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September 18, 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**
29 Bogus Hill Road, New Fairfield, 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 September of 2006 (Docket No. 315). Cellco's shared use of the tower was approved by Council in November of 2007 (EM-VER-085-091-108-071011). A copy of the Council's Docket No. 315 Decision and Order and Cellco's exempt modification approval are included in Attachment 1.

Cellco's proposed modification involves the installation of two (2) interference mitigation filters ("Filters") on its existing antenna platform and antenna 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 New Fairfield'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 modifications will not result in an increase in the height of the existing tower. The Filters will be installed on Cellco's existing antenna platform and antenna

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 the 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:
Patricia Del Monaco, First Selectman
Evan White, Zoning Enforcement Officer
Bogus Ranger LLC, Property Owner
Alex Tyurin, Verizon Wireless

ATTACHMENT 1

DOCKET NO. 315 – 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 at 29 Bogus Hill Road in New Fairfield, Connecticut.	}	Connecticut
	}	Siting
	}	Council

September 28, 2006

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a telecommunications facility including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Pubic Need, as provided by General Statutes § 16-50k, be issued to Optasite, Inc. for the construction, maintenance and operation of a wireless telecommunications facility to be located at Site B at 29 Bogus Hill Road in New Fairfield, Connecticut. The Council denies certification of Site A located at 29 Bogus Hill Road in New Fairfield, 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 designed as a monopole and shall be constructed no taller than 130 feet above ground level to provide telecommunications services to both public and private entities. The tower's design shall incorporate a yield point in order to reduce the size of the setback radius.

2. The location of the tower shall be adjusted within the lease parcel to maximize the distance from the tower to the nearest property to the north of the site.

3. No on-site construction work shall take place between December 31 and March 1 to avoid disturbing bald eagles that may be in the vicinity.

4. During construction, large cover objects such as logs and moveable rocks shall be moved out of the way of heavy machinery to minimize any potential harm to hognose snakes that might be in the area.

5. 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 New Fairfield 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 mountings, equipment building, access road, utility line, and landscaping; and

b) construction plans for site clearing, water drainage, and erosion and sedimentation control consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.

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

7. 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.

8. 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.

9. The Certificate Holder shall provide reasonable space on the tower for no compensation for any Town of New Fairfield municipal antennas, provided such antennas can be accommodated and are compatible with the structural integrity of the tower.

10. 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.

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. Any request for extension of the time periods referred to in Conditions 10, 11, and 12 shall be filed with the Council not later than sixty days prior to the expiration date of this Certificate and shall be served on all parties and intervenors and the Town of Hartland, as listed in the service list. Any proposed modifications to this Decision and Order shall likewise be so served.

14. 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 construction activities. In addition, the Certificate Holder shall provide the Council with written notice of the completion of site construction and the commencement of site operation.

Pursuant to General Statutes § 16-50p, we hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in the Danbury News-Times and in The Fairfield Citizen-News.

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

The parties and intervenors in this proceeding are:

Status Granted	**Status Holder (name, address & phone number)**	**Representative (name, address & phone number)**
Applicant	Optasite, Inc. New Cingular Wireless PCS, LLC	Lucia Chiocchio, Esq. Cuddy and Feder, LLP 90 Maple Avenue White Plains, NY 10601 Ms. Jennifer Young Gaudet 345 Taylor Street Talcottville, CT 06066
Party *(approved on 5/17/06)*	Edward J. Hannafin Malcolm McCluskey	Thomas W. Beecher, Esq. Collins, Hannafin, Garamella, Jaber & Tuozzolo, P.C. 148 Deer Hill Avenue Danbury, CT 06810 (203) 744-2150 (203) 791-1126 - fax tbeecher@chgjtlaw.com
Intervenor *(approved on 7/12/06)*	Tax District of Bogus Hill	Allan Deutscher P.O. Box 8240 New Fairfield, CT 06812

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

Daniel F. Caruso
Chairman

November 15, 2007

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

RE: **EM-VER-085-091-108-071011** – Cellco Partnership d/b/a Verizon Wireless notice of intent to modify existing telecommunications facilities located at 474 Main Street, Monroe; 29 Bogus Hill Road, New Fairfield; and 85 Quaker Farms Road, Oxford, Connecticut.

Dear Attorney Baldwin:

At a public meeting held on November 5, 2007, the Connecticut Siting Council (Council) acknowledged your notice to modify these existing telecommunications facilities, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice[s] dated October 11, 2007, including the placement of all necessary equipment and shelters within the tower compounds. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to existing facility sites that would not increase tower heights, extend the boundaries of the tower sites, increase noise levels at the tower site boundaries by six decibels, and increase the total radio frequencies electromagnetic radiation power densities measured at the tower site boundaries to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. These facilities have also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on these towers.

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

Thank you for your attention and cooperation.

Very truly yours,

Daniel F. Caruso

Daniel F. Caruso
Chairman

DFC/MP/cm

c: The Honorable August A. Palmer, First Selectman, Town of Oxford
Vincent Vizzo, Planning & Zoning Chairman, Town of Oxford
The Honorable Andrew J. Nunn, First Selectman, Town of Monroe
Daniel A. Tuba, Planning Administrator, Town of Monroe
The Honorable John E. Hodge, First Selectman, Town of New Fairfield
Maria Haussherr-Hughes, Zoning Enforcement Officer, Town of New Fairfield
Thomas J. Regan, Esq., Brown Rudnick Berlack Israels LLP
Christopher B. Fisher, Esq., Cuddy & Feder LLP
Optasite

ATTACHMENT 2

BSF0020F3V1-1

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

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

FEATURES

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

TECHNICAL SPECIFICATIONS

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

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

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

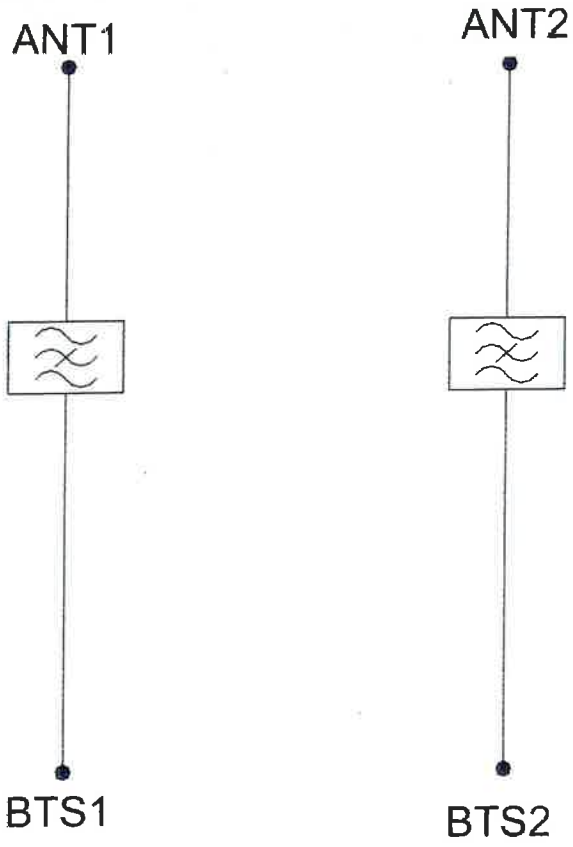
ENVIRONMENTAL	
For further details of environmental compliance, please contact Kaelus.	
Temperature range	-20°C to +60°C | -4°F to +140°F
Ingress protection	IP67
Altitude	2600m | 8530ft
Lightning protection	RF port: ±5kA maximum (8/20us), IEC 61000-4-5 – Unit must be terminated with some lightning protection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

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

ORDERING INFORMATION

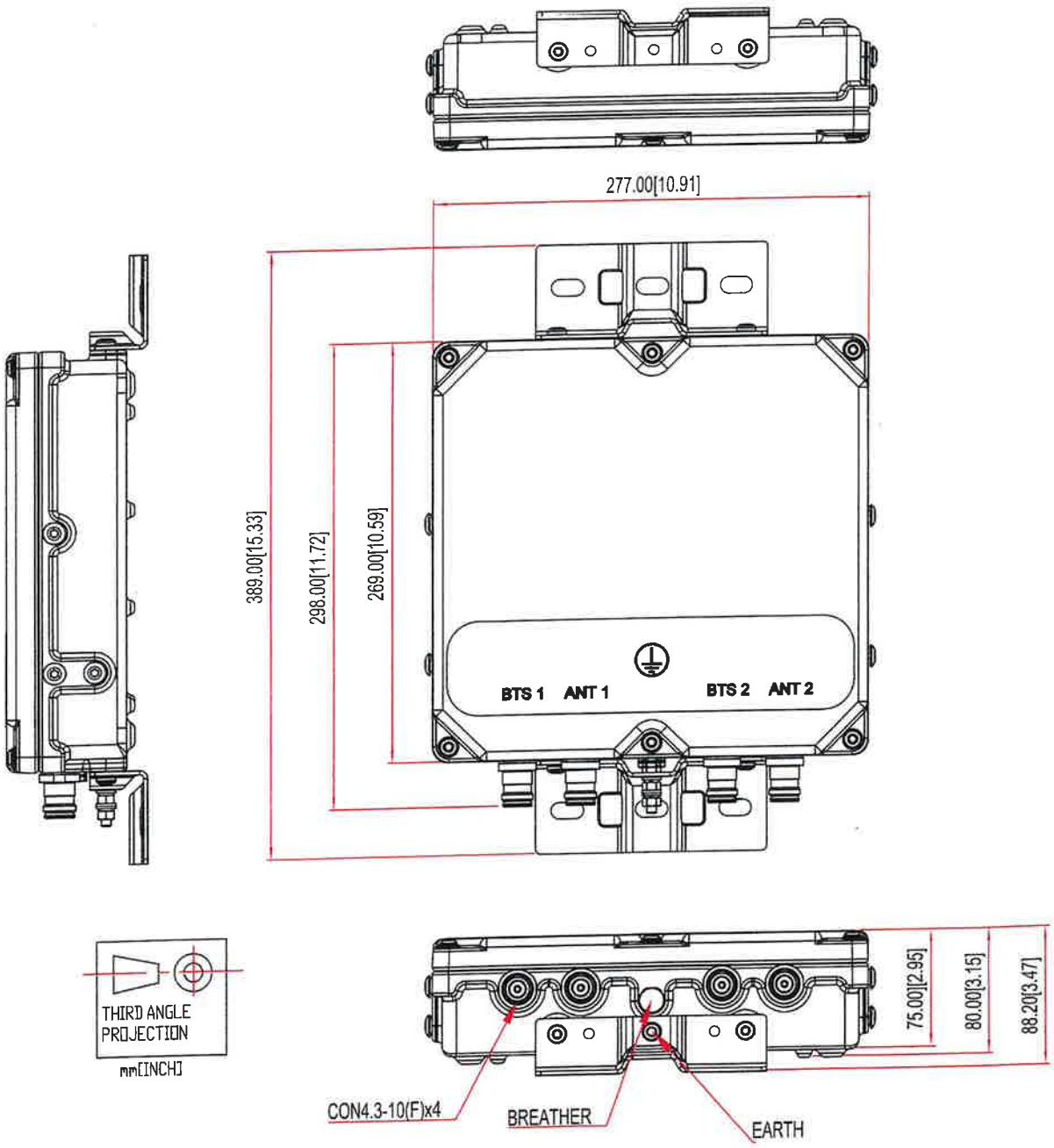
PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	CONNECTORS
BSF0020F3V1	TWIN, 2 in / 2 out	DC/AISG PASS NO BRACKET	4.3-10 (F)
BSF0020F3V1-1	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)
BSF0020F3V1-2	QUAD, 4 in / 4 out	DC/AISG PASS	4.3-10 (F)

ELECTRICAL BLOCK DIAGRAM



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

MECHANICAL BLOCK DIAGRAM



ATTACHMENT 3

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

T + 561 995 7670
F + 561 995 7626

sbasite.com

Structural Analysis Report

Client: Verizon

Client Site ID / Name: 5000386456 / Bogus Hill CT
Application #: 234048, v1

SBA Site ID / Name: CT13061-A / New Fairfield

150 ft Monopole

29 Bogus Hill Road
New Fairfield, Connecticut 06812
Lat: 41.51185, Long: -73.467214

Project number: CT13061-VZW-082323R1
(R1; Ref 2022 CSBC)

Analysis Results

Tower	87.3%	Pass
Foundation	98.0%	Pass

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

Prepared by:

Samuel Apaez
Structural Engineer I
561-981-7377
SApaez@sbasite.com

Reviewed by:

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

September 14, 2023

STATE OF CONNECTICUT
ANANTHA P. SHANUBHOGUE
33123
LICENSED
PROFESSIONAL ENGINEER

09/15/23

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	Sabre, Project #07-11088. Dated 11-07-2006
Foundation drawings	Sabre, Project #07-11088. Dated 11-07-2006
Geotechnical report	JGI Eastern, Inc. Project #06645G. Dated 10-12-2006.
MA	Colliers Engineering & Design CT. Project #: 23777249. Dated 08-18-2023
Latest SA	TES, Project #129774, Dated 5/31/2022

Analysis Criteria

Table 2 Code Related Data

Jurisdiction (State/County/City)	Connecticut/Fairfield/New Fairfield
Governing Codes	ANSI/TIA/EIA 222-H, 2021 IBC, 2022 CSBC
Ultimate Wind Speed (3-Sec gust)	115.0 mph
Wind Speed with Ice (3-Sec gust)	50 mph
Service Wind Speed (3-Sec gust)	60 mph
Ice Thickness	1.0"
Risk Category	II
Exposure Category	C
Topographic Category	1
Crest Height	0 ft
Ground Elevation	10.97 ft.
Seismic Parameter S_s	0.211
Seismic Parameter S_1	0.056

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

Appurtenance Loading

Existing Loading:

Table 3 Existing Appurtenances

Items	Elevation (ft)	Qty.	Antenna Descriptions	Mount Type & Qty.	Transmission Lines	Owner
1	151.3	1	RFS BA1010 - Whip	(1) Standoff Mount	(1) 7/8"	T. Of New Fairfield
2	150.0	3	RFS APXV18-206517S-A20 - Panel	Low Profile Platform w/Handrails & KCKR	(1) 1.9" Fiber (16) 1 5/8"	T-Mobile
3		3	RFS APXVAALL24_43-U-NA20 - Panel			
4		3	RFS APXV18-209014 - Panel			
5		3	Ericsson KRY 112 489/2 - TMA			
6		3	Ericsson 4480 B71 + B85 - RRU			
7		3	Kathrein 782 11056 - Bias Ts			
8	142.0	3	Ericsson 4426 B66 RRU	Low Profile Platform	(12) 1 5/8" (1) 1/2" Fiber (2) 3/4" DC (1) 3" Conduit [Housing (2) 3/4" DC power (1) 1/2" Fiber]	AT&T
9		3	Ericsson RRUS 32 RRU -			
10		3	Cci HPA-65R-BUU-H6 - Panel			
11		9	Powerwave LGP-21401 TMA			
12		3	Powerwave TT19-08BP111-001 TMA			
13		3	Ericsson RRUS 11 RRU			
14		3	Ericsson RRUS 12 RRU			
15	141.0	3	Ericsson RRUS-A2 RRU Modules			
16		2	Raycap DC6-48-60-18-8F -SP			
17		3	Powerwave 1001983 Smart Bias Ts			
18		6	Powerwave 7770 - Panel			
19		3	Kathrein 80010798 - Panel			
20		6	Kaelus DBCT108F1V92-1 Diplexer			
21	134.75	1	RFS BA40-01 - Whip	(1) Standoff Mount	(1) 7/8"	T. Of New Fairfield
-	120.0	3	Samsung MT6407-77A - Panel	Low Profile Platform w/Handrails & KCKR	(10) 1-5/8" (2) 1-5/8" Hybrid	Verizon
-		3	Samsung B2/B66A			
-		3	Samsung B5/B13			
-		1	Raycap RC2DC-3315-PF-48			
-	119.5	6	Andrew SBNHH-1D65B - Panel			
-		6	Antel LPA-80080-4CF-EDIN-0 - Panel			
28	100.0	1	RFS 1142 – Omni	(2) Single Arm Mount	(2) 7/8"	CL&P
29		1	Sinclair SD210-SF3P2LDF - Omni			

Proposed Loading:

Information pertaining to proposed antennas and transmission lines were based upon the Application #:234048, v1 from Verizon and is listed in Table 4.

Table 4 Proposed Appurtenances

Items	Elevation (ft)	Qty.	Antenna Descriptions	Mount Type & Qty.	Transmission Lines	Owner
1	120.0	3	Samsung MT6407-77A - Panel	Low Profile Platform w/Handrails & KCKR	(10) 1-5/8" Coax (2) 1-5/8" Hybrid	Verizon
2		3	Samsung B2/B66A - RRU			
3		3	Samsung B5/B13 - RRU			
4		1	Raycap RC2DC-3315-PF-48 - OVP			
5		2	Kaelus KA-6030			
6	119.5	6	Andrew SBNHH-1D65B - Panel			
7		6	Antel LPA-80080-4CF-EDIN-0 - Panel			

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:	87.3%	83.7%	60.2%	73.7%
Pass/Fail	Pass	Pass	Pass	Pass

Foundation

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

Table 6 Foundation Analysis Summary

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

Conclusions

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

Installation Requirements

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

Assumptions and Limitations

Assumptions

This analysis was completed based on the following assumptions:

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

Limitations

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

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

Appendix

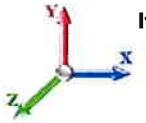
Usage Diagram - Max Ratio 87.33% at 0.0ft

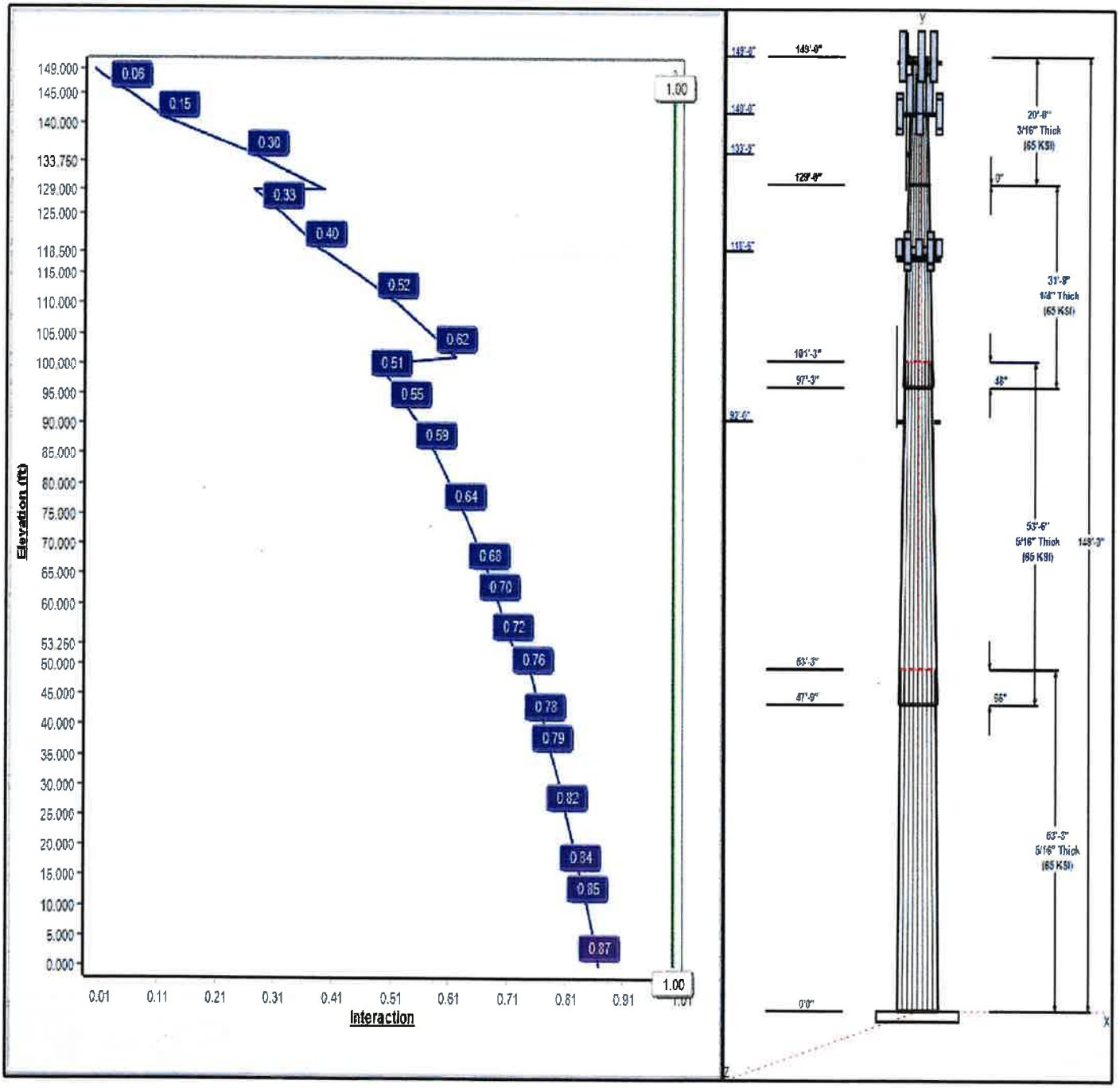
Structure:	CT13061-A	**Code:**	EIA/TIA-222-H	9/14/2023
Site Name:	New Fairfield	**Exposure:**	C	
Height:	149.00 (ft)	**Gh:**	1.1	
Base Elev:	1.000 (ft)			Page: 1

SBA

Dead Load Factor:	1.20	**Iterations:**	26
Wind Load Factor:	1.00		

Load Case : 1.2D + 1.0W 115 mph Wind





Structure: CT13061-A

Type: Tapered
Site Name: New Fairfield
Height: 149.00 (ft)
Base Elev: 1.00 (ft)

Base Shape: 18 Sided
Taper: 0.25534

9/14/2023

Shaft Properties

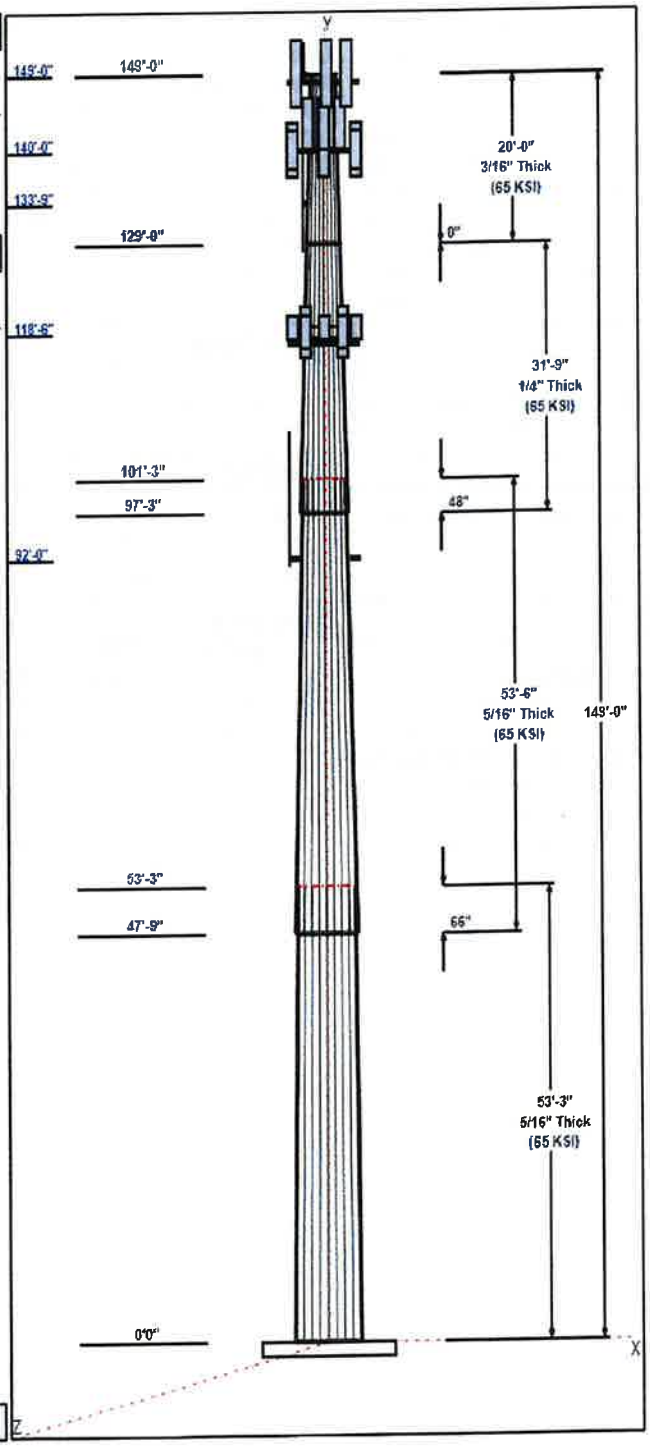
Seq	Length (ft)	Top (in)	Bottom (in)	Thick (in)	Joint Type	Taper	Grade (ksi)
1	53.25	42.32	55.92	0.313		0.25534	65
2	53.50	30.69	44.35	0.313	Slip	0.25534	65
3	31.75	24.11	32.21	0.250	Slip	0.25534	65
4	20.00	19.00	24.11	0.188	Butt	0.25534	65

Discrete Appurtenances

Attach Elev (ft)	Force Elev (ft)	Qty	Description	Carrier
149.00	152.50	1	Lightning Rod	---
149.00	150.35	1	RFS BA1010	T. Of New Fairfield
149.00	149.00	1	Standoff Mount	T. Of New Fairfield
149.00	149.00	3	RFS	T-Mobile
149.00	149.00	3	RFS	T-Mobile
149.00	149.00	3	RFS APXV18-209014	T-Mobile
149.00	149.00	3	Ericsson KRY 112 489/2	T-Mobile
149.00	149.00	3	Ericsson 4480 B71 + B85	T-Mobile
149.00	149.00	3	Kathrein 782 11056	T-Mobile
148.00	148.00	1	Low Profile Platform	T-Mobile
141.00	141.00	3	Ericsson RRUS 32 RRU	AT&T
141.00	143.00	3	Cci HPA-65R-BUU-H6	AT&T
141.00	143.00	9	Powerwave LGP-21401	AT&T
141.00	143.00	3	Powerwave	AT&T
141.00	141.00	3	Ericsson RRUS 11 RRU	AT&T
141.00	143.00	3	Ericsson RRUS 12 RRU	AT&T
141.00	141.00	3	Ericsson 4426 B66 RRU	AT&T
140.00	140.00	3	Kathrein 80010798	AT&T
140.00	140.00	6	Kaelus DBCT108F1V92-1	AT&T
140.00	140.00	3	Ericsson RRUS-A2 RRU	AT&T
140.00	140.00	2	Raycap DC6-48-60-18-8F	AT&T
140.00	140.00	3	Powerwave 1001983	AT&T
140.00	140.00	1	Low Profile Platform	AT&T
140.00	140.00	6	Powerwave 7770	AT&T
133.75	133.75	1	RFS BA40-01	T. Of New Fairfield
133.75	133.75	1	Standoff Mount	T. Of New Fairfield
119.00	119.00	1	Raycap	Verizon
119.00	119.00	3	MT6407-77A	Verizon
119.00	119.00	3	B2/B66A RRH-BR049	Verizon
119.00	119.00	3	B5/B13 RRH-BR04C	Verizon
119.00	119.00	2	Kaelus KA-6030	Verizon
119.00	119.00	15	(15) Mount Pipes	Verizon
119.00	119.00	1	Low Profile Platform	Verizon
118.50	118.50	6	Andrew SBNHH-1D65B w/	Verizon
118.50	118.50	6	Antel	Verizon
92.00	99.00	1	RFS 1142	CL&P
92.00	92.00	2	Single Arm Mount	CL&P
92.00	99.00	1	Sinclair SD210-SF3P2LDF	CL&P
92.00	92.00	1	Single Arm Mount	CL&P

Linear Appurtenances

Elev From (ft)	Elev To (ft)	Placement	Description	Carrier
3.00	149.00	Inside	1 5/8" Coax	T-Mobile
3.00	149.00	Inside	1.9" Fiber	T-Mobile
3.00	149.00	Inside	7/8" Coax	T. Of New Fairfield



3.00	149.00	Inside	7/8" Coax	T. Of New Fairfield
3.00	149.00	Outside	Safety Cable	
3.00	149.00	Outside	Step bolts (ladder)	
3.00	141.00	Inside	1 5/8" Coax	AT&T
3.00	141.00	Inside	1/2" Fiber	AT&T
3.00	141.00	Inside	3" Conduit	AT&T
3.00	141.00	Inside	3/4" DC	AT&T
3.00	133.75	Inside	7/8" Coax	T. Of New Fairfield
3.00	119.00	Inside	1 5/8" Coax	Verizon
3.00	119.00	Inside	1 5/8" Hybrid	Verizon
3.00	92.00	Inside	7/8" Coax	CL&P

Anchor Bolts

Qty	Specifications	Grade (ksi)	Arrangement
12	2.25" 18J	75.0	Cluster

Base Plate

Thickness (in)	Specifications (in)	Grade (ksi)	Geometry
2.7500	59.8	60.0	Clipped

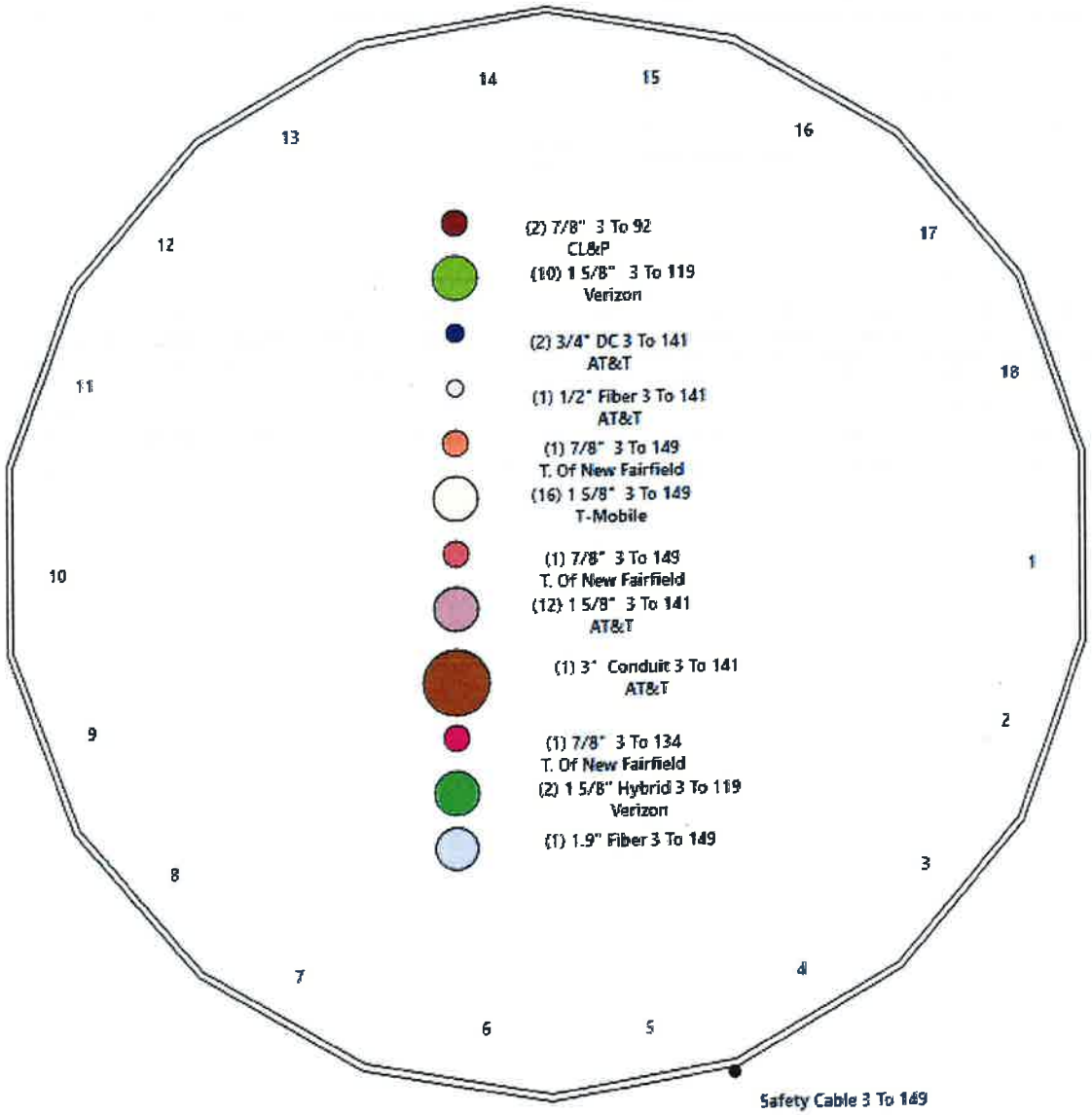
Reactions

Load Case	Moment (FT-Kips)	Shear (Kips)	Axial (Kips)
1.2D + 1.0W 115 mph Wind	3227.2	29.0	41.5
0.9D + 1.0W 115 mph Wind	3186.4	28.9	31.1
1.2D + 1.0Di + 1.0Wi 50 mph Wind	1025.9	9.6	57.3
1.2D + 1.0Ev + 1.0Eh	78.4	0.6	43.2
0.9D + 1.0Ev + 1.0Eh	77.8	0.6	32.7
1.0D + 1.0W 60 mph Wind	780.7	7.1	34.6

