	3.017	3.017	0	%100
76	M82A	Z	-1.742	-1.742	0	%100
77	M91B	X	12.066	12.066	0	%100
78	M91B	Z	-6.966	-6.966	0	%100
79	MP5A	X	8.328	8.328	0	%100
80	MP5A	Z	-4.808	-4.808	0	%100
81	MP4A	X	8.328	8.328	0	%100
82	MP4A	Z	-4.808	-4.808	0	%100
83	MP3A	X	8.328	8.328	0	%100
84	MP3A	Z	-4.808	-4.808	0	%100
85	MP2A	X	10.082	10.082	0	%100
86	MP2A	Z	-5.821	-5.821	0	%100
87	MP1A	X	10.082	10.082	0	%100
88	MP1A	Z	-5.821	-5.821	0	%100
89	MP5C	X	8.328	8.328	0	%100
90	MP5C	Z	-4.808	-4.808	0	%100
91	MP4C	X	8.328	8.328	0	%100
92	MP4C	Z	-4.808	-4.808	0	%100
93	MP3C	X	8.328	8.328	0	%100
94	MP3C	Z	-4.808	-4.808	0	%100
95	MP2C	X	10.082	10.082	0	%100
96	MP2C	Z	-5.821	-5.821	0	%100
97	MP1C	X	10.082	10.082	0	%100
98	MP1C	Z	-5.821	-5.821	0	%100
99	MP5B	X	8.328	8.328	0	%100
100	MP5B	Z	-4.808	-4.808	0	%100
101	MP4B	X	8.328	8.328	0	%100
102	MP4B	Z	-4.808	-4.808	0	%100
103	3	X	8.328	8.328	0	%100
104	3	Z	-4.808	-4.808	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,%]
105	MP2B	X	10.082	10.082	0	%100
106	MP2B	Z	-5.821	-5.821	0	%100
107	MP1B	X	10.082	10.082	0	%100
108	MP1B	Z	-5.821	-5.821	0	%100
109	OVP	X	6.81	6.81	0	%100
110	OVP	Z	-3.932	-3.932	0	%100
111	M108	X	2.52	2.52	0	%100
112	M108	Z	-1.455	-1.455	0	%100
113	M116	X	10.082	10.082	0	%100
114	M116	Z	-5.821	-5.821	0	%100
115	M124	X	2.52	2.52	0	%100
116	M124	Z	-1.455	-1.455	0	%100
117	M132	X	3.296	3.296	0	%100
118	M132	Z	-1.903	-1.903	0	%100
119	M133	X	13.186	13.186	0	%100
120	M133	Z	-7.613	-7.613	0	%100
121	M134	X	3.296	3.296	0	%100
122	M134	Z	-1.903	-1.903	0	%100
123	M139	X	1.145	1.145	0	%100
124	M139	Z	-.661	-.661	0	%100
125	M140	X	1.145	1.145	0	%100
126	M140	Z	-.661	-.661	0	%100
127	MP3B	X	8.328	8.328	0	%100
128	MP3B	Z	-4.808	-4.808	0	%100
129	M148	X	1.145	1.145	0	%100
130	M148	Z	-.661	-.661	0	%100
131	M149	X	1.145	1.145	0	%100
132	M149	Z	-.661	-.661	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	10.449	10.449	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	3.599	3.599	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	9.135	9.135	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	9.135	9.135	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	18.221	18.221	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	10.118	10.118	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	6.074	6.074	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	6.074	6.074	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	18.559	18.559	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	19.548	19.548	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,%]
26	M91	Z	0	0	0	%100
27	M52A	X	14.395	14.395	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	10.118	10.118	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	10.118	10.118	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	24.295	24.295	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	18.559	18.559	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	19.548	19.548	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	24.295	24.295	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	18.559	18.559	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	19.548	19.548	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	3.599	3.599	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	9.135	9.135	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	9.135	9.135	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	18.221	18.221	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	10.118	10.118	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	6.074	6.074	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	18.559	18.559	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	19.548	19.548	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	6.074	6.074	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	10.449	10.449	0	%100
78	M91B	Z	0	0	0	%100
79	MP5A	X	9.617	9.617	0	%100
80	MP5A	Z	0	0	0	%100
81	MP4A	X	9.617	9.617	0	%100
82	MP4A	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,%]
83	MP3A	X	9.617	9.617	0	%100
84	MP3A	Z	0	0	0	%100
85	MP2A	X	11.641	11.641	0	%100
86	MP2A	Z	0	0	0	%100
87	MP1A	X	11.641	11.641	0	%100
88	MP1A	Z	0	0	0	%100
89	MP5C	X	9.617	9.617	0	%100
90	MP5C	Z	0	0	0	%100
91	MP4C	X	9.617	9.617	0	%100
92	MP4C	Z	0	0	0	%100
93	MP3C	X	9.617	9.617	0	%100
94	MP3C	Z	0	0	0	%100
95	MP2C	X	11.641	11.641	0	%100
96	MP2C	Z	0	0	0	%100
97	MP1C	X	11.641	11.641	0	%100
98	MP1C	Z	0	0	0	%100
99	MP5B	X	9.617	9.617	0	%100
100	MP5B	Z	0	0	0	%100
101	MP4B	X	9.617	9.617	0	%100
102	MP4B	Z	0	0	0	%100
103	3	X	9.617	9.617	0	%100
104	3	Z	0	0	0	%100
105	MP2B	X	11.641	11.641	0	%100
106	MP2B	Z	0	0	0	%100
107	MP1B	X	11.641	11.641	0	%100
108	MP1B	Z	0	0	0	%100
109	OVP	X	7.864	7.864	0	%100
110	OVP	Z	0	0	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M116	X	8.731	8.731	0	%100
114	M116	Z	0	0	0	%100
115	M124	X	8.731	8.731	0	%100
116	M124	Z	0	0	0	%100
117	M132	X	11.419	11.419	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	11.419	11.419	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	0	0	0	%100
123	M139	X	.441	.441	0	%100
124	M139	Z	0	0	0	%100
125	M140	X	.441	.441	0	%100
126	M140	Z	0	0	0	%100
127	MP3B	X	9.617	9.617	0	%100
128	MP3B	Z	0	0	0	%100
129	M148	X	.441	.441	0	%100
130	M148	Z	0	0	0	%100
131	M149	X	.441	.441	0	%100
132	M149	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	12.066	12.066	0	%100
2	M1	Z	6.966	6.966	0	%100
3	M4	X	0	0	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,%]
4	M4	Z	0	0	0	%100
5	M10	X	10.549	10.549	0	%100
6	M10	Z	6.09	6.09	0	%100
7	M43	X	10.549	10.549	0	%100
8	M43	Z	6.09	6.09	0	%100
9	M46	X	21.04	21.04	0	%100
10	M46	Z	12.148	12.148	0	%100
11	M51B	X	2.921	2.921	0	%100
12	M51B	Z	1.686	1.686	0	%100
13	M52B	X	2.921	2.921	0	%100
14	M52B	Z	1.686	1.686	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	5.357	5.357	0	%100
18	M77	Z	3.093	3.093	0	%100
19	M80	X	5.643	5.643	0	%100
20	M80	Z	3.258	3.258	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	5.357	5.357	0	%100
24	M85	Z	3.093	3.093	0	%100
25	M91	X	5.643	5.643	0	%100
26	M91	Z	3.258	3.258	0	%100
27	M52A	X	9.35	9.35	0	%100
28	M52A	Z	5.398	5.398	0	%100
29	M53	X	2.637	2.637	0	%100
30	M53	Z	1.523	1.523	0	%100
31	M54	X	2.637	2.637	0	%100
32	M54	Z	1.523	1.523	0	%100
33	M55	X	5.26	5.26	0	%100
34	M55	Z	3.037	3.037	0	%100
35	M58A	X	2.921	2.921	0	%100
36	M58A	Z	1.686	1.686	0	%100
37	M59A	X	11.683	11.683	0	%100
38	M59A	Z	6.745	6.745	0	%100
39	M63	X	15.78	15.78	0	%100
40	M63	Z	9.111	9.111	0	%100
41	M64	X	5.357	5.357	0	%100
42	M64	Z	3.093	3.093	0	%100
43	M66	X	5.643	5.643	0	%100
44	M66	Z	3.258	3.258	0	%100
45	M68	X	15.78	15.78	0	%100
46	M68	Z	9.111	9.111	0	%100
47	M69	X	21.43	21.43	0	%100
48	M69	Z	12.373	12.373	0	%100
49	M71	X	22.572	22.572	0	%100
50	M71	Z	13.032	13.032	0	%100
51	M76A	X	9.35	9.35	0	%100
52	M76A	Z	5.398	5.398	0	%100
53	M77A	X	2.637	2.637	0	%100
54	M77A	Z	1.523	1.523	0	%100
55	M78	X	2.637	2.637	0	%100
56	M78	Z	1.523	1.523	0	%100
57	M79A	X	5.26	5.26	0	%100
58	M79A	Z	3.037	3.037	0	%100
59	M82	X	11.683	11.683	0	%100
60	M82	Z	6.745	6.745	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,%]
61	M83A	X	2.921	2.921	0	%100
62	M83A	Z	1.686	1.686	0	%100
63	M87	X	15.78	15.78	0	%100
64	M87	Z	9.111	9.111	0	%100
65	M88A	X	21.43	21.43	0	%100
66	M88A	Z	12.373	12.373	0	%100
67	M90	X	22.572	22.572	0	%100
68	M90	Z	13.032	13.032	0	%100
69	M92A	X	15.78	15.78	0	%100
70	M92A	Z	9.111	9.111	0	%100
71	M93	X	5.357	5.357	0	%100
72	M93	Z	3.093	3.093	0	%100
73	M95	X	5.643	5.643	0	%100
74	M95	Z	3.258	3.258	0	%100
75	M82A	X	3.017	3.017	0	%100
76	M82A	Z	1.742	1.742	0	%100
77	M91B	X	3.017	3.017	0	%100
78	M91B	Z	1.742	1.742	0	%100
79	MP5A	X	8.328	8.328	0	%100
80	MP5A	Z	4.808	4.808	0	%100
81	MP4A	X	8.328	8.328	0	%100
82	MP4A	Z	4.808	4.808	0	%100
83	MP3A	X	8.328	8.328	0	%100
84	MP3A	Z	4.808	4.808	0	%100
85	MP2A	X	10.082	10.082	0	%100
86	MP2A	Z	5.821	5.821	0	%100
87	MP1A	X	10.082	10.082	0	%100
88	MP1A	Z	5.821	5.821	0	%100
89	MP5C	X	8.328	8.328	0	%100
90	MP5C	Z	4.808	4.808	0	%100
91	MP4C	X	8.328	8.328	0	%100
92	MP4C	Z	4.808	4.808	0	%100
93	MP3C	X	8.328	8.328	0	%100
94	MP3C	Z	4.808	4.808	0	%100
95	MP2C	X	10.082	10.082	0	%100
96	MP2C	Z	5.821	5.821	0	%100
97	MP1C	X	10.082	10.082	0	%100
98	MP1C	Z	5.821	5.821	0	%100
99	MP5B	X	8.328	8.328	0	%100
100	MP5B	Z	4.808	4.808	0	%100
101	MP4B	X	8.328	8.328	0	%100
102	MP4B	Z	4.808	4.808	0	%100
103	3	X	8.328	8.328	0	%100
104	3	Z	4.808	4.808	0	%100
105	MP2B	X	10.082	10.082	0	%100
106	MP2B	Z	5.821	5.821	0	%100
107	MP1B	X	10.082	10.082	0	%100
108	MP1B	Z	5.821	5.821	0	%100
109	OVP	X	6.81	6.81	0	%100
110	OVP	Z	3.932	3.932	0	%100
111	M108	X	2.52	2.52	0	%100
112	M108	Z	1.455	1.455	0	%100
113	M116	X	2.52	2.52	0	%100
114	M116	Z	1.455	1.455	0	%100
115	M124	X	10.082	10.082	0	%100
116	M124	Z	5.821	5.821	0	%100
117	M132	X	13.186	13.186	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,%]
118	M132	Z	7.613	7.613	0	%100
119	M133	X	3.296	3.296	0	%100
120	M133	Z	1.903	1.903	0	%100
121	M134	X	3.296	3.296	0	%100
122	M134	Z	1.903	1.903	0	%100
123	M139	X	0	0	0	%100
124	M139	Z	0	0	0	%100
125	M140	X	0	0	0	%100
126	M140	Z	0	0	0	%100
127	MP3B	X	8.328	8.328	0	%100
128	MP3B	Z	4.808	4.808	0	%100
129	M148	X	0	0	0	%100
130	M148	Z	0	0	0	%100
131	M149	X	0	0	0	%100
132	M149	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	5.225	5.225	0	%100
2	M1	Z	9.05	9.05	0	%100
3	M4	X	1.799	1.799	0	%100
4	M4	Z	3.117	3.117	0	%100
5	M10	X	4.568	4.568	0	%100
6	M10	Z	7.911	7.911	0	%100
7	M43	X	4.568	4.568	0	%100
8	M43	Z	7.911	7.911	0	%100
9	M46	X	9.111	9.111	0	%100
10	M46	Z	15.78	15.78	0	%100
11	M51B	X	5.059	5.059	0	%100
12	M51B	Z	8.762	8.762	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	3.037	3.037	0	%100
16	M76	Z	5.26	5.26	0	%100
17	M77	X	9.279	9.279	0	%100
18	M77	Z	16.072	16.072	0	%100
19	M80	X	9.774	9.774	0	%100
20	M80	Z	16.929	16.929	0	%100
21	M84	X	3.037	3.037	0	%100
22	M84	Z	5.26	5.26	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	1.799	1.799	0	%100
28	M52A	Z	3.117	3.117	0	%100
29	M53	X	4.568	4.568	0	%100
30	M53	Z	7.911	7.911	0	%100
31	M54	X	4.568	4.568	0	%100
32	M54	Z	7.911	7.911	0	%100
33	M55	X	9.111	9.111	0	%100
34	M55	Z	15.78	15.78	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	5.059	5.059	0	%100
38	M59A	Z	8.762	8.762	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,%]
39	M63	X	3.037	3.037	0	%100
40	M63	Z	5.26	5.26	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	3.037	3.037	0	%100
46	M68	Z	5.26	5.26	0	%100
47	M69	X	9.279	9.279	0	%100
48	M69	Z	16.072	16.072	0	%100
49	M71	X	9.774	9.774	0	%100
50	M71	Z	16.929	16.929	0	%100
51	M76A	X	7.197	7.197	0	%100
52	M76A	Z	12.466	12.466	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	5.059	5.059	0	%100
60	M82	Z	8.762	8.762	0	%100
61	M83A	X	5.059	5.059	0	%100
62	M83A	Z	8.762	8.762	0	%100
63	M87	X	12.148	12.148	0	%100
64	M87	Z	21.04	21.04	0	%100
65	M88A	X	9.279	9.279	0	%100
66	M88A	Z	16.072	16.072	0	%100
67	M90	X	9.774	9.774	0	%100
68	M90	Z	16.929	16.929	0	%100
69	M92A	X	12.148	12.148	0	%100
70	M92A	Z	21.04	21.04	0	%100
71	M93	X	9.279	9.279	0	%100
72	M93	Z	16.072	16.072	0	%100
73	M95	X	9.774	9.774	0	%100
74	M95	Z	16.929	16.929	0	%100
75	M82A	X	5.225	5.225	0	%100
76	M82A	Z	9.05	9.05	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	0	0	0	%100
79	MP5A	X	4.808	4.808	0	%100
80	MP5A	Z	8.328	8.328	0	%100
81	MP4A	X	4.808	4.808	0	%100
82	MP4A	Z	8.328	8.328	0	%100
83	MP3A	X	4.808	4.808	0	%100
84	MP3A	Z	8.328	8.328	0	%100
85	MP2A	X	5.821	5.821	0	%100
86	MP2A	Z	10.082	10.082	0	%100
87	MP1A	X	5.821	5.821	0	%100
88	MP1A	Z	10.082	10.082	0	%100
89	MP5C	X	4.808	4.808	0	%100
90	MP5C	Z	8.328	8.328	0	%100
91	MP4C	X	4.808	4.808	0	%100
92	MP4C	Z	8.328	8.328	0	%100
93	MP3C	X	4.808	4.808	0	%100
94	MP3C	Z	8.328	8.328	0	%100
95	MP2C	X	5.821	5.821	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,%]
96	MP2C	Z	10.082	10.082	0	%100
97	MP1C	X	5.821	5.821	0	%100
98	MP1C	Z	10.082	10.082	0	%100
99	MP5B	X	4.808	4.808	0	%100
100	MP5B	Z	8.328	8.328	0	%100
101	MP4B	X	4.808	4.808	0	%100
102	MP4B	Z	8.328	8.328	0	%100
103	3	X	4.808	4.808	0	%100
104	3	Z	8.328	8.328	0	%100
105	MP2B	X	5.821	5.821	0	%100
106	MP2B	Z	10.082	10.082	0	%100
107	MP1B	X	5.821	5.821	0	%100
108	MP1B	Z	10.082	10.082	0	%100
109	OVP	X	3.932	3.932	0	%100
110	OVP	Z	6.81	6.81	0	%100
111	M108	X	4.366	4.366	0	%100
112	M108	Z	7.561	7.561	0	%100
113	M116	X	0	0	0	%100
114	M116	Z	0	0	0	%100
115	M124	X	4.366	4.366	0	%100
116	M124	Z	7.561	7.561	0	%100
117	M132	X	5.71	5.71	0	%100
118	M132	Z	9.889	9.889	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	5.71	5.71	0	%100
122	M134	Z	9.889	9.889	0	%100
123	M139	X	.22	.22	0	%100
124	M139	Z	.382	.382	0	%100
125	M140	X	.22	.22	0	%100
126	M140	Z	.382	.382	0	%100
127	MP3B	X	4.808	4.808	0	%100
128	MP3B	Z	8.328	8.328	0	%100
129	M148	X	.22	.22	0	%100
130	M148	Z	.382	.382	0	%100
131	M149	X	.22	.22	0	%100
132	M149	Z	.382	.382	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	3.483	3.483	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	10.796	10.796	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	3.045	3.045	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	3.045	3.045	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	6.074	6.074	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	13.491	13.491	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	3.373	3.373	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	18.221	18.221	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,%]
17	M77	X	0	0	0	%100
18	M77	Z	24.745	24.745	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	26.063	26.063	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	18.221	18.221	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	6.186	6.186	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	6.516	6.516	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	12.18	12.18	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	12.18	12.18	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	24.295	24.295	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	3.373	3.373	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	3.373	3.373	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	6.186	6.186	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	6.516	6.516	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	6.186	6.186	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	6.516	6.516	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	10.796	10.796	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	3.045	3.045	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	3.045	3.045	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	6.074	6.074	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	3.373	3.373	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	13.491	13.491	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	18.221	18.221	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	6.186	6.186	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	6.516	6.516	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	18.221	18.221	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	24.745	24.745	0	%100
73	M95	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,%]
74	M95	Z	26.063	26.063	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	13.933	13.933	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	3.483	3.483	0	%100
79	MP5A	X	0	0	0	%100
80	MP5A	Z	9.617	9.617	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	9.617	9.617	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	9.617	9.617	0	%100
85	MP2A	X	0	0	0	%100
86	MP2A	Z	11.641	11.641	0	%100
87	MP1A	X	0	0	0	%100
88	MP1A	Z	11.641	11.641	0	%100
89	MP5C	X	0	0	0	%100
90	MP5C	Z	9.617	9.617	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	9.617	9.617	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	9.617	9.617	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	11.641	11.641	0	%100
97	MP1C	X	0	0	0	%100
98	MP1C	Z	11.641	11.641	0	%100
99	MP5B	X	0	0	0	%100
100	MP5B	Z	9.617	9.617	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	9.617	9.617	0	%100
103	3	X	0	0	0	%100
104	3	Z	9.617	9.617	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	11.641	11.641	0	%100
107	MP1B	X	0	0	0	%100
108	MP1B	Z	11.641	11.641	0	%100
109	OVP	X	0	0	0	%100
110	OVP	Z	7.864	7.864	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	11.641	11.641	0	%100
113	M116	X	0	0	0	%100
114	M116	Z	2.91	2.91	0	%100
115	M124	X	0	0	0	%100
116	M124	Z	2.91	2.91	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	3.806	3.806	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	3.806	3.806	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	15.226	15.226	0	%100
123	M139	X	0	0	0	%100
124	M139	Z	1.322	1.322	0	%100
125	M140	X	0	0	0	%100
126	M140	Z	1.322	1.322	0	%100
127	MP3B	X	0	0	0	%100
128	MP3B	Z	9.617	9.617	0	%100
129	M148	X	0	0	0	%100
130	M148	Z	1.322	1.322	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,%]
131	M149	X	0	0	0	%100
132	M149	Z	1.322	1.322	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-7.197	-7.197	0	%100
4	M4	Z	12.466	12.466	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-5.059	-5.059	0	%100
12	M51B	Z	8.762	8.762	0	%100
13	M52B	X	-5.059	-5.059	0	%100
14	M52B	Z	8.762	8.762	0	%100
15	M76	X	-12.148	-12.148	0	%100
16	M76	Z	21.04	21.04	0	%100
17	M77	X	-9.279	-9.279	0	%100
18	M77	Z	16.072	16.072	0	%100
19	M80	X	-9.774	-9.774	0	%100
20	M80	Z	16.929	16.929	0	%100
21	M84	X	-12.148	-12.148	0	%100
22	M84	Z	21.04	21.04	0	%100
23	M85	X	-9.279	-9.279	0	%100
24	M85	Z	16.072	16.072	0	%100
25	M91	X	-9.774	-9.774	0	%100
26	M91	Z	16.929	16.929	0	%100
27	M52A	X	-1.799	-1.799	0	%100
28	M52A	Z	3.117	3.117	0	%100
29	M53	X	-4.568	-4.568	0	%100
30	M53	Z	7.911	7.911	0	%100
31	M54	X	-4.568	-4.568	0	%100
32	M54	Z	7.911	7.911	0	%100
33	M55	X	-9.111	-9.111	0	%100
34	M55	Z	15.78	15.78	0	%100
35	M58A	X	-5.059	-5.059	0	%100
36	M58A	Z	8.762	8.762	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	-3.037	-3.037	0	%100
40	M63	Z	5.26	5.26	0	%100
41	M64	X	-9.279	-9.279	0	%100
42	M64	Z	16.072	16.072	0	%100
43	M66	X	-9.774	-9.774	0	%100
44	M66	Z	16.929	16.929	0	%100
45	M68	X	-3.037	-3.037	0	%100
46	M68	Z	5.26	5.26	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	-1.799	-1.799	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,%]
52	M76A	Z	3.117	3.117	0	%100
53	M77A	X	-4.568	-4.568	0	%100
54	M77A	Z	7.911	7.911	0	%100
55	M78	X	-4.568	-4.568	0	%100
56	M78	Z	7.911	7.911	0	%100
57	M79A	X	-9.111	-9.111	0	%100
58	M79A	Z	15.78	15.78	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	-5.059	-5.059	0	%100
62	M83A	Z	8.762	8.762	0	%100
63	M87	X	-3.037	-3.037	0	%100
64	M87	Z	5.26	5.26	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	-3.037	-3.037	0	%100
70	M92A	Z	5.26	5.26	0	%100
71	M93	X	-9.279	-9.279	0	%100
72	M93	Z	16.072	16.072	0	%100
73	M95	X	-9.774	-9.774	0	%100
74	M95	Z	16.929	16.929	0	%100
75	M82A	X	-5.225	-5.225	0	%100
76	M82A	Z	9.05	9.05	0	%100
77	M91B	X	-5.225	-5.225	0	%100
78	M91B	Z	9.05	9.05	0	%100
79	MP5A	X	-4.808	-4.808	0	%100
80	MP5A	Z	8.328	8.328	0	%100
81	MP4A	X	-4.808	-4.808	0	%100
82	MP4A	Z	8.328	8.328	0	%100
83	MP3A	X	-4.808	-4.808	0	%100
84	MP3A	Z	8.328	8.328	0	%100
85	MP2A	X	-5.821	-5.821	0	%100
86	MP2A	Z	10.082	10.082	0	%100
87	MP1A	X	-5.821	-5.821	0	%100
88	MP1A	Z	10.082	10.082	0	%100
89	MP5C	X	-4.808	-4.808	0	%100
90	MP5C	Z	8.328	8.328	0	%100
91	MP4C	X	-4.808	-4.808	0	%100
92	MP4C	Z	8.328	8.328	0	%100
93	MP3C	X	-4.808	-4.808	0	%100
94	MP3C	Z	8.328	8.328	0	%100
95	MP2C	X	-5.821	-5.821	0	%100
96	MP2C	Z	10.082	10.082	0	%100
97	MP1C	X	-5.821	-5.821	0	%100
98	MP1C	Z	10.082	10.082	0	%100
99	MP5B	X	-4.808	-4.808	0	%100
100	MP5B	Z	8.328	8.328	0	%100
101	MP4B	X	-4.808	-4.808	0	%100
102	MP4B	Z	8.328	8.328	0	%100
103	3	X	-4.808	-4.808	0	%100
104	3	Z	8.328	8.328	0	%100
105	MP2B	X	-5.821	-5.821	0	%100
106	MP2B	Z	10.082	10.082	0	%100
107	MP1B	X	-5.821	-5.821	0	%100
108	MP1B	Z	10.082	10.082	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,%]
109	OVP	X	-3.932	-3.932	0	%100
110	OVP	Z	6.81	6.81	0	%100
111	M108	X	-4.366	-4.366	0	%100
112	M108	Z	7.561	7.561	0	%100
113	M116	X	-4.366	-4.366	0	%100
114	M116	Z	7.561	7.561	0	%100
115	M124	X	0	0	0	%100
116	M124	Z	0	0	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-5.71	-5.71	0	%100
120	M133	Z	9.889	9.889	0	%100
121	M134	X	-5.71	-5.71	0	%100
122	M134	Z	9.889	9.889	0	%100
123	M139	X	-.881	-.881	0	%100
124	M139	Z	1.526	1.526	0	%100
125	M140	X	-.881	-.881	0	%100
126	M140	Z	1.526	1.526	0	%100
127	MP3B	X	-4.808	-4.808	0	%100
128	MP3B	Z	8.328	8.328	0	%100
129	M148	X	-.881	-.881	0	%100
130	M148	Z	1.526	1.526	0	%100
131	M149	X	-.881	-.881	0	%100
132	M149	Z	1.526	1.526	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.017	-3.017	0	%100
2	M1	Z	1.742	1.742	0	%100
3	M4	X	-9.35	-9.35	0	%100
4	M4	Z	5.398	5.398	0	%100
5	M10	X	-2.637	-2.637	0	%100
6	M10	Z	1.523	1.523	0	%100
7	M43	X	-2.637	-2.637	0	%100
8	M43	Z	1.523	1.523	0	%100
9	M46	X	-5.26	-5.26	0	%100
10	M46	Z	3.037	3.037	0	%100
11	M51B	X	-2.921	-2.921	0	%100
12	M51B	Z	1.686	1.686	0	%100
13	M52B	X	-11.683	-11.683	0	%100
14	M52B	Z	6.745	6.745	0	%100
15	M76	X	-15.78	-15.78	0	%100
16	M76	Z	9.111	9.111	0	%100
17	M77	X	-5.357	-5.357	0	%100
18	M77	Z	3.093	3.093	0	%100
19	M80	X	-5.643	-5.643	0	%100
20	M80	Z	3.258	3.258	0	%100
21	M84	X	-15.78	-15.78	0	%100
22	M84	Z	9.111	9.111	0	%100
23	M85	X	-21.43	-21.43	0	%100
24	M85	Z	12.373	12.373	0	%100
25	M91	X	-22.572	-22.572	0	%100
26	M91	Z	13.032	13.032	0	%100
27	M52A	X	-9.35	-9.35	0	%100
28	M52A	Z	5.398	5.398	0	%100
29	M53	X	-2.637	-2.637	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,%]
30	M53	Z	1.523	1.523	0	%100
31	M54	X	-2.637	-2.637	0	%100
32	M54	Z	1.523	1.523	0	%100
33	M55	X	-5.26	-5.26	0	%100
34	M55	Z	3.037	3.037	0	%100
35	M58A	X	-11.683	-11.683	0	%100
36	M58A	Z	6.745	6.745	0	%100
37	M59A	X	-2.921	-2.921	0	%100
38	M59A	Z	1.686	1.686	0	%100
39	M63	X	-15.78	-15.78	0	%100
40	M63	Z	9.111	9.111	0	%100
41	M64	X	-21.43	-21.43	0	%100
42	M64	Z	12.373	12.373	0	%100
43	M66	X	-22.572	-22.572	0	%100
44	M66	Z	13.032	13.032	0	%100
45	M68	X	-15.78	-15.78	0	%100
46	M68	Z	9.111	9.111	0	%100
47	M69	X	-5.357	-5.357	0	%100
48	M69	Z	3.093	3.093	0	%100
49	M71	X	-5.643	-5.643	0	%100
50	M71	Z	3.258	3.258	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	-10.549	-10.549	0	%100
54	M77A	Z	6.09	6.09	0	%100
55	M78	X	-10.549	-10.549	0	%100
56	M78	Z	6.09	6.09	0	%100
57	M79A	X	-21.04	-21.04	0	%100
58	M79A	Z	12.148	12.148	0	%100
59	M82	X	-2.921	-2.921	0	%100
60	M82	Z	1.686	1.686	0	%100
61	M83A	X	-2.921	-2.921	0	%100
62	M83A	Z	1.686	1.686	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	-5.357	-5.357	0	%100
66	M88A	Z	3.093	3.093	0	%100
67	M90	X	-5.643	-5.643	0	%100
68	M90	Z	3.258	3.258	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	-5.357	-5.357	0	%100
72	M93	Z	3.093	3.093	0	%100
73	M95	X	-5.643	-5.643	0	%100
74	M95	Z	3.258	3.258	0	%100
75	M82A	X	-3.017	-3.017	0	%100
76	M82A	Z	1.742	1.742	0	%100
77	M91B	X	-12.066	-12.066	0	%100
78	M91B	Z	6.966	6.966	0	%100
79	MP5A	X	-8.328	-8.328	0	%100
80	MP5A	Z	4.808	4.808	0	%100
81	MP4A	X	-8.328	-8.328	0	%100
82	MP4A	Z	4.808	4.808	0	%100
83	MP3A	X	-8.328	-8.328	0	%100
84	MP3A	Z	4.808	4.808	0	%100
85	MP2A	X	-10.082	-10.082	0	%100
86	MP2A	Z	5.821	5.821	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,%]
87	MP1A	X	-10.082	-10.082	0	%100
88	MP1A	Z	5.821	5.821	0	%100
89	MP5C	X	-8.328	-8.328	0	%100
90	MP5C	Z	4.808	4.808	0	%100
91	MP4C	X	-8.328	-8.328	0	%100
92	MP4C	Z	4.808	4.808	0	%100
93	MP3C	X	-8.328	-8.328	0	%100
94	MP3C	Z	4.808	4.808	0	%100
95	MP2C	X	-10.082	-10.082	0	%100
96	MP2C	Z	5.821	5.821	0	%100
97	MP1C	X	-10.082	-10.082	0	%100
98	MP1C	Z	5.821	5.821	0	%100
99	MP5B	X	-8.328	-8.328	0	%100
100	MP5B	Z	4.808	4.808	0	%100
101	MP4B	X	-8.328	-8.328	0	%100
102	MP4B	Z	4.808	4.808	0	%100
103	3	X	-8.328	-8.328	0	%100
104	3	Z	4.808	4.808	0	%100
105	MP2B	X	-10.082	-10.082	0	%100
106	MP2B	Z	5.821	5.821	0	%100
107	MP1B	X	-10.082	-10.082	0	%100
108	MP1B	Z	5.821	5.821	0	%100
109	OVP	X	-6.81	-6.81	0	%100
110	OVP	Z	3.932	3.932	0	%100
111	M108	X	-2.52	-2.52	0	%100
112	M108	Z	1.455	1.455	0	%100
113	M116	X	-10.082	-10.082	0	%100
114	M116	Z	5.821	5.821	0	%100
115	M124	X	-2.52	-2.52	0	%100
116	M124	Z	1.455	1.455	0	%100
117	M132	X	-3.296	-3.296	0	%100
118	M132	Z	1.903	1.903	0	%100
119	M133	X	-13.186	-13.186	0	%100
120	M133	Z	7.613	7.613	0	%100
121	M134	X	-3.296	-3.296	0	%100
122	M134	Z	1.903	1.903	0	%100
123	M139	X	-1.145	-1.145	0	%100
124	M139	Z	.661	.661	0	%100
125	M140	X	-1.145	-1.145	0	%100
126	M140	Z	.661	.661	0	%100
127	MP3B	X	-8.328	-8.328	0	%100
128	MP3B	Z	4.808	4.808	0	%100
129	M148	X	-1.145	-1.145	0	%100
130	M148	Z	.661	.661	0	%100
131	M149	X	-1.145	-1.145	0	%100
132	M149	Z	.661	.661	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-10.449	-10.449	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-3.599	-3.599	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	-9.135	-9.135	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	-9.135	-9.135	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,%]
8	M43	Z	0	0	0	%100
9	M46	X	-18.221	-18.221	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-10.118	-10.118	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-6.074	-6.074	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-6.074	-6.074	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-18.559	-18.559	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-19.548	-19.548	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	-14.395	-14.395	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	-10.118	-10.118	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	-10.118	-10.118	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	-24.295	-24.295	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	-18.559	-18.559	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	-19.548	-19.548	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	-24.295	-24.295	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	-18.559	-18.559	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	-19.548	-19.548	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	-3.599	-3.599	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	-9.135	-9.135	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	-9.135	-9.135	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	-18.221	-18.221	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	-10.118	-10.118	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	-6.074	-6.074	0	%100
64	M87	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,%]
65	M88A	X	-18.559	-18.559	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	-19.548	-19.548	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	-6.074	-6.074	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	-10.449	-10.449	0	%100
78	M91B	Z	0	0	0	%100
79	MP5A	X	-9.617	-9.617	0	%100
80	MP5A	Z	0	0	0	%100
81	MP4A	X	-9.617	-9.617	0	%100
82	MP4A	Z	0	0	0	%100
83	MP3A	X	-9.617	-9.617	0	%100
84	MP3A	Z	0	0	0	%100
85	MP2A	X	-11.641	-11.641	0	%100
86	MP2A	Z	0	0	0	%100
87	MP1A	X	-11.641	-11.641	0	%100
88	MP1A	Z	0	0	0	%100
89	MP5C	X	-9.617	-9.617	0	%100
90	MP5C	Z	0	0	0	%100
91	MP4C	X	-9.617	-9.617	0	%100
92	MP4C	Z	0	0	0	%100
93	MP3C	X	-9.617	-9.617	0	%100
94	MP3C	Z	0	0	0	%100
95	MP2C	X	-11.641	-11.641	0	%100
96	MP2C	Z	0	0	0	%100
97	MP1C	X	-11.641	-11.641	0	%100
98	MP1C	Z	0	0	0	%100
99	MP5B	X	-9.617	-9.617	0	%100
100	MP5B	Z	0	0	0	%100
101	MP4B	X	-9.617	-9.617	0	%100
102	MP4B	Z	0	0	0	%100
103	3	X	-9.617	-9.617	0	%100
104	3	Z	0	0	0	%100
105	MP2B	X	-11.641	-11.641	0	%100
106	MP2B	Z	0	0	0	%100
107	MP1B	X	-11.641	-11.641	0	%100
108	MP1B	Z	0	0	0	%100
109	OVP	X	-7.864	-7.864	0	%100
110	OVP	Z	0	0	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M116	X	-8.731	-8.731	0	%100
114	M116	Z	0	0	0	%100
115	M124	X	-8.731	-8.731	0	%100
116	M124	Z	0	0	0	%100
117	M132	X	-11.419	-11.419	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-11.419	-11.419	0	%100
120	M133	Z	0	0	0	%100
121	M134	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,%]
122	M134	Z	0	0	0	%100
123	M139	X	-.441	-.441	0	%100
124	M139	Z	0	0	0	%100
125	M140	X	-.441	-.441	0	%100
126	M140	Z	0	0	0	%100
127	MP3B	X	-9.617	-9.617	0	%100
128	MP3B	Z	0	0	0	%100
129	M148	X	-.441	-.441	0	%100
130	M148	Z	0	0	0	%100
131	M149	X	-.441	-.441	0	%100
132	M149	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-12.066	-12.066	0	%100
2	M1	Z	-6.966	-6.966	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	-10.549	-10.549	0	%100
6	M10	Z	-6.09	-6.09	0	%100
7	M43	X	-10.549	-10.549	0	%100
8	M43	Z	-6.09	-6.09	0	%100
9	M46	X	-21.04	-21.04	0	%100
10	M46	Z	-12.148	-12.148	0	%100
11	M51B	X	-2.921	-2.921	0	%100
12	M51B	Z	-1.686	-1.686	0	%100
13	M52B	X	-2.921	-2.921	0	%100
14	M52B	Z	-1.686	-1.686	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-5.357	-5.357	0	%100
18	M77	Z	-3.093	-3.093	0	%100
19	M80	X	-5.643	-5.643	0	%100
20	M80	Z	-3.258	-3.258	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-5.357	-5.357	0	%100
24	M85	Z	-3.093	-3.093	0	%100
25	M91	X	-5.643	-5.643	0	%100
26	M91	Z	-3.258	-3.258	0	%100
27	M52A	X	-9.35	-9.35	0	%100
28	M52A	Z	-5.398	-5.398	0	%100
29	M53	X	-2.637	-2.637	0	%100
30	M53	Z	-1.523	-1.523	0	%100
31	M54	X	-2.637	-2.637	0	%100
32	M54	Z	-1.523	-1.523	0	%100
33	M55	X	-5.26	-5.26	0	%100
34	M55	Z	-3.037	-3.037	0	%100
35	M58A	X	-2.921	-2.921	0	%100
36	M58A	Z	-1.686	-1.686	0	%100
37	M59A	X	-11.683	-11.683	0	%100
38	M59A	Z	-6.745	-6.745	0	%100
39	M63	X	-15.78	-15.78	0	%100
40	M63	Z	-9.111	-9.111	0	%100
41	M64	X	-5.357	-5.357	0	%100
42	M64	Z	-3.093	-3.093	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,%]
43	M66	X	-5.643	-5.643	0	%100
44	M66	Z	-3.258	-3.258	0	%100
45	M68	X	-15.78	-15.78	0	%100
46	M68	Z	-9.111	-9.111	0	%100
47	M69	X	-21.43	-21.43	0	%100
48	M69	Z	-12.373	-12.373	0	%100
49	M71	X	-22.572	-22.572	0	%100
50	M71	Z	-13.032	-13.032	0	%100
51	M76A	X	-9.35	-9.35	0	%100
52	M76A	Z	-5.398	-5.398	0	%100
53	M77A	X	-2.637	-2.637	0	%100
54	M77A	Z	-1.523	-1.523	0	%100
55	M78	X	-2.637	-2.637	0	%100
56	M78	Z	-1.523	-1.523	0	%100
57	M79A	X	-5.26	-5.26	0	%100
58	M79A	Z	-3.037	-3.037	0	%100
59	M82	X	-11.683	-11.683	0	%100
60	M82	Z	-6.745	-6.745	0	%100
61	M83A	X	-2.921	-2.921	0	%100
62	M83A	Z	-1.686	-1.686	0	%100
63	M87	X	-15.78	-15.78	0	%100
64	M87	Z	-9.111	-9.111	0	%100
65	M88A	X	-21.43	-21.43	0	%100
66	M88A	Z	-12.373	-12.373	0	%100
67	M90	X	-22.572	-22.572	0	%100
68	M90	Z	-13.032	-13.032	0	%100
69	M92A	X	-15.78	-15.78	0	%100
70	M92A	Z	-9.111	-9.111	0	%100
71	M93	X	-5.357	-5.357	0	%100
72	M93	Z	-3.093	-3.093	0	%100
73	M95	X	-5.643	-5.643	0	%100
74	M95	Z	-3.258	-3.258	0	%100
75	M82A	X	-3.017	-3.017	0	%100
76	M82A	Z	-1.742	-1.742	0	%100
77	M91B	X	-3.017	-3.017	0	%100
78	M91B	Z	-1.742	-1.742	0	%100
79	MP5A	X	-8.328	-8.328	0	%100
80	MP5A	Z	-4.808	-4.808	0	%100
81	MP4A	X	-8.328	-8.328	0	%100
82	MP4A	Z	-4.808	-4.808	0	%100
83	MP3A	X	-8.328	-8.328	0	%100
84	MP3A	Z	-4.808	-4.808	0	%100
85	MP2A	X	-10.082	-10.082	0	%100
86	MP2A	Z	-5.821	-5.821	0	%100
87	MP1A	X	-10.082	-10.082	0	%100
88	MP1A	Z	-5.821	-5.821	0	%100
89	MP5C	X	-8.328	-8.328	0	%100
90	MP5C	Z	-4.808	-4.808	0	%100
91	MP4C	X	-8.328	-8.328	0	%100
92	MP4C	Z	-4.808	-4.808	0	%100
93	MP3C	X	-8.328	-8.328	0	%100
94	MP3C	Z	-4.808	-4.808	0	%100
95	MP2C	X	-10.082	-10.082	0	%100
96	MP2C	Z	-5.821	-5.821	0	%100
97	MP1C	X	-10.082	-10.082	0	%100
98	MP1C	Z	-5.821	-5.821	0	%100
99	MP5B	X	-8.328	-8.328	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,%]
100	MP5B	Z	-4.808	-4.808	0	%100
101	MP4B	X	-8.328	-8.328	0	%100
102	MP4B	Z	-4.808	-4.808	0	%100
103	3	X	-8.328	-8.328	0	%100
104	3	Z	-4.808	-4.808	0	%100
105	MP2B	X	-10.082	-10.082	0	%100
106	MP2B	Z	-5.821	-5.821	0	%100
107	MP1B	X	-10.082	-10.082	0	%100
108	MP1B	Z	-5.821	-5.821	0	%100
109	OVP	X	-6.81	-6.81	0	%100
110	OVP	Z	-3.932	-3.932	0	%100
111	M108	X	-2.52	-2.52	0	%100
112	M108	Z	-1.455	-1.455	0	%100
113	M116	X	-2.52	-2.52	0	%100
114	M116	Z	-1.455	-1.455	0	%100
115	M124	X	-10.082	-10.082	0	%100
116	M124	Z	-5.821	-5.821	0	%100
117	M132	X	-13.186	-13.186	0	%100
118	M132	Z	-7.613	-7.613	0	%100
119	M133	X	-3.296	-3.296	0	%100
120	M133	Z	-1.903	-1.903	0	%100
121	M134	X	-3.296	-3.296	0	%100
122	M134	Z	-1.903	-1.903	0	%100
123	M139	X	0	0	0	%100
124	M139	Z	0	0	0	%100
125	M140	X	0	0	0	%100
126	M140	Z	0	0	0	%100
127	MP3B	X	-8.328	-8.328	0	%100
128	MP3B	Z	-4.808	-4.808	0	%100
129	M148	X	0	0	0	%100
130	M148	Z	0	0	0	%100
131	M149	X	0	0	0	%100
132	M149	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-5.225	-5.225	0	%100
2	M1	Z	-9.05	-9.05	0	%100
3	M4	X	-1.799	-1.799	0	%100
4	M4	Z	-3.117	-3.117	0	%100
5	M10	X	-4.568	-4.568	0	%100
6	M10	Z	-7.911	-7.911	0	%100
7	M43	X	-4.568	-4.568	0	%100
8	M43	Z	-7.911	-7.911	0	%100
9	M46	X	-9.111	-9.111	0	%100
10	M46	Z	-15.78	-15.78	0	%100
11	M51B	X	-5.059	-5.059	0	%100
12	M51B	Z	-8.762	-8.762	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-3.037	-3.037	0	%100
16	M76	Z	-5.26	-5.26	0	%100
17	M77	X	-9.279	-9.279	0	%100
18	M77	Z	-16.072	-16.072	0	%100
19	M80	X	-9.774	-9.774	0	%100
20	M80	Z	-16.929	-16.929	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,%]
21	M84	X	-3.037	-3.037	0	%100
22	M84	Z	-5.26	-5.26	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	-1.799	-1.799	0	%100
28	M52A	Z	-3.117	-3.117	0	%100
29	M53	X	-4.568	-4.568	0	%100
30	M53	Z	-7.911	-7.911	0	%100
31	M54	X	-4.568	-4.568	0	%100
32	M54	Z	-7.911	-7.911	0	%100
33	M55	X	-9.111	-9.111	0	%100
34	M55	Z	-15.78	-15.78	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	-5.059	-5.059	0	%100
38	M59A	Z	-8.762	-8.762	0	%100
39	M63	X	-3.037	-3.037	0	%100
40	M63	Z	-5.26	-5.26	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	-3.037	-3.037	0	%100
46	M68	Z	-5.26	-5.26	0	%100
47	M69	X	-9.279	-9.279	0	%100
48	M69	Z	-16.072	-16.072	0	%100
49	M71	X	-9.774	-9.774	0	%100
50	M71	Z	-16.929	-16.929	0	%100
51	M76A	X	-7.197	-7.197	0	%100
52	M76A	Z	-12.466	-12.466	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	-5.059	-5.059	0	%100
60	M82	Z	-8.762	-8.762	0	%100
61	M83A	X	-5.059	-5.059	0	%100
62	M83A	Z	-8.762	-8.762	0	%100
63	M87	X	-12.148	-12.148	0	%100
64	M87	Z	-21.04	-21.04	0	%100
65	M88A	X	-9.279	-9.279	0	%100
66	M88A	Z	-16.072	-16.072	0	%100
67	M90	X	-9.774	-9.774	0	%100
68	M90	Z	-16.929	-16.929	0	%100
69	M92A	X	-12.148	-12.148	0	%100