Structure: CT13061-A - Coax Line Placement

Type: Monopole
Site Name: New Fairfield
Height: 149.00 (ft)

9/14/2023



Shaft Properties

Structure:	CT13061-A		**Code:**	TIA-222-H	9/14/2023
Site Name:	New Fairfield		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 5

Sec. No.	Shape	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Overlap (in)	Weight (lb)
1	18	53.250	0.3125	65		0.00	8,772
2	18	53.500	0.3125	65	Slip	66.00	6,719
3	18	31.750	0.2500	65	Slip	48.00	2,393
4	18	20.000	0.1875	65	Flange	0.00	865
					Total Shaft Weight:		**18,749**

	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	55.92	0.00	55.15	21547.38	30.14	178.94	42.32	53.25	41.67	9291.37	22.47	135.4	0.255336
2	44.35	47.75	43.68	10703.92	23.62	141.93	30.69	101.25	30.13	3513.56	15.91	98.22	0.255336
3	32.21	97.25	25.36	3273.80	21.31	128.85	24.11	129.00	18.93	1361.18	15.59	96.43	0.255336
4	24.11	129.0	14.23	1028.93	21.26	128.57	19.00	149.00	11.20	500.59	16.46	101.3	0.255336

Load Summary

Structure:	CT13061-A		**Code:**	TIA-222-H	9/14/2023
Site Name:	New Fairfield		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 6

Discrete Appurtenances

				No Ice			Ice				
No.	Elev (ft)	Description	Qty	Weight (lb)	CaAa (sf)	CaAa Factor	Weight (lb)	CaAa (sf)	CaAa Factor	Hor. Ecc. (ft)	Vert Ecc (ft)
1	149.00	Lightning Rod	1	35.00	1.05	1.00	55.94	2.632	1.00	0.00	3.50
2	149.00	RFS BA1010	1	8.80	1.24	1.00	46.10	1.915	1.00	0.00	1.35
3	149.00	Standoff Mount	1	60.00	1.80	1.00	140.28	4.523	1.00	0.00	0.00
4	149.00	RFS APXV18-206517S-A20	3	26.40	5.17	0.73	88.30	6.753	0.73	0.00	0.00
5	149.00	RFS APXVAALL24_43-U-NA20	3	122.80	20.24	0.73	396.16	21.491	0.73	0.00	0.00
6	149.00	RFS APXV18-209014	3	18.70	3.58	0.74	71.77	4.182	0.74	0.00	0.00
7	149.00	Ericsson KRY 112 489/2	3	13.20	0.68	0.50	25.25	1.112	0.50	0.00	0.00
8	149.00	Ericsson 4480 B71 + B85	3	93.00	2.85	0.50	140.96	3.300	0.50	0.00	0.00
9	149.00	Kathrein 782 11056	3	2.60	0.28	0.50	6.95	0.547	0.50	0.00	0.00
10	148.00	Low Profile Platform	1	1863.50	35.03	1.00	2946.84	53.766	1.00	0.00	0.00
11	141.00	Ericsson RRUS 32 RRU	3	77.00	1.65	0.50	105.67	2.023	0.50	0.00	0.00
12	141.00	Cci HPA-65R-BUU-H6	3	50.70	9.66	0.85	206.24	10.547	0.85	0.00	2.00
13	141.00	Powerwave LGP-21401 TMA	9	14.10	1.05	0.50	30.68	1.501	0.50	0.00	2.00
14	141.00	Powerwave TT19-08BP111-001 TMA	3	16.00	0.55	0.50	29.42	0.888	0.50	0.00	2.00
15	141.00	Ericsson RRUS 11 RRU	3	55.00	2.52	0.50	99.04	2.940	0.50	0.00	0.00
16	141.00	Ericsson RRUS 12 RRU	3	50.00	3.15	0.50	91.05	3.982	0.50	0.00	2.00
17	141.00	Ericsson 4426 B66 RRU	3	48.50	1.15	0.50	71.45	1.453	0.50	0.00	0.00
18	140.00	Kathrein 80010798	3	86.30	10.69	0.78	237.95	11.629	0.78	0.00	0.00
19	140.00	Kaelus DBCT108F1V92-1 Diplexer	6	16.70	0.71	0.50	28.88	0.945	0.50	0.00	0.00
20	140.00	Ericsson RRUS-A2 RRU Modules	3	15.00	1.57	0.50	31.93	2.115	0.50	0.00	0.00
21	140.00	Raycap DC6-48-60-18-8F	2	32.80	2.20	0.50	90.13	2.963	0.50	0.00	0.00
22	140.00	Powerwave 1001983 Smart Bias Ts	3	2.90	0.11	1.00	5.33	0.235	1.00	0.00	0.00
23	140.00	Low Profile Platform	1	1525.00	25.91	1.00	2406.68	39.691	1.00	0.00	0.00
24	140.00	Powerwave 7770	6	35.00	5.51	0.73	148.50	6.191	0.73	0.00	0.00
25	133.75	RFS BA40-01	1	32.00	3.45	1.00	75.41	7.885	1.00	0.00	0.00
26	133.75	Standoff Mount	1	60.00	1.80	1.00	139.42	4.494	1.00	0.00	0.00
27	119.00	Raycap RC2DC-3315-PF-48	1	32.00	3.79	1.00	106.79	4.413	1.00	0.00	0.00
28	119.00	MT6407-77A	3	87.10	4.69	0.70	160.24	5.277	0.71	0.00	0.00
29	119.00	B2/B66A RRH-BR049	3	84.40	1.87	0.67	117.47	2.223	0.70	0.00	0.00
30	119.00	B5/B13 RRH-BR04C (RFV01U-D2A)	3	70.30	1.87	0.67	101.66	2.223	0.70	0.00	0.00
31	119.00	Kaelus KA-6030	2	17.60	0.96	1.00	32.83	1.219	1.00	0.00	0.00
32	119.00	(15) Mount Pipes	15	30.00	1.31	1.00	50.48	1.906	1.00	0.00	0.00
33	119.00	Low Profile Platform	1	1500.00	31.30	1.00	2353.35	47.682	1.00	0.00	0.00
34	118.50	Andrew SBNHH-1D65B w/ Mount	6	40.00	8.16	0.83	164.91	8.980	0.83	0.00	0.00
35	118.50	Antel LPA-80080-4CF-EDIN-0	6	12.00	5.40	0.74	87.35	6.611	0.76	0.00	0.00
36	92.00	RFS 1142	1	10.00	3.90	1.00	22.76	9.525	1.00	0.00	7.00
37	92.00	Single Arm Mount	2	60.00	1.80	1.00	136.53	4.396	1.00	0.00	0.00
38	92.00	Sinclair SD210-SF3P2LDF	1	18.50	4.80	1.00	56.59	9.296	1.00	0.00	7.00
39	92.00	Single Arm Mount	1	60.00	1.80	1.00	136.53	4.396	1.00	0.00	0.00
		Totals:	**120**	**9,384.40**			**18,577.25**				

Linear Appurtenances

Bottom Elev. (ft)	Top Elev. (ft)	Description	Exposed Width	Exposed
3.00	149.00	(16) 1 5/8" Coax	0.00	Inside
3.00	149.00	(1) 1.9" Fiber	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)
3.00	149.00	(1) 7/8" Coax			0.00	Inside					
3.00	149.00	(1) 7/8" Coax			0.00	Inside					
3.00	149.00	(1) Safety Cable			0.38	Outside					
3.00	149.00	(1) Step bolts (ladder)			0.63	Outside					
3.00	141.00	(12) 1 5/8" Coax			0.00	Inside					
3.00	141.00	(1) 1/2" Fiber			0.00	Inside					
3.00	141.00	(1) 3" Conduit			0.00	Inside					
3.00	141.00	(2) 3/4" DC			0.00	Inside					
3.00	133.75	(1) 7/8" Coax			0.00	Inside					
3.00	119.00	(10) 1 5/8" Coax			0.00	Inside					
3.00	119.00	(2) 1 5/8" Hybrid			0.00	Inside					
3.00	92.00	(2) 7/8" Coax			0.00	Inside					

Shaft Section Properties

Structure: CT13061-A
Site Name: New Fairfield
Height: 149.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1
Topography: 1

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

9/14/2023

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		0.3125	55.920	55.154	21547.4	30.14	178.94	65.9	758.9	0.0
5.00		0.3125	54.643	53.887	20097.1	29.42	174.86	66.8	724.4	927.6
10.00		0.3125	53.367	52.621	18713.4	28.70	170.77	67.6	690.7	906.1
15.00		0.3125	52.090	51.355	17394.7	27.98	166.69	68.5	657.7	884.5
20.00		0.3125	50.813	50.089	16139.5	27.26	162.60	69.3	625.6	863.0
25.00		0.3125	49.537	48.822	14946.1	26.54	158.52	70.2	594.3	841.4
30.00		0.3125	48.260	47.556	13813.1	25.82	154.43	71.0	563.7	819.9
35.00		0.3125	46.983	46.290	12738.8	25.10	150.35	71.9	534.0	798.3
40.00		0.3125	45.707	45.024	11721.7	24.38	146.26	72.7	505.1	776.8
45.00		0.3125	44.430	43.757	10760.3	23.66	142.18	73.6	477.0	755.3
47.75	Bot - Section 2	0.3125	43.728	43.061	10254.6	23.26	139.93	74.0	461.9	406.2
50.00		0.3125	43.153	42.491	9852.9	22.94	138.09	74.4	449.7	659.8
53.25	Top - Section 1	0.3125	42.948	42.288	9712.3	22.82	137.43	0.0	0.0	937.6
55.00		0.3125	42.502	41.845	9410.1	22.57	136.00	74.9	436.1	250.5
60.00		0.3125	41.225	40.578	8581.4	21.85	131.92	75.7	410.0	701.2
65.00		0.3125	39.948	39.312	7802.9	21.13	127.83	76.5	384.7	679.6
70.00		0.3125	38.672	38.046	7072.9	20.41	123.75	77.4	360.2	658.1
75.00		0.3125	37.395	36.780	6389.9	19.69	119.66	78.2	336.6	636.5
80.00		0.3125	36.118	35.513	5752.4	18.97	115.58	79.1	313.7	615.0
85.00		0.3125	34.841	34.247	5158.8	18.25	111.49	79.9	291.6	593.4
90.00		0.3125	33.565	32.981	4607.4	17.53	107.41	80.8	270.4	571.9
92.00		0.3125	33.054	32.474	4398.4	17.24	105.77	81.1	262.1	222.7
95.00		0.3125	32.288	31.715	4096.9	16.81	103.32	81.6	249.9	327.6
97.25	Bot - Section 3	0.3125	31.714	31.145	3880.0	16.48	101.48	82.0	241.0	240.6
100.00		0.3125	31.011	30.448	3625.5	16.09	99.24	82.5	230.3	522.9
101.25	Top - Section 2	0.2500	31.192	24.552	2969.9	20.59	124.77	0.0	0.0	233.8
105.00		0.2500	30.235	23.792	2702.6	19.91	120.94	78.0	176.1	308.4
110.00		0.2500	28.958	22.779	2371.9	19.01	115.83	79.0	161.3	396.2
115.00		0.2500	27.681	21.766	2069.3	18.11	110.73	80.1	147.2	378.9
118.50		0.2500	26.788	21.057	1873.6	17.48	107.15	80.8	137.8	255.0
119.00		0.2500	26.660	20.956	1846.7	17.39	106.64	80.9	136.4	35.7
120.00		0.2500	26.405	20.753	1793.6	17.21	105.62	81.2	133.8	71.0
125.00		0.2500	25.128	19.740	1543.6	16.31	100.51	82.2	121.0	344.5
129.00	Top - Section 3	0.2500	24.107	18.930	1361.2	15.59	96.43	82.5	111.2	263.2
129.00	Bot - Section 4	0.1875	24.107	14.234	1028.9	20.79	128.57	76.4	84.1	
130.00		0.1875	23.851	14.082	996.3	21.02	127.21	76.7	82.3	48.2
133.75		0.1875	22.894	13.513	880.2	20.12	122.10	77.7	75.7	176.1
135.00		0.1875	22.575	13.323	843.6	19.82	120.40	78.1	73.6	57.1
140.00		0.1875	21.298	12.563	707.4	18.62	113.59	79.5	65.4	220.2
141.00		0.1875	21.043	12.411	682.0	18.38	112.23	79.8	63.8	42.5
145.00		0.1875	20.021	11.803	586.6	17.42	106.78	80.9	57.7	164.8
148.00		0.1875	19.255	11.347	521.3	16.70	102.70	81.8	53.3	118.2
149.00		0.1875	19.000	11.195	500.6	16.46	101.33	82.0	51.9	38.4
										18748.6

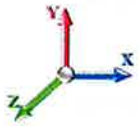
Wind Loading - Shaft

Structure:	CT13061-A	**Code:**	TIA-222-H	9/14/2023	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 9	

Load Case: 1.2D + 1.0W 115 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 26

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	27.328	30.06	501.60	0.630	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	27.328	30.06	490.15	0.630	0.000	5.00	23.389	14.74	443.0	0.0	1113.1
10.00		1.00	0.85	27.328	30.06	478.69	0.630	0.000	5.00	22.849	14.40	432.7	0.0	1087.3
15.00		1.00	0.86	27.665	30.43	470.12	0.630	0.000	5.00	22.309	14.05	427.7	0.0	1061.4
20.00		1.00	0.91	29.295	32.22	471.91	0.630	0.000	5.00	21.769	13.71	441.9	0.0	1035.6
25.00		1.00	0.95	30.643	33.71	470.52	0.630	0.000	5.00	21.229	13.37	450.8	0.0	1009.7
30.00		1.00	0.99	31.799	34.98	466.96	0.630	0.000	5.00	20.689	13.03	455.9	0.0	983.9
35.00		1.00	1.02	32.816	36.10	461.82	0.630	0.000	5.00	20.148	12.69	458.2	0.0	958.0
40.00		1.00	1.05	33.726	37.10	455.46	0.630	0.000	5.00	19.608	12.35	458.3	0.0	932.2
45.00		1.00	1.07	34.553	38.01	448.13	0.630	0.000	5.00	19.068	12.01	456.6	0.0	906.3
47.75	Bot - Section 2	1.00	1.09	34.978	38.48	443.75	0.630	0.000	2.75	10.257	6.46	248.6	0.0	487.4
50.00		1.00	1.10	35.312	38.84	440.01	0.630	0.000	2.25	8.390	5.29	205.3	0.0	791.7
53.25	Top - Section 1	1.00	1.11	35.775	39.35	434.36	0.630	0.000	3.25	11.925	7.51	295.7	0.0	1125.1
55.00		1.00	1.12	36.014	39.62	437.65	0.630	0.000	1.75	6.327	3.99	157.9	0.0	300.6
60.00		1.00	1.14	36.669	40.34	428.34	0.630	0.000	5.00	17.712	11.16	450.1	0.0	841.4
65.00		1.00	1.16	37.282	41.01	418.54	0.630	0.000	5.00	17.172	10.82	443.7	0.0	815.6
70.00		1.00	1.18	37.860	41.65	408.29	0.630	0.000	5.00	16.632	10.48	436.4	0.0	789.7
75.00		1.00	1.19	38.406	42.25	397.65	0.630	0.000	5.00	16.092	10.14	428.3	0.0	763.8
80.00		1.00	1.21	38.925	42.82	386.65	0.630	0.000	5.00	15.551	9.80	419.5	0.0	738.0
85.00		1.00	1.23	39.418	43.36	375.35	0.630	0.000	5.00	15.011	9.46	410.1	0.0	712.1
90.00		1.00	1.24	39.890	43.88	363.75	0.630	0.000	5.00	14.471	9.12	400.0	0.0	686.3
92.00	Appurtenance(s)	1.00	1.25	40.073	44.08	359.04	0.630	0.000	2.00	5.637	3.55	156.5	0.0	267.3
95.00		1.00	1.25	40.342	44.38	351.89	0.630	0.000	3.00	8.294	5.23	231.9	0.0	393.2
97.25	Bot - Section 3	1.00	1.26	40.539	44.59	346.47	0.630	0.000	2.25	6.093	3.84	171.2	0.0	288.8
100.00		1.00	1.27	40.776	44.85	339.79	0.630	0.000	2.75	7.414	4.67	209.5	0.0	627.5
101.25	Top - Section 2	1.00	1.27	40.881	44.97	336.73	0.630	0.000	1.25	3.316	2.09	94.0	0.0	280.6
105.00		1.00	1.28	41.192	45.31	332.97	0.630	0.000	3.75	9.746	6.14	278.2	0.0	370.1
110.00		1.00	1.29	41.594	45.75	320.46	0.630	0.000	5.00	12.522	7.89	360.9	0.0	475.4
115.00		1.00	1.31	41.982	46.18	307.75	0.630	0.000	5.00	11.982	7.55	348.6	0.0	454.7
118.50	Appurtenance(s)	1.00	1.31	42.245	46.47	298.75	0.630	0.000	3.50	8.066	5.08	236.1	0.0	306.0
119.00	Appurtenance(s)	1.00	1.32	42.282	46.51	297.46	0.630	0.000	0.50	1.131	0.71	33.1	0.0	42.9
120.00		1.00	1.32	42.356	46.59	294.87	0.630	0.000	1.00	2.245	1.41	65.9	0.0	85.2
125.00		1.00	1.33	42.719	46.99	281.81	0.630	0.000	5.00	10.902	6.87	322.7	0.0	413.4
129.00	Top - Section 3	1.00	1.34	43.001	47.30	271.25	0.630	0.000	4.00	8.332	5.25	248.3	0.0	315.8
130.00		1.00	1.34	43.070	47.38	268.59	0.630	0.000	1.00	2.029	1.28	60.6	0.0	57.8
133.75	Appurtenance(s)	1.00	1.35	43.327	47.66	258.57	0.630	0.000	3.75	7.417	4.67	222.7	0.0	211.3
135.00		1.00	1.35	43.411	47.75	255.22	0.630	0.000	1.25	2.405	1.51	72.3	0.0	68.5
140.00	Appurtenance(s)	1.00	1.36	43.743	48.12	241.70	0.630	0.000	5.00	9.281	5.85	281.3	0.0	264.2
141.00	Appurtenance(s)	1.00	1.36	43.808	48.19	238.98	0.630	0.000	1.00	1.791	1.13	54.4	0.0	51.0
145.00		1.00	1.37	44.065	48.47	228.05	0.630	0.000	4.00	6.950	4.38	212.2	0.0	197.7
148.00	Appurtenance(s)	1.00	1.38	44.254	48.68	219.79	0.630	0.000	3.00	4.985	3.14	152.9	0.0	141.8
149.00	Appurtenance(s)	1.00	1.38	44.316	48.75	217.03	0.630	0.000	1.00	1.619	1.02	49.7	0.0	46.0
								Totals:	**149.00**			**11,783.8**		**22,498.3**

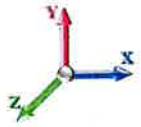
Discrete Appurtenance Forces

Structure:	CT13061-A	**Code:**	TIA-222-H	9/14/2023	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 10	

Load Case: 1.2D + 1.0W 115 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 26

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	Kathrein 782 11056	3	44.316	48.748	0.45	0.90	0.38	9.36	0.000	0.000	18.43	0.00	0.00
2	149.00	Ericsson 4480 B71 + B85	3	44.316	48.748	0.45	0.90	3.85	334.80	0.000	0.000	187.56	0.00	0.00
3	149.00	Ericsson KRY 112 489/2	3	44.316	48.748	0.45	0.90	0.92	47.52	0.000	0.000	44.75	0.00	0.00
4	149.00	RFS APXV18-209014	3	44.316	48.748	0.67	0.90	7.15	67.32	0.000	0.000	348.68	0.00	0.00
5	149.00	RFS	3	44.316	48.748	0.66	0.90	39.89	442.08	0.000	0.000	1944.69	0.00	0.00
6	149.00	RFS	3	44.316	48.748	0.66	0.90	10.19	95.04	0.000	0.000	496.74	0.00	0.00
7	149.00	Standoff Mount	1	44.316	48.748	1.00	1.00	1.80	72.00	0.000	0.000	87.75	0.00	0.00
8	149.00	RFS BA1010	1	44.400	48.840	1.00	1.00	1.24	10.56	0.000	1.350	60.56	0.00	81.76
9	149.00	Lightning Rod	1	44.532	48.985	1.00	1.00	1.05	42.00	0.000	3.500	51.43	0.00	180.02
10	148.00	Low Profile Platform	1	44.254	48.679	1.00	1.00	35.03	2236.20	0.000	0.000	1705.23	0.00	0.00
11	141.00	Ericsson 4426 B66 RRU	3	43.808	48.188	0.40	0.80	1.38	174.60	0.000	0.000	66.50	0.00	0.00
12	141.00	Ericsson RRUS 12 RRU	3	43.937	48.331	0.40	0.80	3.78	180.00	0.000	2.000	182.69	0.00	365.38
13	141.00	Ericsson RRUS 11 RRU	3	43.808	48.188	0.40	0.80	3.02	198.00	0.000	0.000	145.72	0.00	0.00
14	141.00	Powerwave	3	43.937	48.331	0.40	0.80	0.66	57.60	0.000	2.000	31.90	0.00	63.80
15	141.00	Powerwave LGP-21401	9	43.937	48.331	0.40	0.80	3.78	152.28	0.000	2.000	182.69	0.00	365.38
16	141.00	Cci HPA-65R-BUU-H6	3	43.937	48.331	0.68	0.80	19.71	182.52	0.000	2.000	952.42	0.00	1904.84
17	141.00	Ericsson RRUS 32 RRU	3	43.808	48.188	0.40	0.80	1.98	277.20	0.000	0.000	95.41	0.00	0.00
18	140.00	Powerwave 7770	6	43.743	48.117	0.58	0.80	19.31	252.00	0.000	0.000	928.99	0.00	0.00
19	140.00	Low Profile Platform	1	43.743	48.117	1.00	1.00	25.91	1830.00	0.000	0.000	1246.71	0.00	0.00
20	140.00	Powerwave 1001983	3	43.743	48.117	0.80	0.80	0.26	10.44	0.000	0.000	12.70	0.00	0.00
21	140.00	Raycap DC6-48-60-18-8F	2	43.743	48.117	0.40	0.80	1.76	78.72	0.000	0.000	84.69	0.00	0.00
22	140.00	Ericsson RRUS-A2 RRU	3	43.743	48.117	0.40	0.80	1.88	54.00	0.000	0.000	90.65	0.00	0.00
23	140.00	Kaelus DBCT108F1V92-1	6	43.743	48.117	0.40	0.80	1.70	120.24	0.000	0.000	81.99	0.00	0.00
24	140.00	Kathrein 80010798	3	43.743	48.117	0.62	0.80	20.01	310.68	0.000	0.000	962.90	0.00	0.00
25	133.75	Standoff Mount	1	43.327	47.660	1.00	1.00	1.80	72.00	0.000	0.000	85.79	0.00	0.00
26	133.75	RFS BA40-01	1	43.327	47.660	1.00	1.00	3.45	38.40	0.000	0.000	164.43	0.00	0.00
27	119.00	Raycap	1	42.282	46.511	0.75	0.75	2.84	38.40	0.000	0.000	132.21	0.00	0.00
28	119.00	MT6407-77A	3	42.282	46.511	0.52	0.75	7.39	313.56	0.000	0.000	343.56	0.00	0.00
29	119.00	B2/B66A RRH-BR049	3	42.282	46.511	0.50	0.75	2.82	303.84	0.000	0.000	131.11	0.00	0.00
30	119.00	B5/B13 RRH-BR04C	3	42.282	46.511	0.50	0.75	2.82	253.08	0.000	0.000	131.11	0.00	0.00
31	119.00	Kaelus KA-6030	2	42.282	46.511	0.75	0.75	1.44	42.24	0.000	0.000	66.98	0.00	0.00
32	119.00	(15) Mount Pipes	15	42.282	46.511	0.75	0.75	14.74	540.00	0.000	0.000	685.45	0.00	0.00
33	119.00	Low Profile Platform	1	42.282	46.511	1.00	1.00	31.30	1800.00	0.000	0.000	1455.78	0.00	0.00
34	118.50	Antel	6	42.245	46.470	0.55	0.75	17.98	86.40	0.000	0.000	835.62	0.00	0.00
35	118.50	Andrew SBNHH-1D65B w/	6	42.245	46.470	0.62	0.75	30.48	288.00	0.000	0.000	1416.29	0.00	0.00
36	92.00	Single Arm Mount	1	40.073	44.081	1.00	1.00	1.80	72.00	0.000	0.000	79.35	0.00	0.00
37	92.00	Sinclair SD210-SF3P2LDF	1	40.690	44.759	1.00	1.00	4.80	22.20	0.000	7.000	214.84	0.00	1503.91
38	92.00	Single Arm Mount	2	40.073	44.081	1.00	1.00	3.60	144.00	0.000	0.000	158.69	0.00	0.00
39	92.00	RFS 1142	1	40.690	44.759	1.00	1.00	3.90	12.00	0.000	7.000	174.56	0.00	1221.93
							Totals:		**11,261.28**			**16,087.56**		

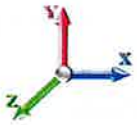
Total Applied Force Summary

Structure:	CT13061-A		**Code:**	TIA-222-H	9/14/2023
Site Name:	New Fairfield		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 11

Load Case: 1.2D + 1.0W 115 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 26

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		453.07	1229.54	0.00	0.00
10.00		458.02	1378.29	0.00	0.00
15.00		453.32	1352.44	0.00	0.00
20.00		469.07	1326.59	0.00	0.00
25.00		479.17	1300.74	0.00	0.00
30.00		485.34	1274.88	0.00	0.00
35.00		488.58	1249.03	0.00	0.00
40.00		489.52	1223.18	0.00	0.00
45.00		488.59	1197.32	0.00	0.00
47.75		266.45	647.51	0.00	0.00
50.00		220.02	922.66	0.00	0.00
53.25		317.18	1314.25	0.00	0.00
55.00		169.58	402.46	0.00	0.00
60.00		484.04	1132.42	0.00	0.00
65.00		478.18	1106.57	0.00	0.00
70.00		471.41	1080.72	0.00	0.00
75.00		463.84	1054.86	0.00	0.00
80.00		455.53	1029.01	0.00	0.00
85.00		446.56	1003.16	0.00	0.00
90.00		436.97	977.31	0.00	0.00
92.00	(5) attachments	798.83	633.88	0.00	2725.84
95.00		254.28	564.03	0.00	0.00
97.25		188.06	416.91	0.00	0.00
100.00		230.28	784.12	0.00	0.00
101.25		103.41	351.76	0.00	0.00
105.00		306.82	583.72	0.00	0.00
110.00		399.45	760.19	0.00	0.00
115.00		387.46	739.51	0.00	0.00
118.50	(12) attachments	2515.42	879.75	0.00	0.00
119.00	(28) attachments	2983.25	3362.49	0.00	0.00
120.00		73.74	126.99	0.00	0.00
125.00		362.28	622.54	0.00	0.00
129.00		280.15	483.14	0.00	0.00
130.00		68.54	99.65	0.00	0.00
133.75	(2) attachments	502.99	478.56	0.00	0.00
135.00		82.39	120.00	0.00	0.00
140.00	(24) attachments	3730.47	3126.39	0.00	0.00
141.00	(27) attachments	1719.83	1314.40	0.00	2699.40
145.00		244.86	289.54	0.00	0.00
148.00	(1) attachments	1882.70	2446.84	0.00	0.00
149.00	(21) attachments	3298.51	1189.65	0.00	261.78
	Totals:	**28,888.18**	**41,576.99**	**0.00**	**5,687.01**

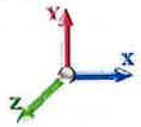
Linear Appurtenance Segment Forces (Factored)

Structure:	CT13061-A	**Code:**	TIA-222-H	9/14/2023	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 12	

Load Case: 1.2D + 1.0W 115 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 26

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	2.00	2.000	0.38	0.06	0.13	0.000	0.000	27.328	3.81	0.66
5.00	Step bolts (ladder)	Yes	2.00	2.000	0.63	0.10	0.21	0.000	0.000	27.328	6.31	2.50
10.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	27.328	9.52	1.64
10.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	27.328	15.78	6.24
15.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	27.665	9.64	1.64
15.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	27.665	15.98	6.24
20.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	29.295	10.20	1.64
20.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	29.295	16.92	6.24
25.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	30.643	10.67	1.64
25.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	30.643	17.70	6.24
30.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	31.799	11.08	1.64
30.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	31.799	18.36	6.24
35.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	32.816	11.43	1.64
35.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	32.816	18.95	6.24
40.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	33.726	11.75	1.64
40.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	33.726	19.48	6.24
45.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	34.553	12.04	1.64
45.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	34.553	19.95	6.24
47.75	Safety Cable	Yes	2.75	2.000	0.38	0.09	0.17	0.000	0.000	34.978	6.70	0.90
47.75	Step bolts (ladder)	Yes	2.75	2.000	0.63	0.14	0.29	0.000	0.000	34.978	11.11	3.43
50.00	Safety Cable	Yes	2.25	2.000	0.38	0.07	0.14	0.000	0.000	35.312	5.54	0.74
50.00	Step bolts (ladder)	Yes	2.25	2.000	0.63	0.12	0.24	0.000	0.000	35.312	9.18	2.81
53.25	Safety Cable	Yes	3.25	2.000	0.38	0.10	0.21	0.000	0.000	35.775	8.10	1.06
53.25	Step bolts (ladder)	Yes	3.25	2.000	0.63	0.17	0.34	0.000	0.000	35.775	13.43	4.06
55.00	Safety Cable	Yes	1.75	2.000	0.38	0.06	0.11	0.000	0.000	36.014	4.39	0.57
55.00	Step bolts (ladder)	Yes	1.75	2.000	0.63	0.09	0.18	0.000	0.000	36.014	7.28	2.18
60.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	36.669	12.77	1.64
60.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	36.669	21.18	6.24
65.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	37.282	12.99	1.64
65.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	37.282	21.53	6.24
70.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	37.860	13.19	1.64
70.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	37.860	21.86	6.24
75.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	38.406	13.38	1.64
75.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	38.406	22.18	6.24
80.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	38.925	13.56	1.64
80.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	38.925	22.48	6.24
85.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	39.418	13.73	1.64
85.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	39.418	22.76	6.24
90.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	39.890	13.90	1.64
90.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	39.890	23.04	6.24
92.00	Safety Cable	Yes	2.00	2.000	0.38	0.06	0.13	0.000	0.000	40.073	5.58	0.66
92.00	Step bolts (ladder)	Yes	2.00	2.000	0.63	0.10	0.21	0.000	0.000	40.073	9.26	2.50
95.00	Safety Cable	Yes	3.00	2.000	0.38	0.10	0.19	0.000	0.000	40.342	8.43	0.98
95.00	Step bolts (ladder)	Yes	3.00	2.000	0.63	0.16	0.32	0.000	0.000	40.342	13.98	3.74
97.25	Safety Cable	Yes	2.25	2.000	0.38	0.07	0.14	0.000	0.000	40.539	6.35	0.74
97.25	Step bolts (ladder)	Yes	2.25	2.000	0.63	0.12	0.24	0.000	0.000	40.539	10.54	2.81
100.00	Safety Cable	Yes	2.75	2.000	0.38	0.09	0.17	0.000	0.000	40.776	7.81	0.90