70	M92A	Z	-21.04	-21.04	0	%100
71	M93	X	-9.279	-9.279	0	%100
72	M93	Z	-16.072	-16.072	0	%100
73	M95	X	-9.774	-9.774	0	%100
74	M95	Z	-16.929	-16.929	0	%100
75	M82A	X	-5.225	-5.225	0	%100
76	M82A	Z	-9.05	-9.05	0	%100
77	M91B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
78	M91B	Z	0	0	0	%100
79	MP5A	X	-4.808	-4.808	0	%100
80	MP5A	Z	-8.328	-8.328	0	%100
81	MP4A	X	-4.808	-4.808	0	%100
82	MP4A	Z	-8.328	-8.328	0	%100
83	MP3A	X	-4.808	-4.808	0	%100
84	MP3A	Z	-8.328	-8.328	0	%100
85	MP2A	X	-5.821	-5.821	0	%100
86	MP2A	Z	-10.082	-10.082	0	%100
87	MP1A	X	-5.821	-5.821	0	%100
88	MP1A	Z	-10.082	-10.082	0	%100
89	MP5C	X	-4.808	-4.808	0	%100
90	MP5C	Z	-8.328	-8.328	0	%100
91	MP4C	X	-4.808	-4.808	0	%100
92	MP4C	Z	-8.328	-8.328	0	%100
93	MP3C	X	-4.808	-4.808	0	%100
94	MP3C	Z	-8.328	-8.328	0	%100
95	MP2C	X	-5.821	-5.821	0	%100
96	MP2C	Z	-10.082	-10.082	0	%100
97	MP1C	X	-5.821	-5.821	0	%100
98	MP1C	Z	-10.082	-10.082	0	%100
99	MP5B	X	-4.808	-4.808	0	%100
100	MP5B	Z	-8.328	-8.328	0	%100
101	MP4B	X	-4.808	-4.808	0	%100
102	MP4B	Z	-8.328	-8.328	0	%100
103	3	X	-4.808	-4.808	0	%100
104	3	Z	-8.328	-8.328	0	%100
105	MP2B	X	-5.821	-5.821	0	%100
106	MP2B	Z	-10.082	-10.082	0	%100
107	MP1B	X	-5.821	-5.821	0	%100
108	MP1B	Z	-10.082	-10.082	0	%100
109	OVP	X	-3.932	-3.932	0	%100
110	OVP	Z	-6.81	-6.81	0	%100
111	M108	X	-4.366	-4.366	0	%100
112	M108	Z	-7.561	-7.561	0	%100
113	M116	X	0	0	0	%100
114	M116	Z	0	0	0	%100
115	M124	X	-4.366	-4.366	0	%100
116	M124	Z	-7.561	-7.561	0	%100
117	M132	X	-5.71	-5.71	0	%100
118	M132	Z	-9.889	-9.889	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	-5.71	-5.71	0	%100
122	M134	Z	-9.889	-9.889	0	%100
123	M139	X	-.22	-.22	0	%100
124	M139	Z	-.382	-.382	0	%100
125	M140	X	-.22	-.22	0	%100
126	M140	Z	-.382	-.382	0	%100
127	MP3B	X	-4.808	-4.808	0	%100
128	MP3B	Z	-8.328	-8.328	0	%100
129	M148	X	-.22	-.22	0	%100
130	M148	Z	-.382	-.382	0	%100
131	M149	X	-.22	-.22	0	%100
132	M149	Z	-.382	-.382	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.872	-.872	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	-2.641	-2.641	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.716	-.716	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-.716	-.716	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-1.12	-1.12	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-3.297	-3.297	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-.824	-.824	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	-3.304	-3.304	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-4.472	-4.472	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-4.667	-4.667	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	-3.304	-3.304	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-1.118	-1.118	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	-1.167	-1.167	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	-2.865	-2.865	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	-2.865	-2.865	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	-4.479	-4.479	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	-.824	-.824	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	-.824	-.824	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	-1.118	-1.118	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	-1.167	-1.167	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	-1.118	-1.118	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	-1.167	-1.167	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	-2.641	-2.641	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	-.716	-.716	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	-.716	-.716	0	%100
57	M79A	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,%]
58	M79A	Z	-1.12	-1.12	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	-.824	-.824	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	-3.297	-3.297	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	-3.304	-3.304	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	-1.118	-1.118	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	-1.167	-1.167	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	-3.304	-3.304	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	-4.472	-4.472	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	-4.667	-4.667	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	-3.488	-3.488	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	-.872	-.872	0	%100
79	MP5A	X	0	0	0	%100
80	MP5A	Z	-2.814	-2.814	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	-2.814	-2.814	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-2.814	-2.814	0	%100
85	MP2A	X	0	0	0	%100
86	MP2A	Z	-3.114	-3.114	0	%100
87	MP1A	X	0	0	0	%100
88	MP1A	Z	-3.114	-3.114	0	%100
89	MP5C	X	0	0	0	%100
90	MP5C	Z	-2.814	-2.814	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	-2.814	-2.814	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	-2.814	-2.814	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-3.114	-3.114	0	%100
97	MP1C	X	0	0	0	%100
98	MP1C	Z	-3.114	-3.114	0	%100
99	MP5B	X	0	0	0	%100
100	MP5B	Z	-2.814	-2.814	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-2.814	-2.814	0	%100
103	3	X	0	0	0	%100
104	3	Z	-2.814	-2.814	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	-3.114	-3.114	0	%100
107	MP1B	X	0	0	0	%100
108	MP1B	Z	-3.114	-3.114	0	%100
109	OVP	X	0	0	0	%100
110	OVP	Z	-2.31	-2.31	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-3.114	-3.114	0	%100
113	M116	X	0	0	0	%100
114	M116	Z	-.778	-.778	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,%]
115	M124	X	0	0	0	%100
116	M124	Z	-.778	-.778	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	-.834	-.834	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	-.834	-.834	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	-3.336	-3.336	0	%100
123	M139	X	0	0	0	%100
124	M139	Z	-.831	-.831	0	%100
125	M140	X	0	0	0	%100
126	M140	Z	-.831	-.831	0	%100
127	MP3B	X	0	0	0	%100
128	MP3B	Z	-2.814	-2.814	0	%100
129	M148	X	0	0	0	%100
130	M148	Z	-.831	-.831	0	%100
131	M149	X	0	0	0	%100
132	M149	Z	-.831	-.831	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	1.76	1.76	0	%100
4	M4	Z	-3.049	-3.049	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	1.236	1.236	0	%100
12	M51B	Z	-2.141	-2.141	0	%100
13	M52B	X	1.236	1.236	0	%100
14	M52B	Z	-2.141	-2.141	0	%100
15	M76	X	2.203	2.203	0	%100
16	M76	Z	-3.815	-3.815	0	%100
17	M77	X	1.677	1.677	0	%100
18	M77	Z	-2.905	-2.905	0	%100
19	M80	X	1.75	1.75	0	%100
20	M80	Z	-3.031	-3.031	0	%100
21	M84	X	2.203	2.203	0	%100
22	M84	Z	-3.815	-3.815	0	%100
23	M85	X	1.677	1.677	0	%100
24	M85	Z	-2.905	-2.905	0	%100
25	M91	X	1.75	1.75	0	%100
26	M91	Z	-3.031	-3.031	0	%100
27	M52A	X	.44	.44	0	%100
28	M52A	Z	-.762	-.762	0	%100
29	M53	X	1.074	1.074	0	%100
30	M53	Z	-1.861	-1.861	0	%100
31	M54	X	1.074	1.074	0	%100
32	M54	Z	-1.861	-1.861	0	%100
33	M55	X	1.679	1.679	0	%100
34	M55	Z	-2.909	-2.909	0	%100
35	M58A	X	1.236	1.236	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,%]
36	M58A	Z	-2.141	-2.141	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	.551	.551	0	%100
40	M63	Z	-.954	-.954	0	%100
41	M64	X	1.677	1.677	0	%100
42	M64	Z	-2.905	-2.905	0	%100
43	M66	X	1.75	1.75	0	%100
44	M66	Z	-3.031	-3.031	0	%100
45	M68	X	.551	.551	0	%100
46	M68	Z	-.954	-.954	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	.44	.44	0	%100
52	M76A	Z	-.762	-.762	0	%100
53	M77A	X	1.074	1.074	0	%100
54	M77A	Z	-1.861	-1.861	0	%100
55	M78	X	1.074	1.074	0	%100
56	M78	Z	-1.861	-1.861	0	%100
57	M79A	X	1.679	1.679	0	%100
58	M79A	Z	-2.909	-2.909	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	1.236	1.236	0	%100
62	M83A	Z	-2.141	-2.141	0	%100
63	M87	X	.551	.551	0	%100
64	M87	Z	-.954	-.954	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	.551	.551	0	%100
70	M92A	Z	-.954	-.954	0	%100
71	M93	X	1.677	1.677	0	%100
72	M93	Z	-2.905	-2.905	0	%100
73	M95	X	1.75	1.75	0	%100
74	M95	Z	-3.031	-3.031	0	%100
75	M82A	X	1.308	1.308	0	%100
76	M82A	Z	-2.265	-2.265	0	%100
77	M91B	X	1.308	1.308	0	%100
78	M91B	Z	-2.265	-2.265	0	%100
79	MP5A	X	1.407	1.407	0	%100
80	MP5A	Z	-2.437	-2.437	0	%100
81	MP4A	X	1.407	1.407	0	%100
82	MP4A	Z	-2.437	-2.437	0	%100
83	MP3A	X	1.407	1.407	0	%100
84	MP3A	Z	-2.437	-2.437	0	%100
85	MP2A	X	1.557	1.557	0	%100
86	MP2A	Z	-2.696	-2.696	0	%100
87	MP1A	X	1.557	1.557	0	%100
88	MP1A	Z	-2.696	-2.696	0	%100
89	MP5C	X	1.407	1.407	0	%100
90	MP5C	Z	-2.437	-2.437	0	%100
91	MP4C	X	1.407	1.407	0	%100
92	MP4C	Z	-2.437	-2.437	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,%]
93	MP3C	X	1.407	1.407	0	%100
94	MP3C	Z	-2.437	-2.437	0	%100
95	MP2C	X	1.557	1.557	0	%100
96	MP2C	Z	-2.696	-2.696	0	%100
97	MP1C	X	1.557	1.557	0	%100
98	MP1C	Z	-2.696	-2.696	0	%100
99	MP5B	X	1.407	1.407	0	%100
100	MP5B	Z	-2.437	-2.437	0	%100
101	MP4B	X	1.407	1.407	0	%100
102	MP4B	Z	-2.437	-2.437	0	%100
103	3	X	1.407	1.407	0	%100
104	3	Z	-2.437	-2.437	0	%100
105	MP2B	X	1.557	1.557	0	%100
106	MP2B	Z	-2.696	-2.696	0	%100
107	MP1B	X	1.557	1.557	0	%100
108	MP1B	Z	-2.696	-2.696	0	%100
109	OVP	X	1.155	1.155	0	%100
110	OVP	Z	-2	-2	0	%100
111	M108	X	1.168	1.168	0	%100
112	M108	Z	-2.022	-2.022	0	%100
113	M116	X	1.168	1.168	0	%100
114	M116	Z	-2.022	-2.022	0	%100
115	M124	X	0	0	0	%100
116	M124	Z	0	0	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	1.251	1.251	0	%100
120	M133	Z	-2.167	-2.167	0	%100
121	M134	X	1.251	1.251	0	%100
122	M134	Z	-2.167	-2.167	0	%100
123	M139	X	.554	.554	0	%100
124	M139	Z	-.959	-.959	0	%100
125	M140	X	.554	.554	0	%100
126	M140	Z	-.959	-.959	0	%100
127	MP3B	X	1.407	1.407	0	%100
128	MP3B	Z	-2.437	-2.437	0	%100
129	M148	X	.554	.554	0	%100
130	M148	Z	-.959	-.959	0	%100
131	M149	X	.554	.554	0	%100
132	M149	Z	-.959	-.959	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.755	.755	0	%100
2	M1	Z	-.436	-.436	0	%100
3	M4	X	2.287	2.287	0	%100
4	M4	Z	-1.32	-1.32	0	%100
5	M10	X	.62	.62	0	%100
6	M10	Z	-.358	-.358	0	%100
7	M43	X	.62	.62	0	%100
8	M43	Z	-.358	-.358	0	%100
9	M46	X	.97	.97	0	%100
10	M46	Z	-.56	-.56	0	%100
11	M51B	X	.714	.714	0	%100
12	M51B	Z	-.412	-.412	0	%100
13	M52B	X	2.855	2.855	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,%]
14	M52B	Z	-1.648	-1.648	0	%100
15	M76	X	2.862	2.862	0	%100
16	M76	Z	-1.652	-1.652	0	%100
17	M77	X	.968	.968	0	%100
18	M77	Z	-.559	-.559	0	%100
19	M80	X	1.01	1.01	0	%100
20	M80	Z	-.583	-.583	0	%100
21	M84	X	2.862	2.862	0	%100
22	M84	Z	-1.652	-1.652	0	%100
23	M85	X	3.873	3.873	0	%100
24	M85	Z	-2.236	-2.236	0	%100
25	M91	X	4.042	4.042	0	%100
26	M91	Z	-2.334	-2.334	0	%100
27	M52A	X	2.287	2.287	0	%100
28	M52A	Z	-1.32	-1.32	0	%100
29	M53	X	.62	.62	0	%100
30	M53	Z	-.358	-.358	0	%100
31	M54	X	.62	.62	0	%100
32	M54	Z	-.358	-.358	0	%100
33	M55	X	.97	.97	0	%100
34	M55	Z	-.56	-.56	0	%100
35	M58A	X	2.855	2.855	0	%100
36	M58A	Z	-1.648	-1.648	0	%100
37	M59A	X	.714	.714	0	%100
38	M59A	Z	-.412	-.412	0	%100
39	M63	X	2.862	2.862	0	%100
40	M63	Z	-1.652	-1.652	0	%100
41	M64	X	3.873	3.873	0	%100
42	M64	Z	-2.236	-2.236	0	%100
43	M66	X	4.042	4.042	0	%100
44	M66	Z	-2.334	-2.334	0	%100
45	M68	X	2.862	2.862	0	%100
46	M68	Z	-1.652	-1.652	0	%100
47	M69	X	.968	.968	0	%100
48	M69	Z	-.559	-.559	0	%100
49	M71	X	1.01	1.01	0	%100
50	M71	Z	-.583	-.583	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	2.481	2.481	0	%100
54	M77A	Z	-1.433	-1.433	0	%100
55	M78	X	2.481	2.481	0	%100
56	M78	Z	-1.433	-1.433	0	%100
57	M79A	X	3.878	3.878	0	%100
58	M79A	Z	-2.239	-2.239	0	%100
59	M82	X	.714	.714	0	%100
60	M82	Z	-.412	-.412	0	%100
61	M83A	X	.714	.714	0	%100
62	M83A	Z	-.412	-.412	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	.968	.968	0	%100
66	M88A	Z	-.559	-.559	0	%100
67	M90	X	1.01	1.01	0	%100
68	M90	Z	-.583	-.583	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	0	0	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,%]
71	M93	X	.968	.968	0	%100
72	M93	Z	-.559	-.559	0	%100
73	M95	X	1.01	1.01	0	%100
74	M95	Z	-.583	-.583	0	%100
75	M82A	X	.755	.755	0	%100
76	M82A	Z	-.436	-.436	0	%100
77	M91B	X	3.021	3.021	0	%100
78	M91B	Z	-1.744	-1.744	0	%100
79	MP5A	X	2.437	2.437	0	%100
80	MP5A	Z	-1.407	-1.407	0	%100
81	MP4A	X	2.437	2.437	0	%100
82	MP4A	Z	-1.407	-1.407	0	%100
83	MP3A	X	2.437	2.437	0	%100
84	MP3A	Z	-1.407	-1.407	0	%100
85	MP2A	X	2.696	2.696	0	%100
86	MP2A	Z	-1.557	-1.557	0	%100
87	MP1A	X	2.696	2.696	0	%100
88	MP1A	Z	-1.557	-1.557	0	%100
89	MP5C	X	2.437	2.437	0	%100
90	MP5C	Z	-1.407	-1.407	0	%100
91	MP4C	X	2.437	2.437	0	%100
92	MP4C	Z	-1.407	-1.407	0	%100
93	MP3C	X	2.437	2.437	0	%100
94	MP3C	Z	-1.407	-1.407	0	%100
95	MP2C	X	2.696	2.696	0	%100
96	MP2C	Z	-1.557	-1.557	0	%100
97	MP1C	X	2.696	2.696	0	%100
98	MP1C	Z	-1.557	-1.557	0	%100
99	MP5B	X	2.437	2.437	0	%100
100	MP5B	Z	-1.407	-1.407	0	%100
101	MP4B	X	2.437	2.437	0	%100
102	MP4B	Z	-1.407	-1.407	0	%100
103	3	X	2.437	2.437	0	%100
104	3	Z	-1.407	-1.407	0	%100
105	MP2B	X	2.696	2.696	0	%100
106	MP2B	Z	-1.557	-1.557	0	%100
107	MP1B	X	2.696	2.696	0	%100
108	MP1B	Z	-1.557	-1.557	0	%100
109	OVP	X	2	2	0	%100
110	OVP	Z	-1.155	-1.155	0	%100
111	M108	X	.674	.674	0	%100
112	M108	Z	-.389	-.389	0	%100
113	M116	X	2.696	2.696	0	%100
114	M116	Z	-1.557	-1.557	0	%100
115	M124	X	.674	.674	0	%100
116	M124	Z	-.389	-.389	0	%100
117	M132	X	.722	.722	0	%100
118	M132	Z	-.417	-.417	0	%100
119	M133	X	2.889	2.889	0	%100
120	M133	Z	-1.668	-1.668	0	%100
121	M134	X	.722	.722	0	%100
122	M134	Z	-.417	-.417	0	%100
123	M139	X	.72	.72	0	%100
124	M139	Z	-.415	-.415	0	%100
125	M140	X	.72	.72	0	%100
126	M140	Z	-.415	-.415	0	%100
127	MP3B	X	2.437	2.437	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,%]
128	MP3B	Z	-1.407	-1.407	0	%100
129	M148	X	.72	.72	0	%100
130	M148	Z	-.415	-.415	0	%100
131	M149	X	.72	.72	0	%100
132	M149	Z	-.415	-.415	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.616	2.616	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.88	.88	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	2.149	2.149	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	2.149	2.149	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	3.359	3.359	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	2.473	2.473	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	1.101	1.101	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	1.101	1.101	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	3.354	3.354	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	3.5	3.5	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	3.521	3.521	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	2.473	2.473	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	2.473	2.473	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	4.406	4.406	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	3.354	3.354	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	3.5	3.5	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	4.406	4.406	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	3.354	3.354	0	%100
48	M69	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
49	M71	X	3.5	3.5	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	.88	.88	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	2.149	2.149	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	2.149	2.149	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	3.359	3.359	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	2.473	2.473	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	1.101	1.101	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	3.354	3.354	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	3.5	3.5	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	1.101	1.101	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	2.616	2.616	0	%100
78	M91B	Z	0	0	0	%100
79	MP5A	X	2.814	2.814	0	%100
80	MP5A	Z	0	0	0	%100
81	MP4A	X	2.814	2.814	0	%100
82	MP4A	Z	0	0	0	%100
83	MP3A	X	2.814	2.814	0	%100
84	MP3A	Z	0	0	0	%100
85	MP2A	X	3.114	3.114	0	%100
86	MP2A	Z	0	0	0	%100
87	MP1A	X	3.114	3.114	0	%100
88	MP1A	Z	0	0	0	%100
89	MP5C	X	2.814	2.814	0	%100
90	MP5C	Z	0	0	0	%100
91	MP4C	X	2.814	2.814	0	%100
92	MP4C	Z	0	0	0	%100
93	MP3C	X	2.814	2.814	0	%100
94	MP3C	Z	0	0	0	%100
95	MP2C	X	3.114	3.114	0	%100
96	MP2C	Z	0	0	0	%100
97	MP1C	X	3.114	3.114	0	%100
98	MP1C	Z	0	0	0	%100
99	MP5B	X	2.814	2.814	0	%100
100	MP5B	Z	0	0	0	%100
101	MP4B	X	2.814	2.814	0	%100
102	MP4B	Z	0	0	0	%100
103	3	X	2.814	2.814	0	%100
104	3	Z	0	0	0	%100
105	MP2B	X	3.114	3.114	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,%]
106	MP2B	Z	0	0	0	%100
107	MP1B	X	3.114	3.114	0	%100
108	MP1B	Z	0	0	0	%100
109	OVP	X	2.31	2.31	0	%100
110	OVP	Z	0	0	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M116	X	2.335	2.335	0	%100
114	M116	Z	0	0	0	%100
115	M124	X	2.335	2.335	0	%100
116	M124	Z	0	0	0	%100
117	M132	X	2.502	2.502	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	2.502	2.502	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	0	0	0	%100
123	M139	X	.277	.277	0	%100
124	M139	Z	0	0	0	%100
125	M140	X	.277	.277	0	%100
126	M140	Z	0	0	0	%100
127	MP3B	X	2.814	2.814	0	%100
128	MP3B	Z	0	0	0	%100
129	M148	X	.277	.277	0	%100
130	M148	Z	0	0	0	%100
131	M149	X	.277	.277	0	%100
132	M149	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.021	3.021	0	%100