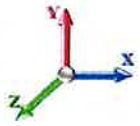
Linear Appurtenance Segment Forces (Factored)

Structure:	CT13061-A	**Code:**	TIA-222-H	9/14/2023	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 13	

Load Case: 1.2D + 1.0W 115 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 26

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	2.75	2.000	0.63	0.14	0.29	0.000	0.000	40.776	12.95	3.43
101.25	Safety Cable	Yes	1.25	2.000	0.38	0.04	0.08	0.000	0.000	40.881	3.56	0.41
101.25	Step bolts (ladder)	Yes	1.25	2.000	0.63	0.07	0.13	0.000	0.000	40.881	5.90	1.56
105.00	Safety Cable	Yes	3.75	2.000	0.38	0.12	0.24	0.000	0.000	41.192	10.76	1.23
105.00	Step bolts (ladder)	Yes	3.75	2.000	0.63	0.20	0.39	0.000	0.000	41.192	17.84	4.68
110.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	41.594	14.49	1.64
110.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	41.594	24.02	6.24
115.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	41.982	14.62	1.64
115.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	41.982	24.24	6.24
118.50	Safety Cable	Yes	3.50	2.000	0.38	0.11	0.22	0.000	0.000	42.245	10.30	1.15
118.50	Step bolts (ladder)	Yes	3.50	2.000	0.63	0.18	0.37	0.000	0.000	42.245	17.08	4.37
119.00	Safety Cable	Yes	0.50	2.000	0.38	0.02	0.03	0.000	0.000	42.282	1.47	0.16
119.00	Step bolts (ladder)	Yes	0.50	2.000	0.63	0.03	0.05	0.000	0.000	42.282	2.44	0.62
120.00	Safety Cable	Yes	1.00	2.000	0.38	0.03	0.06	0.000	0.000	42.356	2.95	0.33
120.00	Step bolts (ladder)	Yes	1.00	2.000	0.63	0.05	0.10	0.000	0.000	42.356	4.89	1.25
125.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	42.719	14.88	1.64
125.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	42.719	24.67	6.24
129.00	Safety Cable	Yes	4.00	2.000	0.38	0.13	0.25	0.000	0.000	43.001	11.98	1.31
129.00	Step bolts (ladder)	Yes	4.00	2.000	0.63	0.21	0.42	0.000	0.000	43.001	19.87	4.99
130.00	Safety Cable	Yes	1.00	2.000	0.38	0.03	0.06	0.000	0.000	43.070	3.00	0.33
130.00	Step bolts (ladder)	Yes	1.00	2.000	0.63	0.05	0.10	0.000	0.000	43.070	4.97	1.25
133.75	Safety Cable	Yes	3.75	2.000	0.38	0.12	0.24	0.000	0.000	43.327	11.32	1.23
133.75	Step bolts (ladder)	Yes	3.75	2.000	0.63	0.20	0.39	0.000	0.000	43.327	18.77	4.68
135.00	Safety Cable	Yes	1.25	2.000	0.38	0.04	0.08	0.000	0.000	43.411	3.78	0.41
135.00	Step bolts (ladder)	Yes	1.25	2.000	0.63	0.07	0.13	0.000	0.000	43.411	6.27	1.56
140.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	43.743	15.24	1.64
140.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	43.743	25.26	6.24
141.00	Safety Cable	Yes	1.00	2.000	0.38	0.03	0.06	0.000	0.000	43.808	3.05	0.33
141.00	Step bolts (ladder)	Yes	1.00	2.000	0.63	0.05	0.10	0.000	0.000	43.808	5.06	1.25
145.00	Safety Cable	Yes	4.00	2.000	0.38	0.13	0.25	0.000	0.000	44.065	12.28	1.31
145.00	Step bolts (ladder)	Yes	4.00	2.000	0.63	0.21	0.42	0.000	0.000	44.065	20.36	4.99
148.00	Safety Cable	Yes	3.00	2.000	0.38	0.10	0.19	0.000	0.000	44.254	9.25	0.98
148.00	Step bolts (ladder)	Yes	3.00	2.000	0.63	0.16	0.32	0.000	0.000	44.254	15.33	3.74
149.00	Safety Cable	Yes	1.00	2.000	0.38	0.03	0.06	0.000	0.000	44.316	3.09	0.33
149.00	Step bolts (ladder)	Yes	1.00	2.000	0.63	0.05	0.10	0.000	0.000	44.316	5.12	1.25
										Totals:	**1,016.9**	**230.0**

Calculated Forces

Structure: CT13061-A
Site Name: New Fairfield
Height: 149.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 9/14/2023
Exposure: C
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II Page: 14

Load Case: 1.2D + 1.0W 115 mph Wind
Dead Load Factor 1.20
Wind Load Factor 1.00

Iterations 26

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-41.52	-28.97	0.00	-3227.2	0.00	3227.21	3273.57	967.95	4465.80	3753.83	0.00	0.000	0.000	0.873
5.00	-40.19	-28.66	0.00	-3082.3	0.00	3082.39	3239.51	945.72	4263.10	3629.01	0.11	-0.208	0.000	0.863
10.00	-38.71	-28.34	0.00	-2939.1	0.00	2939.10	3203.51	923.50	4065.10	3503.87	0.44	-0.421	0.000	0.852
15.00	-37.25	-28.02	0.00	-2797.4	0.00	2797.41	3165.58	901.28	3871.81	3378.58	1.00	-0.639	0.000	0.841
20.00	-35.82	-27.67	0.00	-2657.3	0.00	2657.34	3125.72	879.06	3683.23	3253.29	1.79	-0.862	0.000	0.829
25.00	-34.42	-27.31	0.00	-2518.9	0.00	2518.99	3083.93	856.83	3499.36	3128.15	2.82	-1.091	0.000	0.817
30.00	-33.05	-26.93	0.00	-2382.4	0.00	2382.45	3040.21	834.61	3320.20	3003.31	4.09	-1.324	0.000	0.805
35.00	-31.70	-26.55	0.00	-2247.7	0.00	2247.79	2994.56	812.39	3145.74	2878.94	5.60	-1.562	0.000	0.792
40.00	-30.38	-26.15	0.00	-2115.0	0.00	2115.07	2946.97	790.16	2975.99	2755.17	7.37	-1.806	0.000	0.779
45.00	-29.11	-25.72	0.00	-1984.3	0.00	1984.31	2897.46	767.94	2810.95	2632.17	9.39	-2.055	0.000	0.765
47.75	-28.42	-25.50	0.00	-1913.5	0.00	1913.58	2869.40	755.72	2722.18	2564.91	10.62	-2.196	0.000	0.757
50.00	-27.44	-25.31	0.00	-1856.2	0.00	1856.21	2846.01	745.72	2650.61	2510.09	11.68	-2.314	0.000	0.750
53.25	-26.08	-25.00	0.00	-1773.9	0.00	1773.96	2837.57	742.15	2625.33	2490.60	13.32	-2.484	0.000	0.723
55.00	-25.61	-24.89	0.00	-1730.2	0.00	1730.22	2819.00	734.38	2570.59	2448.18	14.24	-2.578	0.000	0.717
60.00	-24.39	-24.46	0.00	-1605.7	0.00	1605.78	2764.64	712.15	2417.36	2327.78	17.08	-2.830	0.000	0.700
65.00	-23.21	-24.03	0.00	-1483.4	0.00	1483.49	2708.35	689.93	2268.85	2208.68	20.18	-3.086	0.000	0.681
70.00	-22.05	-23.60	0.00	-1363.3	0.00	1363.35	2650.12	667.71	2125.04	2091.04	23.55	-3.346	0.000	0.662
75.00	-20.91	-23.17	0.00	-1245.3	0.00	1245.36	2589.96	645.48	1985.94	1975.01	27.19	-3.608	0.000	0.640
80.00	-19.81	-22.74	0.00	-1129.5	0.00	1129.52	2527.88	623.26	1851.55	1860.74	31.11	-3.873	0.000	0.616
85.00	-18.74	-22.31	0.00	-1015.8	0.00	1015.83	2463.86	601.04	1721.87	1748.39	35.31	-4.138	0.000	0.590
90.00	-17.73	-21.86	0.00	-904.29	0.00	904.29	2397.91	578.82	1596.89	1638.12	39.78	-4.403	0.000	0.561
92.00	-17.11	-21.05	0.00	-857.85	0.00	857.85	2370.99	569.93	1548.22	1594.62	41.65	-4.512	0.000	0.547
95.00	-16.52	-20.79	0.00	-794.69	0.00	794.69	2330.03	556.59	1476.63	1530.06	44.53	-4.672	0.000	0.528
97.25	-16.07	-20.61	0.00	-747.90	0.00	747.90	2298.85	546.59	1424.04	1482.20	46.76	-4.792	0.000	0.513
100.00	-15.27	-20.34	0.00	-691.22	0.00	691.22	2260.21	534.37	1361.07	1424.39	49.56	-4.937	0.000	0.493
101.25	-14.88	-20.24	0.00	-665.80	0.00	665.80	1705.50	430.88	1106.18	1085.58	50.86	-5.004	0.000	0.624
105.00	-14.24	-19.95	0.00	-589.89	0.00	589.89	1669.73	417.55	1038.78	1029.66	54.87	-5.195	0.000	0.584
110.00	-13.43	-19.54	0.00	-490.16	0.00	490.16	1620.35	399.77	952.21	956.31	60.45	-5.479	0.000	0.523
115.00	-12.66	-19.13	0.00	-392.46	0.00	392.46	1569.04	381.99	869.40	884.49	66.33	-5.744	0.000	0.454
118.50	-12.01	-16.56	0.00	-325.50	0.00	325.50	1531.97	369.55	813.67	835.21	70.60	-5.916	0.000	0.400
119.00	-8.97	-13.25	0.00	-317.22	0.00	317.22	1526.60	367.77	805.86	828.24	71.22	-5.941	0.000	0.390
120.00	-8.82	-13.18	0.00	-303.97	0.00	303.97	1515.79	364.22	790.36	814.35	72.47	-5.989	0.000	0.380
125.00	-8.20	-12.78	0.00	-238.05	0.00	238.05	1460.62	346.44	715.08	746.04	78.85	-6.204	0.000	0.326
129.00	-7.73	-12.47	0.00	-186.91	0.00	186.91	1406.38	332.21	657.57	688.55	84.10	-6.360	0.000	0.278
129.00	-7.73	-12.47	0.00	-186.91	0.00	186.91	978.70	249.81	495.77	481.68	84.10	-6.360	0.000	0.398
130.00	-7.61	-12.40	0.00	-174.44	0.00	174.44	971.83	247.15	485.24	473.15	85.44	-6.398	0.000	0.379
133.75	-7.17	-11.86	0.00	-127.94	0.00	127.94	945.39	237.15	446.77	441.51	90.52	-6.560	0.000	0.300
135.00	-7.04	-11.78	0.00	-113.12	0.00	113.12	936.33	233.81	434.29	431.08	92.24	-6.609	0.000	0.272
140.00	-4.36	-7.71	0.00	-54.23	0.00	54.23	898.90	220.48	386.17	390.05	99.23	-6.750	0.000	0.145
141.00	-3.26	-5.85	0.00	-43.82	0.00	43.82	891.19	217.81	376.89	381.99	100.64	-6.770	0.000	0.119
145.00	-2.99	-5.58	0.00	-20.41	0.00	20.41	859.54	207.15	340.88	350.22	106.33	-6.823	0.000	0.062
148.00	-0.79	-3.42	0.00	-3.68	0.00	3.68	835.00	199.16	315.06	326.96	110.61	-6.841	0.000	0.012
149.00	0.00	-3.30	0.00	-0.26	0.00	0.26	826.66	196.48	306.67	319.32	112.04	-6.842	0.000	0.001

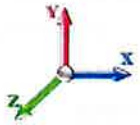
Wind Loading - Shaft

Structure:	CT13061-A	**Code:**	TIA-222-H	9/14/2023	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 15	

Load Case: 0.9D + 1.0W 115 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 26

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	27.328	30.06	501.60	0.630	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	27.328	30.06	490.15	0.630	0.000	5.00	23.389	14.74	443.0	0.0	834.8
10.00		1.00	0.85	27.328	30.06	478.69	0.630	0.000	5.00	22.849	14.40	432.7	0.0	815.5
15.00		1.00	0.86	27.665	30.43	470.12	0.630	0.000	5.00	22.309	14.05	427.7	0.0	796.1
20.00		1.00	0.91	29.295	32.22	471.91	0.630	0.000	5.00	21.769	13.71	441.9	0.0	776.7
25.00		1.00	0.95	30.643	33.71	470.52	0.630	0.000	5.00	21.229	13.37	450.8	0.0	757.3
30.00		1.00	0.99	31.799	34.98	466.96	0.630	0.000	5.00	20.689	13.03	455.9	0.0	737.9
35.00		1.00	1.02	32.816	36.10	461.82	0.630	0.000	5.00	20.148	12.69	458.2	0.0	718.5
40.00		1.00	1.05	33.726	37.10	455.46	0.630	0.000	5.00	19.608	12.35	458.3	0.0	699.1
45.00		1.00	1.07	34.553	38.01	448.13	0.630	0.000	5.00	19.068	12.01	456.6	0.0	679.7
47.75	Bot - Section 2	1.00	1.09	34.978	38.48	443.75	0.630	0.000	2.75	10.257	6.46	248.6	0.0	365.6
50.00		1.00	1.10	35.312	38.84	440.01	0.630	0.000	2.25	8.390	5.29	205.3	0.0	593.8
53.25	Top - Section 1	1.00	1.11	35.775	39.35	434.36	0.630	0.000	3.25	11.925	7.51	295.7	0.0	843.8
55.00		1.00	1.12	36.014	39.62	437.65	0.630	0.000	1.75	6.327	3.99	157.9	0.0	225.4
60.00		1.00	1.14	36.669	40.34	428.34	0.630	0.000	5.00	17.712	11.16	450.1	0.0	631.1
65.00		1.00	1.16	37.282	41.01	418.54	0.630	0.000	5.00	17.172	10.82	443.7	0.0	611.7
70.00		1.00	1.18	37.860	41.65	408.29	0.630	0.000	5.00	16.632	10.48	436.4	0.0	592.3
75.00		1.00	1.19	38.406	42.25	397.65	0.630	0.000	5.00	16.092	10.14	428.3	0.0	572.9
80.00		1.00	1.21	38.925	42.82	386.65	0.630	0.000	5.00	15.551	9.80	419.5	0.0	553.5
85.00		1.00	1.23	39.418	43.36	375.35	0.630	0.000	5.00	15.011	9.46	410.1	0.0	534.1
90.00		1.00	1.24	39.890	43.88	363.75	0.630	0.000	5.00	14.471	9.12	400.0	0.0	514.7
92.00	Appurtenance(s)	1.00	1.25	40.073	44.08	359.04	0.630	0.000	2.00	5.637	3.55	156.5	0.0	200.5
95.00		1.00	1.25	40.342	44.38	351.89	0.630	0.000	3.00	8.294	5.23	231.9	0.0	294.9
97.25	Bot - Section 3	1.00	1.26	40.539	44.59	346.47	0.630	0.000	2.25	6.093	3.84	171.2	0.0	216.6
100.00		1.00	1.27	40.776	44.85	339.79	0.630	0.000	2.75	7.414	4.67	209.5	0.0	470.6
101.25	Top - Section 2	1.00	1.27	40.881	44.97	336.73	0.630	0.000	1.25	3.316	2.09	94.0	0.0	210.4
105.00		1.00	1.28	41.192	45.31	332.97	0.630	0.000	3.75	9.746	6.14	278.2	0.0	277.6
110.00		1.00	1.29	41.594	45.75	320.46	0.630	0.000	5.00	12.522	7.89	360.9	0.0	356.6
115.00		1.00	1.31	41.982	46.18	307.75	0.630	0.000	5.00	11.982	7.55	348.6	0.0	341.0
118.50	Appurtenance(s)	1.00	1.31	42.245	46.47	298.75	0.630	0.000	3.50	8.066	5.08	236.1	0.0	229.5
119.00	Appurtenance(s)	1.00	1.32	42.282	46.51	297.46	0.630	0.000	0.50	1.131	0.71	33.1	0.0	32.2
120.00		1.00	1.32	42.356	46.59	294.87	0.630	0.000	1.00	2.245	1.41	65.9	0.0	63.9
125.00		1.00	1.33	42.719	46.99	281.81	0.630	0.000	5.00	10.902	6.87	322.7	0.0	310.0
129.00	Top - Section 3	1.00	1.34	43.001	47.30	271.25	0.630	0.000	4.00	8.332	5.25	248.3	0.0	236.9
130.00		1.00	1.34	43.070	47.38	268.59	0.630	0.000	1.00	2.029	1.28	60.6	0.0	43.4
133.75	Appurtenance(s)	1.00	1.35	43.327	47.66	258.57	0.630	0.000	3.75	7.417	4.67	222.7	0.0	158.5
135.00		1.00	1.35	43.411	47.75	255.22	0.630	0.000	1.25	2.405	1.51	72.3	0.0	51.4
140.00	Appurtenance(s)	1.00	1.36	43.743	48.12	241.70	0.630	0.000	5.00	9.281	5.85	281.3	0.0	198.2
141.00	Appurtenance(s)	1.00	1.36	43.808	48.19	238.98	0.630	0.000	1.00	1.791	1.13	54.4	0.0	38.2
145.00		1.00	1.37	44.065	48.47	228.05	0.630	0.000	4.00	6.950	4.38	212.2	0.0	148.3
148.00	Appurtenance(s)	1.00	1.38	44.254	48.68	219.79	0.630	0.000	3.00	4.985	3.14	152.9	0.0	106.3
149.00	Appurtenance(s)	1.00	1.38	44.316	48.75	217.03	0.630	0.000	1.00	1.619	1.02	49.7	0.0	34.5
								Totals:	**149.00**			**11,783.8**		**16,873.8**

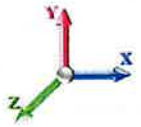
Discrete Appurtenance Forces

Structure:	CT13061-A	**Code:**	TIA-222-H	9/14/2023	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 16	

Load Case: 0.9D + 1.0W 115 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 26

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	Kathrein 782 11056	3	44.316	48.748	0.45	0.90	0.38	7.02	0.000	0.000	18.43	0.00	0.00
2	149.00	Ericsson 4480 B71 + B85	3	44.316	48.748	0.45	0.90	3.85	251.10	0.000	0.000	187.56	0.00	0.00
3	149.00	Ericsson KRY 112 489/2	3	44.316	48.748	0.45	0.90	0.92	35.64	0.000	0.000	44.75	0.00	0.00
4	149.00	RFS APXV18-209014	3	44.316	48.748	0.67	0.90	7.15	50.49	0.000	0.000	348.68	0.00	0.00
5	149.00	RFS	3	44.316	48.748	0.66	0.90	39.89	331.56	0.000	0.000	1944.69	0.00	0.00
6	149.00	RFS	3	44.316	48.748	0.66	0.90	10.19	71.28	0.000	0.000	496.74	0.00	0.00
7	149.00	Standoff Mount	1	44.316	48.748	1.00	1.00	1.80	54.00	0.000	0.000	87.75	0.00	0.00
8	149.00	RFS BA1010	1	44.400	48.840	1.00	1.00	1.24	7.92	0.000	1.350	60.56	0.00	81.76
9	149.00	Lightning Rod	1	44.532	48.985	1.00	1.00	1.05	31.50	0.000	3.500	51.43	0.00	180.02
10	148.00	Low Profile Platform	1	44.254	48.679	1.00	1.00	35.03	1677.15	0.000	0.000	1705.23	0.00	0.00
11	141.00	Ericsson 4426 B66 RRU	3	43.808	48.188	0.40	0.80	1.38	130.95	0.000	0.000	66.50	0.00	0.00
12	141.00	Ericsson RRUS 12 RRU	3	43.937	48.331	0.40	0.80	3.78	135.00	0.000	2.000	182.69	0.00	365.38
13	141.00	Ericsson RRUS 11 RRU	3	43.808	48.188	0.40	0.80	3.02	148.50	0.000	0.000	145.72	0.00	0.00
14	141.00	Powerwave	3	43.937	48.331	0.40	0.80	0.66	43.20	0.000	2.000	31.90	0.00	63.80
15	141.00	Powerwave LGP-21401	9	43.937	48.331	0.40	0.80	3.78	114.21	0.000	2.000	182.69	0.00	365.38
16	141.00	Cci HPA-65R-BUU-H6	3	43.937	48.331	0.68	0.80	19.71	136.89	0.000	2.000	952.42	0.00	1904.84
17	141.00	Ericsson RRUS 32 RRU	3	43.808	48.188	0.40	0.80	1.98	207.90	0.000	0.000	95.41	0.00	0.00
18	140.00	Powerwave 7770	6	43.743	48.117	0.58	0.80	19.31	189.00	0.000	0.000	928.99	0.00	0.00
19	140.00	Low Profile Platform	1	43.743	48.117	1.00	1.00	25.91	1372.50	0.000	0.000	1246.71	0.00	0.00
20	140.00	Powerwave 1001983	3	43.743	48.117	0.80	0.80	0.26	7.83	0.000	0.000	12.70	0.00	0.00
21	140.00	Raycap DC6-48-60-18-8F	2	43.743	48.117	0.40	0.80	1.76	59.04	0.000	0.000	84.69	0.00	0.00
22	140.00	Ericsson RRUS-A2 RRU	3	43.743	48.117	0.40	0.80	1.88	40.50	0.000	0.000	90.65	0.00	0.00
23	140.00	Kaelus DBCT108F1V92-1	6	43.743	48.117	0.40	0.80	1.70	90.18	0.000	0.000	81.99	0.00	0.00
24	140.00	Kathrein 80010798	3	43.743	48.117	0.62	0.80	20.01	233.01	0.000	0.000	962.90	0.00	0.00
25	133.75	Standoff Mount	1	43.327	47.660	1.00	1.00	1.80	54.00	0.000	0.000	85.79	0.00	0.00
26	133.75	RFS BA40-01	1	43.327	47.660	1.00	1.00	3.45	28.80	0.000	0.000	164.43	0.00	0.00
27	119.00	Raycap	1	42.282	46.511	0.75	0.75	2.84	28.80	0.000	0.000	132.21	0.00	0.00
28	119.00	MT6407-77A	3	42.282	46.511	0.52	0.75	7.39	235.17	0.000	0.000	343.56	0.00	0.00
29	119.00	B2/B66A RRH-BR049	3	42.282	46.511	0.50	0.75	2.82	227.88	0.000	0.000	131.11	0.00	0.00
30	119.00	B5/B13 RRH-BR04C	3	42.282	46.511	0.50	0.75	2.82	189.81	0.000	0.000	131.11	0.00	0.00
31	119.00	Kaelus KA-6030	2	42.282	46.511	0.75	0.75	1.44	31.68	0.000	0.000	66.98	0.00	0.00
32	119.00	(15) Mount Pipes	15	42.282	46.511	0.75	0.75	14.74	405.00	0.000	0.000	685.45	0.00	0.00
33	119.00	Low Profile Platform	1	42.282	46.511	1.00	1.00	31.30	1350.00	0.000	0.000	1455.78	0.00	0.00
34	118.50	Antel	6	42.245	46.470	0.55	0.75	17.98	64.80	0.000	0.000	835.62	0.00	0.00
35	118.50	Andrew SBNHH-1D65B w/	6	42.245	46.470	0.62	0.75	30.48	216.00	0.000	0.000	1416.29	0.00	0.00
36	92.00	Single Arm Mount	1	40.073	44.081	1.00	1.00	1.80	54.00	0.000	0.000	79.35	0.00	0.00
37	92.00	Sinclair SD210-SF3P2LDF	1	40.690	44.759	1.00	1.00	4.80	16.65	0.000	7.000	214.84	0.00	1503.91
38	92.00	Single Arm Mount	2	40.073	44.081	1.00	1.00	3.60	108.00	0.000	0.000	158.69	0.00	0.00
39	92.00	RFS 1142	1	40.690	44.759	1.00	1.00	3.90	9.00	0.000	7.000	174.56	0.00	1221.93
							Totals:		**8,445.96**			**16,087.56**		

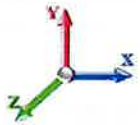
Total Applied Force Summary

Structure:	CT13061-A		**Code:**	TIA-222-H	9/14/2023
Site Name:	New Fairfield		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 17

Load Case: 0.9D + 1.0W 115 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 26

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		453.07	922.15	0.00	0.00
10.00		458.02	1033.72	0.00	0.00
15.00		453.32	1014.33	0.00	0.00
20.00		469.07	994.94	0.00	0.00
25.00		479.17	975.55	0.00	0.00
30.00		485.34	956.16	0.00	0.00
35.00		488.58	936.77	0.00	0.00
40.00		489.52	917.38	0.00	0.00
45.00		488.59	897.99	0.00	0.00
47.75		266.45	485.63	0.00	0.00
50.00		220.02	692.00	0.00	0.00
53.25		317.18	985.69	0.00	0.00
55.00		169.58	301.84	0.00	0.00
60.00		484.04	849.32	0.00	0.00
65.00		478.18	829.93	0.00	0.00
70.00		471.41	810.54	0.00	0.00
75.00		463.84	791.15	0.00	0.00
80.00		455.53	771.76	0.00	0.00
85.00		446.56	752.37	0.00	0.00
90.00		436.97	732.98	0.00	0.00
92.00	(5) attachments	798.83	475.41	0.00	2725.84
95.00		254.28	423.02	0.00	0.00
97.25		188.06	312.68	0.00	0.00
100.00		230.28	588.09	0.00	0.00
101.25		103.41	263.82	0.00	0.00
105.00		306.82	437.79	0.00	0.00
110.00		399.45	570.14	0.00	0.00
115.00		387.46	554.63	0.00	0.00
118.50	(12) attachments	2515.42	659.81	0.00	0.00
119.00	(28) attachments	2983.25	2521.86	0.00	0.00
120.00		73.74	95.24	0.00	0.00
125.00		362.28	466.91	0.00	0.00
129.00		280.15	362.36	0.00	0.00
130.00		68.54	74.74	0.00	0.00
133.75	(2) attachments	502.99	358.92	0.00	0.00
135.00		82.39	90.00	0.00	0.00
140.00	(24) attachments	3730.47	2344.79	0.00	0.00
141.00	(27) attachments	1719.83	985.80	0.00	2699.40
145.00		244.86	217.15	0.00	0.00
148.00	(1) attachments	1882.70	1835.13	0.00	0.00
149.00	(21) attachments	3298.51	892.24	0.00	261.78
	Totals:	**28,888.18**	**31,182.74**	**0.00**	**5,687.01**

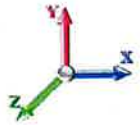
Linear Appurtenance Segment Forces (Factored)

Structure:	CT13061-A	**Code:**	TIA-222-H	9/14/2023	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 18	

Load Case: 0.9D + 1.0W 115 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 26

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	2.00	2.000	0.38	0.06	0.13	0.000	0.000	27.328	3.81	0.49
5.00	Step bolts (ladder)	Yes	2.00	2.000	0.63	0.10	0.21	0.000	0.000	27.328	6.31	1.87
10.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	27.328	9.52	1.23
10.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	27.328	15.78	4.68
15.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	27.665	9.64	1.23
15.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	27.665	15.98	4.68
20.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	29.295	10.20	1.23
20.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	29.295	16.92	4.68
25.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	30.643	10.67	1.23
25.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	30.643	17.70	4.68
30.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	31.799	11.08	1.23
30.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	31.799	18.36	4.68
35.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	32.816	11.43	1.23
35.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	32.816	18.95	4.68
40.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	33.726	11.75	1.23
40.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	33.726	19.48	4.68
45.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	34.553	12.04	1.23
45.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	34.553	19.95	4.68
47.75	Safety Cable	Yes	2.75	2.000	0.38	0.09	0.17	0.000	0.000	34.978	6.70	0.68
47.75	Step bolts (ladder)	Yes	2.75	2.000	0.63	0.14	0.29	0.000	0.000	34.978	11.11	2.57
50.00	Safety Cable	Yes	2.25	2.000	0.38	0.07	0.14	0.000	0.000	35.312	5.54	0.55
50.00	Step bolts (ladder)	Yes	2.25	2.000	0.63	0.12	0.24	0.000	0.000	35.312	9.18	2.11
53.25	Safety Cable	Yes	3.25	2.000	0.38	0.10	0.21	0.000	0.000	35.775	8.10	0.80
53.25	Step bolts (ladder)	Yes	3.25	2.000	0.63	0.17	0.34	0.000	0.000	35.775	13.43	3.04
55.00	Safety Cable	Yes	1.75	2.000	0.38	0.06	0.11	0.000	0.000	36.014	4.39	0.43
55.00	Step bolts (ladder)	Yes	1.75	2.000	0.63	0.09	0.18	0.000	0.000	36.014	7.28	1.64
60.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	36.669	12.77	1.23
60.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	36.669	21.18	4.68
65.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	37.282	12.99	1.23
65.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	37.282	21.53	4.68
70.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	37.860	13.19	1.23
70.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	37.860	21.86	4.68
75.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	38.406	13.38	1.23
75.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	38.406	22.18	4.68
80.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	38.925	13.56	1.23
80.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	38.925	22.48	4.68
85.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	39.418	13.73	1.23
85.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	39.418	22.76	4.68
90.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	39.890	13.90	1.23
90.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	39.890	23.04	4.68
92.00	Safety Cable	Yes	2.00	2.000	0.38	0.06	0.13	0.000	0.000	40.073	5.58	0.49
92.00	Step bolts (ladder)	Yes	2.00	2.000	0.63	0.10	0.21	0.000	0.000	40.073	9.26	1.87
95.00	Safety Cable	Yes	3.00	2.000	0.38	0.10	0.19	0.000	0.000	40.342	8.43	0.74
95.00	Step bolts (ladder)	Yes	3.00	2.000	0.63	0.16	0.32	0.000	0.000	40.342	13.98	2.81
97.25	Safety Cable	Yes	2.25	2.000	0.38	0.07	0.14	0.000	0.000	40.539	6.35	0.55
97.25	Step bolts (ladder)	Yes	2.25	2.000	0.63	0.12	0.24	0.000	0.000	40.539	10.54	2.11
100.00	Safety Cable	Yes	2.75	2.000	0.38	0.09	0.17	0.000	0.000	40.776	7.81	0.68

Linear Appurtenance Segment Forces (Factored)

Structure:	CT13061-A	**Code:**	TIA-222-H	9/14/2023	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 19	

Load Case: 0.9D + 1.0W 115 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00