2	M1	Z	1.744	1.744	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	2.481	2.481	0	%100
6	M10	Z	1.433	1.433	0	%100
7	M43	X	2.481	2.481	0	%100
8	M43	Z	1.433	1.433	0	%100
9	M46	X	3.878	3.878	0	%100
10	M46	Z	2.239	2.239	0	%100
11	M51B	X	.714	.714	0	%100
12	M51B	Z	.412	.412	0	%100
13	M52B	X	.714	.714	0	%100
14	M52B	Z	.412	.412	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	.968	.968	0	%100
18	M77	Z	.559	.559	0	%100
19	M80	X	1.01	1.01	0	%100
20	M80	Z	.583	.583	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	.968	.968	0	%100
24	M85	Z	.559	.559	0	%100
25	M91	X	1.01	1.01	0	%100
26	M91	Z	.583	.583	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,%]
27	M52A	X	2.287	2.287	0	%100
28	M52A	Z	1.32	1.32	0	%100
29	M53	X	.62	.62	0	%100
30	M53	Z	.358	.358	0	%100
31	M54	X	.62	.62	0	%100
32	M54	Z	.358	.358	0	%100
33	M55	X	.97	.97	0	%100
34	M55	Z	.56	.56	0	%100
35	M58A	X	.714	.714	0	%100
36	M58A	Z	.412	.412	0	%100
37	M59A	X	2.855	2.855	0	%100
38	M59A	Z	1.648	1.648	0	%100
39	M63	X	2.862	2.862	0	%100
40	M63	Z	1.652	1.652	0	%100
41	M64	X	.968	.968	0	%100
42	M64	Z	.559	.559	0	%100
43	M66	X	1.01	1.01	0	%100
44	M66	Z	.583	.583	0	%100
45	M68	X	2.862	2.862	0	%100
46	M68	Z	1.652	1.652	0	%100
47	M69	X	3.873	3.873	0	%100
48	M69	Z	2.236	2.236	0	%100
49	M71	X	4.042	4.042	0	%100
50	M71	Z	2.334	2.334	0	%100
51	M76A	X	2.287	2.287	0	%100
52	M76A	Z	1.32	1.32	0	%100
53	M77A	X	.62	.62	0	%100
54	M77A	Z	.358	.358	0	%100
55	M78	X	.62	.62	0	%100
56	M78	Z	.358	.358	0	%100
57	M79A	X	.97	.97	0	%100
58	M79A	Z	.56	.56	0	%100
59	M82	X	2.855	2.855	0	%100
60	M82	Z	1.648	1.648	0	%100
61	M83A	X	.714	.714	0	%100
62	M83A	Z	.412	.412	0	%100
63	M87	X	2.862	2.862	0	%100
64	M87	Z	1.652	1.652	0	%100
65	M88A	X	3.873	3.873	0	%100
66	M88A	Z	2.236	2.236	0	%100
67	M90	X	4.042	4.042	0	%100
68	M90	Z	2.334	2.334	0	%100
69	M92A	X	2.862	2.862	0	%100
70	M92A	Z	1.652	1.652	0	%100
71	M93	X	.968	.968	0	%100
72	M93	Z	.559	.559	0	%100
73	M95	X	1.01	1.01	0	%100
74	M95	Z	.583	.583	0	%100
75	M82A	X	.755	.755	0	%100
76	M82A	Z	.436	.436	0	%100
77	M91B	X	.755	.755	0	%100
78	M91B	Z	.436	.436	0	%100
79	MP5A	X	2.437	2.437	0	%100
80	MP5A	Z	1.407	1.407	0	%100
81	MP4A	X	2.437	2.437	0	%100
82	MP4A	Z	1.407	1.407	0	%100
83	MP3A	X	2.437	2.437	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,%]
84	MP3A	Z	1.407	1.407	0	%100
85	MP2A	X	2.696	2.696	0	%100
86	MP2A	Z	1.557	1.557	0	%100
87	MP1A	X	2.696	2.696	0	%100
88	MP1A	Z	1.557	1.557	0	%100
89	MP5C	X	2.437	2.437	0	%100
90	MP5C	Z	1.407	1.407	0	%100
91	MP4C	X	2.437	2.437	0	%100
92	MP4C	Z	1.407	1.407	0	%100
93	MP3C	X	2.437	2.437	0	%100
94	MP3C	Z	1.407	1.407	0	%100
95	MP2C	X	2.696	2.696	0	%100
96	MP2C	Z	1.557	1.557	0	%100
97	MP1C	X	2.696	2.696	0	%100
98	MP1C	Z	1.557	1.557	0	%100
99	MP5B	X	2.437	2.437	0	%100
100	MP5B	Z	1.407	1.407	0	%100
101	MP4B	X	2.437	2.437	0	%100
102	MP4B	Z	1.407	1.407	0	%100
103	3	X	2.437	2.437	0	%100
104	3	Z	1.407	1.407	0	%100
105	MP2B	X	2.696	2.696	0	%100
106	MP2B	Z	1.557	1.557	0	%100
107	MP1B	X	2.696	2.696	0	%100
108	MP1B	Z	1.557	1.557	0	%100
109	OVP	X	2	2	0	%100
110	OVP	Z	1.155	1.155	0	%100
111	M108	X	.674	.674	0	%100
112	M108	Z	.389	.389	0	%100
113	M116	X	.674	.674	0	%100
114	M116	Z	.389	.389	0	%100
115	M124	X	2.696	2.696	0	%100
116	M124	Z	1.557	1.557	0	%100
117	M132	X	2.889	2.889	0	%100
118	M132	Z	1.668	1.668	0	%100
119	M133	X	.722	.722	0	%100
120	M133	Z	.417	.417	0	%100
121	M134	X	.722	.722	0	%100
122	M134	Z	.417	.417	0	%100
123	M139	X	0	0	0	%100
124	M139	Z	0	0	0	%100
125	M140	X	0	0	0	%100
126	M140	Z	0	0	0	%100
127	MP3B	X	2.437	2.437	0	%100
128	MP3B	Z	1.407	1.407	0	%100
129	M148	X	0	0	0	%100
130	M148	Z	0	0	0	%100
131	M149	X	0	0	0	%100
132	M149	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.308	1.308	0	%100
2	M1	Z	2.265	2.265	0	%100
3	M4	X	.44	.44	0	%100
4	M4	Z	.762	.762	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,%]
5	M10	X	1.074	1.074	0	%100
6	M10	Z	1.861	1.861	0	%100
7	M43	X	1.074	1.074	0	%100
8	M43	Z	1.861	1.861	0	%100
9	M46	X	1.679	1.679	0	%100
10	M46	Z	2.909	2.909	0	%100
11	M51B	X	1.236	1.236	0	%100
12	M51B	Z	2.141	2.141	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	.551	.551	0	%100
16	M76	Z	.954	.954	0	%100
17	M77	X	1.677	1.677	0	%100
18	M77	Z	2.905	2.905	0	%100
19	M80	X	1.75	1.75	0	%100
20	M80	Z	3.031	3.031	0	%100
21	M84	X	.551	.551	0	%100
22	M84	Z	.954	.954	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	.44	.44	0	%100
28	M52A	Z	.762	.762	0	%100
29	M53	X	1.074	1.074	0	%100
30	M53	Z	1.861	1.861	0	%100
31	M54	X	1.074	1.074	0	%100
32	M54	Z	1.861	1.861	0	%100
33	M55	X	1.679	1.679	0	%100
34	M55	Z	2.909	2.909	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	1.236	1.236	0	%100
38	M59A	Z	2.141	2.141	0	%100
39	M63	X	.551	.551	0	%100
40	M63	Z	.954	.954	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	.551	.551	0	%100
46	M68	Z	.954	.954	0	%100
47	M69	X	1.677	1.677	0	%100
48	M69	Z	2.905	2.905	0	%100
49	M71	X	1.75	1.75	0	%100
50	M71	Z	3.031	3.031	0	%100
51	M76A	X	1.76	1.76	0	%100
52	M76A	Z	3.049	3.049	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	1.236	1.236	0	%100
60	M82	Z	2.141	2.141	0	%100
61	M83A	X	1.236	1.236	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,%]
62	M83A	Z	2.141	2.141	0	%100
63	M87	X	2.203	2.203	0	%100
64	M87	Z	3.815	3.815	0	%100
65	M88A	X	1.677	1.677	0	%100
66	M88A	Z	2.905	2.905	0	%100
67	M90	X	1.75	1.75	0	%100
68	M90	Z	3.031	3.031	0	%100
69	M92A	X	2.203	2.203	0	%100
70	M92A	Z	3.815	3.815	0	%100
71	M93	X	1.677	1.677	0	%100
72	M93	Z	2.905	2.905	0	%100
73	M95	X	1.75	1.75	0	%100
74	M95	Z	3.031	3.031	0	%100
75	M82A	X	1.308	1.308	0	%100
76	M82A	Z	2.265	2.265	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	0	0	0	%100
79	MP5A	X	1.407	1.407	0	%100
80	MP5A	Z	2.437	2.437	0	%100
81	MP4A	X	1.407	1.407	0	%100
82	MP4A	Z	2.437	2.437	0	%100
83	MP3A	X	1.407	1.407	0	%100
84	MP3A	Z	2.437	2.437	0	%100
85	MP2A	X	1.557	1.557	0	%100
86	MP2A	Z	2.696	2.696	0	%100
87	MP1A	X	1.557	1.557	0	%100
88	MP1A	Z	2.696	2.696	0	%100
89	MP5C	X	1.407	1.407	0	%100
90	MP5C	Z	2.437	2.437	0	%100
91	MP4C	X	1.407	1.407	0	%100
92	MP4C	Z	2.437	2.437	0	%100
93	MP3C	X	1.407	1.407	0	%100
94	MP3C	Z	2.437	2.437	0	%100
95	MP2C	X	1.557	1.557	0	%100
96	MP2C	Z	2.696	2.696	0	%100
97	MP1C	X	1.557	1.557	0	%100
98	MP1C	Z	2.696	2.696	0	%100
99	MP5B	X	1.407	1.407	0	%100
100	MP5B	Z	2.437	2.437	0	%100
101	MP4B	X	1.407	1.407	0	%100
102	MP4B	Z	2.437	2.437	0	%100
103	3	X	1.407	1.407	0	%100
104	3	Z	2.437	2.437	0	%100
105	MP2B	X	1.557	1.557	0	%100
106	MP2B	Z	2.696	2.696	0	%100
107	MP1B	X	1.557	1.557	0	%100
108	MP1B	Z	2.696	2.696	0	%100
109	OVP	X	1.155	1.155	0	%100
110	OVP	Z	2	2	0	%100
111	M108	X	1.168	1.168	0	%100
112	M108	Z	2.022	2.022	0	%100
113	M116	X	0	0	0	%100
114	M116	Z	0	0	0	%100
115	M124	X	1.168	1.168	0	%100
116	M124	Z	2.022	2.022	0	%100
117	M132	X	1.251	1.251	0	%100
118	M132	Z	2.167	2.167	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
119	M133	X	0	0	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	1.251	1.251	0	%100
122	M134	Z	2.167	2.167	0	%100
123	M139	X	.138	.138	0	%100
124	M139	Z	.24	.24	0	%100
125	M140	X	.138	.138	0	%100
126	M140	Z	.24	.24	0	%100
127	MP3B	X	1.407	1.407	0	%100
128	MP3B	Z	2.437	2.437	0	%100
129	M148	X	.138	.138	0	%100
130	M148	Z	.24	.24	0	%100
131	M149	X	.138	.138	0	%100
132	M149	Z	.24	.24	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.872	.872	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	2.641	2.641	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.716	.716	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	.716	.716	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	1.12	1.12	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	3.297	3.297	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	.824	.824	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	3.304	3.304	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	4.472	4.472	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	4.667	4.667	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	3.304	3.304	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	1.118	1.118	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	1.167	1.167	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	2.865	2.865	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	2.865	2.865	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	4.479	4.479	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	.824	.824	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	.824	.824	0	%100
39	M63	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,%]
40	M63	Z	0	0	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	1.118	1.118	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	1.167	1.167	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	1.118	1.118	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	1.167	1.167	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	2.641	2.641	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	.716	.716	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	.716	.716	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	1.12	1.12	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	.824	.824	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	3.297	3.297	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	3.304	3.304	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	1.118	1.118	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	1.167	1.167	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	3.304	3.304	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	4.472	4.472	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	4.667	4.667	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	3.488	3.488	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	.872	.872	0	%100
79	MP5A	X	0	0	0	%100
80	MP5A	Z	2.814	2.814	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	2.814	2.814	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	2.814	2.814	0	%100
85	MP2A	X	0	0	0	%100
86	MP2A	Z	3.114	3.114	0	%100
87	MP1A	X	0	0	0	%100
88	MP1A	Z	3.114	3.114	0	%100
89	MP5C	X	0	0	0	%100
90	MP5C	Z	2.814	2.814	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	2.814	2.814	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	2.814	2.814	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	3.114	3.114	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,%]
97	MP1C	X	0	0	0	%100
98	MP1C	Z	3.114	3.114	0	%100
99	MP5B	X	0	0	0	%100
100	MP5B	Z	2.814	2.814	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	2.814	2.814	0	%100
103	3	X	0	0	0	%100
104	3	Z	2.814	2.814	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	3.114	3.114	0	%100
107	MP1B	X	0	0	0	%100
108	MP1B	Z	3.114	3.114	0	%100
109	OVP	X	0	0	0	%100
110	OVP	Z	2.31	2.31	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	3.114	3.114	0	%100
113	M116	X	0	0	0	%100
114	M116	Z	.778	.778	0	%100
115	M124	X	0	0	0	%100
116	M124	Z	.778	.778	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	.834	.834	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	.834	.834	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	3.336	3.336	0	%100
123	M139	X	0	0	0	%100
124	M139	Z	.831	.831	0	%100
125	M140	X	0	0	0	%100
126	M140	Z	.831	.831	0	%100
127	MP3B	X	0	0	0	%100
128	MP3B	Z	2.814	2.814	0	%100
129	M148	X	0	0	0	%100
130	M148	Z	.831	.831	0	%100
131	M149	X	0	0	0	%100
132	M149	Z	.831	.831	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-1.76	-1.76	0	%100
4	M4	Z	3.049	3.049	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-1.236	-1.236	0	%100
12	M51B	Z	2.141	2.141	0	%100
13	M52B	X	-1.236	-1.236	0	%100
14	M52B	Z	2.141	2.141	0	%100
15	M76	X	-2.203	-2.203	0	%100
16	M76	Z	3.815	3.815	0	%100
17	M77	X	-1.677	-1.677	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,%]
18	M77	Z	2.905	2.905	0	%100
19	M80	X	-1.75	-1.75	0	%100
20	M80	Z	3.031	3.031	0	%100
21	M84	X	-2.203	-2.203	0	%100
22	M84	Z	3.815	3.815	0	%100
23	M85	X	-1.677	-1.677	0	%100
24	M85	Z	2.905	2.905	0	%100
25	M91	X	-1.75	-1.75	0	%100
26	M91	Z	3.031	3.031	0	%100
27	M52A	X	-.44	-.44	0	%100
28	M52A	Z	.762	.762	0	%100
29	M53	X	-1.074	-1.074	0	%100
30	M53	Z	1.861	1.861	0	%100
31	M54	X	-1.074	-1.074	0	%100
32	M54	Z	1.861	1.861	0	%100
33	M55	X	-1.679	-1.679	0	%100
34	M55	Z	2.909	2.909	0	%100
35	M58A	X	-1.236	-1.236	0	%100
36	M58A	Z	2.141	2.141	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	-.551	-.551	0	%100
40	M63	Z	.954	.954	0	%100
41	M64	X	-1.677	-1.677	0	%100
42	M64	Z	2.905	2.905	0	%100
43	M66	X	-1.75	-1.75	0	%100
44	M66	Z	3.031	3.031	0	%100
45	M68	X	-.551	-.551	0	%100
46	M68	Z	.954	.954	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	-.44	-.44	0	%100
52	M76A	Z	.762	.762	0	%100
53	M77A	X	-1.074	-1.074	0	%100
54	M77A	Z	1.861	1.861	0	%100
55	M78	X	-1.074	-1.074	0	%100
56	M78	Z	1.861	1.861	0	%100
57	M79A	X	-1.679	-1.679	0	%100
58	M79A	Z	2.909	2.909	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	-1.236	-1.236	0	%100
62	M83A	Z	2.141	2.141	0	%100
63	M87	X	-.551	-.551	0	%100
64	M87	Z	.954	.954	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	-.551	-.551	0	%100
70	M92A	Z	.954	.954	0	%100
71	M93	X	-1.677	-1.677	0	%100
72	M93	Z	2.905	2.905	0	%100
73	M95	X	-1.75	-1.75	0	%100
74	M95	Z	3.031	3.031	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,%]
75	M82A	X	-1.308	-1.308	0	%100
76	M82A	Z	2.265	2.265	0	%100
77	M91B	X	-1.308	-1.308	0	%100
78	M91B	Z	2.265	2.265	0	%100
79	MP5A	X	-1.407	-1.407	0	%100
80	MP5A	Z	2.437	2.437	0	%100
81	MP4A	X	-1.407	-1.407	0	%100
82	MP4A	Z	2.437	2.437	0	%100
83	MP3A	X	-1.407	-1.407	0	%100
84	MP3A	Z	2.437	2.437	0	%100
85	MP2A	X	-1.557	-1.557	0	%100
86	MP2A	Z	2.696	2.696	0	%100
87	MP1A	X	-1.557	-1.557	0	%100
88	MP1A	Z	2.696	2.696	0	%100
89	MP5C	X	-1.407	-1.407	0	%100
90	MP5C	Z	2.437	2.437	0	%100
91	MP4C	X	-1.407	-1.407	0	%100
92	MP4C	Z	2.437	2.437	0	%100
93	MP3C	X	-1.407	-1.407	0	%100
94	MP3C	Z	2.437	2.437	0	%100
95	MP2C	X	-1.557	-1.557	0	%100
96	MP2C	Z	2.696	2.696	0	%100
97	MP1C	X	-1.557	-1.557	0	%100
98	MP1C	Z	2.696	2.696	0	%100
99	MP5B	X	-1.407	-1.407	0	%100
100	MP5B	Z	2.437	2.437	0	%100
101	MP4B	X	-1.407	-1.407	0	%100
102	MP4B	Z	2.437	2.437	0	%100
103	3	X	-1.407	-1.407	0	%100
104	3	Z	2.437	2.437	0	%100
105	MP2B	X	-1.557	-1.557	0	%100
106	MP2B	Z	2.696	2.696	0	%100
107	MP1B	X	-1.557	-1.557	0	%100
108	MP1B	Z	2.696	2.696	0	%100
109	OVP	X	-1.155	-1.155	0	%100
110	OVP	Z	2	2	0	%100
111	M108	X	-1.168	-1.168	0	%100
112	M108	Z	2.022	2.022	0	%100
113	M116	X	-1.168	-1.168	0	%100
114	M116	Z	2.022	2.022	0	%100
115	M124	X	0	0	0	%100
116	M124	Z	0	0	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-1.251	-1.251	0	%100
120	M133	Z	2.167	2.167	0	%100
121	M134	X	-1.251	-1.251	0	%100
122	M134	Z	2.167	2.167	0	%100
123	M139	X	-.554	-.554	0	%100
124	M139	Z	.959	.959	0	%100
125	M140	X	-.554	-.554	0	%100
126	M140	Z	.959	.959	0	%100
127	MP3B	X	-1.407	-1.407	0	%100
128	MP3B	Z	2.437	2.437	0	%100
129	M148	X	-.554	-.554	0	%100
130	M148	Z	.959	.959	0	%100
131	M149	X	-.554	-.554	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,%]
132	M149	Z	.959	.959	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.755	-.755	0	%100
2	M1	Z	.436	.436	0	%100
3	M4	X	-2.287	-2.287	0	%100
4	M4	Z	1.32	1.32	0	%100
5	M10	X	-.62	-.62	0	%100
6	M10	Z	.358	.358	0	%100
7	M43	X	-.62	-.62	0	%100
8	M43	Z	.358	.358	0	%100
9	M46	X	-.97	-.97	0	%100
10	M46	Z	.56	.56	0	%100
11	M51B	X	-.714	-.714	0	%100
12	M51B	Z	.412	.412	0	%100
13	M52B	X	-2.855	-2.855	0	%100
14	M52B	Z	1.648	1.648	0	%100
15	M76	X	-2.862	-2.862	0	%100
16	M76	Z	1.652	1.652	0	%100
17	M77	X	-.968	-.968	0	%100
18	M77	Z	.559	.559	0	%100
19	M80	X	-1.01	-1.01	0	%100
20	M80	Z	.583	.583	0	%100
21	M84	X	-2.862	-2.862	0	%100
22	M84	Z	1.652	1.652	0	%100
23	M85	X	-3.873	-3.873	0	%100
24	M85	Z	2.236	2.236	0	%100
25	M91	X	-4.042	-4.042	0	%100
26	M91	Z	2.334	2.334	0	%100
27	M52A	X	-2.287	-2.287	0	%100
28	M52A	Z	1.32	1.32	0	%100
29	M53	X	-.62	-.62	0	%100
30	M53	Z	.358	.358	0	%100
31	M54	X	-.62	-.62	0	%100
32	M54	Z	.358	.358	0	%100
33	M55	X	-.97	-.97	0	%100
34	M55	Z	.56	.56	0	%100
35	M58A	X	-2.855	-2.855	0	%100
36	M58A	Z	1.648	1.648	0	%100
37	M59A	X	-.714	-.714	0	%100
38	M59A	Z	.412	.412	0	%100
39	M63	X	-2.862	-2.862	0	%100
40	M63	Z	1.652	1.652	0	%100
41	M64	X	-3.873	-3.873	0	%100
42	M64	Z	2.236	2.236	0	%100
43	M66	X	-4.042	-4.042	0	%100
44	M66	Z	2.334	2.334	0	%100
45	M68	X	-2.862	-2.862	0	%100
46	M68	Z	1.652	1.652	0	%100
47	M69	X	-.968	-.968	0	%100
48	M69	Z	.559	.559	0	%100
49	M71	X	-1.01	-1.01	0	%100
50	M71	Z	.583	.583	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M77A	X	-2.481	-2.481	0	%100
54	M77A	Z	1.433	1.433	0	%100
55	M78	X	-2.481	-2.481	0	%100
56	M78	Z	1.433	1.433	0	%100
57	M79A	X	-3.878	-3.878	0	%100
58	M79A	Z	2.239	2.239	0	%100
59	M82	X	-.714	-.714	0	%100
60	M82	Z	.412	.412	0	%100
61	M83A	X	-.714	-.714	0	%100
62	M83A	Z	.412	.412	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	-.968	-.968	0	%100
66	M88A	Z	.559	.559	0	%100
67	M90	X	-1.01	-1.01	0	%100
68	M90	Z	.583	.583	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	-.968	-.968	0	%100
72	M93	Z	.559	.559	0	%100
73	M95	X	-1.01	-1.01	0	%100
74	M95	Z	.583	.583	0	%100
75	M82A	X	-.755	-.755	0	%100
76	M82A	Z	.436	.436	0	%100