Iterations 26

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	2.75	2.000	0.63	0.14	0.29	0.000	0.000	40.776	12.95	2.57
101.25	Safety Cable	Yes	1.25	2.000	0.38	0.04	0.08	0.000	0.000	40.881	3.56	0.31
101.25	Step bolts (ladder)	Yes	1.25	2.000	0.63	0.07	0.13	0.000	0.000	40.881	5.90	1.17
105.00	Safety Cable	Yes	3.75	2.000	0.38	0.12	0.24	0.000	0.000	41.192	10.76	0.92
105.00	Step bolts (ladder)	Yes	3.75	2.000	0.63	0.20	0.39	0.000	0.000	41.192	17.84	3.51
110.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	41.594	14.49	1.23
110.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	41.594	24.02	4.68
115.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	41.982	14.62	1.23
115.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	41.982	24.24	4.68
118.50	Safety Cable	Yes	3.50	2.000	0.38	0.11	0.22	0.000	0.000	42.245	10.30	0.86
118.50	Step bolts (ladder)	Yes	3.50	2.000	0.63	0.18	0.37	0.000	0.000	42.245	17.08	3.28
119.00	Safety Cable	Yes	0.50	2.000	0.38	0.02	0.03	0.000	0.000	42.282	1.47	0.12
119.00	Step bolts (ladder)	Yes	0.50	2.000	0.63	0.03	0.05	0.000	0.000	42.282	2.44	0.47
120.00	Safety Cable	Yes	1.00	2.000	0.38	0.03	0.06	0.000	0.000	42.356	2.95	0.25
120.00	Step bolts (ladder)	Yes	1.00	2.000	0.63	0.05	0.10	0.000	0.000	42.356	4.89	0.94
125.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	42.719	14.88	1.23
125.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	42.719	24.67	4.68
129.00	Safety Cable	Yes	4.00	2.000	0.38	0.13	0.25	0.000	0.000	43.001	11.98	0.98
129.00	Step bolts (ladder)	Yes	4.00	2.000	0.63	0.21	0.42	0.000	0.000	43.001	19.87	3.74
130.00	Safety Cable	Yes	1.00	2.000	0.38	0.03	0.06	0.000	0.000	43.070	3.00	0.25
130.00	Step bolts (ladder)	Yes	1.00	2.000	0.63	0.05	0.10	0.000	0.000	43.070	4.97	0.94
133.75	Safety Cable	Yes	3.75	2.000	0.38	0.12	0.24	0.000	0.000	43.327	11.32	0.92
133.75	Step bolts (ladder)	Yes	3.75	2.000	0.63	0.20	0.39	0.000	0.000	43.327	18.77	3.51
135.00	Safety Cable	Yes	1.25	2.000	0.38	0.04	0.08	0.000	0.000	43.411	3.78	0.31
135.00	Step bolts (ladder)	Yes	1.25	2.000	0.63	0.07	0.13	0.000	0.000	43.411	6.27	1.17
140.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	43.743	15.24	1.23
140.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	43.743	25.26	4.68
141.00	Safety Cable	Yes	1.00	2.000	0.38	0.03	0.06	0.000	0.000	43.808	3.05	0.25
141.00	Step bolts (ladder)	Yes	1.00	2.000	0.63	0.05	0.10	0.000	0.000	43.808	5.06	0.94
145.00	Safety Cable	Yes	4.00	2.000	0.38	0.13	0.25	0.000	0.000	44.065	12.28	0.98
145.00	Step bolts (ladder)	Yes	4.00	2.000	0.63	0.21	0.42	0.000	0.000	44.065	20.36	3.74
148.00	Safety Cable	Yes	3.00	2.000	0.38	0.10	0.19	0.000	0.000	44.254	9.25	0.74
148.00	Step bolts (ladder)	Yes	3.00	2.000	0.63	0.16	0.32	0.000	0.000	44.254	15.33	2.81
149.00	Safety Cable	Yes	1.00	2.000	0.38	0.03	0.06	0.000	0.000	44.316	3.09	0.25
149.00	Step bolts (ladder)	Yes	1.00	2.000	0.63	0.05	0.10	0.000	0.000	44.316	5.12	0.94
										Totals:	**1,016.9**	**172.5**

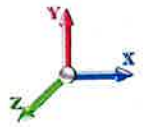
Calculated Forces

Structure: CT13061-A
Site Name: New Fairfield
Height: 149.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1 **Topography:** 1

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

9/14/2023

Load Case: 0.9D + 1.0W 115 mph Wind
Dead Load Factor 0.90
Wind Load Factor 1.00



Iterations 26

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-31.13	-28.95	0.00	-3186.3	0.00	3186.36	3273.57	967.95	4465.80	3753.83	0.00	0.000	0.000	0.859
5.00	-30.10	-28.60	0.00	-3041.6	0.00	3041.64	3239.51	945.72	4263.10	3629.01	0.11	-0.206	0.000	0.848
10.00	-28.97	-28.24	0.00	-2898.6	0.00	2898.64	3203.51	923.50	4065.10	3503.87	0.44	-0.416	0.000	0.837
15.00	-27.85	-27.89	0.00	-2757.4	0.00	2757.42	3165.58	901.28	3871.81	3378.58	0.99	-0.631	0.000	0.826
20.00	-26.76	-27.51	0.00	-2617.9	0.00	2617.99	3125.72	879.06	3683.23	3253.29	1.77	-0.851	0.000	0.814
25.00	-25.68	-27.12	0.00	-2480.4	0.00	2480.45	3083.93	856.83	3499.36	3128.15	2.78	-1.075	0.000	0.802
30.00	-24.63	-26.71	0.00	-2344.8	0.00	2344.87	3040.21	834.61	3320.20	3003.31	4.03	-1.305	0.000	0.790
35.00	-23.60	-26.30	0.00	-2211.3	0.00	2211.32	2994.56	812.39	3145.74	2878.94	5.52	-1.540	0.000	0.777
40.00	-22.58	-25.88	0.00	-2079.8	0.00	2079.84	2946.97	790.16	2975.99	2755.17	7.26	-1.779	0.000	0.764
45.00	-21.62	-25.43	0.00	-1950.4	0.00	1950.46	2897.46	767.94	2810.95	2632.17	9.26	-2.024	0.000	0.750
47.75	-21.09	-25.19	0.00	-1880.5	0.00	1880.52	2869.40	755.72	2722.18	2564.91	10.47	-2.163	0.000	0.742
50.00	-20.34	-25.00	0.00	-1823.8	0.00	1823.84	2846.01	745.72	2650.61	2510.09	11.51	-2.279	0.000	0.735
53.25	-19.31	-24.68	0.00	-1742.6	0.00	1742.60	2837.57	742.15	2625.33	2490.60	13.12	-2.446	0.000	0.708
55.00	-18.95	-24.56	0.00	-1699.4	0.00	1699.40	2819.00	734.38	2570.59	2448.18	14.04	-2.538	0.000	0.702
60.00	-18.02	-24.11	0.00	-1576.6	0.00	1576.62	2764.64	712.15	2417.36	2327.78	16.83	-2.786	0.000	0.685
65.00	-17.11	-23.67	0.00	-1456.0	0.00	1456.05	2708.35	689.93	2268.85	2208.68	19.88	-3.037	0.000	0.667
70.00	-16.22	-23.23	0.00	-1337.7	0.00	1337.71	2650.12	667.71	2125.04	2091.04	23.19	-3.292	0.000	0.647
75.00	-15.36	-22.79	0.00	-1221.5	0.00	1221.58	2589.96	645.48	1985.94	1975.01	26.78	-3.549	0.000	0.626
80.00	-14.51	-22.35	0.00	-1107.6	0.00	1107.65	2527.88	623.26	1851.55	1860.74	30.63	-3.808	0.000	0.602
85.00	-13.69	-21.91	0.00	-995.91	0.00	995.91	2463.86	601.04	1721.87	1748.39	34.76	-4.068	0.000	0.577
90.00	-12.93	-21.46	0.00	-886.35	0.00	886.35	2397.91	578.82	1596.89	1638.12	39.16	-4.328	0.000	0.548
92.00	-12.47	-20.66	0.00	-840.69	0.00	840.69	2370.99	569.93	1548.22	1594.62	40.99	-4.435	0.000	0.534
95.00	-12.02	-20.40	0.00	-778.71	0.00	778.71	2330.03	556.59	1476.63	1530.06	43.83	-4.592	0.000	0.515
97.25	-11.67	-20.22	0.00	-732.81	0.00	732.81	2298.85	546.59	1424.04	1482.20	46.02	-4.710	0.000	0.501
100.00	-11.07	-19.96	0.00	-677.21	0.00	677.21	2260.21	534.37	1361.07	1424.39	48.77	-4.852	0.000	0.482
101.25	-10.77	-19.86	0.00	-652.27	0.00	652.27	1705.50	430.88	1106.18	1085.58	50.05	-4.917	0.000	0.609
105.00	-10.28	-19.55	0.00	-577.81	0.00	577.81	1669.73	417.55	1038.78	1029.66	53.98	-5.104	0.000	0.570
110.00	-9.66	-19.15	0.00	-480.03	0.00	480.03	1620.35	399.77	952.21	956.31	59.47	-5.383	0.000	0.510
115.00	-9.08	-18.75	0.00	-384.28	0.00	384.28	1569.04	381.99	869.40	884.49	65.24	-5.642	0.000	0.443
118.50	-8.65	-16.19	0.00	-318.67	0.00	318.67	1531.97	369.55	813.67	835.21	69.44	-5.811	0.000	0.389
119.00	-6.43	-12.97	0.00	-310.58	0.00	310.58	1526.60	367.77	805.86	828.24	70.05	-5.835	0.000	0.380
120.00	-6.32	-12.90	0.00	-297.61	0.00	297.61	1515.79	364.22	790.36	814.35	71.27	-5.882	0.000	0.371
125.00	-5.85	-12.51	0.00	-233.10	0.00	233.10	1460.62	346.44	715.08	746.04	77.54	-6.092	0.000	0.318
129.00	-5.50	-12.20	0.00	-183.05	0.00	183.05	1406.38	332.21	657.57	688.55	82.70	-6.245	0.000	0.271
129.00	-5.50	-12.20	0.00	-183.05	0.00	183.05	978.70	249.81	495.77	481.68	82.70	-6.245	0.000	0.388
130.00	-5.41	-12.14	0.00	-170.85	0.00	170.85	971.83	247.15	485.24	473.15	84.01	-6.282	0.000	0.369
133.75	-5.09	-11.61	0.00	-125.33	0.00	125.33	945.39	237.15	446.77	441.51	89.00	-6.441	0.000	0.292
135.00	-4.99	-11.52	0.00	-110.83	0.00	110.83	936.33	233.81	434.29	431.08	90.69	-6.489	0.000	0.265
140.00	-3.08	-7.55	0.00	-53.21	0.00	53.21	898.90	220.48	386.17	390.05	97.56	-6.627	0.000	0.141
141.00	-2.29	-5.73	0.00	-42.96	0.00	42.96	891.19	217.81	376.89	381.99	98.94	-6.647	0.000	0.116
145.00	-2.10	-5.46	0.00	-20.04	0.00	20.04	859.54	207.15	340.88	350.22	104.53	-6.699	0.000	0.060
148.00	-0.50	-3.38	0.00	-3.64	0.00	3.64	835.00	199.15	315.06	326.96	108.73	-6.717	0.000	0.012
149.00	0.00	-3.30	0.00	-0.26	0.00	0.26	826.66	196.48	306.67	319.32	110.14	-6.718	0.000	0.001

Wind Loading - Shaft

Structure:	CT13061-A	**Code:**	TIA-222-H	9/14/2023	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 21	

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

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 25

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	5.166	5.68	0.00	1.200	0.705	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	5.166	5.68	0.00	1.200	0.843	5.00	24.092	28.91	164.3	293.1	1406.3
10.00		1.00	0.85	5.166	5.68	0.00	1.200	0.896	5.00	23.596	28.32	160.9	304.6	1391.9
15.00		1.00	0.86	5.230	5.75	0.00	1.200	0.930	5.00	23.084	27.70	159.4	309.0	1370.4
20.00		1.00	0.91	5.538	6.09	0.00	1.200	0.956	5.00	22.565	27.08	165.0	310.0	1345.6
25.00		1.00	0.95	5.793	6.37	0.00	1.200	0.976	5.00	22.042	26.45	168.5	309.0	1318.7
30.00		1.00	0.99	6.011	6.61	0.00	1.200	0.994	5.00	21.517	25.82	170.7	306.6	1290.5
35.00		1.00	1.02	6.203	6.82	0.00	1.200	1.009	5.00	20.989	25.19	171.9	303.3	1261.3
40.00		1.00	1.05	6.376	7.01	0.00	1.200	1.022	5.00	20.460	24.55	172.2	299.2	1231.3
45.00		1.00	1.07	6.532	7.19	0.00	1.200	1.034	5.00	19.930	23.92	171.8	294.4	1200.7
47.75	Bot - Section 2	1.00	1.09	6.612	7.27	0.00	1.200	1.040	2.75	10.734	12.88	93.7	160.4	647.8
50.00		1.00	1.10	6.675	7.34	0.00	1.200	1.044	2.25	8.781	10.54	77.4	132.0	923.7
53.25	Top - Section 1	1.00	1.11	6.763	7.44	0.00	1.200	1.051	3.25	12.495	14.99	111.5	188.3	1313.4
55.00		1.00	1.12	6.808	7.49	0.00	1.200	1.054	1.75	6.634	7.96	59.6	100.7	401.3
60.00		1.00	1.14	6.932	7.62	0.00	1.200	1.063	5.00	18.598	22.32	170.2	281.7	1123.1
65.00		1.00	1.16	7.048	7.75	0.00	1.200	1.072	5.00	18.065	21.68	168.1	275.4	1090.9
70.00		1.00	1.18	7.157	7.87	0.00	1.200	1.080	5.00	17.531	21.04	165.6	268.8	1058.5
75.00		1.00	1.19	7.260	7.99	0.00	1.200	1.087	5.00	16.997	20.40	162.9	262.0	1025.9
80.00		1.00	1.21	7.358	8.09	0.00	1.200	1.094	5.00	16.463	19.76	159.9	255.0	993.0
85.00		1.00	1.23	7.452	8.20	0.00	1.200	1.101	5.00	15.928	19.11	156.7	247.8	959.9
90.00		1.00	1.24	7.541	8.29	0.00	1.200	1.107	5.00	15.393	18.47	153.2	240.4	926.6
92.00	Appurtenance(s)	1.00	1.25	7.575	8.33	0.00	1.200	1.109	2.00	6.007	7.21	60.1	94.9	362.2
95.00		1.00	1.25	7.626	8.39	0.00	1.200	1.113	3.00	8.850	10.62	89.1	139.7	532.8
97.25	Bot - Section 3	1.00	1.26	7.663	8.43	0.00	1.200	1.115	2.25	6.511	7.81	65.9	103.2	392.0
100.00		1.00	1.27	7.708	8.48	0.00	1.200	1.118	2.75	7.927	9.51	80.7	125.7	753.2
101.25	Top - Section 2	1.00	1.27	7.728	8.50	0.00	1.200	1.120	1.25	3.549	4.26	36.2	56.7	337.2
105.00		1.00	1.28	7.787	8.57	0.00	1.200	1.124	3.75	10.448	12.54	107.4	165.5	535.7
110.00		1.00	1.29	7.863	8.65	0.00	1.200	1.129	5.00	13.463	16.16	139.7	212.7	688.2
115.00		1.00	1.31	7.936	8.73	0.00	1.200	1.134	5.00	12.927	15.51	135.4	204.6	659.4
118.50	Appurtenance(s)	1.00	1.31	7.986	8.78	0.00	1.200	1.137	3.50	8.729	10.48	92.0	139.2	445.2
119.00	Appurtenance(s)	1.00	1.32	7.993	8.79	0.00	1.200	1.138	0.50	1.225	1.47	12.9	19.8	62.7
120.00		1.00	1.32	8.007	8.81	0.00	1.200	1.139	1.00	2.435	2.92	25.7	39.3	124.4
125.00		1.00	1.33	8.075	8.88	0.00	1.200	1.143	5.00	11.854	14.23	126.4	188.1	601.5
129.00	Top - Section 3	1.00	1.34	8.129	8.94	0.00	1.200	1.147	4.00	9.097	10.92	97.6	145.1	460.9
130.00		1.00	1.34	8.142	8.96	0.00	1.200	1.148	1.00	2.220	2.66	23.9	35.9	93.8
133.75	Appurtenance(s)	1.00	1.35	8.190	9.01	0.00	1.200	1.151	3.75	8.136	9.76	88.0	130.0	341.3
135.00		1.00	1.35	8.206	9.03	0.00	1.200	1.152	1.25	2.645	3.17	28.6	42.8	111.3
140.00	Appurtenance(s)	1.00	1.36	8.269	9.10	0.00	1.200	1.156	5.00	10.245	12.29	111.8	162.6	426.8
141.00	Appurtenance(s)	1.00	1.36	8.281	9.11	0.00	1.200	1.157	1.00	1.984	2.38	21.7	32.2	83.2
145.00		1.00	1.37	8.330	9.16	0.00	1.200	1.160	4.00	7.723	9.27	84.9	123.1	320.9
148.00	Appurtenance(s)	1.00	1.38	8.366	9.20	0.00	1.200	1.163	3.00	5.567	6.68	61.5	89.2	231.0
149.00	Appurtenance(s)	1.00	1.38	8.377	9.22	0.00	1.200	1.163	1.00	1.812	2.17	20.0	29.4	75.4
								Totals:	**149.00**			**4,492.9**		**29,919.7**

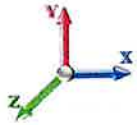
Discrete Appurtenance Forces

Structure:	CT13061-A	**Code:**	TIA-222-H	9/14/2023	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 22	

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

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 25

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	149.00	Kathrein 782 11056	3	8.377	9.215	0.45	0.90	0.74	16.72	0.000	0.000	6.81	0.00	0.00
2	149.00	Ericsson 4480 B71 + B85	3	8.377	9.215	0.45	0.90	4.45	427.67	0.000	0.000	41.05	0.00	0.00
3	149.00	Ericsson KRY 112 489/2	3	8.377	9.215	0.45	0.90	1.50	68.36	0.000	0.000	13.83	0.00	0.00
4	149.00	RFS APXV18-209014	3	8.377	9.215	0.67	0.90	8.36	226.54	0.000	0.000	76.99	0.00	0.00
5	149.00	RFS	3	8.377	9.215	0.66	0.90	42.36	1262.16	0.000	0.000	390.34	0.00	0.00
6	149.00	RFS	3	8.377	9.215	0.66	0.90	13.31	200.94	0.000	0.000	122.66	0.00	0.00
7	149.00	Standoff Mount	1	8.377	9.215	1.00	1.00	4.52	149.28	0.000	0.000	41.68	0.00	0.00
8	149.00	RFS BA1010	1	8.393	9.232	1.00	1.00	1.92	47.86	0.000	1.350	17.68	0.00	23.87
9	149.00	Lightning Rod	1	8.418	9.260	1.00	1.00	2.63	53.94	0.000	3.500	24.38	0.00	85.31
10	148.00	Low Profile Platform	1	8.366	9.202	1.00	1.00	53.77	3383.04	0.000	0.000	494.76	0.00	0.00
11	141.00	Ericsson 4426 B66 RRU	3	8.281	9.109	0.40	0.80	1.74	243.45	0.000	0.000	15.88	0.00	0.00
12	141.00	Ericsson RRUS 12 RRU	3	8.306	9.136	0.40	0.80	4.78	209.56	0.000	2.000	43.66	0.00	87.32
13	141.00	Ericsson RRUS 11 RRU	3	8.281	9.109	0.40	0.80	3.53	286.32	0.000	0.000	32.14	0.00	0.00
14	141.00	Powerwave	3	8.306	9.136	0.40	0.80	1.07	80.46	0.000	2.000	9.73	0.00	19.47
15	141.00	Powerwave LGP-21401	9	8.306	9.136	0.40	0.80	5.40	237.57	0.000	2.000	49.37	0.00	98.74
16	141.00	Cci HPA-65R-BUU-H6	3	8.306	9.136	0.68	0.80	21.52	649.13	0.000	2.000	196.57	0.00	393.15
17	141.00	Ericsson RRUS 32 RRU	3	8.281	9.109	0.40	0.80	2.43	363.20	0.000	0.000	22.11	0.00	0.00
18	140.00	Powerwave 7770	6	8.269	9.096	0.58	0.80	21.69	932.99	0.000	0.000	197.31	0.00	0.00
19	140.00	Low Profile Platform	1	8.269	9.096	1.00	1.00	39.69	2436.68	0.000	0.000	361.03	0.00	0.00
20	140.00	Powerwave 1001983	3	8.269	9.096	0.80	0.80	0.57	8.73	0.000	0.000	5.14	0.00	0.00
21	140.00	Raycap DC6-48-60-18-8F	2	8.269	9.096	0.40	0.80	2.37	188.78	0.000	0.000	21.56	0.00	0.00
22	140.00	Ericsson RRUS-A2 RRU	3	8.269	9.096	0.40	0.80	2.54	55.58	0.000	0.000	23.08	0.00	0.00
23	140.00	Kaelus DBCT108F1V92-1	6	8.269	9.096	0.40	0.80	2.27	168.73	0.000	0.000	20.63	0.00	0.00
24	140.00	Kathrein 80010798	3	8.269	9.096	0.62	0.80	21.77	765.64	0.000	0.000	198.02	0.00	0.00
25	133.75	Standoff Mount	1	8.190	9.009	1.00	1.00	4.49	148.42	0.000	0.000	40.49	0.00	0.00
26	133.75	RFS BA40-01	1	8.190	9.009	1.00	1.00	7.89	5.81	0.000	0.000	71.04	0.00	0.00
27	119.00	Raycap	1	7.993	8.792	0.75	0.75	3.31	88.19	0.000	0.000	29.10	0.00	0.00
28	119.00	MT6407-77A	3	7.993	8.792	0.53	0.75	8.43	479.87	0.000	0.000	74.12	0.00	0.00
29	119.00	B2/B66A RRH-BR049	3	7.993	8.792	0.52	0.75	3.50	365.56	0.000	0.000	30.79	0.00	0.00
30	119.00	B5/B13 RRH-BR04C	3	7.993	8.792	0.52	0.75	3.50	312.35	0.000	0.000	30.79	0.00	0.00
31	119.00	Kaelus KA-6030	2	7.993	8.792	0.75	0.75	1.83	107.89	0.000	0.000	16.08	0.00	0.00
32	119.00	(15) Mount Pipes	15	7.993	8.792	0.75	0.75	21.44	1297.21	0.000	0.000	188.55	0.00	0.00
33	119.00	Low Profile Platform	1	7.993	8.792	1.00	1.00	47.68	2353.35	0.000	0.000	419.23	0.00	0.00
34	118.50	Antel	6	7.986	8.784	0.57	0.75	22.61	339.88	0.000	0.000	198.62	0.00	0.00
35	118.50	Andrew SBNHH-1D65B w/	6	7.986	8.784	0.62	0.75	33.54	757.83	0.000	0.000	294.65	0.00	0.00
36	92.00	Single Arm Mount	1	7.575	8.333	1.00	1.00	4.40	145.53	0.000	0.000	36.63	0.00	0.00
37	92.00	Sinclair SD210-SF3P2LDF	1	7.692	8.461	1.00	1.00	9.30	43.19	0.000	7.000	78.65	0.00	550.56
38	92.00	Single Arm Mount	2	7.575	8.333	1.00	1.00	8.79	291.07	0.000	0.000	73.27	0.00	0.00
39	92.00	RFS 1142	1	7.692	8.461	1.00	1.00	9.53	-136.71	0.000	7.000	80.59	0.00	564.15
							Totals:		**19,062.76**			**4,088.99**		

Total Applied Force Summary

Structure:	CT13061-A		**Code:**	TIA-222-H	9/14/2023
Site Name:	New Fairfield		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 23

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

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 25

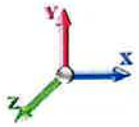
Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		172.59	1527.56	0.00	0.00
10.00		182.66	1696.40	0.00	0.00
15.00		182.03	1675.82	0.00	0.00
20.00		189.49	1651.68	0.00	0.00
25.00		194.64	1625.40	0.00	0.00
30.00		198.20	1597.67	0.00	0.00
35.00		200.55	1568.89	0.00	0.00
40.00		201.98	1539.29	0.00	0.00
45.00		202.64	1509.05	0.00	0.00
47.75		110.92	817.50	0.00	0.00
50.00		91.66	1062.57	0.00	0.00
53.25		132.55	1514.11	0.00	0.00
55.00		71.04	509.40	0.00	0.00
60.00		203.62	1432.28	0.00	0.00
65.00		202.28	1400.39	0.00	0.00
70.00		200.58	1368.21	0.00	0.00
75.00		198.55	1335.77	0.00	0.00
80.00		196.23	1303.10	0.00	0.00
85.00		193.64	1270.22	0.00	0.00
90.00		190.80	1237.15	0.00	0.00
92.00	(5) attachments	344.34	829.53	0.00	1114.70
95.00		111.99	715.50	0.00	0.00
97.25		83.16	529.00	0.00	0.00
100.00		101.96	920.74	0.00	0.00
101.25		45.93	413.39	0.00	0.00
105.00		136.87	764.27	0.00	0.00
110.00		179.56	993.11	0.00	0.00
115.00		175.76	964.49	0.00	0.00
118.50	(12) attachments	613.77	1756.62	0.00	0.00
119.00	(28) attachments	805.65	5097.64	0.00	0.00
120.00		33.90	170.38	0.00	0.00
125.00		167.69	831.30	0.00	0.00
129.00		130.98	644.86	0.00	0.00
130.00		32.22	139.74	0.00	0.00
133.75	(2) attachments	231.10	668.04	0.00	0.00
135.00		39.21	168.03	0.00	0.00
140.00	(24) attachments	981.30	5211.07	0.00	0.00
141.00	(27) attachments	399.72	2198.26	0.00	598.68
145.00		119.44	429.60	0.00	0.00
148.00	(1) attachments	582.27	3695.63	0.00	0.00
149.00	(21) attachments	764.17	2556.07	0.00	109.19
	Totals:	**9,597.62**	**57,339.71**	**0.00**	**1,822.57**

Linear Appurtenance Segment Forces (Factored)

Structure: CT13061-A
Site Name: New Fairfield
Height: 149.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 9/14/2023
Exposure: C
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

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



Iterations 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	2.00	2.000	0.38	0.34	0.69	0.000	0.000	5.166	3.91	2.91
5.00	Step bolts (ladder)	Yes	2.00	2.000	0.63	0.39	0.77	0.000	0.000	5.166	4.39	5.12
10.00	Safety Cable	Yes	5.00	2.000	0.38	0.90	1.81	0.000	0.000	5.166	10.29	7.91
10.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	1.01	2.02	0.000	0.000	5.166	11.47	13.48
15.00	Safety Cable	Yes	5.00	2.000	0.38	0.93	1.87	0.000	0.000	5.230	10.74	8.34
15.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	1.04	2.08	0.000	0.000	5.230	11.94	13.95
20.00	Safety Cable	Yes	5.00	2.000	0.38	0.95	1.91	0.000	0.000	5.538	11.63	8.67
20.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	1.06	2.12	0.000	0.000	5.538	12.90	14.31
25.00	Safety Cable	Yes	5.00	2.000	0.38	0.97	1.94	0.000	0.000	5.793	12.39	8.94
25.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	1.08	2.15	0.000	0.000	5.793	13.71	14.60
30.00	Safety Cable	Yes	5.00	2.000	0.38	0.99	1.97	0.000	0.000	6.011	13.05	9.18
30.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	1.09	2.18	0.000	0.000	6.011	14.42	14.85
35.00	Safety Cable	Yes	5.00	2.000	0.38	1.00	2.00	0.000	0.000	6.203	13.63	9.38
35.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	1.10	2.21	0.000	0.000	6.203	15.05	15.07
40.00	Safety Cable	Yes	5.00	2.000	0.38	1.01	2.02	0.000	0.000	6.376	14.17	9.57
40.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	1.11	2.23	0.000	0.000	6.376	15.63	15.27
45.00	Safety Cable	Yes	5.00	2.000	0.38	1.02	2.04	0.000	0.000	6.532	14.65	9.73
45.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	1.12	2.25	0.000	0.000	6.532	16.15	15.44
47.75	Safety Cable	Yes	2.75	2.000	0.38	0.56	1.13	0.000	0.000	6.612	8.20	5.40
47.75	Step bolts (ladder)	Yes	2.75	2.000	0.63	0.62	1.24	0.000	0.000	6.612	9.03	8.54
50.00	Safety Cable	Yes	2.25	2.000	0.38	0.46	0.93	0.000	0.000	6.675	6.80	4.45
50.00	Step bolts (ladder)	Yes	2.25	2.000	0.63	0.51	1.02	0.000	0.000	6.675	7.49	7.02
53.25	Safety Cable	Yes	3.25	2.000	0.38	0.67	1.34	0.000	0.000	6.763	10.00	6.48
53.25	Step bolts (ladder)	Yes	3.25	2.000	0.63	0.74	1.48	0.000	0.000	6.763	11.01	10.21
55.00	Safety Cable	Yes	1.75	2.000	0.38	0.36	0.73	0.000	0.000	6.808	5.44	3.51
55.00	Step bolts (ladder)	Yes	1.75	2.000	0.63	0.40	0.80	0.000	0.000	6.808	5.98	5.51
60.00	Safety Cable	Yes	5.00	2.000	0.38	1.04	2.09	0.000	0.000	6.932	15.93	10.15
60.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	1.15	2.30	0.000	0.000	6.932	17.52	15.89
65.00	Safety Cable	Yes	5.00	2.000	0.38	1.05	2.10	0.000	0.000	7.048	16.30	10.28
65.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	1.16	2.31	0.000	0.000	7.048	17.92	16.03
70.00	Safety Cable	Yes	5.00	2.000	0.38	1.06	2.12	0.000	0.000	7.157	16.66	10.39
70.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	1.16	2.32	0.000	0.000	7.157	18.30	16.15
75.00	Safety Cable	Yes	5.00	2.000	0.38	1.06	2.13	0.000	0.000	7.260	17.00	10.50
75.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	1.17	2.34	0.000	0.000	7.260	18.66	16.26
80.00	Safety Cable	Yes	5.00	2.000	0.38	1.07	2.14	0.000	0.000	7.358	17.32	10.60
80.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	1.17	2.35	0.000	0.000	7.358	19.01	16.37
85.00	Safety Cable	Yes	5.00	2.000	0.38	1.08	2.15	0.000	0.000	7.452	17.63	10.70
85.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	1.18	2.36	0.000	0.000	7.452	19.34	16.48
90.00	Safety Cable	Yes	5.00	2.000	0.38	1.08	2.16	0.000	0.000	7.541	17.93	10.79
90.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	1.18	2.37	0.000	0.000	7.541	19.66	16.58
92.00	Safety Cable	Yes	2.00	2.000	0.38	0.43	0.87	0.000	0.000	7.575	7.22	4.33
92.00	Step bolts (ladder)	Yes	2.00	2.000	0.63	0.47	0.95	0.000	0.000	7.575	7.91	6.65
95.00	Safety Cable	Yes	3.00	2.000	0.38	0.65	1.30	0.000	0.000	7.626	10.93	6.53
95.00	Step bolts (ladder)	Yes	3.00	2.000	0.63	0.71	1.43	0.000	0.000	7.626	11.98	10.00
97.25	Safety Cable	Yes	2.25	2.000	0.38	0.49	0.98	0.000	0.000	7.663	8.25	4.91
97.25	Step bolts (ladder)	Yes	2.25	2.000	0.63	0.54	1.07	0.000	0.000	7.663	9.04	7.52
100.00	Safety Cable	Yes	2.75	2.000	0.38	0.60	1.20	0.000	0.000	7.708	10.17	6.03

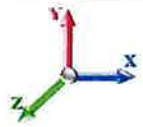
Linear Appurtenance Segment Forces (Factored)

Structure:	CT13061-A	**Code:**	TIA-222-H	9/14/2023	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 25	

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

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 25

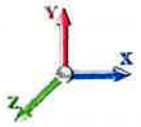
Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
100.00	Step bolts (ladder)	Yes	2.75	2.000	0.63	0.66	1.31	0.000	0.000	7.708	11.14	9.22
101.25	Safety Cable	Yes	1.25	2.000	0.38	0.27	0.55	0.000	0.000	7.728	4.64	2.75
101.25	Step bolts (ladder)	Yes	1.25	2.000	0.63	0.30	0.60	0.000	0.000	7.728	5.08	4.20
105.00	Safety Cable	Yes	3.75	2.000	0.38	0.82	1.64	0.000	0.000	7.787	14.07	8.29
105.00	Step bolts (ladder)	Yes	3.75	2.000	0.63	0.90	1.80	0.000	0.000	7.787	15.40	12.64
110.00	Safety Cable	Yes	5.00	2.000	0.38	1.10	2.20	0.000	0.000	7.863	19.01	11.13
110.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	1.20	2.41	0.000	0.000	7.863	20.81	16.93
115.00	Safety Cable	Yes	5.00	2.000	0.38	1.10	2.21	0.000	0.000	7.936	19.26	11.21
115.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	1.21	2.41	0.000	0.000	7.936	21.08	17.01
118.50	Safety Cable	Yes	3.50	2.000	0.38	0.77	1.55	0.000	0.000	7.986	13.60	7.88
118.50	Step bolts (ladder)	Yes	3.50	2.000	0.63	0.85	1.69	0.000	0.000	7.986	14.88	11.95
119.00	Safety Cable	Yes	0.50	2.000	0.38	0.11	0.22	0.000	0.000	7.993	1.95	1.13
119.00	Step bolts (ladder)	Yes	0.50	2.000	0.63	0.12	0.24	0.000	0.000	7.993	2.13	1.71
120.00	Safety Cable	Yes	1.00	2.000	0.38	0.22	0.44	0.000	0.000	8.007	3.90	2.26
120.00	Step bolts (ladder)	Yes	1.00	2.000	0.63	0.24	0.48	0.000	0.000	8.007	4.27	3.42
125.00	Safety Cable	Yes	5.00	2.000	0.38	1.11	2.22	0.000	0.000	8.075	19.74	11.35
125.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	1.22	2.43	0.000	0.000	8.075	21.59	17.17
129.00	Safety Cable	Yes	4.00	2.000	0.38	0.89	1.78	0.000	0.000	8.129	15.94	9.12
129.00	Step bolts (ladder)	Yes	4.00	2.000	0.63	0.97	1.95	0.000	0.000	8.129	17.43	13.78
130.00	Safety Cable	Yes	1.00	2.000	0.38	0.22	0.45	0.000	0.000	8.142	3.99	2.28
130.00	Step bolts (ladder)	Yes	1.00	2.000	0.63	0.24	0.49	0.000	0.000	8.142	4.37	3.45
133.75	Safety Cable	Yes	3.75	2.000	0.38	0.84	1.68	0.000	0.000	8.190	15.10	8.60
133.75	Step bolts (ladder)	Yes	3.75	2.000	0.63	0.92	1.83	0.000	0.000	8.190	16.51	12.97
135.00	Safety Cable	Yes	1.25	2.000	0.38	0.28	0.56	0.000	0.000	8.206	5.05	2.87
135.00	Step bolts (ladder)	Yes	1.25	2.000	0.63	0.31	0.61	0.000	0.000	8.206	5.52	4.33
140.00	Safety Cable	Yes	5.00	2.000	0.38	1.12	2.24	0.000	0.000	8.269	20.41	11.55
140.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	1.23	2.45	0.000	0.000	8.269	22.30	17.38
141.00	Safety Cable	Yes	1.00	2.000	0.38	0.22	0.45	0.000	0.000	8.281	4.09	2.31
141.00	Step bolts (ladder)	Yes	1.00	2.000	0.63	0.25	0.49	0.000	0.000	8.281	4.47	3.48
145.00	Safety Cable	Yes	4.00	2.000	0.38	0.90	1.80	0.000	0.000	8.330	16.50	9.29
145.00	Step bolts (ladder)	Yes	4.00	2.000	0.63	0.98	1.97	0.000	0.000	8.330	18.02	13.96
148.00	Safety Cable	Yes	3.00	2.000	0.38	0.68	1.35	0.000	0.000	8.366	12.45	6.99
148.00	Step bolts (ladder)	Yes	3.00	2.000	0.63	0.74	1.48	0.000	0.000	8.366	13.60	10.49
149.00	Safety Cable	Yes	1.00	2.000	0.38	0.23	0.45	0.000	0.000	8.377	4.16	2.33
149.00	Step bolts (ladder)	Yes	1.00	2.000	0.63	0.25	0.49	0.000	0.000	8.377	4.54	3.50
										Totals:	**1,015.7**	**769.9**

Calculated Forces

Structure: CT13061-A
Site Name: New Fairfield
Height: 149.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 9/14/2023
Exposure: C
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II Page: 26

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



Iterations 25

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-57.33	-9.63	0.00	-1025.8	0.00	1025.88	3273.57	967.95	4465.80	3753.83	0.00	0.000	0.000	0.291
5.00	-55.80	-9.52	0.00	-977.73	0.00	977.73	3239.51	945.72	4263.10	3629.01	0.04	-0.066	0.000	0.287
10.00	-54.09	-9.40	0.00	-930.12	0.00	930.12	3203.51	923.50	4065.10	3503.87	0.14	-0.134	0.000	0.282
15.00	-52.40	-9.28	0.00	-883.11	0.00	883.11	3165.58	901.28	3871.81	3378.58	0.32	-0.203	0.000	0.278
20.00	-50.74	-9.14	0.00	-836.72	0.00	836.72	3125.72	879.06	3683.23	3253.29	0.57	-0.273	0.000	0.274
25.00	-49.10	-9.00	0.00	-791.00	0.00	791.00	3083.93	856.83	3499.36	3128.15	0.89	-0.345	0.000	0.269
30.00	-47.50	-8.86	0.00	-745.99	0.00	745.99	3040.21	834.61	3320.20	3003.31	1.29	-0.418	0.000	0.264
35.00	-45.92	-8.70	0.00	-701.71	0.00	701.71	2994.56	812.39	3145.74	2878.94	1.77	-0.492	0.000	0.259
40.00	-44.37	-8.55	0.00	-658.19	0.00	658.19	2946.97	790.16	2975.99	2755.17	2.33	-0.568	0.000	0.254
45.00	-42.85	-8.37	0.00	-615.46	0.00	615.46	2897.46	767.94	2810.95	2632.17	2.96	-0.646	0.000	0.249
47.75	-42.03	-8.28	0.00	-592.44	0.00	592.44	2869.40	755.72	2722.18	2564.91	3.35	-0.689	0.000	0.246
50.00	-40.96	-8.21	0.00	-573.81	0.00	573.81	2846.01	745.72	2650.61	2510.09	3.68	-0.726	0.000	0.243
53.25	-39.45	-8.08	0.00	-547.13	0.00	547.13	2837.57	742.15	2625.33	2490.60	4.20	-0.778	0.000	0.234
55.00	-38.93	-8.04	0.00	-532.98	0.00	532.98	2819.00	734.38	2570.59	2448.18	4.49	-0.807	0.000	0.232
60.00	-37.49	-7.87	0.00	-492.77	0.00	492.77	2764.64	712.15	2417.36	2327.78	5.37	-0.885	0.000	0.225
65.00	-36.08	-7.69	0.00	-453.43	0.00	453.43	2708.35	689.93	2268.85	2208.68	6.34	-0.963	0.000	0.219
70.00	-34.71	-7.52	0.00	-414.96	0.00	414.96	2650.12	667.71	2125.04	2091.04	7.39	-1.042	0.000	0.212
75.00	-33.37	-7.34	0.00	-377.37	0.00	377.37	2589.96	645.48	1985.94	1975.01	8.53	-1.122	0.000	0.204
80.00	-32.06	-7.16	0.00	-340.67	0.00	340.67	2527.88	623.26	1851.55	1860.74	9.75	-1.202	0.000	0.196
85.00	-30.78	-6.98	0.00	-304.86	0.00	304.86	2463.86	601.04	1721.87	1748.39	11.05	-1.282	0.000	0.187
90.00	-29.54	-6.79	0.00	-269.95	0.00	269.95	2397.91	578.82	1596.89	1638.12	12.43	-1.361	0.000	0.177
92.00	-28.72	-6.45	0.00	-255.24	0.00	255.24	2370.99	569.93	1548.22	1594.62	13.01	-1.394	0.000	0.172
95.00	-28.00	-6.34	0.00	-235.90	0.00	235.90	2330.03	556.59	1476.63	1530.06	13.90	-1.441	0.000	0.166
97.25	-27.47	-6.26	0.00	-221.63	0.00	221.63	2298.85	546.59	1424.04	1482.20	14.59	-1.477	0.000	0.162
100.00	-26.55	-6.15	0.00	-204.41	0.00	204.41	2260.21	534.37	1361.07	1424.39	15.46	-1.520	0.000	0.155
101.25	-26.13	-6.11	0.00	-196.73	0.00	196.73	1705.50	430.88	1106.18	1085.58	15.86	-1.540	0.000	0.197
105.00	-25.36	-5.98	0.00	-173.81	0.00	173.81	1669.73	417.55	1038.78	1029.66	17.09	-1.596	0.000	0.184
110.00	-24.37	-5.81	0.00	-143.89	0.00	143.89	1620.35	399.77	952.21	956.31	18.81	-1.680	0.000	0.166
115.00	-23.40	-5.63	0.00	-114.83	0.00	114.83	1569.04	381.99	869.40	884.49	20.61	-1.757	0.000	0.145
118.50	-21.66	-4.97	0.00	-95.12	0.00	95.12	1531.97	369.55	813.67	835.21	21.91	-1.808	0.000	0.128
119.00	-16.59	-4.01	0.00	-92.63	0.00	92.63	1526.60	367.77	805.86	828.24	22.10	-1.815	0.000	0.123
120.00	-16.42	-3.98	0.00	-88.62	0.00	88.62	1515.79	364.22	790.36	814.35	22.49	-1.829	0.000	0.120
125.00	-15.59	-3.80	0.00	-68.71	0.00	68.71	1460.62	346.44	715.08	746.04	24.44	-1.891	0.000	0.103
129.00	-14.95	-3.66	0.00	-53.49	0.00	53.49	1406.38	332.21	657.57	688.55	26.04	-1.936	0.000	0.088
129.00	-14.95	-3.66	0.00	-53.49	0.00	53.49	978.70	249.81	495.77	481.68	26.04	-1.936	0.000	0.127
130.00	-14.81	-3.63	0.00	-49.84	0.00	49.84	971.83	247.15	485.24	473.15	26.45	-1.947	0.000	0.121
133.75	-14.15	-3.38	0.00	-36.23	0.00	36.23	945.39	237.15	446.77	441.51	27.99	-1.993	0.000	0.097
135.00	-13.98	-3.34	0.00	-32.00	0.00	32.00	936.33	233.81	434.29	431.08	28.52	-2.007	0.000	0.089
140.00	-8.81	-2.18	0.00	-15.28	0.00	15.28	898.90	220.48	386.17	390.05	30.64	-2.047	0.000	0.049
141.00	-6.62	-1.71	0.00	-12.50	0.00	12.50	891.19	217.81	376.89	381.99	31.07	-2.052	0.000	0.040
145.00	-6.20	-1.57	0.00	-5.68	0.00	5.68	859.54	207.15	340.88	350.22	32.80	-2.068	0.000	0.023
148.00	-2.53	-0.86	0.00	-0.97	0.00	0.97	835.00	199.15	315.06	326.96	34.10	-2.072	0.000	0.006
149.00	0.00	-0.76	0.00	-0.11	0.00	0.11	826.66	196.48	306.67	319.32	34.54	-2.073	0.000	0.000

Seismic Segment Forces (Factored)

Structure:	CT13061-A		**Code:**	TIA-222-H	9/14/2023
Site Name:	New Fairfield		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 27

SBA

Load Case: 1.2D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.23	**Iterations**	22
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.09	**Ss**	0.21
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.35	**SA**	0.03	**S1**	0.06
						Seismic Importance Factor	1.00

Top Elev (ft)	Description	Wz (lb)	Hz (lb)	Vertical Ev (lb)	Lateral Fs (lb)	R: 1.50
0.00		0.00	0.00	0.00	0.00	
5.00		1044.0	2.50	46.99	0.01	
10.00		1197.0	7.50	53.88	0.10	
15.00		1175.5	12.50	52.91	0.27	
20.00		1153.9	17.50	51.95	0.51	
25.00		1132.4	22.50	50.98	0.81	
30.00		1110.9	27.50	50.01	1.16	
35.00		1089.3	32.50	49.04	1.56	
40.00		1067.8	37.50	48.07	1.99	
45.00		1046.2	42.50	47.10	2.46	
47.75	Bot - Section 2	566.27	46.38	25.49	0.86	
50.00		790.71	48.88	35.59	1.85	
53.25	Top - Section 1	1126.7	51.63	50.72	4.20	
55.00		352.36	54.13	15.86	0.45	
60.00		992.19	57.50	44.66	4.04	
65.00		970.64	62.50	43.69	4.57	
70.00		949.10	67.50	42.72	5.10	
75.00		927.56	72.50	41.75	5.62	
80.00		906.01	77.50	40.78	6.12	
85.00		884.47	82.50	39.81	6.61	
90.00		862.92	87.50	38.84	7.08	
92.00	Appurtenance(s)	547.64	91.00	24.65	3.08	
95.00		498.50	93.50	22.44	2.70	
97.25	Bot - Section 3	368.78	96.13	16.60	1.56	
100.00		679.54	98.63	30.59	5.58	
101.25	Top - Section 2	305.00	100.63	13.73	1.17	
105.00		522.03	103.13	23.50	3.60	
110.00		680.96	107.50	30.65	6.65	
115.00		663.72	112.50	29.88	6.92	
118.50	Appurtenance(s)	766.35	116.75	34.50	9.94	
119.00	Appurtenance(s)	2806.8	118.75	126.34	137.94	
120.00		112.80	119.50	5.08	0.23	
125.00		553.65	122.50	24.92	5.71	
129.00	Top - Section 3	430.51	127.00	19.38	3.71	
130.00		90.01	129.50	4.05	0.17	
133.75	Appurtenance(s)	424.95	131.88	19.13	3.90	
135.00		108.59	134.38	4.89	0.26	
140.00	Appurtenance(s)	2639.6	137.50	118.82	163.57	
141.00	Appurtenance(s)	1102.2	140.50	49.61	29.78	
145.00		256.58	143.00	11.55	1.67	
148.00	Appurtenance(s)	2050.5	146.50	92.30	112.05	
149.00	Appurtenance(s)	995.20	148.50	44.80	27.12	
	Totals:	**35,950.4**		**1,618.2**	**582.7**	**Total Wind:** **28,888.2**

Calculated Forces

Structure:	CT13061-A	**Code:**	TIA-222-H	9/14/2023	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 28	

Load Case: 1.2D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.23			**Iterations**	22
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.09			**Ss**	0.21
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.35	**SA**	0.03			**S1**	0.06
								Seismic Importance Factor	1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-43.20	-0.58	0.00	-78.41	0.00	78.41	3273.57	967.95	4465.80	3753.83		0.00	0.00	0.034
5.00	-41.92	-0.59	0.00	-75.49	0.00	75.49	3239.51	945.72	4263.10	3629.01		0.00	-0.01	0.034
10.00	-40.49	-0.59	0.00	-72.55	0.00	72.55	3203.51	923.50	4065.10	3503.87		0.01	-0.01	0.033
15.00	-39.08	-0.59	0.00	-69.60	0.00	69.60	3165.58	901.28	3871.81	3378.58		0.02	-0.02	0.033
20.00	-37.70	-0.60	0.00	-66.63	0.00	66.63	3125.72	879.06	3683.23	3253.29		0.04	-0.02	0.033
25.00	-36.35	-0.60	0.00	-63.65	0.00	63.65	3083.93	856.83	3499.36	3128.15		0.07	-0.03	0.032
30.00	-35.03	-0.60	0.00	-60.65	0.00	60.65	3040.21	834.61	3320.20	3003.31		0.10	-0.03	0.032
35.00	-33.73	-0.60	0.00	-57.65	0.00	57.65	2994.56	812.39	3145.74	2878.94		0.14	-0.04	0.031
40.00	-32.46	-0.60	0.00	-54.64	0.00	54.64	2946.97	790.16	2975.99	2755.17		0.18	-0.05	0.031
45.00	-31.21	-0.60	0.00	-51.63	0.00	51.63	2897.46	767.94	2810.95	2632.17		0.23	-0.05	0.030
47.75	-30.54	-0.60	0.00	-49.97	0.00	49.97	2869.40	755.72	2722.18	2564.91		0.26	-0.06	0.030
50.00	-29.58	-0.60	0.00	-48.62	0.00	48.62	2846.01	745.72	2650.61	2510.09		0.29	-0.06	0.030
53.25	-28.22	-0.60	0.00	-46.66	0.00	46.66	2837.57	742.15	2625.33	2490.60		0.33	-0.06	0.029
55.00	-27.80	-0.60	0.00	-45.62	0.00	45.62	2819.00	734.38	2570.59	2448.18		0.36	-0.07	0.028
60.00	-26.62	-0.60	0.00	-42.62	0.00	42.62	2764.64	712.15	2417.36	2327.78		0.43	-0.07	0.028
65.00	-25.47	-0.59	0.00	-39.64	0.00	39.64	2708.35	689.93	2268.85	2208.68		0.51	-0.08	0.027
70.00	-24.35	-0.59	0.00	-36.68	0.00	36.68	2650.12	667.71	2125.04	2091.04		0.59	-0.09	0.027
75.00	-23.25	-0.59	0.00	-33.73	0.00	33.73	2589.96	645.48	1985.94	1975.01		0.69	-0.09	0.026
80.00	-22.18	-0.58	0.00	-30.80	0.00	30.80	2527.88	623.26	1851.55	1860.74		0.79	-0.10	0.025
85.00	-21.14	-0.57	0.00	-27.90	0.00	27.90	2463.86	601.04	1721.87	1748.39		0.90	-0.11	0.025
90.00	-20.12	-0.57	0.00	-25.03	0.00	25.03	2397.91	578.82	1596.89	1638.12		1.01	-0.11	0.024
92.00	-19.46	-0.56	0.00	-23.89	0.00	23.89	2370.99	569.93	1548.22	1594.62		1.06	-0.12	0.023
95.00	-18.88	-0.56	0.00	-22.20	0.00	22.20	2330.03	556.59	1476.63	1530.06		1.14	-0.12	0.023
97.25	-18.44	-0.56	0.00	-20.94	0.00	20.94	2298.85	546.59	1424.04	1482.20		1.20	-0.13	0.022
100.00	-17.63	-0.55	0.00	-19.40	0.00	19.40	2260.21	534.37	1361.07	1424.39		1.27	-0.13	0.021
101.25	-17.26	-0.55	0.00	-18.71	0.00	18.71	1705.50	430.88	1106.18	1085.58		1.31	-0.13	0.027
105.00	-16.65	-0.55	0.00	-16.63	0.00	16.63	1669.73	417.55	1038.78	1029.66		1.41	-0.14	0.026
110.00	-15.86	-0.54	0.00	-13.88	0.00	13.88	1620.35	399.77	952.21	956.31		1.56	-0.14	0.024
115.00	-15.09	-0.54	0.00	-11.17	0.00	11.17	1569.04	381.99	869.40	884.49		1.71	-0.15	0.022
118.50	-14.18	-0.52	0.00	-9.29	0.00	9.29	1531.97	369.55	813.67	835.21		1.83	-0.16	0.020
119.00	-10.69	-0.38	0.00	-9.03	0.00	9.03	1526.60	367.77	805.86	828.24		1.84	-0.16	0.018
120.00	-10.56	-0.38	0.00	-8.65	0.00	8.65	1515.79	364.22	790.36	814.35		1.88	-0.16	0.018
125.00	-9.91	-0.37	0.00	-6.76	0.00	6.76	1460.62	346.44	715.08	746.04		2.05	-0.17	0.016
129.00	-9.41	-0.37	0.00	-5.28	0.00	5.28	1406.38	332.21	657.57	688.55		2.19	-0.17	0.014
129.00	-9.41	-0.37	0.00	-5.28	0.00	5.28	978.70	249.81	495.77	481.68		2.19	-0.17	0.021
130.00	-9.31	-0.37	0.00	-4.92	0.00	4.92	971.83	247.15	485.24	473.15		2.22	-0.17	0.020
133.75	-8.81	-0.36	0.00	-3.54	0.00	3.54	945.39	237.15	446.77	441.51		2.36	-0.18	0.017
135.00	-8.68	-0.36	0.00	-3.09	0.00	3.09	936.33	233.81	434.29	431.08		2.41	-0.18	0.016
140.00	-5.44	-0.19	0.00	-1.29	0.00	1.29	898.90	220.48	386.17	390.05		2.59	-0.18	0.009
141.00	-4.07	-0.15	0.00	-1.10	0.00	1.10	891.19	217.81	376.89	381.99		2.63	-0.18	0.007
145.00	-3.77	-0.15	0.00	-0.48	0.00	0.48	859.54	207.15	340.88	350.22		2.78	-0.18	0.006
148.00	-1.23	-0.03	0.00	-0.03	0.00	0.03	835.00	199.15	315.06	326.96		2.90	-0.18	0.002
149.00	0.00	-0.03	0.00	0.00	0.00	0.00	826.66	196.48	306.67	319.32		2.94	-0.18	0.000

Seismic Segment Forces (Factored)

Structure:	CT13061-A	**Code:**	TIA-222-H	9/14/2023	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 29	

SBA

Load Case: 0.9D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.23	**Iterations**	22
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.09	**Ss**	0.21
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.35	**SA**	0.03	**S1**	0.06
						Seismic Importance Factor	1.00

Top Elev (ft)	Description	Wz (lb)	Hz (lb)	Vertical Ev (lb)	Lateral Fs (lb)	R: 1.50
0.00		0.00	0.00	0.00	0.00	
5.00		1014.9	2.50	45.68	0.01	
10.00		1124.3	7.50	50.61	0.09	
15.00		1102.7	12.50	49.64	0.25	
20.00		1081.2	17.50	48.67	0.47	
25.00		1059.6	22.50	47.70	0.74	
30.00		1038.1	27.50	46.73	1.06	
35.00		1016.6	32.50	45.76	1.42	
40.00		995.06	37.50	44.79	1.81	
45.00		973.52	42.50	43.82	2.23	
47.75	Bot - Section 2	526.25	46.38	23.69	0.78	
50.00		757.97	48.88	34.12	1.79	
53.25	Top - Section 1	1079.4	51.63	48.59	4.04	
55.00		326.89	54.13	14.71	0.41	
60.00		919.43	57.50	41.39	3.64	
65.00		897.89	62.50	40.42	4.10	
70.00		876.35	67.50	39.45	4.55	
75.00		854.80	72.50	38.48	5.00	
80.00		833.26	77.50	37.51	5.43	
85.00		811.71	82.50	36.54	5.84	
90.00		790.17	87.50	35.57	6.22	
92.00	Appurtenance(s)	518.54	91.00	23.34	2.90	
95.00		455.78	93.50	20.52	2.36	
97.25	Bot - Section 3	336.75	96.13	15.16	1.36	
100.00		640.38	98.63	28.83	5.19	
101.25	Top - Section 2	287.20	100.63	12.93	1.09	
105.00		468.63	103.13	21.09	3.04	
110.00		609.76	107.50	27.45	5.59	
115.00		592.53	112.50	26.67	5.78	
118.50	Appurtenance(s)	716.51	116.75	32.25	9.11	
119.00	Appurtenance(s)	2799.7	118.75	126.02	143.86	
120.00		102.34	119.50	4.61	0.19	
125.00		501.36	122.50	22.57	4.91	
129.00	Top - Section 3	388.68	127.00	17.50	3.17	
130.00		79.55	129.50	3.58	0.14	
133.75	Appurtenance(s)	385.73	131.88	17.36	3.37	
135.00		95.71	134.38	4.31	0.22	
140.00	Appurtenance(s)	2588.1	137.50	116.50	164.83	
141.00	Appurtenance(s)	1091.9	140.50	49.15	30.63	
145.00		233.63	143.00	10.52	1.45	
148.00	Appurtenance(s)	2033.3	146.50	91.53	115.49	
149.00	Appurtenance(s)	989.46	148.50	44.54	28.10	
	Totals:	**33,996.0**		**1,530.3**	**582.7**	**Total Wind:** **28,888.2**

Calculated Forces

Structure:	CT13061-A		**Code:**	TIA-222-H	9/14/2023
Site Name:	New Fairfield		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 30

SBA

Load Case: 0.9D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.23			**Iterations**	22
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.09			**Ss**	0.21
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.35	**SA**	0.03			**S1**	0.06
								Seismic Importance Factor	1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-32.71	-0.58	0.00	-77.84	0.00	77.84	3273.57	967.95	4465.80	3753.83		0.00	0.00	0.031
5.00	-31.75	-0.59	0.00	-74.92	0.00	74.92	3239.51	945.72	4263.10	3629.01		0.00	-0.01	0.030
10.00	-30.66	-0.59	0.00	-72.00	0.00	72.00	3203.51	923.50	4065.10	3503.87		0.01	-0.01	0.030
15.00	-29.60	-0.59	0.00	-69.05	0.00	69.05	3165.58	901.28	3871.81	3378.58		0.02	-0.02	0.030
20.00	-28.55	-0.59	0.00	-66.10	0.00	66.10	3125.72	879.06	3683.23	3253.29		0.04	-0.02	0.029
25.00	-27.53	-0.59	0.00	-63.14	0.00	63.14	3083.93	856.83	3499.36	3128.15		0.07	-0.03	0.029
30.00	-26.53	-0.60	0.00	-60.16	0.00	60.16	3040.21	834.61	3320.20	3003.31		0.10	-0.03	0.029
35.00	-25.54	-0.60	0.00	-57.19	0.00	57.19	2994.56	812.39	3145.74	2878.94		0.14	-0.04	0.028
40.00	-24.58	-0.60	0.00	-54.21	0.00	54.21	2946.97	790.16	2975.99	2755.17		0.18	-0.04	0.028
45.00	-23.64	-0.60	0.00	-51.22	0.00	51.22	2897.46	767.94	2810.95	2632.17		0.23	-0.05	0.028
47.75	-23.13	-0.60	0.00	-49.59	0.00	49.59	2869.40	755.72	2722.18	2564.91		0.26	-0.06	0.027
50.00	-22.40	-0.59	0.00	-48.25	0.00	48.25	2846.01	745.72	2650.61	2510.09		0.29	-0.06	0.027
53.25	-21.37	-0.59	0.00	-46.31	0.00	46.31	2837.57	742.15	2625.33	2490.60		0.33	-0.06	0.026
55.00	-21.05	-0.59	0.00	-45.28	0.00	45.28	2819.00	734.38	2570.59	2448.18		0.35	-0.06	0.026
60.00	-20.16	-0.59	0.00	-42.32	0.00	42.32	2764.64	712.15	2417.36	2327.78		0.43	-0.07	0.025
65.00	-19.29	-0.59	0.00	-39.38	0.00	39.38	2708.35	689.93	2268.85	2208.68		0.50	-0.08	0.025
70.00	-18.44	-0.58	0.00	-36.44	0.00	36.44	2650.12	667.71	2125.04	2091.04		0.59	-0.09	0.024
75.00	-17.61	-0.58	0.00	-33.53	0.00	33.53	2589.96	645.48	1985.94	1975.01		0.68	-0.09	0.024
80.00	-16.80	-0.57	0.00	-30.64	0.00	30.64	2527.88	623.26	1851.55	1860.74		0.78	-0.10	0.023
85.00	-16.01	-0.57	0.00	-27.77	0.00	27.77	2463.86	601.04	1721.87	1748.39		0.89	-0.11	0.022
90.00	-15.25	-0.56	0.00	-24.92	0.00	24.92	2397.91	578.82	1596.89	1638.12		1.01	-0.11	0.022
92.00	-14.75	-0.56	0.00	-23.80	0.00	23.80	2370.99	569.93	1548.22	1594.62		1.06	-0.12	0.021
95.00	-14.30	-0.56	0.00	-22.12	0.00	22.12	2330.03	556.59	1476.63	1530.06		1.13	-0.12	0.021
97.25	-13.98	-0.56	0.00	-20.86	0.00	20.86	2298.85	546.59	1424.04	1482.20		1.19	-0.12	0.020
100.00	-13.36	-0.55	0.00	-19.33	0.00	19.33	2260.21	534.37	1361.07	1424.39		1.26	-0.13	0.019
101.25	-13.08	-0.55	0.00	-18.64	0.00	18.64	1705.50	430.88	1106.18	1085.58		1.30	-0.13	0.025
105.00	-12.62	-0.55	0.00	-16.58	0.00	16.58	1669.73	417.55	1038.78	1029.66		1.40	-0.14	0.024
110.00	-12.03	-0.54	0.00	-13.85	0.00	13.85	1620.35	399.77	952.21	956.31		1.55	-0.14	0.022
115.00	-11.44	-0.54	0.00	-11.14	0.00	11.14	1569.04	381.99	869.40	884.49		1.70	-0.15	0.020
118.50	-10.75	-0.53	0.00	-9.27	0.00	9.27	1531.97	369.55	813.67	835.21		1.82	-0.16	0.018
119.00	-8.10	-0.37	0.00	-9.00	0.00	9.00	1526.60	367.77	805.86	828.24		1.83	-0.16	0.016
120.00	-8.00	-0.37	0.00	-8.63	0.00	8.63	1515.79	364.22	790.36	814.35		1.86	-0.16	0.016
125.00	-7.52	-0.37	0.00	-6.76	0.00	6.76	1460.62	346.44	715.08	746.04		2.03	-0.16	0.014
129.00	-7.14	-0.36	0.00	-5.28	0.00	5.28	1406.38	332.21	657.57	688.55		2.17	-0.17	0.013
129.00	-7.14	-0.36	0.00	-5.28	0.00	5.28	978.70	249.81	495.77	481.68		2.17	-0.17	0.018
130.00	-7.06	-0.36	0.00	-4.92	0.00	4.92	971.83	247.15	485.24	473.15		2.21	-0.17	0.018
133.75	-6.68	-0.36	0.00	-3.55	0.00	3.55	945.39	237.15	446.77	441.51		2.34	-0.17	0.015
135.00	-6.59	-0.36	0.00	-3.10	0.00	3.10	936.33	233.81	434.29	431.08		2.39	-0.18	0.014
140.00	-4.13	-0.19	0.00	-1.30	0.00	1.30	898.90	220.48	386.17	390.05		2.58	-0.18	0.008
141.00	-3.09	-0.15	0.00	-1.11	0.00	1.11	891.19	217.81	376.89	381.99		2.62	-0.18	0.006
145.00	-2.86	-0.15	0.00	-0.49	0.00	0.49	859.54	207.15	340.88	350.22		2.77	-0.18	0.005
148.00	-0.94	-0.03	0.00	-0.03	0.00	0.03	835.00	199.15	315.06	326.96		2.88	-0.18	0.001
149.00	0.00	-0.03	0.00	0.00	0.00	0.00	826.66	196.48	306.67	319.32		2.92	-0.18	0.000

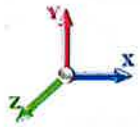
Wind Loading - Shaft

Structure:	CT13061-A	**Code:**	TIA-222-H	9/14/2023	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 31	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 24