77	M91B	X	-3.021	-3.021	0	%100
78	M91B	Z	1.744	1.744	0	%100
79	MP5A	X	-2.437	-2.437	0	%100
80	MP5A	Z	1.407	1.407	0	%100
81	MP4A	X	-2.437	-2.437	0	%100
82	MP4A	Z	1.407	1.407	0	%100
83	MP3A	X	-2.437	-2.437	0	%100
84	MP3A	Z	1.407	1.407	0	%100
85	MP2A	X	-2.696	-2.696	0	%100
86	MP2A	Z	1.557	1.557	0	%100
87	MP1A	X	-2.696	-2.696	0	%100
88	MP1A	Z	1.557	1.557	0	%100
89	MP5C	X	-2.437	-2.437	0	%100
90	MP5C	Z	1.407	1.407	0	%100
91	MP4C	X	-2.437	-2.437	0	%100
92	MP4C	Z	1.407	1.407	0	%100
93	MP3C	X	-2.437	-2.437	0	%100
94	MP3C	Z	1.407	1.407	0	%100
95	MP2C	X	-2.696	-2.696	0	%100
96	MP2C	Z	1.557	1.557	0	%100
97	MP1C	X	-2.696	-2.696	0	%100
98	MP1C	Z	1.557	1.557	0	%100
99	MP5B	X	-2.437	-2.437	0	%100
100	MP5B	Z	1.407	1.407	0	%100
101	MP4B	X	-2.437	-2.437	0	%100
102	MP4B	Z	1.407	1.407	0	%100
103	3	X	-2.437	-2.437	0	%100
104	3	Z	1.407	1.407	0	%100
105	MP2B	X	-2.696	-2.696	0	%100
106	MP2B	Z	1.557	1.557	0	%100
107	MP1B	X	-2.696	-2.696	0	%100
108	MP1B	Z	1.557	1.557	0	%100
109	OVP	X	-2	-2	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,%]
110	OVP	Z	1.155	1.155	0	%100
111	M108	X	-.674	-.674	0	%100
112	M108	Z	.389	.389	0	%100
113	M116	X	-2.696	-2.696	0	%100
114	M116	Z	1.557	1.557	0	%100
115	M124	X	-.674	-.674	0	%100
116	M124	Z	.389	.389	0	%100
117	M132	X	-.722	-.722	0	%100
118	M132	Z	.417	.417	0	%100
119	M133	X	-2.889	-2.889	0	%100
120	M133	Z	1.668	1.668	0	%100
121	M134	X	-.722	-.722	0	%100
122	M134	Z	.417	.417	0	%100
123	M139	X	-.72	-.72	0	%100
124	M139	Z	.415	.415	0	%100
125	M140	X	-.72	-.72	0	%100
126	M140	Z	.415	.415	0	%100
127	MP3B	X	-2.437	-2.437	0	%100
128	MP3B	Z	1.407	1.407	0	%100
129	M148	X	-.72	-.72	0	%100
130	M148	Z	.415	.415	0	%100
131	M149	X	-.72	-.72	0	%100
132	M149	Z	.415	.415	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.616	-2.616	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.88	-.88	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	-2.149	-2.149	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	-2.149	-2.149	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	-3.359	-3.359	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-2.473	-2.473	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-1.101	-1.101	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-1.101	-1.101	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-3.354	-3.354	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-3.5	-3.5	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	-3.521	-3.521	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
31	M54	X	0	0	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	-2.473	-2.473	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	-2.473	-2.473	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	-4.406	-4.406	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	-3.354	-3.354	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	-3.5	-3.5	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	-4.406	-4.406	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	-3.354	-3.354	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	-3.5	-3.5	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	-.88	-.88	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	-2.149	-2.149	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	-2.149	-2.149	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	-3.359	-3.359	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	-2.473	-2.473	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	-1.101	-1.101	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	-3.354	-3.354	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	-3.5	-3.5	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	-1.101	-1.101	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	-2.616	-2.616	0	%100
78	M91B	Z	0	0	0	%100
79	MP5A	X	-2.814	-2.814	0	%100
80	MP5A	Z	0	0	0	%100
81	MP4A	X	-2.814	-2.814	0	%100
82	MP4A	Z	0	0	0	%100
83	MP3A	X	-2.814	-2.814	0	%100
84	MP3A	Z	0	0	0	%100
85	MP2A	X	-3.114	-3.114	0	%100
86	MP2A	Z	0	0	0	%100
87	MP1A	X	-3.114	-3.114	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
88	MP1A	Z	0	0	0	%100
89	MP5C	X	-2.814	-2.814	0	%100
90	MP5C	Z	0	0	0	%100
91	MP4C	X	-2.814	-2.814	0	%100
92	MP4C	Z	0	0	0	%100
93	MP3C	X	-2.814	-2.814	0	%100
94	MP3C	Z	0	0	0	%100
95	MP2C	X	-3.114	-3.114	0	%100
96	MP2C	Z	0	0	0	%100
97	MP1C	X	-3.114	-3.114	0	%100
98	MP1C	Z	0	0	0	%100
99	MP5B	X	-2.814	-2.814	0	%100
100	MP5B	Z	0	0	0	%100
101	MP4B	X	-2.814	-2.814	0	%100
102	MP4B	Z	0	0	0	%100
103	3	X	-2.814	-2.814	0	%100
104	3	Z	0	0	0	%100
105	MP2B	X	-3.114	-3.114	0	%100
106	MP2B	Z	0	0	0	%100
107	MP1B	X	-3.114	-3.114	0	%100
108	MP1B	Z	0	0	0	%100
109	OVP	X	-2.31	-2.31	0	%100
110	OVP	Z	0	0	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M116	X	-2.335	-2.335	0	%100
114	M116	Z	0	0	0	%100
115	M124	X	-2.335	-2.335	0	%100
116	M124	Z	0	0	0	%100
117	M132	X	-2.502	-2.502	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-2.502	-2.502	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	0	0	0	%100
123	M139	X	-.277	-.277	0	%100
124	M139	Z	0	0	0	%100
125	M140	X	-.277	-.277	0	%100
126	M140	Z	0	0	0	%100
127	MP3B	X	-2.814	-2.814	0	%100
128	MP3B	Z	0	0	0	%100
129	M148	X	-.277	-.277	0	%100
130	M148	Z	0	0	0	%100
131	M149	X	-.277	-.277	0	%100
132	M149	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.021	-3.021	0	%100
2	M1	Z	-1.744	-1.744	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	-2.481	-2.481	0	%100
6	M10	Z	-1.433	-1.433	0	%100
7	M43	X	-2.481	-2.481	0	%100
8	M43	Z	-1.433	-1.433	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,%]
9	M46	X	-3.878	-3.878	0	%100
10	M46	Z	-2.239	-2.239	0	%100
11	M51B	X	-.714	-.714	0	%100
12	M51B	Z	-.412	-.412	0	%100
13	M52B	X	-.714	-.714	0	%100
14	M52B	Z	-.412	-.412	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-.968	-.968	0	%100
18	M77	Z	-.559	-.559	0	%100
19	M80	X	-1.01	-1.01	0	%100
20	M80	Z	-.583	-.583	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-.968	-.968	0	%100
24	M85	Z	-.559	-.559	0	%100
25	M91	X	-1.01	-1.01	0	%100
26	M91	Z	-.583	-.583	0	%100
27	M52A	X	-2.287	-2.287	0	%100
28	M52A	Z	-1.32	-1.32	0	%100
29	M53	X	-.62	-.62	0	%100
30	M53	Z	-.358	-.358	0	%100
31	M54	X	-.62	-.62	0	%100
32	M54	Z	-.358	-.358	0	%100
33	M55	X	-.97	-.97	0	%100
34	M55	Z	-.56	-.56	0	%100
35	M58A	X	-.714	-.714	0	%100
36	M58A	Z	-.412	-.412	0	%100
37	M59A	X	-2.855	-2.855	0	%100
38	M59A	Z	-1.648	-1.648	0	%100
39	M63	X	-2.862	-2.862	0	%100
40	M63	Z	-1.652	-1.652	0	%100
41	M64	X	-.968	-.968	0	%100
42	M64	Z	-.559	-.559	0	%100
43	M66	X	-1.01	-1.01	0	%100
44	M66	Z	-.583	-.583	0	%100
45	M68	X	-2.862	-2.862	0	%100
46	M68	Z	-1.652	-1.652	0	%100
47	M69	X	-3.873	-3.873	0	%100
48	M69	Z	-2.236	-2.236	0	%100
49	M71	X	-4.042	-4.042	0	%100
50	M71	Z	-2.334	-2.334	0	%100
51	M76A	X	-2.287	-2.287	0	%100
52	M76A	Z	-1.32	-1.32	0	%100
53	M77A	X	-.62	-.62	0	%100
54	M77A	Z	-.358	-.358	0	%100
55	M78	X	-.62	-.62	0	%100
56	M78	Z	-.358	-.358	0	%100
57	M79A	X	-.97	-.97	0	%100
58	M79A	Z	-.56	-.56	0	%100
59	M82	X	-2.855	-2.855	0	%100
60	M82	Z	-1.648	-1.648	0	%100
61	M83A	X	-.714	-.714	0	%100
62	M83A	Z	-.412	-.412	0	%100
63	M87	X	-2.862	-2.862	0	%100
64	M87	Z	-1.652	-1.652	0	%100
65	M88A	X	-3.873	-3.873	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,%]
66	M88A	Z	-2.236	-2.236	0	%100
67	M90	X	-4.042	-4.042	0	%100
68	M90	Z	-2.334	-2.334	0	%100
69	M92A	X	-2.862	-2.862	0	%100
70	M92A	Z	-1.652	-1.652	0	%100
71	M93	X	-.968	-.968	0	%100
72	M93	Z	-.559	-.559	0	%100
73	M95	X	-1.01	-1.01	0	%100
74	M95	Z	-.583	-.583	0	%100
75	M82A	X	-.755	-.755	0	%100
76	M82A	Z	-.436	-.436	0	%100
77	M91B	X	-.755	-.755	0	%100
78	M91B	Z	-.436	-.436	0	%100
79	MP5A	X	-2.437	-2.437	0	%100
80	MP5A	Z	-1.407	-1.407	0	%100
81	MP4A	X	-2.437	-2.437	0	%100
82	MP4A	Z	-1.407	-1.407	0	%100
83	MP3A	X	-2.437	-2.437	0	%100
84	MP3A	Z	-1.407	-1.407	0	%100
85	MP2A	X	-2.696	-2.696	0	%100
86	MP2A	Z	-1.557	-1.557	0	%100
87	MP1A	X	-2.696	-2.696	0	%100
88	MP1A	Z	-1.557	-1.557	0	%100
89	MP5C	X	-2.437	-2.437	0	%100
90	MP5C	Z	-1.407	-1.407	0	%100
91	MP4C	X	-2.437	-2.437	0	%100
92	MP4C	Z	-1.407	-1.407	0	%100
93	MP3C	X	-2.437	-2.437	0	%100
94	MP3C	Z	-1.407	-1.407	0	%100
95	MP2C	X	-2.696	-2.696	0	%100
96	MP2C	Z	-1.557	-1.557	0	%100
97	MP1C	X	-2.696	-2.696	0	%100
98	MP1C	Z	-1.557	-1.557	0	%100
99	MP5B	X	-2.437	-2.437	0	%100
100	MP5B	Z	-1.407	-1.407	0	%100
101	MP4B	X	-2.437	-2.437	0	%100
102	MP4B	Z	-1.407	-1.407	0	%100
103	3	X	-2.437	-2.437	0	%100
104	3	Z	-1.407	-1.407	0	%100
105	MP2B	X	-2.696	-2.696	0	%100
106	MP2B	Z	-1.557	-1.557	0	%100
107	MP1B	X	-2.696	-2.696	0	%100
108	MP1B	Z	-1.557	-1.557	0	%100
109	OVP	X	-2	-2	0	%100
110	OVP	Z	-1.155	-1.155	0	%100
111	M108	X	-.674	-.674	0	%100
112	M108	Z	-.389	-.389	0	%100
113	M116	X	-.674	-.674	0	%100
114	M116	Z	-.389	-.389	0	%100
115	M124	X	-2.696	-2.696	0	%100
116	M124	Z	-1.557	-1.557	0	%100
117	M132	X	-2.889	-2.889	0	%100
118	M132	Z	-1.668	-1.668	0	%100
119	M133	X	-.722	-.722	0	%100
120	M133	Z	-.417	-.417	0	%100
121	M134	X	-.722	-.722	0	%100
122	M134	Z	-.417	-.417	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,%]
123	M139	X	0	0	0	%100
124	M139	Z	0	0	0	%100
125	M140	X	0	0	0	%100
126	M140	Z	0	0	0	%100
127	MP3B	X	-2.437	-2.437	0	%100
128	MP3B	Z	-1.407	-1.407	0	%100
129	M148	X	0	0	0	%100
130	M148	Z	0	0	0	%100
131	M149	X	0	0	0	%100
132	M149	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.308	-1.308	0	%100
2	M1	Z	-2.265	-2.265	0	%100
3	M4	X	-.44	-.44	0	%100
4	M4	Z	-.762	-.762	0	%100
5	M10	X	-1.074	-1.074	0	%100
6	M10	Z	-1.861	-1.861	0	%100
7	M43	X	-1.074	-1.074	0	%100
8	M43	Z	-1.861	-1.861	0	%100
9	M46	X	-1.679	-1.679	0	%100
10	M46	Z	-2.909	-2.909	0	%100
11	M51B	X	-1.236	-1.236	0	%100
12	M51B	Z	-2.141	-2.141	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-.551	-.551	0	%100
16	M76	Z	-.954	-.954	0	%100
17	M77	X	-1.677	-1.677	0	%100
18	M77	Z	-2.905	-2.905	0	%100
19	M80	X	-1.75	-1.75	0	%100
20	M80	Z	-3.031	-3.031	0	%100
21	M84	X	-.551	-.551	0	%100
22	M84	Z	-.954	-.954	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	-.44	-.44	0	%100
28	M52A	Z	-.762	-.762	0	%100
29	M53	X	-1.074	-1.074	0	%100
30	M53	Z	-1.861	-1.861	0	%100
31	M54	X	-1.074	-1.074	0	%100
32	M54	Z	-1.861	-1.861	0	%100
33	M55	X	-1.679	-1.679	0	%100
34	M55	Z	-2.909	-2.909	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	-1.236	-1.236	0	%100
38	M59A	Z	-2.141	-2.141	0	%100
39	M63	X	-.551	-.551	0	%100
40	M63	Z	-.954	-.954	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	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,%]
44	M66	Z	0	0	0	%100
45	M68	X	-.551	-.551	0	%100
46	M68	Z	-.954	-.954	0	%100
47	M69	X	-1.677	-1.677	0	%100
48	M69	Z	-2.905	-2.905	0	%100
49	M71	X	-1.75	-1.75	0	%100
50	M71	Z	-3.031	-3.031	0	%100
51	M76A	X	-1.76	-1.76	0	%100
52	M76A	Z	-3.049	-3.049	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	-1.236	-1.236	0	%100
60	M82	Z	-2.141	-2.141	0	%100
61	M83A	X	-1.236	-1.236	0	%100
62	M83A	Z	-2.141	-2.141	0	%100
63	M87	X	-2.203	-2.203	0	%100
64	M87	Z	-3.815	-3.815	0	%100
65	M88A	X	-1.677	-1.677	0	%100
66	M88A	Z	-2.905	-2.905	0	%100
67	M90	X	-1.75	-1.75	0	%100
68	M90	Z	-3.031	-3.031	0	%100
69	M92A	X	-2.203	-2.203	0	%100
70	M92A	Z	-3.815	-3.815	0	%100
71	M93	X	-1.677	-1.677	0	%100
72	M93	Z	-2.905	-2.905	0	%100
73	M95	X	-1.75	-1.75	0	%100
74	M95	Z	-3.031	-3.031	0	%100
75	M82A	X	-1.308	-1.308	0	%100
76	M82A	Z	-2.265	-2.265	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	0	0	0	%100
79	MP5A	X	-1.407	-1.407	0	%100
80	MP5A	Z	-2.437	-2.437	0	%100
81	MP4A	X	-1.407	-1.407	0	%100
82	MP4A	Z	-2.437	-2.437	0	%100
83	MP3A	X	-1.407	-1.407	0	%100
84	MP3A	Z	-2.437	-2.437	0	%100
85	MP2A	X	-1.557	-1.557	0	%100
86	MP2A	Z	-2.696	-2.696	0	%100
87	MP1A	X	-1.557	-1.557	0	%100
88	MP1A	Z	-2.696	-2.696	0	%100
89	MP5C	X	-1.407	-1.407	0	%100
90	MP5C	Z	-2.437	-2.437	0	%100
91	MP4C	X	-1.407	-1.407	0	%100
92	MP4C	Z	-2.437	-2.437	0	%100
93	MP3C	X	-1.407	-1.407	0	%100
94	MP3C	Z	-2.437	-2.437	0	%100
95	MP2C	X	-1.557	-1.557	0	%100
96	MP2C	Z	-2.696	-2.696	0	%100
97	MP1C	X	-1.557	-1.557	0	%100
98	MP1C	Z	-2.696	-2.696	0	%100
99	MP5B	X	-1.407	-1.407	0	%100
100	MP5B	Z	-2.437	-2.437	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,%]
101	MP4B	X	-1.407	-1.407	0	%100
102	MP4B	Z	-2.437	-2.437	0	%100
103	3	X	-1.407	-1.407	0	%100
104	3	Z	-2.437	-2.437	0	%100
105	MP2B	X	-1.557	-1.557	0	%100
106	MP2B	Z	-2.696	-2.696	0	%100
107	MP1B	X	-1.557	-1.557	0	%100
108	MP1B	Z	-2.696	-2.696	0	%100
109	OVP	X	-1.155	-1.155	0	%100
110	OVP	Z	-2	-2	0	%100
111	M108	X	-1.168	-1.168	0	%100
112	M108	Z	-2.022	-2.022	0	%100
113	M116	X	0	0	0	%100
114	M116	Z	0	0	0	%100
115	M124	X	-1.168	-1.168	0	%100
116	M124	Z	-2.022	-2.022	0	%100
117	M132	X	-1.251	-1.251	0	%100
118	M132	Z	-2.167	-2.167	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	-1.251	-1.251	0	%100
122	M134	Z	-2.167	-2.167	0	%100
123	M139	X	-.138	-.138	0	%100
124	M139	Z	-.24	-.24	0	%100
125	M140	X	-.138	-.138	0	%100
126	M140	Z	-.24	-.24	0	%100
127	MP3B	X	-1.407	-1.407	0	%100
128	MP3B	Z	-2.437	-2.437	0	%100
129	M148	X	-.138	-.138	0	%100
130	M148	Z	-.24	-.24	0	%100
131	M149	X	-.138	-.138	0	%100
132	M149	Z	-.24	-.24	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.185	-.185	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	-.575	-.575	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.162	-.162	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-.162	-.162	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-.323	-.323	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-.718	-.718	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-.18	-.18	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	-.97	-.97	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-1.318	-1.318	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-1.388	-1.388	0	%100
21	M84	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,%]
22	M84	Z	-.97	-.97	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-.329	-.329	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	-.347	-.347	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	-.649	-.649	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	-.649	-.649	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	-1.294	-1.294	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	-.18	-.18	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	-.18	-.18	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	-.329	-.329	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	-.347	-.347	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	-.329	-.329	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	-.347	-.347	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	-.575	-.575	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	-.162	-.162	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	-.162	-.162	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	-.323	-.323	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	-.18	-.18	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	-.718	-.718	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	-.97	-.97	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	-.329	-.329	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	-.347	-.347	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	-.97	-.97	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	-1.318	-1.318	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	-1.388	-1.388	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	-.742	-.742	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	-.185	-.185	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,%]
79	MP5A	X	0	0	0	%100
80	MP5A	Z	-.512	-.512	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	-.512	-.512	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-.512	-.512	0	%100
85	MP2A	X	0	0	0	%100
86	MP2A	Z	-.62	-.62	0	%100
87	MP1A	X	0	0	0	%100
88	MP1A	Z	-.62	-.62	0	%100
89	MP5C	X	0	0	0	%100
90	MP5C	Z	-.512	-.512	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	-.512	-.512	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	-.512	-.512	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-.62	-.62	0	%100
97	MP1C	X	0	0	0	%100
98	MP1C	Z	-.62	-.62	0	%100
99	MP5B	X	0	0	0	%100
100	MP5B	Z	-.512	-.512	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-.512	-.512	0	%100
103	3	X	0	0	0	%100
104	3	Z	-.512	-.512	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	-.62	-.62	0	%100
107	MP1B	X	0	0	0	%100
108	MP1B	Z	-.62	-.62	0	%100
109	OVP	X	0	0	0	%100
110	OVP	Z	-.419	-.419	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-.62	-.62	0	%100
113	M116	X	0	0	0	%100
114	M116	Z	-.155	-.155	0	%100
115	M124	X	0	0	0	%100
116	M124	Z	-.155	-.155	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	-.203	-.203	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	-.203	-.203	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	-.811	-.811	0	%100
123	M139	X	0	0	0	%100
124	M139	Z	-.07	-.07	0	%100
125	M140	X	0	0	0	%100
126	M140	Z	-.07	-.07	0	%100
127	MP3B	X	0	0	0	%100
128	MP3B	Z	-.512	-.512	0	%100
129	M148	X	0	0	0	%100
130	M148	Z	-.07	-.07	0	%100
131	M149	X	0	0	0	%100
132	M149	Z	-.07	-.07	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,%]