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	6.656	7.32	261.70	0.630	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	6.656	7.32	255.73	0.630	0.000	5.00	23.389	14.74	107.9	0.0	927.6
10.00		1.00	0.85	6.656	7.32	249.75	0.630	0.000	5.00	22.849	14.40	105.4	0.0	906.1
15.00		1.00	0.86	6.738	7.41	245.28	0.630	0.000	5.00	22.309	14.05	104.2	0.0	884.5
20.00		1.00	0.91	7.135	7.85	246.22	0.630	0.000	5.00	21.769	13.71	107.6	0.0	863.0
25.00		1.00	0.95	7.463	8.21	245.49	0.630	0.000	5.00	21.229	13.37	109.8	0.0	841.4
30.00		1.00	0.99	7.745	8.52	243.63	0.630	0.000	5.00	20.689	13.03	111.0	0.0	819.9
35.00		1.00	1.02	7.992	8.79	240.95	0.630	0.000	5.00	20.148	12.69	111.6	0.0	798.3
40.00		1.00	1.05	8.214	9.04	237.63	0.630	0.000	5.00	19.608	12.35	111.6	0.0	776.8
45.00		1.00	1.07	8.416	9.26	233.81	0.630	0.000	5.00	19.068	12.01	111.2	0.0	755.3
47.75	Bot - Section 2	1.00	1.09	8.519	9.37	231.52	0.630	0.000	2.75	10.257	6.46	60.6	0.0	406.2
50.00		1.00	1.10	8.601	9.46	229.57	0.630	0.000	2.25	8.390	5.29	50.0	0.0	659.8
53.25	Top - Section 1	1.00	1.11	8.713	9.58	226.62	0.630	0.000	3.25	11.925	7.51	72.0	0.0	937.6
55.00		1.00	1.12	8.772	9.65	228.34	0.630	0.000	1.75	6.327	3.99	38.5	0.0	250.5
60.00		1.00	1.14	8.931	9.82	223.48	0.630	0.000	5.00	17.712	11.16	109.6	0.0	701.2
65.00		1.00	1.16	9.080	9.99	218.37	0.630	0.000	5.00	17.172	10.82	108.1	0.0	679.6
70.00		1.00	1.18	9.221	10.14	213.02	0.630	0.000	5.00	16.632	10.48	106.3	0.0	658.1
75.00		1.00	1.19	9.354	10.29	207.47	0.630	0.000	5.00	16.092	10.14	104.3	0.0	636.5
80.00		1.00	1.21	9.480	10.43	201.73	0.630	0.000	5.00	15.551	9.80	102.2	0.0	615.0
85.00		1.00	1.23	9.601	10.56	195.83	0.630	0.000	5.00	15.011	9.46	99.9	0.0	593.4
90.00		1.00	1.24	9.716	10.69	189.78	0.630	0.000	5.00	14.471	9.12	97.4	0.0	571.9
92.00	Appurtenance(s)	1.00	1.25	9.760	10.74	187.32	0.630	0.000	2.00	5.637	3.55	38.1	0.0	222.7
95.00		1.00	1.25	9.826	10.81	183.59	0.630	0.000	3.00	8.294	5.23	56.5	0.0	327.6
97.25	Bot - Section 3	1.00	1.26	9.874	10.86	180.77	0.630	0.000	2.25	6.093	3.84	41.7	0.0	240.6
100.00		1.00	1.27	9.931	10.92	177.28	0.630	0.000	2.75	7.414	4.67	51.0	0.0	522.9
101.25	Top - Section 2	1.00	1.27	9.957	10.95	175.68	0.630	0.000	1.25	3.316	2.09	22.9	0.0	233.8
105.00		1.00	1.28	10.033	11.04	173.72	0.630	0.000	3.75	9.746	6.14	67.8	0.0	308.4
110.00		1.00	1.29	10.131	11.14	167.20	0.630	0.000	5.00	12.522	7.89	87.9	0.0	396.2
115.00		1.00	1.31	10.225	11.25	160.57	0.630	0.000	5.00	11.982	7.55	84.9	0.0	378.9
118.50	Appurtenance(s)	1.00	1.31	10.289	11.32	155.87	0.630	0.000	3.50	8.066	5.08	57.5	0.0	255.0
119.00	Appurtenance(s)	1.00	1.32	10.298	11.33	155.20	0.630	0.000	0.50	1.131	0.71	8.1	0.0	35.7
120.00		1.00	1.32	10.316	11.35	153.84	0.630	0.000	1.00	2.245	1.41	16.1	0.0	71.0
125.00		1.00	1.33	10.405	11.44	147.03	0.630	0.000	5.00	10.902	6.87	78.6	0.0	344.5
129.00	Top - Section 3	1.00	1.34	10.473	11.52	141.52	0.630	0.000	4.00	8.332	5.25	60.5	0.0	263.2
130.00		1.00	1.34	10.490	11.54	140.13	0.630	0.000	1.00	2.029	1.28	14.8	0.0	48.2
133.75	Appurtenance(s)	1.00	1.35	10.553	11.61	134.91	0.630	0.000	3.75	7.417	4.67	54.2	0.0	176.1
135.00		1.00	1.35	10.573	11.63	133.16	0.630	0.000	1.25	2.405	1.51	17.6	0.0	57.1
140.00	Appurtenance(s)	1.00	1.36	10.654	11.72	126.10	0.630	0.000	5.00	9.281	5.85	68.5	0.0	220.2
141.00	Appurtenance(s)	1.00	1.36	10.670	11.74	124.69	0.630	0.000	1.00	1.791	1.13	13.2	0.0	42.5
145.00		1.00	1.37	10.732	11.81	118.98	0.630	0.000	4.00	6.950	4.38	51.7	0.0	164.8
148.00	Appurtenance(s)	1.00	1.38	10.778	11.86	114.67	0.630	0.000	3.00	4.985	3.14	37.2	0.0	118.2
149.00	Appurtenance(s)	1.00	1.38	10.794	11.87	113.23	0.630	0.000	1.00	1.619	1.02	12.1	0.0	38.4
								Totals:	**149.00**			**2,870.0**		**18,748.6**

Discrete Appurtenance Forces

Structure: CT13061-A
Site Name: New Fairfield
Height: 149.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1 **Topography:** 1

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

9/14/2023

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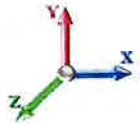
Load Case: 1.0D + 1.0W 60 mph Wind
Dead Load Factor 1.00
Wind Load Factor 1.00



Iterations 24

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	Kathrein 782 11056	3	10.794	11.873	0.45	0.90	0.38	7.80	0.000	0.000	4.49	0.00	0.00
2	149.00	Ericsson 4480 B71 + B85	3	10.794	11.873	0.45	0.90	3.85	279.00	0.000	0.000	45.68	0.00	0.00
3	149.00	Ericsson KRY 112 489/2	3	10.794	11.873	0.45	0.90	0.92	39.60	0.000	0.000	10.90	0.00	0.00
4	149.00	RFS APXV18-209014	3	10.794	11.873	0.67	0.90	7.15	56.10	0.000	0.000	84.92	0.00	0.00
5	149.00	RFS	3	10.794	11.873	0.66	0.90	39.89	368.40	0.000	0.000	473.65	0.00	0.00
6	149.00	RFS	3	10.794	11.873	0.66	0.90	10.19	79.20	0.000	0.000	120.99	0.00	0.00
7	149.00	Standoff Mount	1	10.794	11.873	1.00	1.00	1.80	60.00	0.000	0.000	21.37	0.00	0.00
8	149.00	RFS BA1010	1	10.814	11.895	1.00	1.00	1.24	8.80	0.000	1.350	14.75	0.00	19.91
9	149.00	Lightning Rod	1	10.846	11.931	1.00	1.00	1.05	35.00	0.000	3.500	12.53	0.00	43.85
10	148.00	Low Profile Platform	1	10.778	11.856	1.00	1.00	35.03	1863.50	0.000	0.000	415.32	0.00	0.00
11	141.00	Ericsson 4426 B66 RRU	3	10.670	11.737	0.40	0.80	1.38	145.50	0.000	0.000	16.20	0.00	0.00
12	141.00	Ericsson RRUS 12 RRU	3	10.701	11.771	0.40	0.80	3.78	150.00	0.000	2.000	44.50	0.00	88.99
13	141.00	Ericsson RRUS 11 RRU	3	10.670	11.737	0.40	0.80	3.02	165.00	0.000	0.000	35.49	0.00	0.00
14	141.00	Powerwave	3	10.701	11.771	0.40	0.80	0.66	48.00	0.000	2.000	7.77	0.00	15.54
15	141.00	Powerwave LGP-21401	9	10.701	11.771	0.40	0.80	3.78	126.90	0.000	2.000	44.50	0.00	88.99
16	141.00	Cci HPA-65R-BUU-H6	3	10.701	11.771	0.68	0.80	19.71	152.10	0.000	2.000	231.97	0.00	463.94
17	141.00	Ericsson RRUS 32 RRU	3	10.670	11.737	0.40	0.80	1.98	231.00	0.000	0.000	23.24	0.00	0.00
18	140.00	Powerwave 7770	6	10.654	11.719	0.58	0.80	19.31	210.00	0.000	0.000	226.26	0.00	0.00
19	140.00	Low Profile Platform	1	10.654	11.719	1.00	1.00	25.91	1525.00	0.000	0.000	303.65	0.00	0.00
20	140.00	Powerwave 1001983	3	10.654	11.719	0.80	0.80	0.26	8.70	0.000	0.000	3.09	0.00	0.00
21	140.00	Raycap DC6-48-60-18-8F	2	10.654	11.719	0.40	0.80	1.76	65.60	0.000	0.000	20.63	0.00	0.00
22	140.00	Ericsson RRUS-A2 RRU	3	10.654	11.719	0.40	0.80	1.88	45.00	0.000	0.000	22.08	0.00	0.00
23	140.00	Kaelus DBCT108F1V92-1	6	10.654	11.719	0.40	0.80	1.70	100.20	0.000	0.000	19.97	0.00	0.00
24	140.00	Kathrein 80010798	3	10.654	11.719	0.62	0.80	20.01	258.90	0.000	0.000	234.52	0.00	0.00
25	133.75	Standoff Mount	1	10.553	11.608	1.00	1.00	1.80	60.00	0.000	0.000	20.89	0.00	0.00
26	133.75	RFS BA40-01	1	10.553	11.608	1.00	1.00	3.45	32.00	0.000	0.000	40.05	0.00	0.00
27	119.00	Raycap	1	10.298	11.328	0.75	0.75	2.84	32.00	0.000	0.000	32.20	0.00	0.00
28	119.00	MT6407-77A	3	10.298	11.328	0.52	0.75	7.39	261.30	0.000	0.000	83.68	0.00	0.00
29	119.00	B2/B66A RRH-BR049	3	10.298	11.328	0.50	0.75	2.82	253.20	0.000	0.000	31.93	0.00	0.00
30	119.00	B5/B13 RRH-BR04C	3	10.298	11.328	0.50	0.75	2.82	210.90	0.000	0.000	31.93	0.00	0.00
31	119.00	Kaelus KA-6030	2	10.298	11.328	0.75	0.75	1.44	35.20	0.000	0.000	16.31	0.00	0.00
32	119.00	(15) Mount Pipes	15	10.298	11.328	0.75	0.75	14.74	450.00	0.000	0.000	166.95	0.00	0.00
33	119.00	Low Profile Platform	1	10.298	11.328	1.00	1.00	31.30	1500.00	0.000	0.000	354.57	0.00	0.00
34	118.50	Antel	6	10.289	11.318	0.55	0.75	17.98	72.00	0.000	0.000	203.52	0.00	0.00
35	118.50	Andrew SBNHH-1D65B w/	6	10.289	11.318	0.62	0.75	30.48	240.00	0.000	0.000	344.95	0.00	0.00
36	92.00	Single Arm Mount	1	9.760	10.736	1.00	1.00	1.80	60.00	0.000	0.000	19.33	0.00	0.00
37	92.00	Sinclair SD210-SF3P2LDF	1	9.910	10.901	1.00	1.00	4.80	18.50	0.000	7.000	52.33	0.00	366.29
38	92.00	Single Arm Mount	2	9.760	10.736	1.00	1.00	3.60	120.00	0.000	0.000	38.65	0.00	0.00
39	92.00	RFS 1142	1	9.910	10.901	1.00	1.00	3.90	10.00	0.000	7.000	42.52	0.00	297.61
							Totals:		**9,384.40**			**3,918.25**		

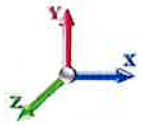
Total Applied Force Summary

Structure:	CT13061-A		**Code:**	TIA-222-H	9/14/2023
Site Name:	New Fairfield		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 33

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 24

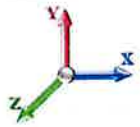
Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		110.35	1024.61	0.00	0.00
10.00		111.56	1148.58	0.00	0.00
15.00		110.41	1127.03	0.00	0.00
20.00		114.25	1105.49	0.00	0.00
25.00		116.71	1083.95	0.00	0.00
30.00		118.21	1062.40	0.00	0.00
35.00		119.00	1040.86	0.00	0.00
40.00		119.23	1019.31	0.00	0.00
45.00		119.00	997.77	0.00	0.00
47.75		64.90	539.59	0.00	0.00
50.00		53.59	768.89	0.00	0.00
53.25		77.25	1095.21	0.00	0.00
55.00		41.30	335.38	0.00	0.00
60.00		117.89	943.68	0.00	0.00
65.00		116.46	922.14	0.00	0.00
70.00		114.82	900.60	0.00	0.00
75.00		112.97	879.05	0.00	0.00
80.00		110.95	857.51	0.00	0.00
85.00		108.76	835.96	0.00	0.00
90.00		106.43	814.42	0.00	0.00
92.00	(5) attachments	194.56	528.24	0.00	663.90
95.00		61.93	470.02	0.00	0.00
97.25		45.80	347.43	0.00	0.00
100.00		56.09	653.43	0.00	0.00
101.25		25.19	293.14	0.00	0.00
105.00		74.73	486.43	0.00	0.00
110.00		97.29	633.49	0.00	0.00
115.00		94.37	616.26	0.00	0.00
118.50	(12) attachments	612.65	733.13	0.00	0.00
119.00	(28) attachments	726.59	2802.07	0.00	0.00
120.00		17.96	105.83	0.00	0.00
125.00		88.24	518.79	0.00	0.00
129.00		68.23	402.62	0.00	0.00
130.00		16.69	83.04	0.00	0.00
133.75	(2) attachments	122.51	398.80	0.00	0.00
135.00		20.07	100.00	0.00	0.00
140.00	(24) attachments	908.59	2605.32	0.00	0.00
141.00	(27) attachments	418.88	1095.33	0.00	657.46
145.00		59.64	241.28	0.00	0.00
148.00	(1) attachments	458.55	2039.03	0.00	0.00
149.00	(21) attachments	803.38	991.38	0.00	63.76
	Totals:	**7,035.94**	**34,647.49**	**0.00**	**1,385.12**

Linear Appurtenance Segment Forces (Factored)

Structure: CT13061-A
Site Name: New Fairfield
Height: 149.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 9/14/2023
Exposure: C
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 24

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	2.00	2.000	0.38	0.06	0.13	0.000	0.000	6.656	0.93	0.55
5.00	Step bolts (ladder)	Yes	2.00	2.000	0.63	0.10	0.21	0.000	0.000	6.656	1.54	2.08
10.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	6.656	2.32	1.37
10.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	6.656	3.84	5.20
15.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	6.738	2.35	1.37
15.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	6.738	3.89	5.20
20.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	7.135	2.49	1.37
20.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	7.135	4.12	5.20
25.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	7.463	2.60	1.37
25.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	7.463	4.31	5.20
30.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	7.745	2.70	1.37
30.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	7.745	4.47	5.20
35.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	7.992	2.78	1.37
35.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	7.992	4.62	5.20
40.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	8.214	2.86	1.37
40.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	8.214	4.74	5.20
45.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	8.416	2.93	1.37
45.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	8.416	4.86	5.20
47.75	Safety Cable	Yes	2.75	2.000	0.38	0.09	0.17	0.000	0.000	8.519	1.63	0.75
47.75	Step bolts (ladder)	Yes	2.75	2.000	0.63	0.14	0.29	0.000	0.000	8.519	2.71	2.86
50.00	Safety Cable	Yes	2.25	2.000	0.38	0.07	0.14	0.000	0.000	8.601	1.35	0.61
50.00	Step bolts (ladder)	Yes	2.25	2.000	0.63	0.12	0.24	0.000	0.000	8.601	2.24	2.34
53.25	Safety Cable	Yes	3.25	2.000	0.38	0.10	0.21	0.000	0.000	8.713	1.97	0.89
53.25	Step bolts (ladder)	Yes	3.25	2.000	0.63	0.17	0.34	0.000	0.000	8.713	3.27	3.38
55.00	Safety Cable	Yes	1.75	2.000	0.38	0.06	0.11	0.000	0.000	8.772	1.07	0.48
55.00	Step bolts (ladder)	Yes	1.75	2.000	0.63	0.09	0.18	0.000	0.000	8.772	1.77	1.82
60.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	8.931	3.11	1.37
60.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	8.931	5.16	5.20
65.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	9.080	3.16	1.37
65.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	9.080	5.24	5.20
70.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	9.221	3.21	1.37
70.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	9.221	5.33	5.20
75.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	9.354	3.26	1.37
75.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	9.354	5.40	5.20
80.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	9.480	3.30	1.37
80.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	9.480	5.47	5.20
85.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	9.601	3.34	1.37
85.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	9.601	5.54	5.20
90.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	9.716	3.38	1.37
90.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	9.716	5.61	5.20
92.00	Safety Cable	Yes	2.00	2.000	0.38	0.06	0.13	0.000	0.000	9.760	1.36	0.55
92.00	Step bolts (ladder)	Yes	2.00	2.000	0.63	0.10	0.21	0.000	0.000	9.760	2.25	2.08
95.00	Safety Cable	Yes	3.00	2.000	0.38	0.10	0.19	0.000	0.000	9.826	2.05	0.82
95.00	Step bolts (ladder)	Yes	3.00	2.000	0.63	0.16	0.32	0.000	0.000	9.826	3.40	3.12
97.25	Safety Cable	Yes	2.25	2.000	0.38	0.07	0.14	0.000	0.000	9.874	1.55	0.61
97.25	Step bolts (ladder)	Yes	2.25	2.000	0.63	0.12	0.24	0.000	0.000	9.874	2.57	2.34
100.00	Safety Cable	Yes	2.75	2.000	0.38	0.09	0.17	0.000	0.000	9.931	1.90	0.75

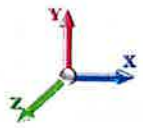
Linear Appurtenance Segment Forces (Factored)

Structure:	CT13061-A	**Code:**	TIA-222-H	9/14/2023	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 35	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 24

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	2.75	2.000	0.63	0.14	0.29	0.000	0.000	9.931	3.15	2.86
101.25	Safety Cable	Yes	1.25	2.000	0.38	0.04	0.08	0.000	0.000	9.957	0.87	0.34
101.25	Step bolts (ladder)	Yes	1.25	2.000	0.63	0.07	0.13	0.000	0.000	9.957	1.44	1.30
105.00	Safety Cable	Yes	3.75	2.000	0.38	0.12	0.24	0.000	0.000	10.033	2.62	1.02
105.00	Step bolts (ladder)	Yes	3.75	2.000	0.63	0.20	0.39	0.000	0.000	10.033	4.35	3.90
110.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	10.131	3.53	1.37
110.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	10.131	5.85	5.20
115.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	10.225	3.56	1.37
115.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	10.225	5.90	5.20
118.50	Safety Cable	Yes	3.50	2.000	0.38	0.11	0.22	0.000	0.000	10.289	2.51	0.96
118.50	Step bolts (ladder)	Yes	3.50	2.000	0.63	0.18	0.37	0.000	0.000	10.289	4.16	3.64
119.00	Safety Cable	Yes	0.50	2.000	0.38	0.02	0.03	0.000	0.000	10.298	0.36	0.14
119.00	Step bolts (ladder)	Yes	0.50	2.000	0.63	0.03	0.05	0.000	0.000	10.298	0.59	0.52
120.00	Safety Cable	Yes	1.00	2.000	0.38	0.03	0.06	0.000	0.000	10.316	0.72	0.27
120.00	Step bolts (ladder)	Yes	1.00	2.000	0.63	0.05	0.10	0.000	0.000	10.316	1.19	1.04
125.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	10.405	3.62	1.37
125.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	10.405	6.01	5.20
129.00	Safety Cable	Yes	4.00	2.000	0.38	0.13	0.25	0.000	0.000	10.473	2.92	1.09
129.00	Step bolts (ladder)	Yes	4.00	2.000	0.63	0.21	0.42	0.000	0.000	10.473	4.84	4.16
130.00	Safety Cable	Yes	1.00	2.000	0.38	0.03	0.06	0.000	0.000	10.490	0.73	0.27
130.00	Step bolts (ladder)	Yes	1.00	2.000	0.63	0.05	0.10	0.000	0.000	10.490	1.21	1.04
133.75	Safety Cable	Yes	3.75	2.000	0.38	0.12	0.24	0.000	0.000	10.553	2.76	1.02
133.75	Step bolts (ladder)	Yes	3.75	2.000	0.63	0.20	0.39	0.000	0.000	10.553	4.57	3.90
135.00	Safety Cable	Yes	1.25	2.000	0.38	0.04	0.08	0.000	0.000	10.573	0.92	0.34
135.00	Step bolts (ladder)	Yes	1.25	2.000	0.63	0.07	0.13	0.000	0.000	10.573	1.53	1.30
140.00	Safety Cable	Yes	5.00	2.000	0.38	0.16	0.32	0.000	0.000	10.654	3.71	1.37
140.00	Step bolts (ladder)	Yes	5.00	2.000	0.63	0.26	0.53	0.000	0.000	10.654	6.15	5.20
141.00	Safety Cable	Yes	1.00	2.000	0.38	0.03	0.06	0.000	0.000	10.670	0.74	0.27
141.00	Step bolts (ladder)	Yes	1.00	2.000	0.63	0.05	0.10	0.000	0.000	10.670	1.23	1.04
145.00	Safety Cable	Yes	4.00	2.000	0.38	0.13	0.25	0.000	0.000	10.732	2.99	1.09
145.00	Step bolts (ladder)	Yes	4.00	2.000	0.63	0.21	0.42	0.000	0.000	10.732	4.96	4.16
148.00	Safety Cable	Yes	3.00	2.000	0.38	0.10	0.19	0.000	0.000	10.778	2.25	0.82
148.00	Step bolts (ladder)	Yes	3.00	2.000	0.63	0.16	0.32	0.000	0.000	10.778	3.73	3.12
149.00	Safety Cable	Yes	1.00	2.000	0.38	0.03	0.06	0.000	0.000	10.794	0.75	0.27
149.00	Step bolts (ladder)	Yes	1.00	2.000	0.63	0.05	0.10	0.000	0.000	10.794	1.25	1.04
										Totals:	**247.7**	**191.7**

Calculated Forces

Structure: CT13061-A
Site Name: New Fairfield
Height: 149.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1 **Topography:** 1

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

9/14/2023

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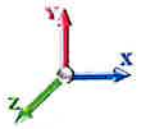
Load Case: 1.0D + 1.0W 60 mph Wind
Dead Load Factor 1.00
Wind Load Factor 1.00



Iterations 24

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	-34.64	-7.05	0.00	-780.66	0.00	780.66	3273.57	967.95	4465.80	3753.83	0.00	0.000	0.000	0.219
5.00	-33.61	-6.97	0.00	-745.41	0.00	745.41	3239.51	945.72	4263.10	3629.01	0.03	-0.050	0.000	0.216
10.00	-32.46	-6.89	0.00	-710.56	0.00	710.56	3203.51	923.50	4065.10	3503.87	0.11	-0.102	0.000	0.213
15.00	-31.33	-6.80	0.00	-676.13	0.00	676.13	3165.58	901.28	3871.81	3378.58	0.24	-0.155	0.000	0.210
20.00	-30.21	-6.71	0.00	-642.12	0.00	642.12	3125.72	879.06	3683.23	3253.29	0.43	-0.209	0.000	0.207
25.00	-29.12	-6.62	0.00	-608.56	0.00	608.56	3083.93	856.83	3499.36	3128.15	0.68	-0.264	0.000	0.204
30.00	-28.06	-6.52	0.00	-575.46	0.00	575.46	3040.21	834.61	3320.20	3003.31	0.99	-0.320	0.000	0.201
35.00	-27.01	-6.43	0.00	-542.83	0.00	542.83	2994.56	812.39	3145.74	2878.94	1.35	-0.378	0.000	0.198
40.00	-25.98	-6.33	0.00	-510.70	0.00	510.70	2946.97	790.16	2975.99	2755.17	1.78	-0.436	0.000	0.194
45.00	-24.98	-6.22	0.00	-479.07	0.00	479.07	2897.46	767.94	2810.95	2632.17	2.27	-0.496	0.000	0.191
47.75	-24.44	-6.16	0.00	-461.96	0.00	461.96	2869.40	755.72	2722.18	2564.91	2.57	-0.531	0.000	0.189
50.00	-23.67	-6.12	0.00	-448.09	0.00	448.09	2846.01	745.72	2650.61	2510.09	2.82	-0.559	0.000	0.187
53.25	-22.57	-6.04	0.00	-428.21	0.00	428.21	2837.57	742.15	2625.33	2490.60	3.22	-0.600	0.000	0.180
55.00	-22.23	-6.01	0.00	-417.64	0.00	417.64	2819.00	734.38	2570.59	2448.18	3.44	-0.623	0.000	0.179
60.00	-21.28	-5.91	0.00	-387.57	0.00	387.57	2764.64	712.15	2417.36	2327.78	4.13	-0.684	0.000	0.174
65.00	-20.36	-5.80	0.00	-358.03	0.00	358.03	2708.35	689.93	2268.85	2208.68	4.88	-0.745	0.000	0.170
70.00	-19.45	-5.70	0.00	-329.03	0.00	329.03	2650.12	667.71	2125.04	2091.04	5.69	-0.808	0.000	0.165
75.00	-18.57	-5.59	0.00	-300.55	0.00	300.55	2589.96	645.48	1985.94	1975.01	6.57	-0.871	0.000	0.159
80.00	-17.71	-5.49	0.00	-272.60	0.00	272.60	2527.88	623.26	1851.55	1860.74	7.52	-0.935	0.000	0.154
85.00	-16.87	-5.38	0.00	-245.17	0.00	245.17	2463.86	601.04	1721.87	1748.39	8.53	-0.999	0.000	0.147
90.00	-16.05	-5.27	0.00	-218.26	0.00	218.26	2397.91	578.82	1596.89	1638.12	9.61	-1.063	0.000	0.140
92.00	-15.52	-5.08	0.00	-207.05	0.00	207.05	2370.99	569.93	1548.22	1594.62	10.07	-1.089	0.000	0.136
95.00	-15.05	-5.02	0.00	-191.81	0.00	191.81	2330.03	556.59	1476.63	1530.06	10.76	-1.128	0.000	0.132
97.25	-14.70	-4.97	0.00	-180.53	0.00	180.53	2298.85	546.59	1424.04	1482.20	11.30	-1.157	0.000	0.128
100.00	-14.05	-4.91	0.00	-166.86	0.00	166.86	2260.21	534.37	1361.07	1424.39	11.98	-1.192	0.000	0.123
101.25	-13.75	-4.88	0.00	-160.72	0.00	160.72	1705.50	430.88	1106.18	1085.58	12.29	-1.208	0.000	0.156
105.00	-13.26	-4.81	0.00	-142.40	0.00	142.40	1669.73	417.55	1038.78	1029.66	13.26	-1.254	0.000	0.146
110.00	-12.62	-4.72	0.00	-118.34	0.00	118.34	1620.35	399.77	952.21	956.31	14.61	-1.323	0.000	0.132
115.00	-12.01	-4.62	0.00	-94.76	0.00	94.76	1569.04	381.99	869.40	884.49	16.03	-1.387	0.000	0.115
118.50	-11.29	-3.99	0.00	-78.60	0.00	78.60	1531.97	369.55	813.67	835.21	17.07	-1.429	0.000	0.102
119.00	-8.50	-3.20	0.00	-76.60	0.00	76.60	1526.60	367.77	805.86	828.24	17.22	-1.434	0.000	0.098
120.00	-8.40	-3.18	0.00	-73.41	0.00	73.41	1515.79	364.22	790.36	814.35	17.52	-1.446	0.000	0.096
125.00	-7.88	-3.09	0.00	-57.50	0.00	57.50	1460.62	346.44	715.08	746.04	19.06	-1.498	0.000	0.083
129.00	-7.48	-3.01	0.00	-45.16	0.00	45.16	1406.38	332.21	657.57	688.55	20.33	-1.536	0.000	0.071
129.00	-7.48	-3.01	0.00	-45.16	0.00	45.16	978.70	249.81	495.77	481.68	20.33	-1.536	0.000	0.102
130.00	-7.39	-2.99	0.00	-42.15	0.00	42.15	971.83	247.15	485.24	473.15	20.66	-1.545	0.000	0.097
133.75	-7.00	-2.86	0.00	-30.92	0.00	30.92	945.39	237.15	446.77	441.51	21.89	-1.584	0.000	0.078
135.00	-6.89	-2.84	0.00	-27.34	0.00	27.34	936.33	233.81	434.29	431.08	22.30	-1.596	0.000	0.071
140.00	-4.32	-1.86	0.00	-13.12	0.00	13.12	898.90	220.48	386.17	390.05	23.99	-1.630	0.000	0.039
141.00	-3.23	-1.41	0.00	-10.60	0.00	10.60	891.19	217.81	376.89	381.99	24.34	-1.635	0.000	0.031
145.00	-2.99	-1.35	0.00	-4.94	0.00	4.94	859.54	207.15	340.88	350.22	25.71	-1.648	0.000	0.018
148.00	-0.97	-0.83	0.00	-0.90	0.00	0.90	835.00	199.15	315.06	326.96	26.75	-1.652	0.000	0.004
149.00	0.00	-0.80	0.00	-0.06	0.00	0.06	826.66	196.48	306.67	319.32	27.09	-1.652	0.000	0.000

Reactions

Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)
1.2D + 1.0W 115 mph Wind	29.0	0.00	41.52	0.00	0.00	3227.21
0.9D + 1.0W 115 mph Wind	28.9	0.00	31.13	0.00	0.00	3186.36
1.2D + 1.0Di + 1.0Wi 50 mph Wind	9.6	0.00	57.33	0.00	0.00	1025.88
1.2D + 1.0Ev + 1.0Eh	0.6	0.00	43.20	0.00	0.00	78.41
0.9D + 1.0Ev + 1.0Eh	0.6	0.00	32.71	0.00	0.00	77.84
1.0D + 1.0W 60 mph Wind	7.1	0.00	34.64	0.00	0.00	780.66

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 115 mph Wind	-41.52	-28.97	0.00	-3227.2	0.00	-3227.2	3273.57	967.95	4465.80	3753.83	0.00	0.873
0.9D + 1.0W 115 mph Wind	-31.13	-28.95	0.00	-3186.3	0.00	-3186.3	3273.57	967.95	4465.80	3753.83	0.00	0.859
1.2D + 1.0Di + 1.0Wi 50 mph Wind	-57.33	-9.63	0.00	-1025.8	0.00	-1025.8	3273.57	967.95	4465.80	3753.83	0.00	0.291
1.2D + 1.0Ev + 1.0Eh	-43.20	-0.58	0.00	-78.41	0.00	-78.41	3273.57	967.95	4465.80	3753.83	0.00	0.034
0.9D + 1.0Ev + 1.0Eh	-32.71	-0.58	0.00	-77.84	0.00	-77.84	3273.57	967.95	4465.80	3753.83	0.00	0.031
1.0D + 1.0W 60 mph Wind	-34.64	-7.05	0.00	-780.66	0.00	-780.66	3273.57	967.95	4465.80	3753.83	0.00	0.219

Base Plate Summary

Structure:	CT13061-A		**Code:**	TIA-222-H	9/14/2023
Site Name:	New Fairfield		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 38

SBA

Reactions		Base Plate		Anchor Bolts	
Original Design		**Yield (ksi):**	60.00	**Bolt Circle:**	62.25
Moment (kip-ft):	3340.00	**Width (in):**	59.75	**Number Bolts:**	12.00
Axial (kip):	43.90	**Style:**	Clipped	**Bolt Type:**	2.25" 18J
Shear (kip):	29.90	**Polygon Sides:**	0.00	**Bolt Diameter (in):**	2.25
		Clip Length (in):	11.00	**Yield (ksi):**	75.00
Analysis (1.2D + 1.0W)		**Effective Len (in):**	10.85	**Ultimate (ksi):**	100.00
Moment (kip-ft):	3227.21	**Moment (kip-in):**	667.28	**Arrangement:**	Clustered
Axial (kip):	41.52	**Allow Stress (ksi):**	81.00	**Cluster Dist (in):**	6.00
Shear (kip):	28.97	**Applied Stress (ksi):**	48.60	**Start Angle (deg):**	45.00
		Stress Ratio:	0.60	Compression	
				Force (kip):	210.83
				Allowable (kip):	268.39
				Ratio:	0.79
				Tension	
				Force (kip):	203.91
				Allowable (kip):	243.75
				Ratio:	0.84

Monopole Mat Foundation Design

				Date
				8/23/2023
Customer Name:	Verizon		TIA Standard:	TIA-222-H
Site Name:			Structure Height (Ft.):	150
Site Number:	CT13061-A		Engineer Name:	SBA Engineer
Engr. Number:			Engineer Login ID:	

Foundation Info Obtained from: Drawings/Calculations

Structure Type: Monopole

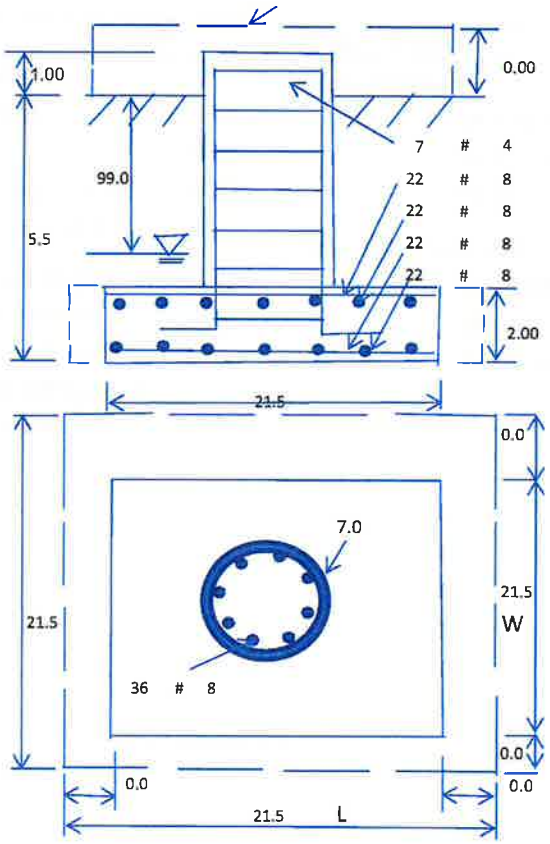
Analysis or Design? Analysis

Base Reactions (Factored):

Axial Load (Kips):	41.5	Shear Force (Kips):	29.0
Uplift Force (Kips):	0.0	Moment (Kips-ft):	3227.2

Foundation Geometries:

		Mods required -Yes/No ?:	No
Diameter of Pier (ft.):	7.0	Depth of Base BG (ft.):	5.5
Pier Height A. G. (ft.):	1.00	Thickness of Pad (ft):	2.00
Length of Pad (ft.):	21.5	Width of Pad (ft.):	21.5
Final Length of pad (ft)	21.5	Final width of pad (ft):	21.5



Material Properties and Reabr Info:

Concrete Strength (psi):	4000	Steel Elastic Modulus:	29000	ksi
Vertical bar yield (ksi)	60	Tie steel yield (ksi):	60	
Vertical Rebar Size #:	8	Tie / Stirrup Size #:	4	
Qty. of Vertical Rebars:	36	Tie Spacing (in):	12.0	
Pad Rebar Yield (Ksi):	60	Pad Steel Rebar Size (#):	8	
Concrete Cover (in.):	3	Unit Weight of Concrete:	150.0	pcf
Rebar at the bottom of the concrete pad:				
Qty. of Rebar in Pad (L):	22	Qty. of Rebar in Pad (W):	22	
Rebar at the top of the concrete pad:				
Qty. of Rebar in Pad (L):	22	Qty. of Rebar in Pad (W):	22	

Soil Design Parameters:

Soil Unit Weight (pcf):	120.0	Soil Buoyant Weight:	57.6	Pcf		
Water Table B.G.S. (ft):	99.0	Unit Weight of Water:	62.4	pcf	Angle from Top of Pad:	30
Ultimate Bearing Pressure (psf):	12000	Ultimate Skin Friction:	0	Psf	Angle from Bottm of Pad:	25
Consider Friction for O.T.M. (Y/N):	No	Consider Friction for bearing (Y/N):	No		Angle from Bottm of Pad:	25
Consider soil hor. resist. for OTM.:	No	Reduction factor on the maximum soil bearing pressure:	1.00			

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

Total Dry Soil Volume (cu. Ft.):	1483.18	Total Dry Soil Weight (Kips):	177.98
Total Buoyant Soil Volume (cu. Ft.):	0.00	Total Buoyant Soil Weight (Kips):	0.00
Total Effective Soil Weight (Kips):	177.98	Weight from the Concrete Block at Top (K):	0.00
Total Dry Concrete Volume (cu. Ft.):	1097.68	Total Dry Concrete Weight (Kips):	164.65
Total Buoyant Concrete Volume (cu. Ft.):	0.00	Total Buoyant Concrete Weight (Kips):	0.00
Total Effective Concrete Weight (Kips):	164.65	Total Vertical Load on Base (Kips):	384.13

Check Soil Capacities:

					Load/ Capacity Ratio	
Calculated Maxium Net Soil Pressure under the base (psf):	4506	<	Allowable Factored Soil Bearing (psf):	9000	0.50	OK!
Allowable Foundation Overturning Resistance (kips-ft.):	3761.1	>	Design Factored Momont (kips-ft):	3416	0.91	OK!
Factor of Safety Against Overturning (O. R. Moment/Design Moment):	1.10	OK!				