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,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.383	.383	0	%100
4	M4	Z	-.664	-.664	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	.269	.269	0	%100
12	M51B	Z	-.467	-.467	0	%100
13	M52B	X	.269	.269	0	%100
14	M52B	Z	-.467	-.467	0	%100
15	M76	X	.647	.647	0	%100
16	M76	Z	-1.12	-1.12	0	%100
17	M77	X	.494	.494	0	%100
18	M77	Z	-.856	-.856	0	%100
19	M80	X	.52	.52	0	%100
20	M80	Z	-.902	-.902	0	%100
21	M84	X	.647	.647	0	%100
22	M84	Z	-1.12	-1.12	0	%100
23	M85	X	.494	.494	0	%100
24	M85	Z	-.856	-.856	0	%100
25	M91	X	.52	.52	0	%100
26	M91	Z	-.902	-.902	0	%100
27	M52A	X	.096	.096	0	%100
28	M52A	Z	-.166	-.166	0	%100
29	M53	X	.243	.243	0	%100
30	M53	Z	-.421	-.421	0	%100
31	M54	X	.243	.243	0	%100
32	M54	Z	-.421	-.421	0	%100
33	M55	X	.485	.485	0	%100
34	M55	Z	-.84	-.84	0	%100
35	M58A	X	.269	.269	0	%100
36	M58A	Z	-.467	-.467	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	.162	.162	0	%100
40	M63	Z	-.28	-.28	0	%100
41	M64	X	.494	.494	0	%100
42	M64	Z	-.856	-.856	0	%100
43	M66	X	.52	.52	0	%100
44	M66	Z	-.902	-.902	0	%100
45	M68	X	.162	.162	0	%100
46	M68	Z	-.28	-.28	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	.096	.096	0	%100
52	M76A	Z	-.166	-.166	0	%100
53	M77A	X	.243	.243	0	%100
54	M77A	Z	-.421	-.421	0	%100
55	M78	X	.243	.243	0	%100
56	M78	Z	-.421	-.421	0	%100
57	M79A	X	.485	.485	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,%]
58	M79A	Z	-.84	-.84	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	.269	.269	0	%100
62	M83A	Z	-.467	-.467	0	%100
63	M87	X	.162	.162	0	%100
64	M87	Z	-.28	-.28	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	.162	.162	0	%100
70	M92A	Z	-.28	-.28	0	%100
71	M93	X	.494	.494	0	%100
72	M93	Z	-.856	-.856	0	%100
73	M95	X	.52	.52	0	%100
74	M95	Z	-.902	-.902	0	%100
75	M82A	X	.278	.278	0	%100
76	M82A	Z	-.482	-.482	0	%100
77	M91B	X	.278	.278	0	%100
78	M91B	Z	-.482	-.482	0	%100
79	MP5A	X	.256	.256	0	%100
80	MP5A	Z	-.444	-.444	0	%100
81	MP4A	X	.256	.256	0	%100
82	MP4A	Z	-.444	-.444	0	%100
83	MP3A	X	.256	.256	0	%100
84	MP3A	Z	-.444	-.444	0	%100
85	MP2A	X	.31	.31	0	%100
86	MP2A	Z	-.537	-.537	0	%100
87	MP1A	X	.31	.31	0	%100
88	MP1A	Z	-.537	-.537	0	%100
89	MP5C	X	.256	.256	0	%100
90	MP5C	Z	-.444	-.444	0	%100
91	MP4C	X	.256	.256	0	%100
92	MP4C	Z	-.444	-.444	0	%100
93	MP3C	X	.256	.256	0	%100
94	MP3C	Z	-.444	-.444	0	%100
95	MP2C	X	.31	.31	0	%100
96	MP2C	Z	-.537	-.537	0	%100
97	MP1C	X	.31	.31	0	%100
98	MP1C	Z	-.537	-.537	0	%100
99	MP5B	X	.256	.256	0	%100
100	MP5B	Z	-.444	-.444	0	%100
101	MP4B	X	.256	.256	0	%100
102	MP4B	Z	-.444	-.444	0	%100
103	3	X	.256	.256	0	%100
104	3	Z	-.444	-.444	0	%100
105	MP2B	X	.31	.31	0	%100
106	MP2B	Z	-.537	-.537	0	%100
107	MP1B	X	.31	.31	0	%100
108	MP1B	Z	-.537	-.537	0	%100
109	OVP	X	.209	.209	0	%100
110	OVP	Z	-.363	-.363	0	%100
111	M108	X	.232	.232	0	%100
112	M108	Z	-.403	-.403	0	%100
113	M116	X	.232	.232	0	%100
114	M116	Z	-.403	-.403	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,%]
115	M124	X	0	0	0	%100
116	M124	Z	0	0	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	.304	.304	0	%100
120	M133	Z	-.527	-.527	0	%100
121	M134	X	.304	.304	0	%100
122	M134	Z	-.527	-.527	0	%100
123	M139	X	.047	.047	0	%100
124	M139	Z	-.081	-.081	0	%100
125	M140	X	.047	.047	0	%100
126	M140	Z	-.081	-.081	0	%100
127	MP3B	X	.256	.256	0	%100
128	MP3B	Z	-.444	-.444	0	%100
129	M148	X	.047	.047	0	%100
130	M148	Z	-.081	-.081	0	%100
131	M149	X	.047	.047	0	%100
132	M149	Z	-.081	-.081	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.161	.161	0	%100
2	M1	Z	-.093	-.093	0	%100
3	M4	X	.498	.498	0	%100
4	M4	Z	-.287	-.287	0	%100
5	M10	X	.14	.14	0	%100
6	M10	Z	-.081	-.081	0	%100
7	M43	X	.14	.14	0	%100
8	M43	Z	-.081	-.081	0	%100
9	M46	X	.28	.28	0	%100
10	M46	Z	-.162	-.162	0	%100
11	M51B	X	.156	.156	0	%100
12	M51B	Z	-.09	-.09	0	%100
13	M52B	X	.622	.622	0	%100
14	M52B	Z	-.359	-.359	0	%100
15	M76	X	.84	.84	0	%100
16	M76	Z	-.485	-.485	0	%100
17	M77	X	.285	.285	0	%100
18	M77	Z	-.165	-.165	0	%100
19	M80	X	.301	.301	0	%100
20	M80	Z	-.173	-.173	0	%100
21	M84	X	.84	.84	0	%100
22	M84	Z	-.485	-.485	0	%100
23	M85	X	1.141	1.141	0	%100
24	M85	Z	-.659	-.659	0	%100
25	M91	X	1.202	1.202	0	%100
26	M91	Z	-.694	-.694	0	%100
27	M52A	X	.498	.498	0	%100
28	M52A	Z	-.287	-.287	0	%100
29	M53	X	.14	.14	0	%100
30	M53	Z	-.081	-.081	0	%100
31	M54	X	.14	.14	0	%100
32	M54	Z	-.081	-.081	0	%100
33	M55	X	.28	.28	0	%100
34	M55	Z	-.162	-.162	0	%100
35	M58A	X	.622	.622	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,%]
36	M58A	Z	-.359	-.359	0	%100
37	M59A	X	.156	.156	0	%100
38	M59A	Z	-.09	-.09	0	%100
39	M63	X	.84	.84	0	%100
40	M63	Z	-.485	-.485	0	%100
41	M64	X	1.141	1.141	0	%100
42	M64	Z	-.659	-.659	0	%100
43	M66	X	1.202	1.202	0	%100
44	M66	Z	-.694	-.694	0	%100
45	M68	X	.84	.84	0	%100
46	M68	Z	-.485	-.485	0	%100
47	M69	X	.285	.285	0	%100
48	M69	Z	-.165	-.165	0	%100
49	M71	X	.301	.301	0	%100
50	M71	Z	-.173	-.173	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	.562	.562	0	%100
54	M77A	Z	-.324	-.324	0	%100
55	M78	X	.562	.562	0	%100
56	M78	Z	-.324	-.324	0	%100
57	M79A	X	1.12	1.12	0	%100
58	M79A	Z	-.647	-.647	0	%100
59	M82	X	.156	.156	0	%100
60	M82	Z	-.09	-.09	0	%100
61	M83A	X	.156	.156	0	%100
62	M83A	Z	-.09	-.09	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	.285	.285	0	%100
66	M88A	Z	-.165	-.165	0	%100
67	M90	X	.301	.301	0	%100
68	M90	Z	-.173	-.173	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	.285	.285	0	%100
72	M93	Z	-.165	-.165	0	%100
73	M95	X	.301	.301	0	%100
74	M95	Z	-.173	-.173	0	%100
75	M82A	X	.161	.161	0	%100
76	M82A	Z	-.093	-.093	0	%100
77	M91B	X	.643	.643	0	%100
78	M91B	Z	-.371	-.371	0	%100
79	MP5A	X	.444	.444	0	%100
80	MP5A	Z	-.256	-.256	0	%100
81	MP4A	X	.444	.444	0	%100
82	MP4A	Z	-.256	-.256	0	%100
83	MP3A	X	.444	.444	0	%100
84	MP3A	Z	-.256	-.256	0	%100
85	MP2A	X	.537	.537	0	%100
86	MP2A	Z	-.31	-.31	0	%100
87	MP1A	X	.537	.537	0	%100
88	MP1A	Z	-.31	-.31	0	%100
89	MP5C	X	.444	.444	0	%100
90	MP5C	Z	-.256	-.256	0	%100
91	MP4C	X	.444	.444	0	%100
92	MP4C	Z	-.256	-.256	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,%]
93	MP3C	X	.444	.444	0	%100
94	MP3C	Z	-.256	-.256	0	%100
95	MP2C	X	.537	.537	0	%100
96	MP2C	Z	-.31	-.31	0	%100
97	MP1C	X	.537	.537	0	%100
98	MP1C	Z	-.31	-.31	0	%100
99	MP5B	X	.444	.444	0	%100
100	MP5B	Z	-.256	-.256	0	%100
101	MP4B	X	.444	.444	0	%100
102	MP4B	Z	-.256	-.256	0	%100
103	3	X	.444	.444	0	%100
104	3	Z	-.256	-.256	0	%100
105	MP2B	X	.537	.537	0	%100
106	MP2B	Z	-.31	-.31	0	%100
107	MP1B	X	.537	.537	0	%100
108	MP1B	Z	-.31	-.31	0	%100
109	OVP	X	.363	.363	0	%100
110	OVP	Z	-.209	-.209	0	%100
111	M108	X	.134	.134	0	%100
112	M108	Z	-.077	-.077	0	%100
113	M116	X	.537	.537	0	%100
114	M116	Z	-.31	-.31	0	%100
115	M124	X	.134	.134	0	%100
116	M124	Z	-.077	-.077	0	%100
117	M132	X	.176	.176	0	%100
118	M132	Z	-.101	-.101	0	%100
119	M133	X	.702	.702	0	%100
120	M133	Z	-.405	-.405	0	%100
121	M134	X	.176	.176	0	%100
122	M134	Z	-.101	-.101	0	%100
123	M139	X	.061	.061	0	%100
124	M139	Z	-.035	-.035	0	%100
125	M140	X	.061	.061	0	%100
126	M140	Z	-.035	-.035	0	%100
127	MP3B	X	.444	.444	0	%100
128	MP3B	Z	-.256	-.256	0	%100
129	M148	X	.061	.061	0	%100
130	M148	Z	-.035	-.035	0	%100
131	M149	X	.061	.061	0	%100
132	M149	Z	-.035	-.035	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.556	.556	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.192	.192	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	.486	.486	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	.486	.486	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	.97	.97	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	.539	.539	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,%]
14	M52B	Z	0	0	0	%100
15	M76	X	.323	.323	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	.323	.323	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	.988	.988	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	1.041	1.041	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	.767	.767	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	.539	.539	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	.539	.539	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	1.294	1.294	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	.988	.988	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	1.041	1.041	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	1.294	1.294	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	.988	.988	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	1.041	1.041	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	.192	.192	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	.486	.486	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	.486	.486	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	.97	.97	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	.539	.539	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	.323	.323	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	.988	.988	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	1.041	1.041	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	.323	.323	0	%100
70	M92A	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,%]
71	M93	X	0	0	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	.556	.556	0	%100
78	M91B	Z	0	0	0	%100
79	MP5A	X	.512	.512	0	%100
80	MP5A	Z	0	0	0	%100
81	MP4A	X	.512	.512	0	%100
82	MP4A	Z	0	0	0	%100
83	MP3A	X	.512	.512	0	%100
84	MP3A	Z	0	0	0	%100
85	MP2A	X	.62	.62	0	%100
86	MP2A	Z	0	0	0	%100
87	MP1A	X	.62	.62	0	%100
88	MP1A	Z	0	0	0	%100
89	MP5C	X	.512	.512	0	%100
90	MP5C	Z	0	0	0	%100
91	MP4C	X	.512	.512	0	%100
92	MP4C	Z	0	0	0	%100
93	MP3C	X	.512	.512	0	%100
94	MP3C	Z	0	0	0	%100
95	MP2C	X	.62	.62	0	%100
96	MP2C	Z	0	0	0	%100
97	MP1C	X	.62	.62	0	%100
98	MP1C	Z	0	0	0	%100
99	MP5B	X	.512	.512	0	%100
100	MP5B	Z	0	0	0	%100
101	MP4B	X	.512	.512	0	%100
102	MP4B	Z	0	0	0	%100
103	3	X	.512	.512	0	%100
104	3	Z	0	0	0	%100
105	MP2B	X	.62	.62	0	%100
106	MP2B	Z	0	0	0	%100
107	MP1B	X	.62	.62	0	%100
108	MP1B	Z	0	0	0	%100
109	OVP	X	.419	.419	0	%100
110	OVP	Z	0	0	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M116	X	.465	.465	0	%100
114	M116	Z	0	0	0	%100
115	M124	X	.465	.465	0	%100
116	M124	Z	0	0	0	%100
117	M132	X	.608	.608	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	.608	.608	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	0	0	0	%100
123	M139	X	.023	.023	0	%100
124	M139	Z	0	0	0	%100
125	M140	X	.023	.023	0	%100
126	M140	Z	0	0	0	%100
127	MP3B	X	.512	.512	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,%]
128	MP3B	Z	0	0	0	%100
129	M148	X	.023	.023	0	%100
130	M148	Z	0	0	0	%100
131	M149	X	.023	.023	0	%100
132	M149	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.643	.643	0	%100
2	M1	Z	.371	.371	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	.562	.562	0	%100
6	M10	Z	.324	.324	0	%100
7	M43	X	.562	.562	0	%100
8	M43	Z	.324	.324	0	%100
9	M46	X	1.12	1.12	0	%100
10	M46	Z	.647	.647	0	%100
11	M51B	X	.156	.156	0	%100
12	M51B	Z	.09	.09	0	%100
13	M52B	X	.156	.156	0	%100
14	M52B	Z	.09	.09	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	.285	.285	0	%100
18	M77	Z	.165	.165	0	%100
19	M80	X	.301	.301	0	%100
20	M80	Z	.173	.173	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	.285	.285	0	%100
24	M85	Z	.165	.165	0	%100
25	M91	X	.301	.301	0	%100
26	M91	Z	.173	.173	0	%100
27	M52A	X	.498	.498	0	%100
28	M52A	Z	.287	.287	0	%100
29	M53	X	.14	.14	0	%100
30	M53	Z	.081	.081	0	%100
31	M54	X	.14	.14	0	%100
32	M54	Z	.081	.081	0	%100
33	M55	X	.28	.28	0	%100
34	M55	Z	.162	.162	0	%100
35	M58A	X	.156	.156	0	%100
36	M58A	Z	.09	.09	0	%100
37	M59A	X	.622	.622	0	%100
38	M59A	Z	.359	.359	0	%100
39	M63	X	.84	.84	0	%100
40	M63	Z	.485	.485	0	%100
41	M64	X	.285	.285	0	%100
42	M64	Z	.165	.165	0	%100
43	M66	X	.301	.301	0	%100
44	M66	Z	.173	.173	0	%100
45	M68	X	.84	.84	0	%100
46	M68	Z	.485	.485	0	%100
47	M69	X	1.141	1.141	0	%100
48	M69	Z	.659	.659	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,%]
49	M71	X	1.202	1.202	0	%100
50	M71	Z	.694	.694	0	%100
51	M76A	X	.498	.498	0	%100
52	M76A	Z	.287	.287	0	%100
53	M77A	X	.14	.14	0	%100
54	M77A	Z	.081	.081	0	%100
55	M78	X	.14	.14	0	%100
56	M78	Z	.081	.081	0	%100
57	M79A	X	.28	.28	0	%100
58	M79A	Z	.162	.162	0	%100
59	M82	X	.622	.622	0	%100
60	M82	Z	.359	.359	0	%100
61	M83A	X	.156	.156	0	%100
62	M83A	Z	.09	.09	0	%100
63	M87	X	.84	.84	0	%100
64	M87	Z	.485	.485	0	%100
65	M88A	X	1.141	1.141	0	%100
66	M88A	Z	.659	.659	0	%100
67	M90	X	1.202	1.202	0	%100
68	M90	Z	.694	.694	0	%100
69	M92A	X	.84	.84	0	%100
70	M92A	Z	.485	.485	0	%100
71	M93	X	.285	.285	0	%100
72	M93	Z	.165	.165	0	%100
73	M95	X	.301	.301	0	%100
74	M95	Z	.173	.173	0	%100
75	M82A	X	.161	.161	0	%100
76	M82A	Z	.093	.093	0	%100
77	M91B	X	.161	.161	0	%100
78	M91B	Z	.093	.093	0	%100
79	MP5A	X	.444	.444	0	%100
80	MP5A	Z	.256	.256	0	%100
81	MP4A	X	.444	.444	0	%100
82	MP4A	Z	.256	.256	0	%100
83	MP3A	X	.444	.444	0	%100
84	MP3A	Z	.256	.256	0	%100
85	MP2A	X	.537	.537	0	%100
86	MP2A	Z	.31	.31	0	%100
87	MP1A	X	.537	.537	0	%100
88	MP1A	Z	.31	.31	0	%100
89	MP5C	X	.444	.444	0	%100
90	MP5C	Z	.256	.256	0	%100
91	MP4C	X	.444	.444	0	%100
92	MP4C	Z	.256	.256	0	%100
93	MP3C	X	.444	.444	0	%100
94	MP3C	Z	.256	.256	0	%100
95	MP2C	X	.537	.537	0	%100
96	MP2C	Z	.31	.31	0	%100
97	MP1C	X	.537	.537	0	%100
98	MP1C	Z	.31	.31	0	%100
99	MP5B	X	.444	.444	0	%100
100	MP5B	Z	.256	.256	0	%100
101	MP4B	X	.444	.444	0	%100
102	MP4B	Z	.256	.256	0	%100
103	3	X	.444	.444	0	%100
104	3	Z	.256	.256	0	%100
105	MP2B	X	.537	.537	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,%]
106	MP2B	Z	.31	.31	0	%100
107	MP1B	X	.537	.537	0	%100
108	MP1B	Z	.31	.31	0	%100
109	OVP	X	.363	.363	0	%100
110	OVP	Z	.209	.209	0	%100
111	M108	X	.134	.134	0	%100
112	M108	Z	.077	.077	0	%100
113	M116	X	.134	.134	0	%100
114	M116	Z	.077	.077	0	%100
115	M124	X	.537	.537	0	%100
116	M124	Z	.31	.31	0	%100
117	M132	X	.702	.702	0	%100
118	M132	Z	.405	.405	0	%100
119	M133	X	.176	.176	0	%100
120	M133	Z	.101	.101	0	%100
121	M134	X	.176	.176	0	%100
122	M134	Z	.101	.101	0	%100
123	M139	X	0	0	0	%100
124	M139	Z	0	0	0	%100
125	M140	X	0	0	0	%100
126	M140	Z	0	0	0	%100
127	MP3B	X	.444	.444	0	%100
128	MP3B	Z	.256	.256	0	%100
129	M148	X	0	0	0	%100
130	M148	Z	0	0	0	%100
131	M149	X	0	0	0	%100
132	M149	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.278	.278	0	%100
2	M1	Z	.482	.482	0	%100
3	M4	X	.096	.096	0	%100
4	M4	Z	.166	.166	0	%100
5	M10	X	.243	.243	0	%100
6	M10	Z	.421	.421	0	%100
7	M43	X	.243	.243	0	%100
8	M43	Z	.421	.421	0	%100
9	M46	X	.485	.485	0	%100
10	M46	Z	.84	.84	0	%100
11	M51B	X	.269	.269	0	%100
12	M51B	Z	.467	.467	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	.162	.162	0	%100
16	M76	Z	.28	.28	0	%100
17	M77	X	.494	.494	0	%100
18	M77	Z	.856	.856	0	%100
19	M80	X	.52	.52	0	%100
20	M80	Z	.902	.902	0	%100
21	M84	X	.162	.162	0	%100
22	M84	Z	.28	.28	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100

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,%]
27	M52A	X	.096	.096	0	%100
28	M52A	Z	.166	.166	0	%100
29	M53	X	.243	.243	0	%100
30	M53	Z	.421	.421	0	%100
31	M54	X	.243	.243	0	%100
32	M54	Z	.421	.421	0	%100
33	M55	X	.485	.485	0	%100
34	M55	Z	.84	.84	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	.269	.269	0	%100
38	M59A	Z	.467	.467	0	%100
39	M63	X	.162	.162	0	%100
40	M63	Z	.28	.28	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	.162	.162	0	%100
46	M68	Z	.28	.28	0	%100
47	M69	X	.494	.494	0	%100
48	M69	Z	.856	.856	0	%100
49	M71	X	.52	.52	0	%100
50	M71	Z	.902	.902	0	%100
51	M76A	X	.383	.383	0	%100
52	M76A	Z	.664	.664	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	.269	.269	0	%100
60	M82	Z	.467	.467	0	%100
61	M83A	X	.269	.269	0	%100
62	M83A	Z	.467	.467	0	%100
63	M87	X	.647	.647	0	%100
64	M87	Z	1.12	1.12	0	%100
65	M88A	X	.494	.494	0	%100
66	M88A	Z	.856	.856	0	%100
67	M90	X	.52	.52	0	%100
68	M90	Z	.902	.902	0	%100
69	M92A	X	.647	.647	0	%100
70	M92A	Z	1.12	1.12	0	%100
71	M93	X	.494	.494	0	%100
72	M93	Z	.856	.856	0	%100
73	M95	X	.52	.52	0	%100
74	M95	Z	.902	.902	0	%100
75	M82A	X	.278	.278	0	%100
76	M82A	Z	.482	.482	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	0	0	0	%100
79	MP5A	X	.256	.256	0	%100
80	MP5A	Z	.444	.444	0	%100
81	MP4A	X	.256	.256	0	%100
82	MP4A	Z	.444	.444	0	%100
83	MP3A	X	.256	.256	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,%]
84	MP3A	Z	.444	.444	0	%100
85	MP2A	X	.31	.31	0	%100
86	MP2A	Z	.537	.537	0	%100
87	MP1A	X	.31	.31	0	%100
88	MP1A	Z	.537	.537	0	%100
89	MP5C	X	.256	.256	0	%100
90	MP5C	Z	.444	.444	0	%100
91	MP4C	X	.256	.256	0	%100
92	MP4C	Z	.444	.444	0	%100
93	MP3C	X	.256	.256	0	%100
94	MP3C	Z	.444	.444	0	%100
95	MP2C	X	.31	.31	0	%100
96	MP2C	Z	.537	.537	0	%100
97	MP1C	X	.31	.31	0	%100
98	MP1C	Z	.537	.537	0	%100
99	MP5B	X	.256	.256	0	%100
100	MP5B	Z	.444	.444	0	%100
101	MP4B	X	.256	.256	0	%100
102	MP4B	Z	.444	.444	0	%100
103	3	X	.256	.256	0	%100
104	3	Z	.444	.444	0	%100
105	MP2B	X	.31	.31	0	%100
106	MP2B	Z	.537	.537	0	%100
107	MP1B	X	.31	.31	0	%100
108	MP1B	Z	.537	.537	0	%100
109	OVP	X	.209	.209	0	%100
110	OVP	Z	.363	.363	0	%100
111	M108	X	.232	.232	0	%100
112	M108	Z	.403	.403	0	%100
113	M116	X	0	0	0	%100
114	M116	Z	0	0	0	%100
115	M124	X	.232	.232	0	%100
116	M124	Z	.403	.403	0	%100
117	M132	X	.304	.304	0	%100
118	M132	Z	.527	.527	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	.304	.304	0	%100
122	M134	Z	.527	.527	0	%100
123	M139	X	.012	.012	0	%100
124	M139	Z	.02	.02	0	%100
125	M140	X	.012	.012	0	%100
126	M140	Z	.02	.02	0	%100
127	MP3B	X	.256	.256	0	%100
128	MP3B	Z	.444	.444	0	%100
129	M148	X	.012	.012	0	%100
130	M148	Z	.02	.02	0	%100
131	M149	X	.012	.012	0	%100
132	M149	Z	.02	.02	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.185	.185	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	.575	.575	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	M10	X	0	0	0	%100
6	M10	Z	.162	.162	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	.162	.162	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	.323	.323	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	.718	.718	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	.18	.18	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	.97	.97	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	1.318	1.318	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	1.388	1.388	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	.97	.97	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	.329	.329	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	.347	.347	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	.649	.649	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	.649	.649	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	1.294	1.294	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	.18	.18	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	.18	.18	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	.329	.329	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	.347	.347	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	.329	.329	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	.347	.347	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	.575	.575	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	.162	.162	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	.162	.162	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	.323	.323	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	.18	.18	0	%100
61	M83A	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	M83A	Z	.718	.718	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	.97	.97	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	.329	.329	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	.347	.347	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	.97	.97	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	1.318	1.318	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	1.388	1.388	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	.742	.742	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	.185	.185	0	%100
79	MP5A	X	0	0	0	%100
80	MP5A	Z	.512	.512	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	.512	.512	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	.512	.512	0	%100
85	MP2A	X	0	0	0	%100
86	MP2A	Z	.62	.62	0	%100
87	MP1A	X	0	0	0	%100
88	MP1A	Z	.62	.62	0	%100
89	MP5C	X	0	0	0	%100
90	MP5C	Z	.512	.512	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	.512	.512	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	.512	.512	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	.62	.62	0	%100
97	MP1C	X	0	0	0	%100
98	MP1C	Z	.62	.62	0	%100
99	MP5B	X	0	0	0	%100
100	MP5B	Z	.512	.512	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	.512	.512	0	%100
103	3	X	0	0	0	%100
104	3	Z	.512	.512	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	.62	.62	0	%100
107	MP1B	X	0	0	0	%100
108	MP1B	Z	.62	.62	0	%100
109	OVP	X	0	0	0	%100
110	OVP	Z	.419	.419	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	.62	.62	0	%100
113	M116	X	0	0	0	%100
114	M116	Z	.155	.155	0	%100
115	M124	X	0	0	0	%100
116	M124	Z	.155	.155	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	.203	.203	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,%]
119	M133	X	0	0	0	%100
120	M133	Z	.203	.203	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	.811	.811	0	%100
123	M139	X	0	0	0	%100
124	M139	Z	.07	.07	0	%100
125	M140	X	0	0	0	%100
126	M140	Z	.07	.07	0	%100
127	MP3B	X	0	0	0	%100
128	MP3B	Z	.512	.512	0	%100
129	M148	X	0	0	0	%100
130	M148	Z	.07	.07	0	%100
131	M149	X	0	0	0	%100
132	M149	Z	.07	.07	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.383	-.383	0	%100
4	M4	Z	.664	.664	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-.269	-.269	0	%100
12	M51B	Z	.467	.467	0	%100
13	M52B	X	-.269	-.269	0	%100
14	M52B	Z	.467	.467	0	%100
15	M76	X	-.647	-.647	0	%100
16	M76	Z	1.12	1.12	0	%100
17	M77	X	-.494	-.494	0	%100
18	M77	Z	.856	.856	0	%100
19	M80	X	-.52	-.52	0	%100
20	M80	Z	.902	.902	0	%100
21	M84	X	-.647	-.647	0	%100
22	M84	Z	1.12	1.12	0	%100
23	M85	X	-.494	-.494	0	%100
24	M85	Z	.856	.856	0	%100
25	M91	X	-.52	-.52	0	%100
26	M91	Z	.902	.902	0	%100
27	M52A	X	-.096	-.096	0	%100
28	M52A	Z	.166	.166	0	%100
29	M53	X	-.243	-.243	0	%100
30	M53	Z	.421	.421	0	%100
31	M54	X	-.243	-.243	0	%100
32	M54	Z	.421	.421	0	%100
33	M55	X	-.485	-.485	0	%100
34	M55	Z	.84	.84	0	%100
35	M58A	X	-.269	-.269	0	%100
36	M58A	Z	.467	.467	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	-.162	-.162	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,%]
40	M63	Z	.28	.28	0	%100
41	M64	X	-.494	-.494	0	%100
42	M64	Z	.856	.856	0	%100
43	M66	X	-.52	-.52	0	%100
44	M66	Z	.902	.902	0	%100
45	M68	X	-.162	-.162	0	%100
46	M68	Z	.28	.28	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	-.096	-.096	0	%100
52	M76A	Z	.166	.166	0	%100
53	M77A	X	-.243	-.243	0	%100
54	M77A	Z	.421	.421	0	%100
55	M78	X	-.243	-.243	0	%100
56	M78	Z	.421	.421	0	%100
57	M79A	X	-.485	-.485	0	%100
58	M79A	Z	.84	.84	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	-.269	-.269	0	%100
62	M83A	Z	.467	.467	0	%100
63	M87	X	-.162	-.162	0	%100
64	M87	Z	.28	.28	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	-.162	-.162	0	%100
70	M92A	Z	.28	.28	0	%100
71	M93	X	-.494	-.494	0	%100
72	M93	Z	.856	.856	0	%100
73	M95	X	-.52	-.52	0	%100
74	M95	Z	.902	.902	0	%100
75	M82A	X	-.278	-.278	0	%100
76	M82A	Z	.482	.482	0	%100
77	M91B	X	-.278	-.278	0	%100
78	M91B	Z	.482	.482	0	%100
79	MP5A	X	-.256	-.256	0	%100
80	MP5A	Z	.444	.444	0	%100
81	MP4A	X	-.256	-.256	0	%100
82	MP4A	Z	.444	.444	0	%100
83	MP3A	X	-.256	-.256	0	%100
84	MP3A	Z	.444	.444	0	%100
85	MP2A	X	-.31	-.31	0	%100
86	MP2A	Z	.537	.537	0	%100
87	MP1A	X	-.31	-.31	0	%100
88	MP1A	Z	.537	.537	0	%100
89	MP5C	X	-.256	-.256	0	%100
90	MP5C	Z	.444	.444	0	%100
91	MP4C	X	-.256	-.256	0	%100
92	MP4C	Z	.444	.444	0	%100
93	MP3C	X	-.256	-.256	0	%100
94	MP3C	Z	.444	.444	0	%100
95	MP2C	X	-.31	-.31	0	%100
96	MP2C	Z	.537	.537	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,%]
97	MP1C	X	-.31	-.31	0	%100
98	MP1C	Z	.537	.537	0	%100
99	MP5B	X	-.256	-.256	0	%100
100	MP5B	Z	.444	.444	0	%100
101	MP4B	X	-.256	-.256	0	%100
102	MP4B	Z	.444	.444	0	%100
103	3	X	-.256	-.256	0	%100
104	3	Z	.444	.444	0	%100
105	MP2B	X	-.31	-.31	0	%100
106	MP2B	Z	.537	.537	0	%100
107	MP1B	X	-.31	-.31	0	%100
108	MP1B	Z	.537	.537	0	%100
109	OVP	X	-.209	-.209	0	%100
110	OVP	Z	.363	.363	0	%100
111	M108	X	-.232	-.232	0	%100
112	M108	Z	.403	.403	0	%100
113	M116	X	-.232	-.232	0	%100
114	M116	Z	.403	.403	0	%100
115	M124	X	0	0	0	%100
116	M124	Z	0	0	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-.304	-.304	0	%100
120	M133	Z	.527	.527	0	%100
121	M134	X	-.304	-.304	0	%100
122	M134	Z	.527	.527	0	%100
123	M139	X	-.047	-.047	0	%100
124	M139	Z	.081	.081	0	%100
125	M140	X	-.047	-.047	0	%100
126	M140	Z	.081	.081	0	%100
127	MP3B	X	-.256	-.256	0	%100
128	MP3B	Z	.444	.444	0	%100
129	M148	X	-.047	-.047	0	%100
130	M148	Z	.081	.081	0	%100
131	M149	X	-.047	-.047	0	%100
132	M149	Z	.081	.081	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.161	-.161	0	%100
2	M1	Z	.093	.093	0	%100
3	M4	X	-.498	-.498	0	%100
4	M4	Z	.287	.287	0	%100
5	M10	X	-.14	-.14	0	%100
6	M10	Z	.081	.081	0	%100
7	M43	X	-.14	-.14	0	%100
8	M43	Z	.081	.081	0	%100
9	M46	X	-.28	-.28	0	%100
10	M46	Z	.162	.162	0	%100
11	M51B	X	-.156	-.156	0	%100
12	M51B	Z	.09	.09	0	%100
13	M52B	X	-.622	-.622	0	%100
14	M52B	Z	.359	.359	0	%100
15	M76	X	-.84	-.84	0	%100
16	M76	Z	.485	.485	0	%100
17	M77	X	-.285	-.285	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,%]
18	M77	Z	.165	.165	0	%100
19	M80	X	-.301	-.301	0	%100
20	M80	Z	.173	.173	0	%100
21	M84	X	-.84	-.84	0	%100
22	M84	Z	.485	.485	0	%100
23	M85	X	-1.141	-1.141	0	%100
24	M85	Z	.659	.659	0	%100
25	M91	X	-1.202	-1.202	0	%100
26	M91	Z	.694	.694	0	%100
27	M52A	X	-.498	-.498	0	%100
28	M52A	Z	.287	.287	0	%100
29	M53	X	-.14	-.14	0	%100
30	M53	Z	.081	.081	0	%100
31	M54	X	-.14	-.14	0	%100
32	M54	Z	.081	.081	0	%100
33	M55	X	-.28	-.28	0	%100
34	M55	Z	.162	.162	0	%100
35	M58A	X	-.622	-.622	0	%100
36	M58A	Z	.359	.359	0	%100
37	M59A	X	-.156	-.156	0	%100
38	M59A	Z	.09	.09	0	%100
39	M63	X	-.84	-.84	0	%100
40	M63	Z	.485	.485	0	%100
41	M64	X	-1.141	-1.141	0	%100
42	M64	Z	.659	.659	0	%100
43	M66	X	-1.202	-1.202	0	%100
44	M66	Z	.694	.694	0	%100
45	M68	X	-.84	-.84	0	%100
46	M68	Z	.485	.485	0	%100
47	M69	X	-.285	-.285	0	%100
48	M69	Z	.165	.165	0	%100
49	M71	X	-.301	-.301	0	%100
50	M71	Z	.173	.173	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	-.562	-.562	0	%100
54	M77A	Z	.324	.324	0	%100
55	M78	X	-.562	-.562	0	%100
56	M78	Z	.324	.324	0	%100
57	M79A	X	-1.12	-1.12	0	%100
58	M79A	Z	.647	.647	0	%100
59	M82	X	-.156	-.156	0	%100
60	M82	Z	.09	.09	0	%100
61	M83A	X	-.156	-.156	0	%100
62	M83A	Z	.09	.09	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	-.285	-.285	0	%100
66	M88A	Z	.165	.165	0	%100
67	M90	X	-.301	-.301	0	%100
68	M90	Z	.173	.173	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	-.285	-.285	0	%100
72	M93	Z	.165	.165	0	%100
73	M95	X	-.301	-.301	0	%100
74	M95	Z	.173	.173	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,%]
75	M82A	X	-.161	-.161	0	%100
76	M82A	Z	.093	.093	0	%100
77	M91B	X	-.643	-.643	0	%100
78	M91B	Z	.371	.371	0	%100
79	MP5A	X	-.444	-.444	0	%100
80	MP5A	Z	.256	.256	0	%100
81	MP4A	X	-.444	-.444	0	%100
82	MP4A	Z	.256	.256	0	%100
83	MP3A	X	-.444	-.444	0	%100
84	MP3A	Z	.256	.256	0	%100
85	MP2A	X	-.537	-.537	0	%100
86	MP2A	Z	.31	.31	0	%100
87	MP1A	X	-.537	-.537	0	%100
88	MP1A	Z	.31	.31	0	%100
89	MP5C	X	-.444	-.444	0	%100
90	MP5C	Z	.256	.256	0	%100
91	MP4C	X	-.444	-.444	0	%100
92	MP4C	Z	.256	.256	0	%100
93	MP3C	X	-.444	-.444	0	%100
94	MP3C	Z	.256	.256	0	%100
95	MP2C	X	-.537	-.537	0	%100
96	MP2C	Z	.31	.31	0	%100
97	MP1C	X	-.537	-.537	0	%100
98	MP1C	Z	.31	.31	0	%100
99	MP5B	X	-.444	-.444	0	%100
100	MP5B	Z	.256	.256	0	%100
101	MP4B	X	-.444	-.444	0	%100
102	MP4B	Z	.256	.256	0	%100
103	3	X	-.444	-.444	0	%100
104	3	Z	.256	.256	0	%100
105	MP2B	X	-.537	-.537	0	%100
106	MP2B	Z	.31	.31	0	%100
107	MP1B	X	-.537	-.537	0	%100
108	MP1B	Z	.31	.31	0	%100
109	OVP	X	-.363	-.363	0	%100
110	OVP	Z	.209	.209	0	%100
111	M108	X	-.134	-.134	0	%100
112	M108	Z	.077	.077	0	%100
113	M116	X	-.537	-.537	0	%100
114	M116	Z	.31	.31	0	%100
115	M124	X	-.134	-.134	0	%100
116	M124	Z	.077	.077	0	%100
117	M132	X	-.176	-.176	0	%100
118	M132	Z	.101	.101	0	%100
119	M133	X	-.702	-.702	0	%100
120	M133	Z	.405	.405	0	%100
121	M134	X	-.176	-.176	0	%100
122	M134	Z	.101	.101	0	%100
123	M139	X	-.061	-.061	0	%100
124	M139	Z	.035	.035	0	%100
125	M140	X	-.061	-.061	0	%100
126	M140	Z	.035	.035	0	%100
127	MP3B	X	-.444	-.444	0	%100
128	MP3B	Z	.256	.256	0	%100
129	M148	X	-.061	-.061	0	%100
130	M148	Z	.035	.035	0	%100
131	M149	X	-.061	-.061	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,%]
132	M149	Z	.035	.035	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.556	-.556	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.192	-.192	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	-.486	-.486	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	-.486	-.486	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	-.97	-.97	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-.539	-.539	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-.323	-.323	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-.323	-.323	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-.988	-.988	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-1.041	-1.041	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	-.767	-.767	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	-.539	-.539	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	-.539	-.539	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	-1.294	-1.294	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	-.988	-.988	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	-1.041	-1.041	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	-1.294	-1.294	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	-.988	-.988	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	-1.041	-1.041	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	-.192	-.192	0	%100
52	M76A	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,%]
53	M77A	X	-.486	-.486	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	-.486	-.486	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	-.97	-.97	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	-.539	-.539	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	-.323	-.323	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	-.988	-.988	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	-1.041	-1.041	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	-.323	-.323	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	-.556	-.556	0	%100
78	M91B	Z	0	0	0	%100
79	MP5A	X	-.512	-.512	0	%100
80	MP5A	Z	0	0	0	%100
81	MP4A	X	-.512	-.512	0	%100
82	MP4A	Z	0	0	0	%100
83	MP3A	X	-.512	-.512	0	%100
84	MP3A	Z	0	0	0	%100
85	MP2A	X	-.62	-.62	0	%100
86	MP2A	Z	0	0	0	%100
87	MP1A	X	-.62	-.62	0	%100
88	MP1A	Z	0	0	0	%100
89	MP5C	X	-.512	-.512	0	%100
90	MP5C	Z	0	0	0	%100
91	MP4C	X	-.512	-.512	0	%100
92	MP4C	Z	0	0	0	%100
93	MP3C	X	-.512	-.512	0	%100
94	MP3C	Z	0	0	0	%100
95	MP2C	X	-.62	-.62	0	%100
96	MP2C	Z	0	0	0	%100
97	MP1C	X	-.62	-.62	0	%100
98	MP1C	Z	0	0	0	%100
99	MP5B	X	-.512	-.512	0	%100
100	MP5B	Z	0	0	0	%100
101	MP4B	X	-.512	-.512	0	%100
102	MP4B	Z	0	0	0	%100
103	3	X	-.512	-.512	0	%100
104	3	Z	0	0	0	%100
105	MP2B	X	-.62	-.62	0	%100
106	MP2B	Z	0	0	0	%100
107	MP1B	X	-.62	-.62	0	%100
108	MP1B	Z	0	0	0	%100
109	OVP	X	-.419	-.419	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,%]
110	OVP	Z	0	0	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M116	X	-.465	-.465	0	%100
114	M116	Z	0	0	0	%100
115	M124	X	-.465	-.465	0	%100
116	M124	Z	0	0	0	%100
117	M132	X	-.608	-.608	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-.608	-.608	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	0	0	0	%100
123	M139	X	-.023	-.023	0	%100
124	M139	Z	0	0	0	%100
125	M140	X	-.023	-.023	0	%100
126	M140	Z	0	0	0	%100
127	MP3B	X	-.512	-.512	0	%100
128	MP3B	Z	0	0	0	%100
129	M148	X	-.023	-.023	0	%100
130	M148	Z	0	0	0	%100
131	M149	X	-.023	-.023	0	%100
132	M149	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.643	-.643	0	%100
2	M1	Z	-.371	-.371	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	-.562	-.562	0	%100
6	M10	Z	-.324	-.324	0	%100
7	M43	X	-.562	-.562	0	%100
8	M43	Z	-.324	-.324	0	%100
9	M46	X	-1.12	-1.12	0	%100
10	M46	Z	-.647	-.647	0	%100
11	M51B	X	-.156	-.156	0	%100
12	M51B	Z	-.09	-.09	0	%100
13	M52B	X	-.156	-.156	0	%100
14	M52B	Z	-.09	-.09	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-.285	-.285	0	%100
18	M77	Z	-.165	-.165	0	%100
19	M80	X	-.301	-.301	0	%100
20	M80	Z	-.173	-.173	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-.285	-.285	0	%100
24	M85	Z	-.165	-.165	0	%100
25	M91	X	-.301	-.301	0	%100
26	M91	Z	-.173	-.173	0	%100
27	M52A	X	-.498	-.498	0	%100
28	M52A	Z	-.287	-.287	0	%100
29	M53	X	-.14	-.14	0	%100
30	M53	Z	-.081	-.081	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,%]
31	M54	X	-.14	-.14	0	%100
32	M54	Z	-.081	-.081	0	%100
33	M55	X	-.28	-.28	0	%100
34	M55	Z	-.162	-.162	0	%100
35	M58A	X	-.156	-.156	0	%100
36	M58A	Z	-.09	-.09	0	%100
37	M59A	X	-.622	-.622	0	%100
38	M59A	Z	-.359	-.359	0	%100
39	M63	X	-.84	-.84	0	%100
40	M63	Z	-.485	-.485	0	%100
41	M64	X	-.285	-.285	0	%100
42	M64	Z	-.165	-.165	0	%100
43	M66	X	-.301	-.301	0	%100
44	M66	Z	-.173	-.173	0	%100
45	M68	X	-.84	-.84	0	%100
46	M68	Z	-.485	-.485	0	%100
47	M69	X	-1.141	-1.141	0	%100
48	M69	Z	-.659	-.659	0	%100
49	M71	X	-1.202	-1.202	0	%100
50	M71	Z	-.694	-.694	0	%100
51	M76A	X	-.498	-.498	0	%100
52	M76A	Z	-.287	-.287	0	%100
53	M77A	X	-.14	-.14	0	%100
54	M77A	Z	-.081	-.081	0	%100
55	M78	X	-.14	-.14	0	%100
56	M78	Z	-.081	-.081	0	%100
57	M79A	X	-.28	-.28	0	%100
58	M79A	Z	-.162	-.162	0	%100
59	M82	X	-.622	-.622	0	%100
60	M82	Z	-.359	-.359	0	%100
61	M83A	X	-.156	-.156	0	%100
62	M83A	Z	-.09	-.09	0	%100
63	M87	X	-.84	-.84	0	%100
64	M87	Z	-.485	-.485	0	%100
65	M88A	X	-1.141	-1.141	0	%100
66	M88A	Z	-.659	-.659	0	%100
67	M90	X	-1.202	-1.202	0	%100
68	M90	Z	-.694	-.694	0	%100
69	M92A	X	-.84	-.84	0	%100
70	M92A	Z	-.485	-.485	0	%100
71	M93	X	-.285	-.285	0	%100
72	M93	Z	-.165	-.165	0	%100
73	M95	X	-.301	-.301	0	%100
74	M95	Z	-.173	-.173	0	%100
75	M82A	X	-.161	-.161	0	%100
76	M82A	Z	-.093	-.093	0	%100
77	M91B	X	-.161	-.161	0	%100
78	M91B	Z	-.093	-.093	0	%100
79	MP5A	X	-.444	-.444	0	%100
80	MP5A	Z	-.256	-.256	0	%100
81	MP4A	X	-.444	-.444	0	%100
82	MP4A	Z	-.256	-.256	0	%100
83	MP3A	X	-.444	-.444	0	%100
84	MP3A	Z	-.256	-.256	0	%100
85	MP2A	X	-.537	-.537	0	%100
86	MP2A	Z	-.31	-.31	0	%100
87	MP1A	X	-.537	-.537	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,%]
88	MP1A	Z	-.31	-.31	0	%100
89	MP5C	X	-.444	-.444	0	%100
90	MP5C	Z	-.256	-.256	0	%100
91	MP4C	X	-.444	-.444	0	%100
92	MP4C	Z	-.256	-.256	0	%100
93	MP3C	X	-.444	-.444	0	%100
94	MP3C	Z	-.256	-.256	0	%100
95	MP2C	X	-.537	-.537	0	%100
96	MP2C	Z	-.31	-.31	0	%100
97	MP1C	X	-.537	-.537	0	%100
98	MP1C	Z	-.31	-.31	0	%100
99	MP5B	X	-.444	-.444	0	%100
100	MP5B	Z	-.256	-.256	0	%100
101	MP4B	X	-.444	-.444	0	%100
102	MP4B	Z	-.256	-.256	0	%100
103	3	X	-.444	-.444	0	%100
104	3	Z	-.256	-.256	0	%100
105	MP2B	X	-.537	-.537	0	%100
106	MP2B	Z	-.31	-.31	0	%100
107	MP1B	X	-.537	-.537	0	%100
108	MP1B	Z	-.31	-.31	0	%100
109	OVP	X	-.363	-.363	0	%100
110	OVP	Z	-.209	-.209	0	%100
111	M108	X	-.134	-.134	0	%100
112	M108	Z	-.077	-.077	0	%100
113	M116	X	-.134	-.134	0	%100
114	M116	Z	-.077	-.077	0	%100
115	M124	X	-.537	-.537	0	%100
116	M124	Z	-.31	-.31	0	%100
117	M132	X	-.702	-.702	0	%100
118	M132	Z	-.405	-.405	0	%100
119	M133	X	-.176	-.176	0	%100
120	M133	Z	-.101	-.101	0	%100
121	M134	X	-.176	-.176	0	%100
122	M134	Z	-.101	-.101	0	%100
123	M139	X	0	0	0	%100
124	M139	Z	0	0	0	%100
125	M140	X	0	0	0	%100
126	M140	Z	0	0	0	%100
127	MP3B	X	-.444	-.444	0	%100
128	MP3B	Z	-.256	-.256	0	%100
129	M148	X	0	0	0	%100
130	M148	Z	0	0	0	%100
131	M149	X	0	0	0	%100
132	M149	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.278	-.278	0	%100
2	M1	Z	-.482	-.482	0	%100
3	M4	X	-.096	-.096	0	%100
4	M4	Z	-.166	-.166	0	%100
5	M10	X	-.243	-.243	0	%100
6	M10	Z	-.421	-.421	0	%100
7	M43	X	-.243	-.243	0	%100
8	M43	Z	-.421	-.421	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,%]
9	M46	X	-.485	-.485	0	%100
10	M46	Z	-.84	-.84	0	%100
11	M51B	X	-.269	-.269	0	%100
12	M51B	Z	-.467	-.467	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-.162	-.162	0	%100
16	M76	Z	-.28	-.28	0	%100
17	M77	X	-.494	-.494	0	%100
18	M77	Z	-.856	-.856	0	%100
19	M80	X	-.52	-.52	0	%100
20	M80	Z	-.902	-.902	0	%100
21	M84	X	-.162	-.162	0	%100
22	M84	Z	-.28	-.28	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	-.096	-.096	0	%100
28	M52A	Z	-.166	-.166	0	%100
29	M53	X	-.243	-.243	0	%100
30	M53	Z	-.421	-.421	0	%100
31	M54	X	-.243	-.243	0	%100
32	M54	Z	-.421	-.421	0	%100
33	M55	X	-.485	-.485	0	%100
34	M55	Z	-.84	-.84	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	-.269	-.269	0	%100
38	M59A	Z	-.467	-.467	0	%100
39	M63	X	-.162	-.162	0	%100
40	M63	Z	-.28	-.28	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	-.162	-.162	0	%100
46	M68	Z	-.28	-.28	0	%100
47	M69	X	-.494	-.494	0	%100
48	M69	Z	-.856	-.856	0	%100
49	M71	X	-.52	-.52	0	%100
50	M71	Z	-.902	-.902	0	%100
51	M76A	X	-.383	-.383	0	%100
52	M76A	Z	-.664	-.664	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	-.269	-.269	0	%100
60	M82	Z	-.467	-.467	0	%100
61	M83A	X	-.269	-.269	0	%100
62	M83A	Z	-.467	-.467	0	%100
63	M87	X	-.647	-.647	0	%100
64	M87	Z	-1.12	-1.12	0	%100
65	M88A	X	-.494	-.494	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,%]
66	M88A	Z	-.856	-.856	0	%100
67	M90	X	-.52	-.52	0	%100
68	M90	Z	-.902	-.902	0	%100
69	M92A	X	-.647	-.647	0	%100
70	M92A	Z	-1.12	-1.12	0	%100
71	M93	X	-.494	-.494	0	%100
72	M93	Z	-.856	-.856	0	%100
73	M95	X	-.52	-.52	0	%100
74	M95	Z	-.902	-.902	0	%100
75	M82A	X	-.278	-.278	0	%100
76	M82A	Z	-.482	-.482	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	0	0	0	%100
79	MP5A	X	-.256	-.256	0	%100
80	MP5A	Z	-.444	-.444	0	%100
81	MP4A	X	-.256	-.256	0	%100
82	MP4A	Z	-.444	-.444	0	%100
83	MP3A	X	-.256	-.256	0	%100
84	MP3A	Z	-.444	-.444	0	%100
85	MP2A	X	-.31	-.31	0	%100
86	MP2A	Z	-.537	-.537	0	%100
87	MP1A	X	-.31	-.31	0	%100
88	MP1A	Z	-.537	-.537	0	%100
89	MP5C	X	-.256	-.256	0	%100
90	MP5C	Z	-.444	-.444	0	%100
91	MP4C	X	-.256	-.256	0	%100
92	MP4C	Z	-.444	-.444	0	%100
93	MP3C	X	-.256	-.256	0	%100
94	MP3C	Z	-.444	-.444	0	%100
95	MP2C	X	-.31	-.31	0	%100
96	MP2C	Z	-.537	-.537	0	%100
97	MP1C	X	-.31	-.31	0	%100
98	MP1C	Z	-.537	-.537	0	%100
99	MP5B	X	-.256	-.256	0	%100
100	MP5B	Z	-.444	-.444	0	%100
101	MP4B	X	-.256	-.256	0	%100
102	MP4B	Z	-.444	-.444	0	%100
103	3	X	-.256	-.256	0	%100
104	3	Z	-.444	-.444	0	%100
105	MP2B	X	-.31	-.31	0	%100
106	MP2B	Z	-.537	-.537	0	%100
107	MP1B	X	-.31	-.31	0	%100
108	MP1B	Z	-.537	-.537	0	%100
109	OVP	X	-.209	-.209	0	%100
110	OVP	Z	-.363	-.363	0	%100
111	M108	X	-.232	-.232	0	%100
112	M108	Z	-.403	-.403	0	%100
113	M116	X	0	0	0	%100
114	M116	Z	0	0	0	%100
115	M124	X	-.232	-.232	0	%100
116	M124	Z	-.403	-.403	0	%100
117	M132	X	-.304	-.304	0	%100
118	M132	Z	-.527	-.527	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	-.304	-.304	0	%100
122	M134	Z	-.527	-.527	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,%]
123	M139	X	-.012	-.012	0	%100
124	M139	Z	-.02	-.02	0	%100
125	M140	X	-.012	-.012	0	%100
126	M140	Z	-.02	-.02	0	%100
127	MP3B	X	-.256	-.256	0	%100
128	MP3B	Z	-.444	-.444	0	%100
129	M148	X	-.012	-.012	0	%100
130	M148	Z	-.02	-.02	0	%100
131	M149	X	-.012	-.012	0	%100
132	M149	Z	-.02	-.02	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	M82	Y	-1.665	-4.226	0	.832
2	M82	Y	-4.226	-6.901	.832	1.665
3	M82	Y	-6.901	-8.189	1.665	2.497
4	M82	Y	-8.189	-6.544	2.497	3.329
5	M82	Y	-6.544	-3.463	3.329	4.162
6	M83A	Y	-3.469	-6.578	0	.832
7	M83A	Y	-6.578	-8.256	.832	1.665
8	M83A	Y	-8.256	-7.041	1.665	2.497
9	M83A	Y	-7.041	-4.429	2.497	3.329
10	M83A	Y	-4.429	-1.881	3.329	4.162
11	M51B	Y	-1.884	-4.426	0	.832
12	M51B	Y	-4.426	-7.044	.832	1.665
13	M51B	Y	-7.044	-8.26	1.665	2.497
14	M51B	Y	-8.26	-6.573	2.497	3.329
15	M51B	Y	-6.573	-3.462	3.329	4.162
16	M52B	Y	-3.463	-6.545	0	.832
17	M52B	Y	-6.545	-8.189	.832	1.665
18	M52B	Y	-8.189	-6.902	1.665	2.497
19	M52B	Y	-6.902	-4.228	2.497	3.329
20	M52B	Y	-4.228	-1.661	3.329	4.162
21	M58A	Y	-1.665	-4.226	0	.832
22	M58A	Y	-4.226	-6.901	.832	1.665
23	M58A	Y	-6.901	-8.189	1.665	2.497
24	M58A	Y	-8.189	-6.544	2.497	3.329
25	M58A	Y	-6.544	-3.463	3.329	4.162
26	M59A	Y	-3.469	-6.578	0	.832
27	M59A	Y	-6.578	-8.256	.832	1.665
28	M59A	Y	-8.256	-7.041	1.665	2.497
29	M59A	Y	-7.041	-4.429	2.497	3.329
30	M59A	Y	-4.429	-1.881	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M82	Y	-3.23	-8.198	0	.832
2	M82	Y	-8.198	-13.386	.832	1.665
3	M82	Y	-13.386	-15.886	1.665	2.497
4	M82	Y	-15.886	-12.693	2.497	3.329
5	M82	Y	-12.693	-6.717	3.329	4.162
6	M83A	Y	-6.73	-12.759	0	.832
7	M83A	Y	-12.759	-16.014	.832	1.665
8	M83A	Y	-16.014	-13.659	1.665	2.497
9	M83A	Y	-13.659	-8.592	2.497	3.329
10	M83A	Y	-8.592	-3.648	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
11	M51B	Y	-3.655	-8.586	0	.832
12	M51B	Y	-8.586	-13.665	.832	1.665
13	M51B	Y	-13.665	-16.024	1.665	2.497
14	M51B	Y	-16.024	-12.751	2.497	3.329
15	M51B	Y	-12.751	-6.715	3.329	4.162
16	M52B	Y	-6.718	-12.695	0	.832
17	M52B	Y	-12.695	-15.884	.832	1.665
18	M52B	Y	-15.884	-13.388	1.665	2.497
19	M52B	Y	-13.388	-8.202	2.497	3.329
20	M52B	Y	-8.202	-3.223	3.329	4.162
21	M58A	Y	-3.23	-8.198	0	.832
22	M58A	Y	-8.198	-13.386	.832	1.665
23	M58A	Y	-13.386	-15.886	1.665	2.497
24	M58A	Y	-15.886	-12.693	2.497	3.329
25	M58A	Y	-12.693	-6.717	3.329	4.162
26	M59A	Y	-6.73	-12.759	0	.832
27	M59A	Y	-12.759	-16.014	.832	1.665
28	M59A	Y	-16.014	-13.659	1.665	2.497
29	M59A	Y	-13.659	-8.592	2.497	3.329
30	M59A	Y	-8.592	-3.648	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M82	Z	-.05	-.127	0	.832
2	M82	Z	-.127	-.207	.832	1.665
3	M82	Z	-.207	-.246	1.665	2.497
4	M82	Z	-.246	-.196	2.497	3.329
5	M82	Z	-.196	-.104	3.329	4.162
6	M83A	Z	-.104	-.197	0	.832
7	M83A	Z	-.197	-.248	.832	1.665
8	M83A	Z	-.248	-.211	1.665	2.497
9	M83A	Z	-.211	-.133	2.497	3.329
10	M83A	Z	-.133	-.056	3.329	4.162
11	M51B	Z	-.057	-.133	0	.832
12	M51B	Z	-.133	-.211	.832	1.665
13	M51B	Z	-.211	-.248	1.665	2.497
14	M51B	Z	-.248	-.197	2.497	3.329
15	M51B	Z	-.197	-.104	3.329	4.162
16	M52B	Z	-.104	-.196	0	.832
17	M52B	Z	-.196	-.246	.832	1.665
18	M52B	Z	-.246	-.207	1.665	2.497
19	M52B	Z	-.207	-.127	2.497	3.329
20	M52B	Z	-.127	-.05	3.329	4.162
21	M58A	Z	-.05	-.127	0	.832
22	M58A	Z	-.127	-.207	.832	1.665
23	M58A	Z	-.207	-.246	1.665	2.497
24	M58A	Z	-.246	-.196	2.497	3.329
25	M58A	Z	-.196	-.104	3.329	4.162
26	M59A	Z	-.104	-.197	0	.832
27	M59A	Z	-.197	-.248	.832	1.665
28	M59A	Z	-.248	-.211	1.665	2.497
29	M59A	Z	-.211	-.133	2.497	3.329
30	M59A	Z	-.133	-.056	3.329	4.162