Check the capacities of Reinforceing Concrete:

Strength reduction factor (Flexure and axial tension):	0.90		Strength reduction factor (Shear):	0.75		
Strength reduction factor (Axial compresion):	0.65		Wind Load Factor on Concrete Design:	1.00		
					Load/ Capacity Ratio	
(1) Concrete Pier:						
Vertical Steel Rebar Area (sq. in./each):	0.79		Tie / Stirrup Area (sq. in./each):	0.20		
Calculated Moment Capacity (Mn,Kips-Ft):	4845.7	>	Design Factored Moment (Mu, Kips-F	3357.6	0.69	OK!
Calculated Shear Capacity (Kips):	660.1	>	Design Factored Shear (Kips):	29.0	0.04	OK!
Calculated Tension Capacity (Tn, Kips):	1535.8	>	Design Factored Tension (Tu Kips):	0.0	0.00	OK!
Calculated Compression Capacity (Pn, Kips):	9747.6	>	Design Factored Axial Load (Pu Kips):	41.5	0.00	OK!
Moment & Axial Strength Combination:	0.69	OK!	Check Tie Spacing (Design/Required):		1	OK!
Pier Reinforcement Ratio:	0.005		Reinforcement Ratio is satisfied per ACI			
(2).Concrete Pad:						
One-Way Design Shear Capacity (L-Direction, Kips):	501.8	>	One-Way Factored Shear (L-D. Kips):	242.9	0.48	OK!
One-Way Design Shear Capacity (W-Direction, Kips):	501.8	>	One-Way Factored Shear (W-D., Kips)	242.9	0.48	OK!
One-Way Design Shear Capacity (Corner-Corner. Kips):	466.5	>	One-Way Factored Shear (C-C, Kips):	252.2	0.54	OK!
Lower Steel Pad Reinforcement Ratio (L-Direct.):	0.0033	OK!	Lower Steel Pad Reinf. Ratio (W-Direc	0.0033		
Lower Steel Pad Moment Capacity (L-Direction. Kips-ft):	1556.8	>	Moment at Bottom (L-Dir. K-Ft):	952.3	0.61	OK!
Lower Steel Pad Moment Capacity (W-Direction. Kips-ft):	1556.8	>	Moment at Bottom (W-Dir. K-Ft):	952.3	0.61	OK!
Lower Steel Pad Moment Capacity (Corner-Corner,K-ft):	2182.0	>	Moment at Bottom (C-C Dir. K-Ft):	1346.8	0.62	OK!
Upper Steel Pad Reinforcement Ratio (L-Direct.):	0.0033	OK!	Upper Steel Reinf. Ratio (W-Dir.):	0.0033		
Upper Steel Pad Moment Capacity (L-Direc. Kips-ft):	1556.8	>	Moment at the top (L-Dir K-Ft):	443.3	0.28	OK!
Upper Steel Pad Moment Capacity (W-Direc. Kips-ft):	1556.8	>	Moment at the top (W-Dir K-Ft):	443.3	0.28	OK!
Upper Steel Pad Moment Capacity (Corner-Corner. K-ft):	2182.0	>	Moment at the top (C-C Dir. K-Ft):	419.2	0.19	OK!
(3).Check Punching Shear Capacity due to Moment in the Pier:						
Moment transferred by punching shear:	1290.9	k-ft.	Max. factored shear stress v_{u_CD}:		3.7	Psi
Max. factored shear stress v_{u_AB}:	14.0	Psi	Factored shear Strength ϕv_n:		189.7	Psi
Max. factored shear stress v_u:	14.0	Psi	Check Usage of Punching Shear Capacity:		0.07	OK!
(4).Check Bending Capacity of the Pad Within the Effective Slab Width:						
Overturning moment to be transferred by flexure:	968.2	k-ft.	Effective Width for resisting OT moment:		13.0	ft.
Calculated number of Rebar in Effective width:	14		Actual number of Rebar in Effective width:		14	
Steel Pad Moment Capacity (L-Direc. Kips-ft):	989.2	k-ft.	Check Usage of the Flexure Capacity:		0.98	OK!

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10208811
Colliers Engineering & Design CT, PC Project #: 23777249

August 18, 2023

Site Information	*Site ID:*	*5000386456-VZW / BOGUS HILL CT*
	Site Name:	*BOGUS HILL CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*29 Bogus Hill Road* *New Fairfield, Connecticut 06812* *Fairfield County*
	Latitude:	*41.511840°*
	Longitude:	*-73.467220°*
Structure Information	*Tower Type:*	*150-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 17123969

Analysis Results

Platform: **47.0 % Pass***

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

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

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

Report Prepared By: Gilberto Martinez

Digitally signed by Derek Hartzell
Date: 2023.08.18 16:08:35-07'00'

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS Site ID: 674847, dated March 8, 2021*
Final Loading Configuration	*Filter Add Scope Provided by Verizon Wireless*
Mount Mod Analysis & Drawings	*Maser Consulting Connecticut, Project #: 20777638A, dated April 30, 2021*
Post Modification Inspection Report	*Maser Consulting Connecticut, Project #: 20777638A, dated October 31, 2022*
Post Modification Inspection Report	*Maser Consulting Connecticut, Project #: 20777638A, dated November 15, 2022*

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}:	115 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.978
Seismic Parameters:	S_S:	0.219 g
	S_1:	0.056 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
119.17	120.00	3	Samsung	MT6407-77A	Retained
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		6	Andrew	SBNHH-1D65B	
		6	Antel	LPA-80080/4CF	
		1	Raycap	RRFDC-6627-PF-48	
		2	Kaelus	KA-6030	Added

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

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

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	15.0 %	Pass
Standoff Horizontal	11.4 %	Pass
Platform Crossmember	47.0 %	Pass
Mount Pipe	24.2 %	Pass
Corner Plate	28.4 %	Pass
Grating Support	35.6 %	Pass
Cross Arm Plate	16.9 %	Pass
Mod Support Rail	14.1 %	Pass
Support Rail Connection	14.5 %	Pass
Mod Kicker	8.5 %	Pass
Mount Connection	27.1 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	47.0%

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	31.3	31.3	48.4	48.4
0.5	40.7	40.6	65.0	65.0
1	48.9	48.9	80.4	80.4

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

Requirements:

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

Contractor shall 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.

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

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

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MDG #: 5000386456 SMART Project #: 10208811 Fuze Project ID: 17123969

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 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: 5000386456-VZW - BOGUS HILL CT

Sector: A

Structure Type: Monopole

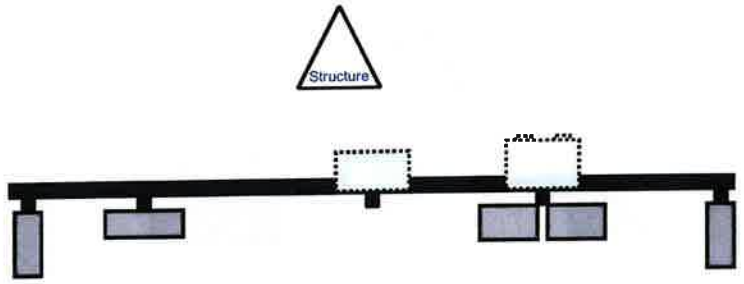
Mount Elev: 119.17

10208811

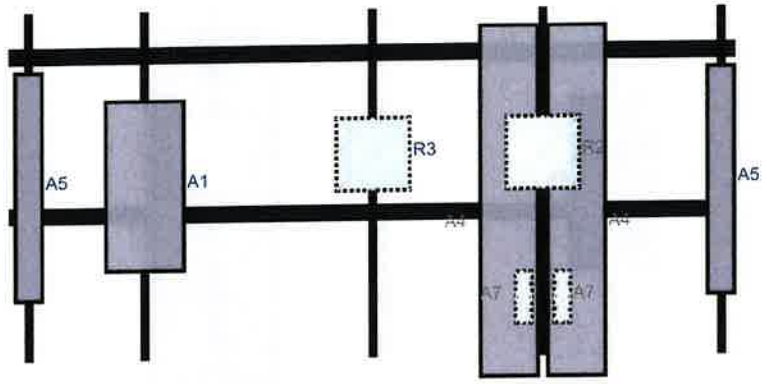
8/18/2023

Colliers Engineering & Design

Plan View



Front View - Looking at Structure

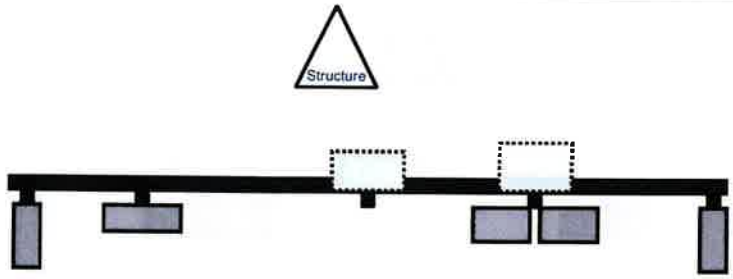


5 4 3 2 1

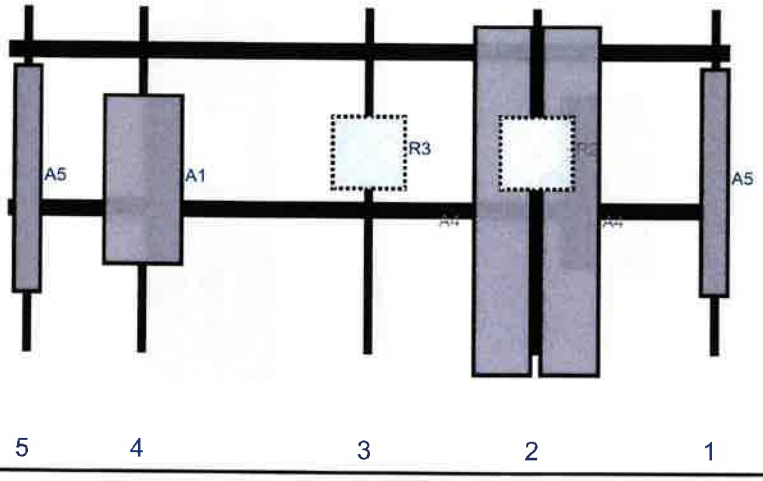
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A5	LPA-80080/4CF	47.2	5.5	147	1	a	Front	36	0	Retained	10/06/2022
A4	SBNHH-1D65B	72.6	11.9	110	2	a	Front	39.96	7	Retained	10/06/2022
A4	SBNHH-1D65B	72.6	11.9	110	2	b	Front	39.96	-7	Retained	10/06/2022
R2	B2/B66A RRH-BR049	15	15	110	2	a	Behind	30	0	Retained	10/06/2022
A7	KA-6030	10.6	3.2	110	2	b	Behind	60	4	Added	
A7	KA-6030	10.6	3.2	110	2	c	Behind	60	-4	Added	
R3	B5/B13 RRH-BR04C	15	15	75	3	a	Behind	30	0	Retained	10/06/2022
A1	MT6407-77A	35.1	16.1	28	4	a	Front	36	0	Retained	10/06/2022
A5	LPA-80080/4CF	47.2	5.5	4	5	a	Front	36	0	Retained	10/06/2022
OVP	RRFDC-6627-PF-48	29.5	16.5		Member					Retained	10/06/2022

Colliers Engineering & Design

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
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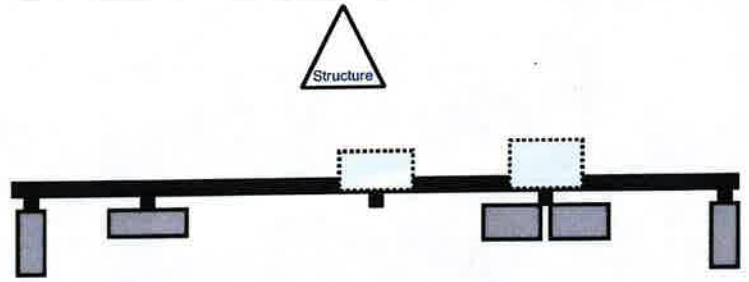
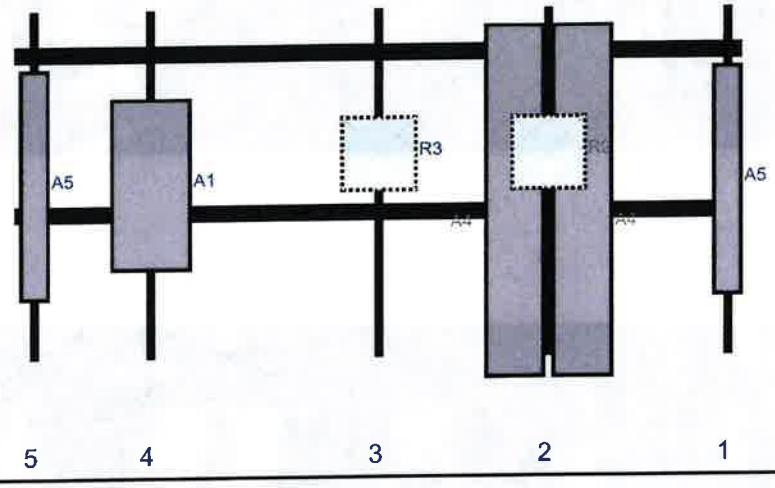
A4	SBNHH-1D65B	72.6	11.9	110	2	b	Front	39.96	-7	Retained	10/06/2022
R2	B2/B66A RRH-BR049	15	15	110	2	a	Behind	30	0	Retained	10/06/2022
R3	B5/B13 RRH-BR04C	15	15	75	3	a	Behind	30	0	Retained	10/06/2022
A1	MT6407-77A	35.1	16.1	28	4	a	Front	36	0	Retained	10/06/2022
A5	LPA-80080/4CF	47.2	5.5	4	5	a	Front	36	0	Retained	10/06/2022

Colliers Engineering & Design

Plan View



Front View - Looking at Structure



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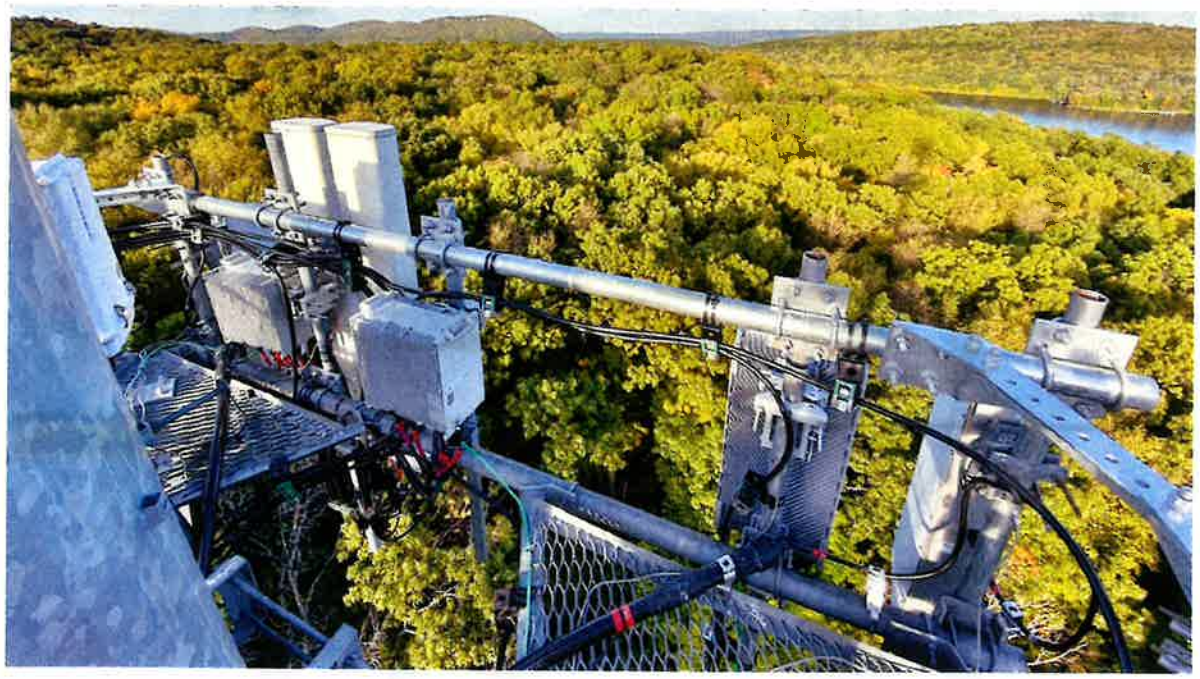
R3	B5/B13 RRH-BR04C	15	15	75	3	a	Behind	30	0	Retained	10/06/2022
A1	MT6407-77A	35.1	16.1	28	4	a	Front	36	0	Retained	10/06/2022
A5	LPA-80080/4CF	47.2	5.5	4	5	a	Front	36	0	Retained	10/06/2022

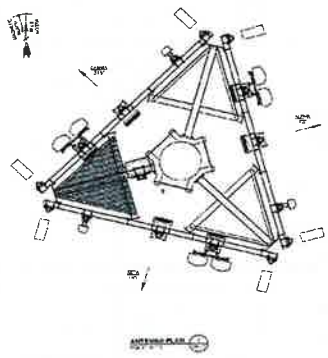


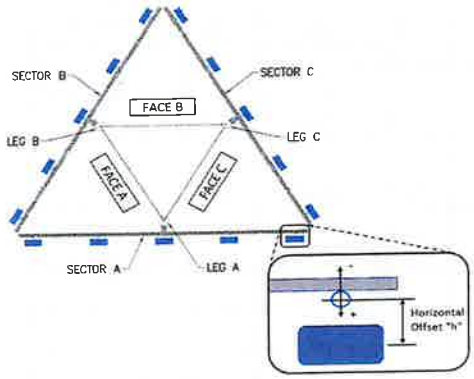
V3.0 Updated on 8-31-2020

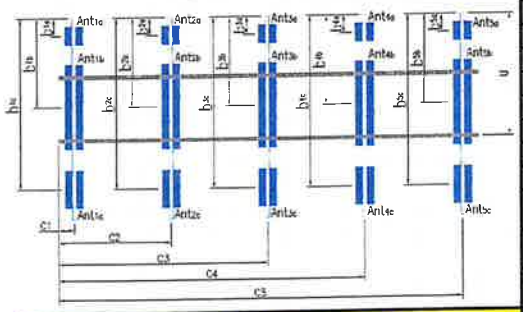
Antenna Mount Mapping Form (PATENT PENDING)

FCC #: 1265077

Tower Owner:	SBA	Mapping Date:	2/12/2021
Site Name:	Bogus Hill CT	Tower Type:	Monopole
Site Number or ID:	467279	Tower Height (Ft.):	150
Mapping Contractor:	Hudson Design Group LLC	Mount Elevation (Ft.):	119.8







Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "d"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "d"	Horizontal Offset "C1, C2, C3, etc."
A1	PIPE 2" STD. X 72" LONG	42.00	3.00	C1	PIPE 2" STD. X 72" LONG	42.00	3.00
A2	PIPE 2" STD. X 96" LONG	46.00	40.00	C2	PIPE 2" STD. X 96" LONG	46.00	40.00
A3	PIPE 2" STD. X 72" LONG	42.00	75.00	C3	PIPE 2" STD. X 72" LONG	42.00	75.00
A4	PIPE 2" STD. X 72" LONG	42.00	122.00	C4	PIPE 2" STD. X 72" LONG	42.00	122.00
A5	PIPE 2" STD. X 72" LONG	42.00	146.00	C5	PIPE 2" STD. X 72" LONG	42.00	146.00
A6				C6			
B1	PIPE 2" STD. X 72" LONG	42.00	3.00	D1			
B2	PIPE 2" STD. X 96" LONG	46.00	40.00	D2			
B3	PIPE 2" STD. X 72" LONG	42.00	75.00	D3			
B4	PIPE 2" STD. X 72" LONG	42.00	122.00	D4			
B5	PIPE 2" STD. X 72" LONG	42.00	146.00	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.) :

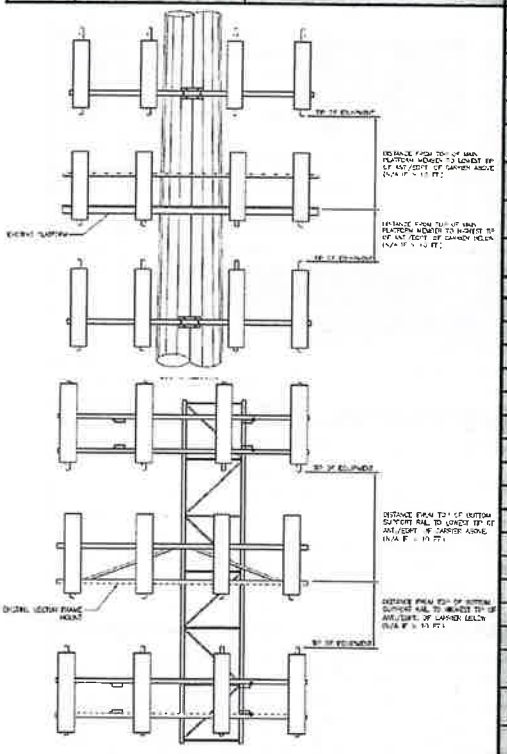
Please enter additional infomation or comments below.

Tower Face Width at Mount Elev. (ft.): | Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.): 28.5

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}	LPA-80080-4CF	14.00	6.00	48.00		120.3	36.00	14.00	75.00	9
Ant_{1c}										
Ant_{2a}	B66a RRH 4X45	12.00	7.00	25.50		122.592	12.50	-7.00		11
Ant_{2b}	(2) SBNHH-1D65B	12.00	7.00	73.00		120.633	36.00	9.00	75.00	10
Ant_{2c}										
Ant_{3a}	B13 RRH4X29	12.00	9.00	21.50		122.383	11.00	-7.00		12
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	BXA-171085-12CF	5.00	4.00	72.00		120.3	36.00	7.50	75.00	13
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	LPA-80080-4CF	14.00	6.00	48.00		120.3	36.00	14.00	75.00	14
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:	75.00	Deg	Leg A:		Deg
Sector B:	195.00	Deg	Leg B:		Deg
Sector C:	315.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information		
Location:	210.00 Deg	N/A
Climbing Facility	Corrosion Type:	Good condition.
	Access:	Climbing path was unobstructed.
	Condition:	Good condition.



Sector B											
Ant_{1a}											
Ant_{1b}	LPA-80080-4CF	14.00	6.00	48.00		120.3	36.00	14.00	195.00	9
Ant_{1c}										
Ant_{2a}	B66a RRH 4X45	12.00	7.00	25.50		122.592	12.50	-7.00		11
Ant_{2b}	(2) SBNHH-1D65B	12.00	7.00	73.00		120.633	36.00	9.00	195.00	10
Ant_{2c}										
Ant_{3a}	B13 RRH4X29	12.00	9.00	21.50		122.383	11.00	-7.00		12
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	BXA-171085-12CF	5.00	4.00	72.00		120.3	36.00	7.50	195.00	13
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	LPA-80080-4CF	14.00	6.00	48.00		120.3	36.00	14.00	195.00	14
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	LPA-80080-4CF	14.00	6.00	48.00		120.3	36.00	14.00	315.00	9
Ant_{1c}										
Ant_{2a}	B66a RRH 4X45	12.00	7.00	25.50		122.592	12.50	-7.00		11
Ant_{2b}	(2) SBNHH-1D65B	12.00	7.00	73.00		120.633	36.00	9.00	315.00	10
Ant_{2c}										
Ant_{3a}	B13 RRH4X29	12.00	9.00	21.50		122.383	11.00	-7.00		12
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	BXA-171085-12CF	5.00	4.00	72.00		120.3	36.00	7.50	315.00	13
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	LPA-80080-4CF	14.00	6.00	48.00		120.3	36.00	14.00	315.00	14
Ant_{5c}										
Ant on Standoff	RRFDC-6627-PF-48	15.00	10.00	28.00			42.00	6.00		55
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	(6) 1-5/8"Ø COAX, (2) 1-1/4"Ø HYBRID	20-22
3	TOWER INFO: MODEL/JOB#: 07-11088, TOWER HEIGHT: 130/150 FT. MONO, LOCATION: NEW FAIRFIELD, CT	1
4		
5		
6		
7		
8		

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

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

V3.0 Updated on 8-31-2020

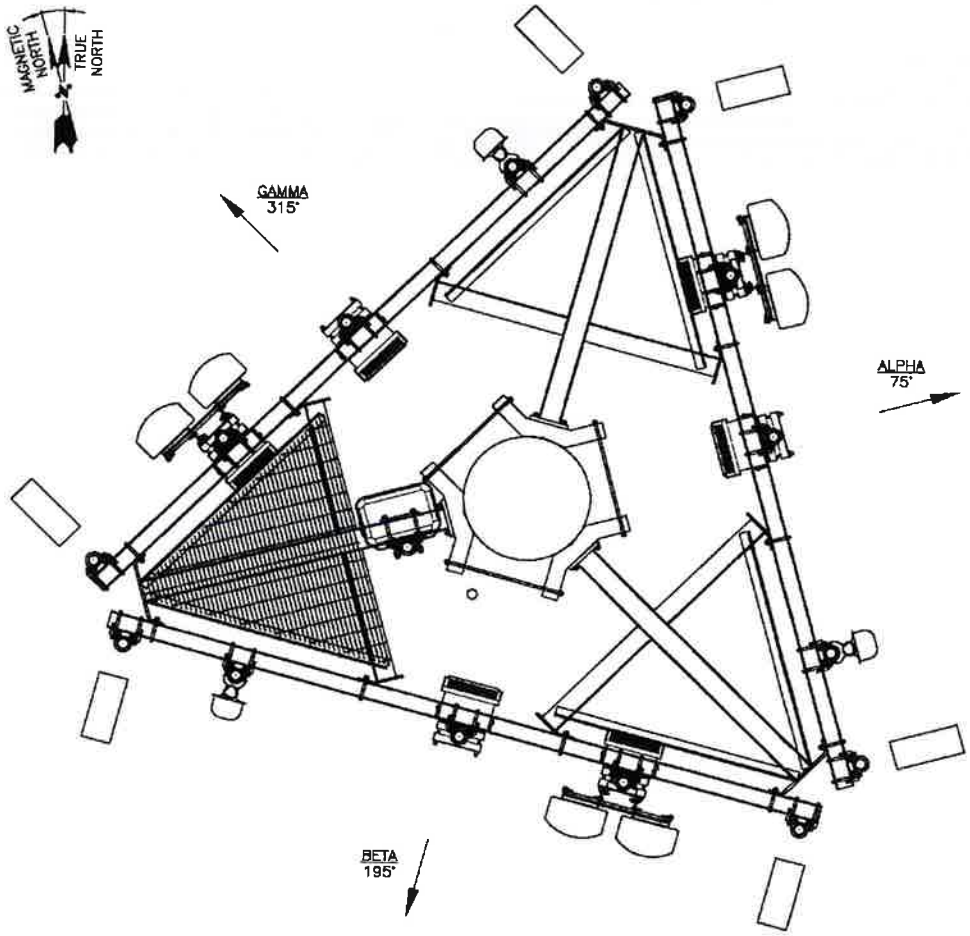
MASER CONSULTING P.A.