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

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

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,%]
1	M82	X	.05	.127	0	.832
2	M82	X	.127	.207	.832	1.665
3	M82	X	.207	.246	1.665	2.497
4	M82	X	.246	.196	2.497	3.329
5	M82	X	.196	.104	3.329	4.162
6	M83A	X	.104	.197	0	.832
7	M83A	X	.197	.248	.832	1.665
8	M83A	X	.248	.211	1.665	2.497
9	M83A	X	.211	.133	2.497	3.329
10	M83A	X	.133	.056	3.329	4.162
11	M51B	X	.057	.133	0	.832
12	M51B	X	.133	.211	.832	1.665
13	M51B	X	.211	.248	1.665	2.497
14	M51B	X	.248	.197	2.497	3.329
15	M51B	X	.197	.104	3.329	4.162
16	M52B	X	.104	.196	0	.832
17	M52B	X	.196	.246	.832	1.665
18	M52B	X	.246	.207	1.665	2.497
19	M52B	X	.207	.127	2.497	3.329
20	M52B	X	.127	.05	3.329	4.162
21	M58A	X	.05	.127	0	.832
22	M58A	X	.127	.207	.832	1.665
23	M58A	X	.207	.246	1.665	2.497
24	M58A	X	.246	.196	2.497	3.329
25	M58A	X	.196	.104	3.329	4.162
26	M59A	X	.104	.197	0	.832
27	M59A	X	.197	.248	.832	1.665
28	M59A	X	.248	.211	1.665	2.497
29	M59A	X	.211	.133	2.497	3.329
30	M59A	X	.133	.056	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

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

Member Area Loads (BLC 40 : Structure Di)

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

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N139	N141	N118	N117	Y	Two Way	0
2	N87C	N87B	N7	N6	Y	Two Way	0
3	N111	N113	N90	N89	Y	Two Way	0

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N139	N141	N118	N117	Z	Two Way	-.000156
2	N87C	N87B	N7	N6	Z	Two Way	-.000156
3	N111	N113	N90	N89	Z	Two Way	-.000156

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N139	N141	N118	N117	X	Two Way	.000156
2	N87C	N87B	N7	N6	X	Two Way	.000156
3	N111	N113	N90	N89	X	Two Way	.000156

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
1	M1	PIPE_3.0	.156	8.073	24	.069	.521		11	28250.554	65205	5.749	5.749	2....	H1-1b
2	M4	HSS4X4X4	.290	0	31	.084	0	y	42	124657.7...	139518	16.181	16.181	2....	H1-1b
3	M10	HSS4X4X4	.148	2.375	18	.051	2.375	y	14	136263.03	139518	16.181	16.181	1....	H1-1b
4	M43	HSS4X4X4	.160	0	16	.047	0	y	19	136263.03	139518	16.181	16.181	1....	H1-1b
5	M46	PL1/2x6	.182	.516	12	.181	.516	y	27	66009.234	97200	1.012	12.15	1....	H1-1b
6	M51B	L2x2x3	.149	4.162	6	.010	4.162	y	20	9823.122	23392.8	.558	1.092	1....	H2-1
7	M52B	L2x2x3	.138	4.162	4	.014	4.162	y	13	9823.122	23392.8	.558	1.094	1....	H2-1
8	M76	PL3/8x6	.237	0	12	.177	0	y	22	70677.939	72900	.57	9.113	1....	H1-1b
9	M77	PL3/8x6	.259	.167	12	.312	0	y	18	71601.728	72900	.57	9.113	1....	H1-1b
10	M80	PL1/2x6	.050	0	12	.148	0	y	27	96757.507	97200	1.012	12.15	1....	H1-1b
11	M84	PL3/8x6	.262	0	4	.241	0	y	23	70677.939	72900	.57	9.113	1....	H1-1b
12	M85	PL3/8x6	.229	.167	10	.325	0	y	16	71601.728	72900	.57	9.113	1....	H1-1b
13	M91	PL1/2x6	.051	0	4	.093	.112	y	26	96757.507	97200	1.012	12.15	1....	H1-1b
14	M52A	HSS4X4X4	.329	0	15	.083	0	y	15	124657.7...	139518	16.181	16.181	3....	H1-1b
15	M53	HSS4X4X4	.157	2.375	14	.054	2.375	y	22	136263.03	139518	16.181	16.181	1....	H1-1b
16	M54	HSS4X4X4	.176	0	24	.053	0	y	15	136263.03	139518	16.181	16.181	1....	H1-1b
17	M55	PL1/2x6	.196	.516	8	.171	.516	y	22	66009.234	97200	1.012	12.15	1....	H1-1b
18	M58A	L2x2x3	.170	4.162	2	.010	4.162	y	16	9823.122	23392.8	.558	1.094	1....	H2-1
19	M59A	L2x2x3	.139	4.162	11	.015	4.162	y	21	9823.122	23392.8	.558	1.069	1....	H2-1
20	M63	PL3/8x6	.261	0	2	.175	0	y	19	70677.939	72900	.57	9.113	1....	H1-1b
21	M64	PL3/8x6	.284	.167	8	.331	0	y	14	71601.728	72900	.57	9.113	1....	H1-1b
22	M66	PL1/2x6	.055	0	8	.086	0	y	22	96757.507	97200	1.012	12.15	1....	H1-1b
23	M68	PL3/8x6	.248	0	12	.264	0	y	18	70677.939	72900	.57	9.113	1....	H1-1b
24	M69	PL3/8x6	.228	.167	6	.361	0	y	13	71601.728	72900	.57	9.113	1....	H1-1b
25	M71	PL1/2x6	.051	.112	1	.084	.112	y	21	96757.507	97200	1.012	12.15	1....	H1-1b
26	M76A	HSS4X4X4	.318	0	23	.084	0	y	22	124657.7...	139518	16.181	16.181	3....	H1-1b
27	M77A	HSS4X4X4	.164	2.375	22	.056	2.375	y	18	136263.03	139518	16.181	16.181	1....	H1-1b
28	M78	HSS4X4X4	.173	0	20	.052	0	y	23	136263.03	139518	16.181	16.181	1....	H1-1b
29	M79A	PL1/2x6	.205	.516	4	.161	.516	y	19	66009.234	97200	1.012	12.15	1....	H1-1b
30	M82	L2x2x3	.165	4.162	10	.010	4.162	y	24	9823.122	23392.8	.558	1.094	1....	H2-1
31	M83A	L2x2x3	.148	4.162	8	.014	4.162	y	17	9823.122	23392.8	.558	1.092	1....	H2-1
32	M87	PL3/8x6	.278	0	10	.188	0	y	14	70677.939	72900	.57	9.113	1....	H1-1b
33	M88A	PL3/8x6	.292	.167	4	.345	0	y	22	71601.728	72900	.57	9.113	1....	H1-1b
34	M90	PL1/2x6	.057	0	4	.080	0	y	19	96757.507	97200	1.012	12.15	1....	H1-1b
35	M92A	PL3/8x6	.249	0	8	.253	0	y	14	70677.939	72900	.57	9.113	1....	H1-1b
36	M93	PL3/8x6	.233	.167	2	.351	0	y	21	71601.728	72900	.57	9.113	1....	H1-1b
37	M95	PL1/2x6	.052	0	8	.075	.112	y	18	96757.507	97200	1.012	12.15	1....	H1-1b
38	M82A	PIPE_3.0	.153	4.427	20	.053	11.979		7	28250.554	65205	5.749	5.749	2....	H1-1b
39	M91B	PIPE_3.0	.142	8.073	16	.069	.521		3	28250.554	65205	5.749	5.749	2....	H1-1b
40	MP5A	PIPE_2.0	.200	3.125	17	.046	.688		6	20866.733	32130	1.872	1.872	1....	H1-1b
41	MP4A	PIPE_2.0	.272	3.125	17	.055	3.125		6	20866.733	32130	1.872	1.872	1....	H1-1b
42	MP3A	PIPE_2.0	.147	3.125	10	.027	1.438		10	20866.733	32130	1.872	1.872	1....	H1-1b
43	MP2A	PIPE_2.5	.188	3.125	22	.049	3.125		8	37773.818	50715	3.596	3.596	1....	H1-1b
44	MP1A	PIPE_2.5	.157	3.125	22	.034	3.188		4	37773.818	50715	3.596	3.596	1....	H1-1b
45	MP5C	PIPE_2.0	.199	3.125	13	.046	.688		2	20866.733	32130	1.872	1.872	1....	H1-1b
46	MP4C	PIPE_2.0	.278	3.125	13	.059	3.125		2	20866.733	32130	1.872	1.872	1....	H1-1b
47	MP3C	PIPE_2.0	.138	3.125	12	.033	3.125		1	20866.733	32130	1.872	1.872	1....	H1-1b
48	MP2C	PIPE_2.5	.176	3.125	18	.048	3.125		4	37773.818	50715	3.596	3.596	2....	H1-1b
49	MP1C	PIPE_2.5	.157	3.125	18	.033	.625		12	37773.818	50715	3.596	3.596	1....	H1-1b

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
50	MP5B	PIPE_2.0	.213	3.125	21	.047	1.438		21	20866.733	32130	1.872	1.872	1....	H1-1b
51	MP4B	PIPE_2.0	.292	3.125	21	.062	3.125		22	20866.733	32130	1.872	1.872	1....	H1-1b
52	3	PIPE_2.0	.160	3.125	9	.115	3.125		3	20866.733	32130	1.872	1.872	1....	H1-1b
53	MP2B	PIPE_2.5	.183	3.125	14	.058	3.125		24	37773.818	50715	3.596	3.596	1....	H1-1b
54	MP1B	PIPE_2.5	.170	3.125	14	.036	3.125		13	37773.818	50715	3.596	3.596	1....	H1-1b
55	OVP	PIPE_2.0	.117	2.5	12	.015	2.5		12	28843.414	32130	1.872	1.872	1....	H1-1b
56	M108	PIPE_2.5	.125	.26	21	.042	10.286		13	14558.792	50715	3.596	3.596	1....	H1-1b
57	M116	PIPE_2.5	.120	.26	18	.043	10.286		21	14558.792	50715	3.596	3.596	1....	H1-1b
58	M124	PIPE_2.5	.124	.26	14	.037	10.286		17	14558.792	50715	3.596	3.596	1....	H1-1b
59	M132	L3X3X4	.229	2.53	7	.021	0	y	8	40486.251	46656	1.688	3.756	2....	H2-1
60	M133	L3X3X4	.205	2.53	11	.019	0	y	11	40486.251	46656	1.688	3.756	2....	H2-1
61	M134	L3X3X4	.209	2.53	9	.020	0	y	9	40486.251	46656	1.688	3.756	2....	H2-1
62	M139	SR_0.5	.968	0	16	.395	0		20	4806.28	6350.4	.052	.052	1....	H1-1b
63	M140	SR_0.5	.966	0	16	.399	0		15	4806.28	6350.4	.052	.052	1....	H1-1b
64	MP3B	PIPE_2.0	.089	2.5	4	.039	1.438		3	20866.733	32130	1.872	1.872	2....	H1-1b
65	M148	SR_0.5	.986	0	15	.382	0		21	4806.28	6350.4	.052	.052	1....	H1-1b
66	M149	SR_0.5	.979	0	15	.381	0		14	4806.28	6350.4	.052	.052	1....	H1-1b

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N3	max	1796.159	11	2217.306	17	1201.801	1	-.608	11	1.307	8	3.824	29
2		min	-1618.269	5	687.883	11	-1081.28	7	-2.659	29	-1.297	2	.767	11
3	N87D	max	1001.255	10	2567.059	13	2174.623	1	5.073	13	1.742	4	.267	5
4		min	-1014.769	4	836.552	7	-2361.493	7	1.107	7	-1.704	10	-.08	11
5	N115	max	1845.232	9	2441.035	21	1138.89	2	-.447	3	1.467	12	-1.127	3
6		min	-2009.183	3	764.408	3	-1070.638	8	-2.26	21	-1.46	6	-4.473	21
7	Totals:	max	4433.22	10	6964.663	17	4396.521	1						
8		min	-4433.222	4	2440.128	74	-4396.512	7						

VzW SMART Tool© Vendor

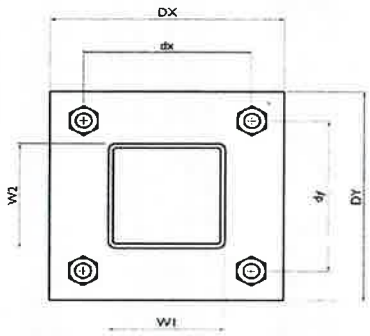
Client:	Verizon Wireless	Date:	8/10/2023
Site Name:	Groton 6 CT		
MDG #:	5000092653		
Fuze ID #:	17136840	Page:	1

Version 1.01

I. Mount-to-Tower Connection Check

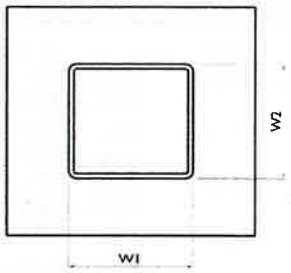
Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel

Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)*:	6
d_y (in) *(Delta Y of typ. bolt config. sketch)*:	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	5.3
Required Shear Strength / bolt (kips):	0.8
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	25.8%



Tower Connection Baseplate Checks	Yes

Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	8
Plate Height, D_y (in):	8
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.25
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.5
Length of Yield Line, L_y (in):	5.85
Bolt Eccentricity, e (in):	1.65
M_u (kip-in):	8.80
Phi*M_n (kip-in):	11.85
Plate Bending Utilization:	74.3%



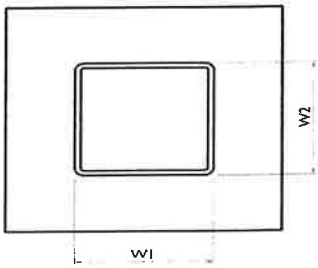
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	8/10/2023
Site Name:	Groton 6 CT		
PSLC #:	5000092653		
Fuze ID #:	17136840	Page:	2

Version 1.01

Tower Connection Weld Checks

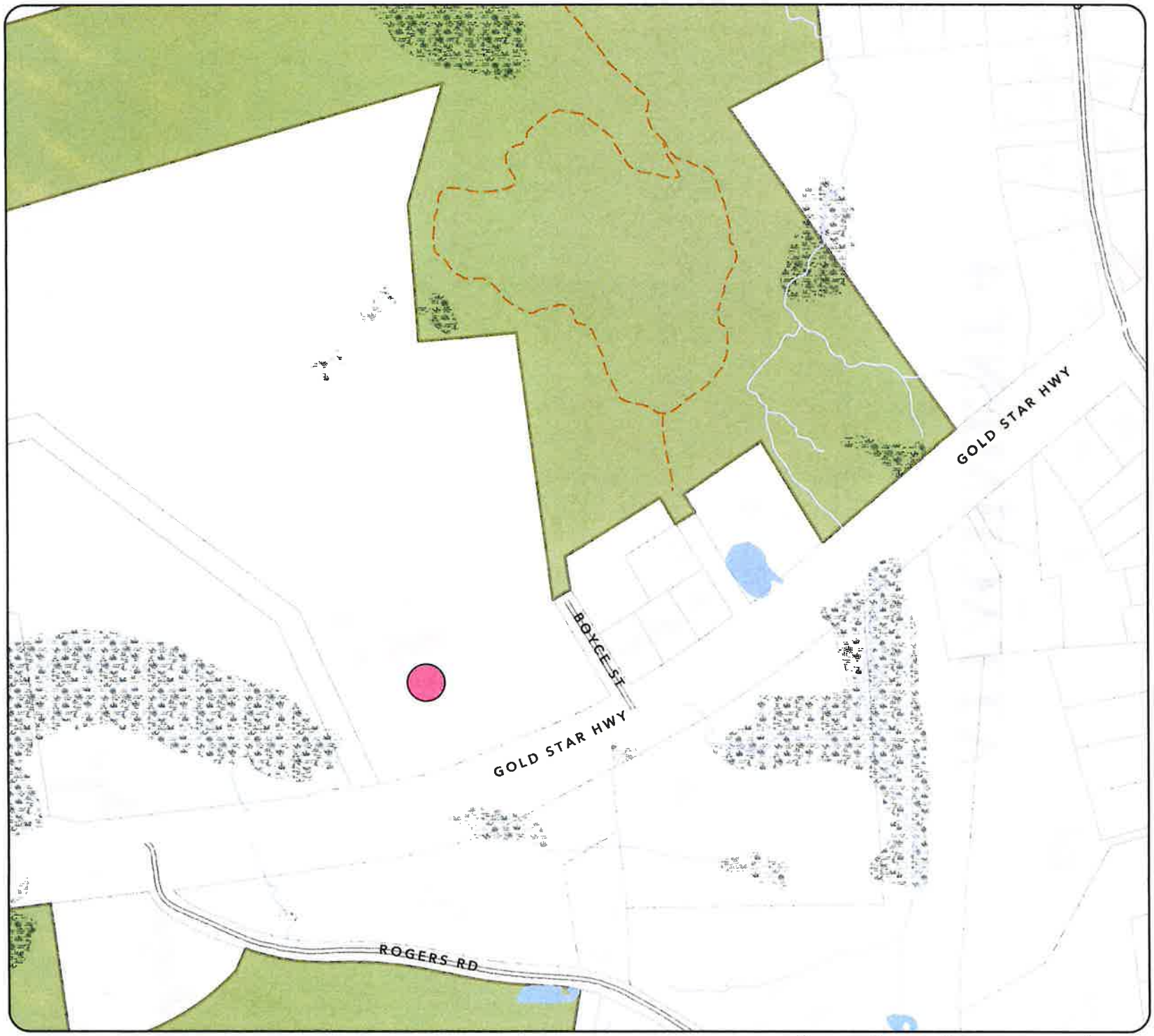
	Yes
Weld Shape:	**Rectangle**
Weld Stiffener Configuration:	**None**
Stiffener Notch Length, n (in):	
Weld Size (1/16 in):	**4**
W1 (in):	**4**
W2 (in):	**4**
Weld Total Length (in):	16.00
Z_x (in^3/in):	21.33
Z_y (in^3/in):	21.33
J_p (in^4/in):	85.33
c_x (in)	2.25
c_y (in)	2.25
Required combined strength (kip/in):	2.01
Weld Capacity (kip/in):	5.57
Weld Utilization:	**36.1%**



ATTACHMENT 4

TOWN OF GROTON

GIS Map



1:3,906

Disclaimer

The planimetric and topographic information depicted on this map was compiled by Fugro based on an aerial flight performed in April 2020. The parcel and property line information depicted on this map has been compiled from recorded deeds, maps, assessor records, and other sources of information in the Town of Groton. The intent of this map is to depict a graphical representation of real property information relative to the planimetric features for the Town of Groton and is subject to change as a more accurate survey may disclose. The Town of Groton and the mapping companies assume no legal responsibility for the information contained in this data.
THIS MAP IS NOT TO BE USED FOR THE TRANSFER OF PROPERTY

Horizontal Datum:
Connecticut State Plane Coordinates, North American Datum of 1983 (NAD83 Feet)

Vertical Datum:

0 0.07 0.13 mi

Map Created 8/22/2023 using the Town of Groton, Connecticut GIS Web Application

Print Card

Farm Property Card

Print Date: 8/22/2023

Card 1 Of 1

Parcel ID	Location		Grand List Code	Zoning	Acres
270013126797	1662 GOLD STAR HWY		FARM	RU-40	32.248
District	**Neighborhood**	**Deed Book/Page**	**Use Code**		
CENTER GROTON	1010	1100/751	PA FOREST		

Current Owner

CROUCH CHESTER G JR
603 PRINCETON ST
BRANDON FL 33511

Residential Building Information

Style:	RAISED RANCH
Exterior:	FRAME
Attic:	NONE
Stories:	1
Basement:	FULL
Year Built:	1957
Tot Living Area:	1614 SqFt.
Fuel:	OIL
Heating:	BASIC
System:	HOT WATER
Bedrooms:	4
Full Baths:	2
Half Baths:	

Valuation

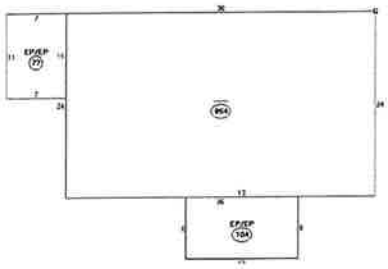
Land:	$138,700
Building:	$134,900
Total:	$273,600
Assessed Value:	$191,530

Recent Sales

Book/Page	Date	Price
1100/751	9/26/2012	$0
1013/844	7/10/2008	$0

Property Picture

Building Sketch



Sketch Legend

-—	Main Living Area	1SMA	Masonry	GRHS	Attached Greenhouse
1FR	Frame	OMP	Open Masonry Porch	CAT	Cathedral Ceiling
OFP	Open Frame Porch	EMP	Enclosed Msry Porch	SOP	Screen Open Frame Prch
EFP	Enclosed Frame Porch	MUB	Masonry Utility	SMP	Screen Open Msnry Prch
FUB	Frame Utility Building	MB	Masonry Bay	CPAT	Concrete Patio
FB	Frame Bay	MOH	Masonry Overhang	B	Basement
FG	Frame Garage	.5MA	1/2 Story Masonry		
FOH	Frame Overhang	MP	Masonry Patio		
.5FR	1/2 Story Frame	WD	Wood Deck		
A(U)	Attic (Unfinished)	CPY	Canopy		
A(F)	Attic (Finished)				

ATTACHMENT 5

Verizon/Groton 6

UNITED STATES POSTAL SERVICE®

Certificate of Mailing — Firm

Name and Address of Sender	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here *Postmark with Date of Receipt.*
Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103	3	3	neopost 08/29/2023 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.	John Burt, Town Manager Town of Groton 45 Fort Hill Road Groton, CT 06340				
2.	Jonathan Reiner, AICP Director of Planning Town of Groton 134 Groton Long Point Road				
3.	Groton, CT 06340 Chester Crouch, Jr. 603 Princeton Street Branden, FL 33511				
4.					
5.					
6.					

AUG 29 2023