Antenna Mount Mapping Form (PATENT PENDING)

FCC # 1265077

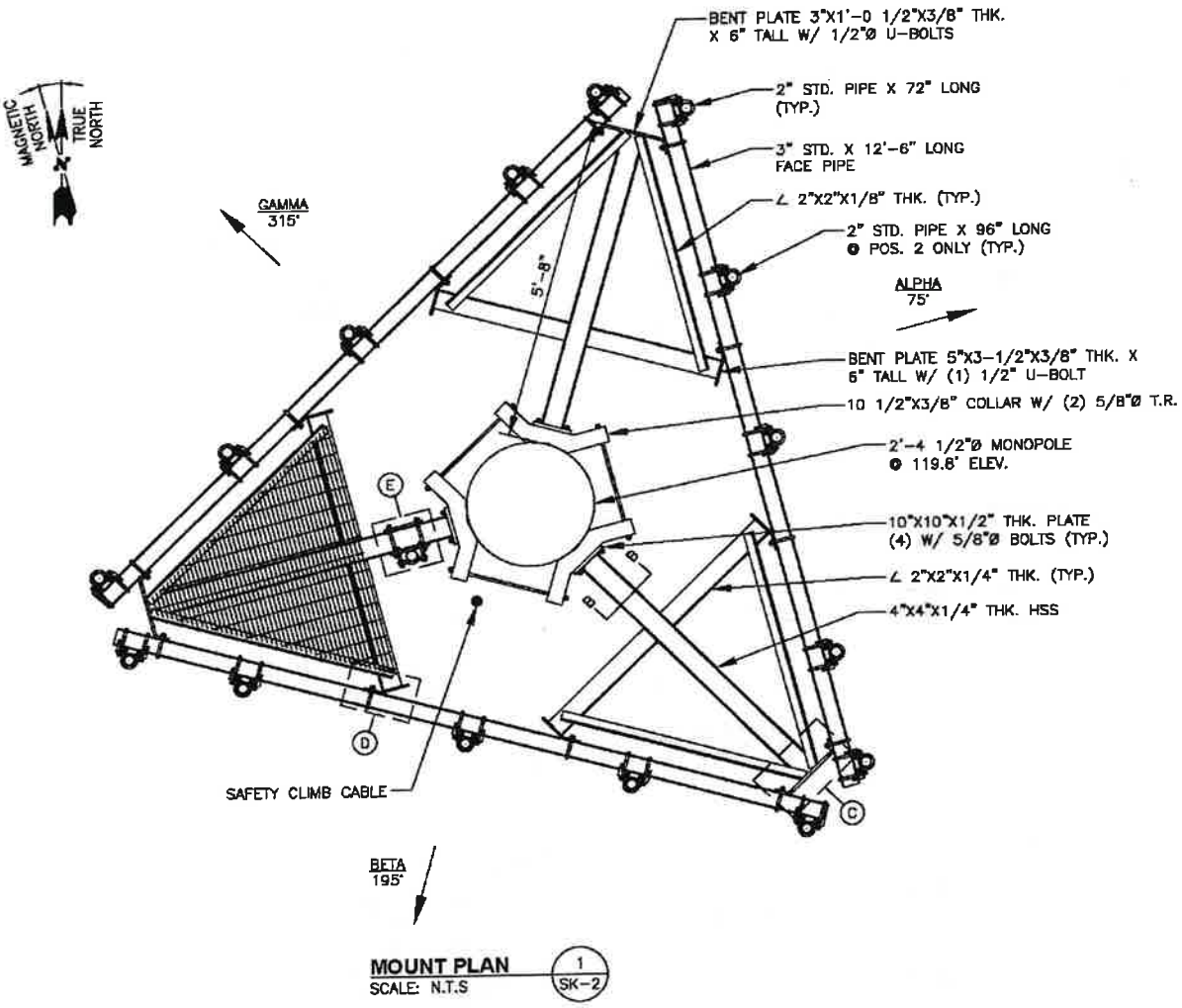
Tower Owner:	SBA	Mapping Date:	2/12/2021
Site Name:	Bogus Hill CT	Tower Type:	Monopole
Site Number or ID:	467279	Tower Height (Ft.):	150
Mapping Contractor:	Hudson Design Group LLC	Mount Elevation (Ft.):	119.8

Please Insert Sketches of the Antenna Mount



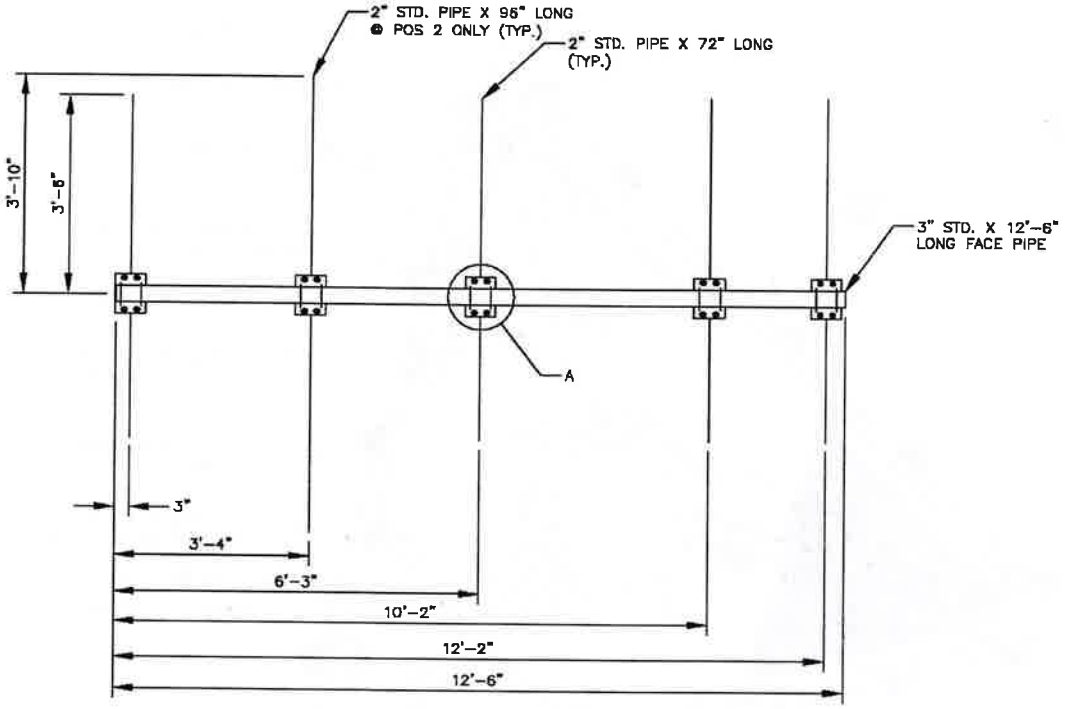
ANTENNA PLAN (1 / SK-1)
SCALE: N.T.S

Please Insert Sketches of the Antenna Mount, cont'd

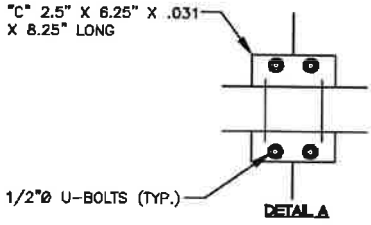


MOUNT PLAN (1 / SK-2)
SCALE: N.T.S

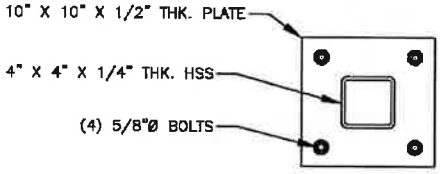
Please Insert Sketches of the Antenna Mount, cont'd



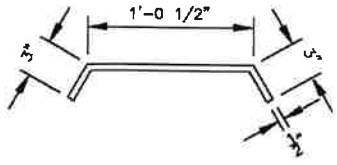
MOUNT ELEVATION (1 / SK-3)
SCALE: N.T.S



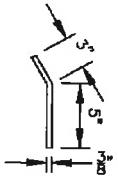
DETAIL A



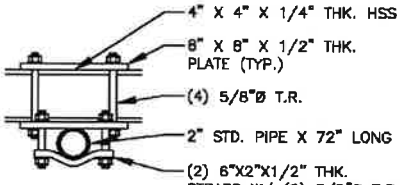
DETAIL B-B



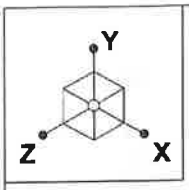
DETAIL C

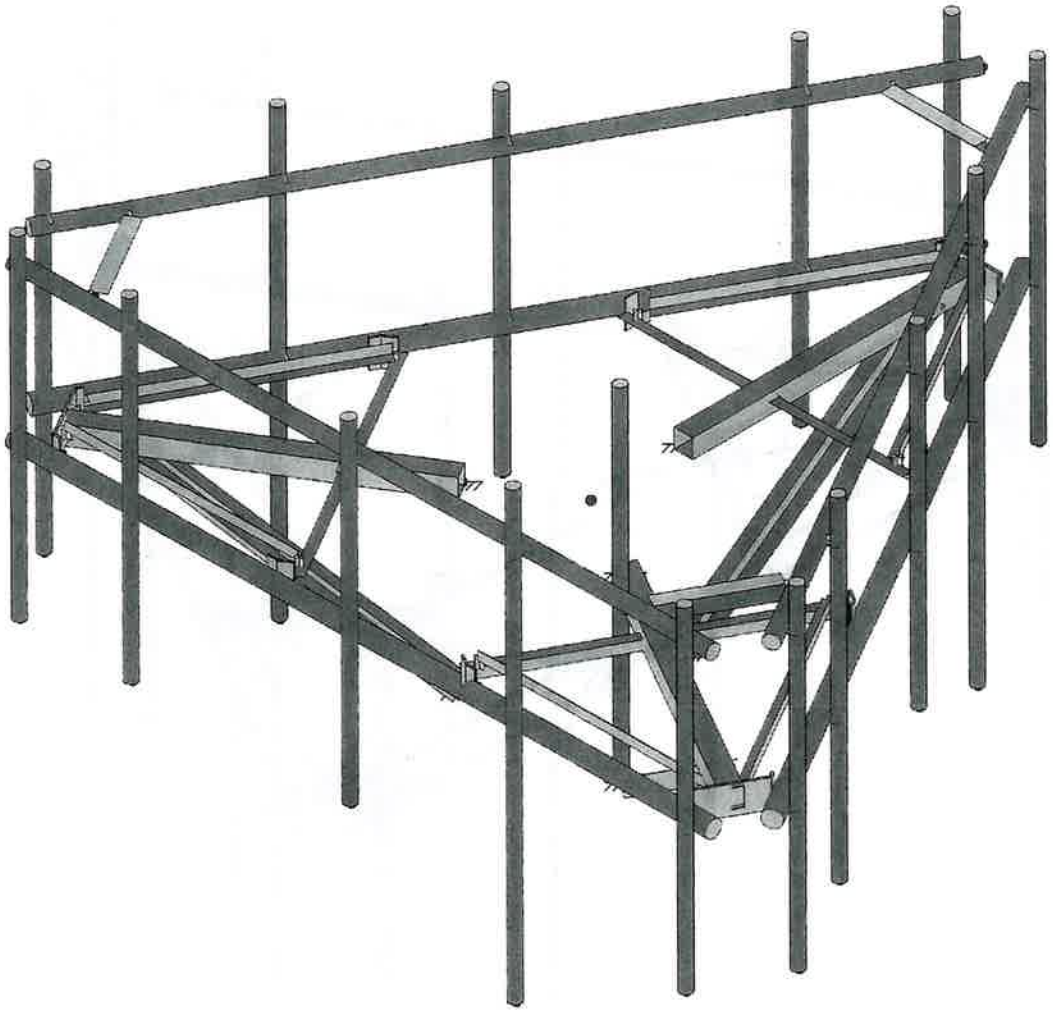


DETAIL D



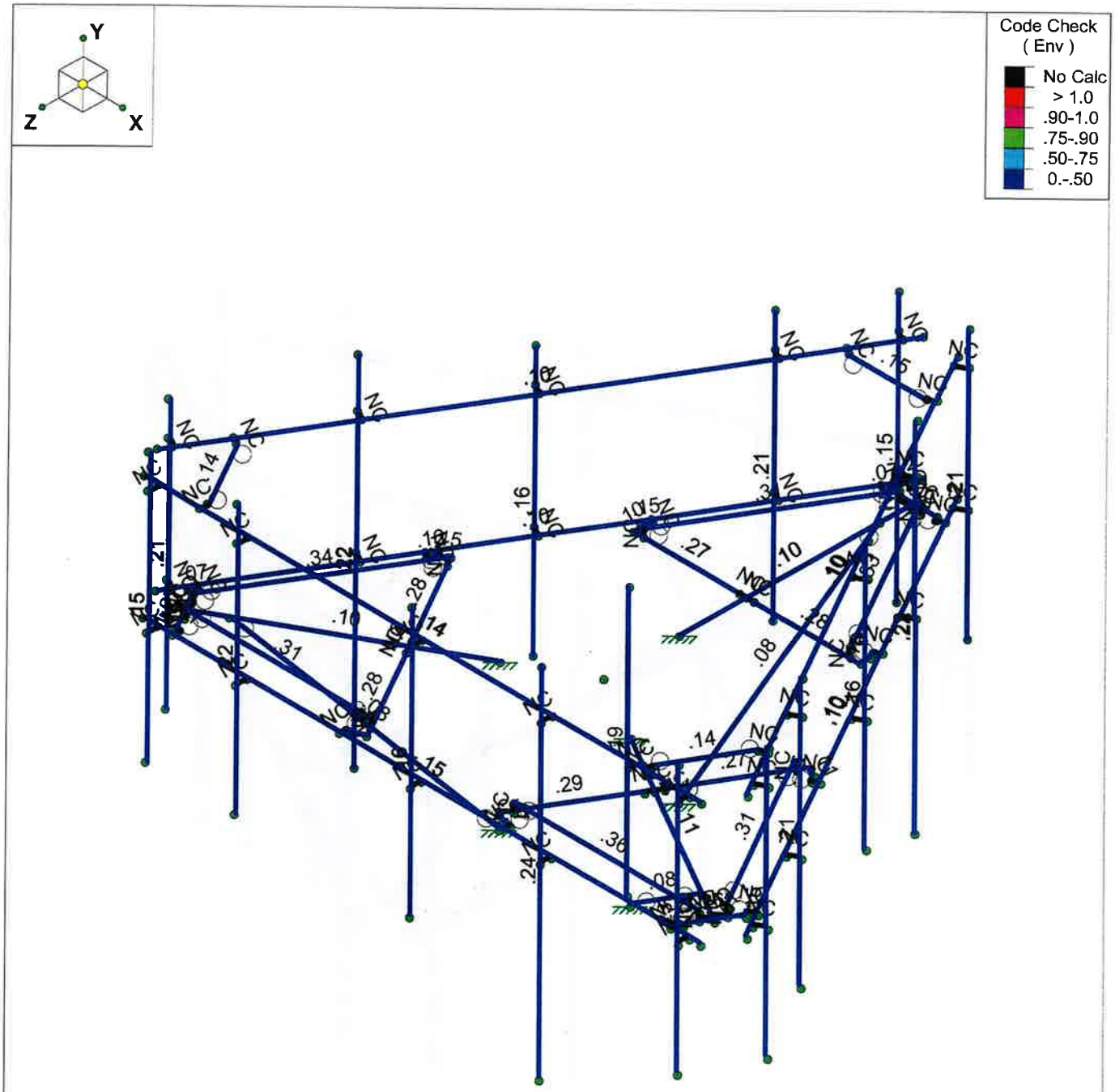
DETAIL E-E





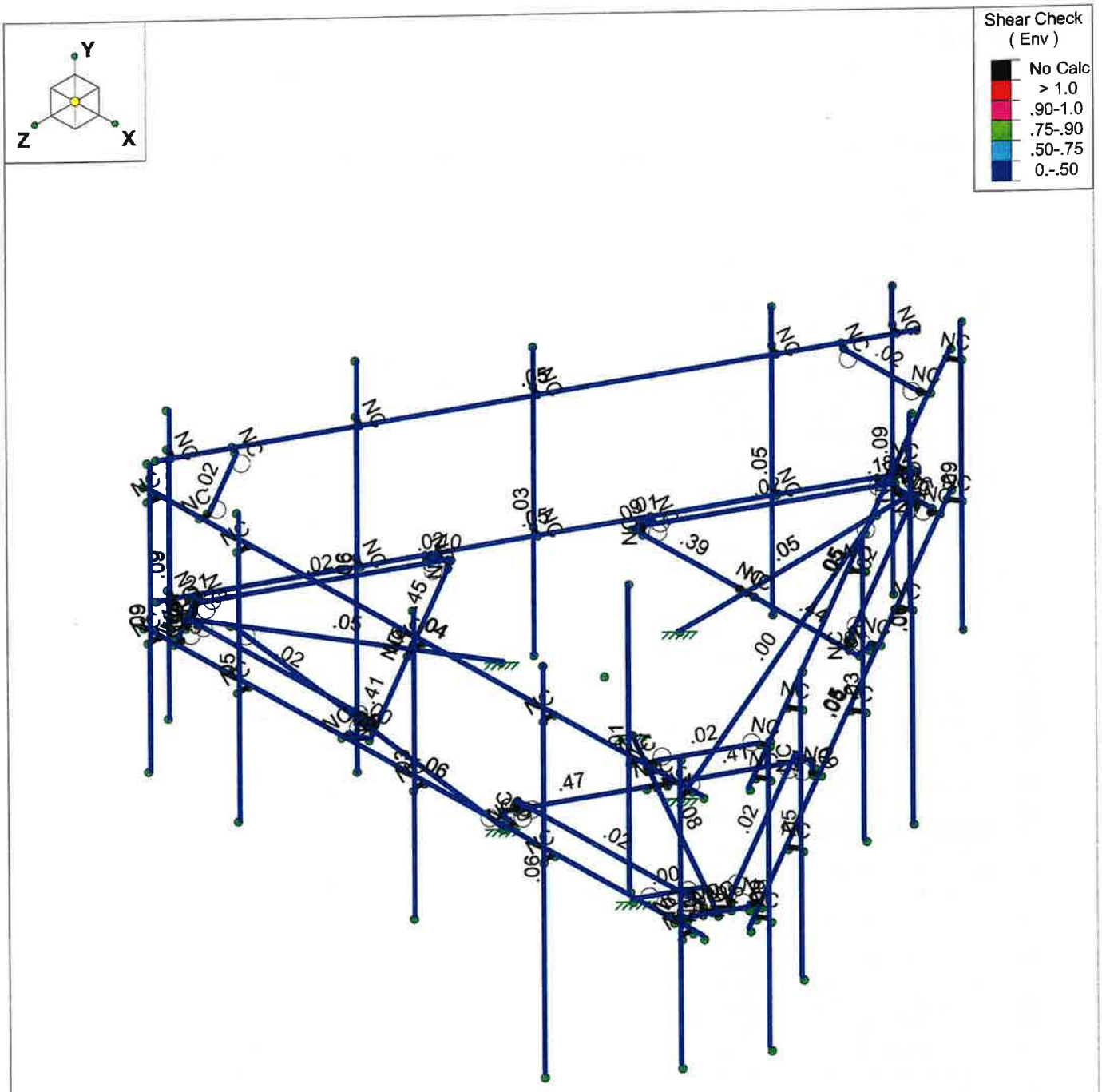
Envelope Only Solution

		SK - 1
		Aug 18, 2023 at 4:39 PM
		5000386456-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		Aug 18, 2023 at 4:40 PM
		5000386456-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		Aug 18, 2023 at 4:40 PM
		5000386456-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
1	Antenna D	None					123			
2	Antenna Di	None					123			
3	Antenna Wo (0 Deg)	None					123			
4	Antenna Wo (30 Deg)	None					123			
5	Antenna Wo (60 Deg)	None					123			
6	Antenna Wo (90 Deg)	None					123			
7	Antenna Wo (120 Deg)	None					123			
8	Antenna Wo (150 Deg)	None					123			
9	Antenna Wo (180 Deg)	None					123			
10	Antenna Wo (210 Deg)	None					123			
11	Antenna Wo (240 Deg)	None					123			
12	Antenna Wo (270 Deg)	None					123			
13	Antenna Wo (300 Deg)	None					123			
14	Antenna Wo (330 Deg)	None					123			
15	Antenna Wi (0 Deg)	None					123			
16	Antenna Wi (30 Deg)	None					123			
17	Antenna Wi (60 Deg)	None					123			
18	Antenna Wi (90 Deg)	None					123			
19	Antenna Wi (120 Deg)	None					123			
20	Antenna Wi (150 Deg)	None					123			
21	Antenna Wi (180 Deg)	None					123			
22	Antenna Wi (210 Deg)	None					123			
23	Antenna Wi (240 Deg)	None					123			
24	Antenna Wi (270 Deg)	None					123			
25	Antenna Wi (300 Deg)	None					123			
26	Antenna Wi (330 Deg)	None					123			
27	Antenna Wm (0 Deg)	None					123			
28	Antenna Wm (30 Deg)	None					123			
29	Antenna Wm (60 Deg)	None					123			
30	Antenna Wm (90 Deg)	None					123			
31	Antenna Wm (120 Deg)	None					123			
32	Antenna Wm (150 Deg)	None					123			
33	Antenna Wm (180 Deg)	None					123			
34	Antenna Wm (210 Deg)	None					123			
35	Antenna Wm (240 Deg)	None					123			
36	Antenna Wm (270 Deg)	None					123			
37	Antenna Wm (300 Deg)	None					123			
38	Antenna Wm (330 Deg)	None					123			
39	Structure D	None		-1					3	
40	Structure Di	None						64	3	
41	Structure Wo (0 Deg)	None						128		
42	Structure Wo (30 Deg)	None						128		
43	Structure Wo (60 Deg)	None						128		
44	Structure Wo (90 Deg)	None						128		
45	Structure Wo (120 Deg)	None						128		
46	Structure Wo (150 Deg)	None						128		
47	Structure Wo (180 Deg)	None						128		
48	Structure Wo (210 Deg)	None						128		
49	Structure Wo (240 Deg)	None						128		
50	Structure Wo (270 Deg)	None						128		
51	Structure Wo (300 Deg)	None						128		
52	Structure Wo (330 Deg)	None						128		
53	Structure Wi (0 Deg)	None						128		
54	Structure Wi (30 Deg)	None						128		
55	Structure Wi (60 Deg)	None						128		
56	Structure Wi (90 Deg)	None						128		
57	Structure Wi (120 Deg)	None						128		
58	Structure Wi (150 Deg)	None						128		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
59	Structure Wi (180 Deg)	None						128		
60	Structure Wi (210 Deg)	None						128		
61	Structure Wi (240 Deg)	None						128		
62	Structure Wi (270 Deg)	None						128		
63	Structure Wi (300 Deg)	None						128		
64	Structure Wi (330 Deg)	None						128		
65	Structure Wm (0 Deg)	None						128		
66	Structure Wm (30 Deg)	None						128		
67	Structure Wm (60 Deg)	None						128		
68	Structure Wm (90 Deg)	None						128		
69	Structure Wm (120 Deg)	None						128		
70	Structure Wm (150 Deg)	None						128		
71	Structure Wm (180 Deg)	None						128		
72	Structure Wm (210 Deg)	None						128		
73	Structure Wm (240 Deg)	None						128		
74	Structure Wm (270 Deg)	None						128		
75	Structure Wm (300 Deg)	None						128		
76	Structure Wm (330 Deg)	None						128		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					123			
82	Antenna Eh (0 Deg)	None					82			
83	Antenna Eh (90 Deg)	None					82			
84	Structure Ev	ELY		-.045					3	
85	Structure Eh (0 Deg)	ELZ			-.113				3	
86	Structure Eh (90 Deg)	ELX	.113						3	
87	BLC 39 Transient Area Loads	None						30		
88	BLC 40 Transient Area Loads	None						30		
89	BLC 84 Transient Area Loads	None						30		
90	BLC 85 Transient Area Loads	None						30		
91	BLC 86 Transient Area Loads	None						30		

Load Combinations

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1														
2	1.2D+1.0Wo (30 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1														
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1														
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1														
5	1.2D+1.0Wo (120 Deg)	Yes	Y		1	1.2	39	1.2	7	1	45	1														
6	1.2D+1.0Wo (150 Deg)	Yes	Y		1	1.2	39	1.2	8	1	46	1														
7	1.2D+1.0Wo (180 Deg)	Yes	Y		1	1.2	39	1.2	9	1	47	1														
8	1.2D+1.0Wo (210 Deg)	Yes	Y		1	1.2	39	1.2	10	1	48	1														
9	1.2D+1.0Wo (240 Deg)	Yes	Y		1	1.2	39	1.2	11	1	49	1														
10	1.2D+1.0Wo (270 Deg)	Yes	Y		1	1.2	39	1.2	12	1	50	1														
11	1.2D+1.0Wo (300 Deg)	Yes	Y		1	1.2	39	1.2	13	1	51	1														
12	1.2D+1.0Wo (330 Deg)	Yes	Y		1	1.2	39	1.2	14	1	52	1														
13	1.2D + 1.0Di + 1.0Wi (0 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1										
14	1.2D + 1.0Di + 1.0Wi (30 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1										
15	1.2D + 1.0Di + 1.0Wi (60 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1										
16	1.2D + 1.0Di + 1.0Wi (90 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1										
17	1.2D + 1.0Di + 1.0Wi (120 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1										
18	1.2D + 1.0Di + 1.0Wi (150 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1										
19	1.2D + 1.0Di + 1.0Wi (180 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1										
20	1.2D + 1.0Di + 1.0Wi (210 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1										
21	1.2D + 1.0Di + 1.0Wi (240 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1										

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
22	1.2D + 1.0Di + 1.0Wi (270 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi (300 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi (330 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0Wm (0...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0Wm (3...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0Wm (6...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0Wm (9...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0Wm (1...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0Wm (1...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0Wm (1...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0Wm (2...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0Wm (2...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0Wm (2...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0Wm (3...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm (3...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0Wm (0...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm (3...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm (6...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm (9...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm (1...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm (1...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm (1...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (2...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm (2...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (2...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm (3...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (3...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0Eh (0 De...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	1	83		ELZ	1	E...					
53	1.2D + 1.0Ev + 1.0Eh (30 D...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	.5	ELZ	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0Eh (60 D...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	.866	ELZ	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0Eh (90 D...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	1	ELZ		E...	1				
56	1.2D + 1.0Ev + 1.0Eh (120 ...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	.866	ELZ	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0Eh (150 ...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.866	83	.5	ELZ	-.866	E...	.5				
58	1.2D + 1.0Ev + 1.0Eh (180 ...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-1	83		ELZ	-1	E...					
59	1.2D + 1.0Ev + 1.0Eh (210 ...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.866	83	-.5	ELZ	-.866	E...	-.5				
60	1.2D + 1.0Ev + 1.0Eh (240 ...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	-.866	ELZ	-.5	E...	-.866				
61	1.2D + 1.0Ev + 1.0Eh (270 ...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	-1	ELZ		E...	-1				
62	1.2D + 1.0Ev + 1.0Eh (300 ...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	-.866	ELZ	.5	E...	-.866				
63	1.2D + 1.0Ev + 1.0Eh (330 ...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	-.5	ELZ	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0Eh (0 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	1	83		ELZ	1	E...					
65	0.9D - 1.0Ev + 1.0Eh (30 D...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	.5	ELZ	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0Eh (60 D...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	.866	ELZ	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0Eh (90 D...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	1	ELZ		E...	1				
68	0.9D - 1.0Ev + 1.0Eh (120 ...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	.866	ELZ	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0Eh (150 ...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.866	83	.5	ELZ	-.866	E...	.5				
70	0.9D - 1.0Ev + 1.0Eh (180 ...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-1	83		ELZ	-1	E...					
71	0.9D - 1.0Ev + 1.0Eh (210 ...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.866	83	-.5	ELZ	-.866	E...	-.5				
72	0.9D - 1.0Ev + 1.0Eh (240 ...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	-.866	ELZ	-.5	E...	-.866				
73	0.9D - 1.0Ev + 1.0Eh (270 ...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	-1	ELZ		E...	-1				
74	0.9D - 1.0Ev + 1.0Eh (300 ...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	-.866	ELZ	.5	E...	-.866				
75	0.9D - 1.0Ev + 1.0Eh (330 ...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	-.5	ELZ	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	6.25	0	4.050123	0	
2	N2	-6.25	0	4.050123	0	
3	N3	0	0	-1.687533	0	
4	N5	-2.541667	0	-3.187533	0	
5	N6	2.315104	0.166667	-3.187533	0	
6	N7	-2.315104	0.166667	-3.187533	0	
7	N8	5.999667	0	4.050123	0	
8	N9	5.999667	0	4.300123	0	
9	N10	-3.917	0	4.050123	0	
10	N11	-3.917	0	4.300123	0	
11	N12	2.916333	0	4.050123	0	
12	N13	2.916333	0	4.300123	0	
13	N14	0	0	4.050123	0	
14	N15	0	0	4.300123	0	
15	N16	0	-2.5	4.300123	0	
16	N17	0	3.5	4.300123	0	
17	N18	-3.917	-2.5	4.300123	0	
18	N19	-3.917	3.5	4.300123	0	
19	N20	2.916333	-4.167	4.300123	0	
20	N21	2.916333	3.833	4.300123	0	
21	N22	5.999667	-2.5	4.300123	0	
22	N23	5.999667	3.5	4.300123	0	
23	N24	0	0	-3.187533	0	
24	N27	0	0	-6.875033	0	
25	CP	0	0	0	0	
26	N29	2.315104	0	-3.187533	0	
27	N30	-2.315104	0	-3.187533	0	
28	N101	2.541667	0	-3.187533	0	
29	N102	-0.166667	0	-3.187533	0	
30	N103A	0.166667	0	-3.187533	0	
31	N104A	-2.541667	0	-3.406283	0	
32	N105	2.541667	0	-3.406283	0	
33	N131	2.458333	0	-3.550621	0	
34	N135	0.571615	0	-6.778057	0	
35	N144	-2.458333	0	-3.550621	0	
36	N148	-0.571615	0	-6.778057	0	
37	N86A	2.584629	0	-3.623538	0	
38	N86B	-2.584629	0	-3.623538	0	
39	N86C	-0.515625	0	-6.875033	0	
40	N87A	0.515625	0	-6.875033	0	
41	N86D	0.715429	0	-6.861088	0	
42	N86E	-0.715429	0	-6.861088	0	
43	N88A	0	0	-6.7917	0	
44	N87C	0.234238	0.166667	-6.7917	0	
45	N86G	0.234238	0	-6.7917	0	
46	N87B	-0.234238	0.166667	-6.7917	0	
47	N88C	-0.234238	0	-6.7917	0	
48	N52	-1.461447	0	0.843767	0	
49	N53	-1.489652	0	3.794915	0	
50	N54	-3.918037	0.166667	-0.411172	0	
51	N55	-1.602933	0.166667	3.598706	0	
52	N56	-2.760485	0	1.593767	0	
53	N57	-5.953954	0	3.437517	0	
54	N59	-3.918037	0	-0.411172	0	
55	N60	-1.602933	0	3.598706	0	
56	N61	-4.031318	0	-0.607381	0	
57	N62	-2.677152	0	1.738104	0	
58	N63	-2.843818	0	1.449429	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
59	N64	-1.679095	0	3.90429	0	
60	N65	-4.220761	0	-0.498006	0	
61	N66	-4.304095	0	-0.353669	0	
62	N67	-6.155776	0	2.893996	0	
63	N68	-1.845761	0	3.90429	0	
64	N69	-5.584162	0	3.884061	0	
65	N70	-4.43039	0	-0.426585	0	
66	N71	-1.845761	0	4.050123	0	
67	N72	-5.696141	0	3.884061	0	
68	N73	-6.211766	0	2.990972	0	
69	N74	-6.299591	0	2.810964	0	
70	N75	-5.584162	0	4.050123	0	
71	N76	-5.881785	0	3.39585	0	
72	N77	-5.998904	0.166667	3.192994	0	
73	N78	-5.998904	0	3.192994	0	
74	N79	-5.764666	0.166667	3.598706	0	
75	N80	-5.764666	0	3.598706	0	
76	N81	1.461447	0	0.843767	0	
77	N82	4.031318	0	-0.607381	0	
78	N83	1.602933	0.166667	3.598706	0	
79	N84	3.918037	0.166667	-0.411172	0	
80	N85	2.760485	0	1.593767	0	
81	N86	5.953954	0	3.437517	0	
82	N88	1.602933	0	3.598706	0	
83	N89	3.918037	0	-0.411172	0	
84	N90	1.489652	0	3.794915	0	
85	N91	2.843818	0	1.449429	0	
86	N92	2.677152	0	1.738104	0	
87	N93	4.220761	0	-0.498006	0	
88	N94	1.679095	0	3.90429	0	
89	N95	1.845761	0	3.90429	0	
90	N96	5.584162	0	3.884061	0	
91	N97	4.304095	0	-0.353669	0	
92	N98	6.155776	0	2.893996	0	
93	N99	1.845761	0	4.050123	0	
94	N100	4.43039	0	-0.426586	0	
95	N101A	6.211766	0	2.990972	0	
96	N102A	5.696141	0	3.884061	0	
97	N103	5.584162	0	4.050123	0	
98	N104	6.299591	0	2.810964	0	
99	N105A	5.881785	0	3.39585	0	
100	N106	5.764666	0.166667	3.598706	0	
101	N107	5.764666	0	3.598706	0	
102	N108	5.998904	0.166667	3.192994	0	
103	N109	5.998904	0	3.192994	0	
104	N104B	0.38251	0	-7.43772	0	
105	N105B	6.63251	0	3.387597	0	
106	N107A	-6.63251	0	3.387597	0	
107	N108A	-0.38251	0	-7.43772	0	
108	N108B	-5.917	0	4.050123	0	
109	N109A	-5.917	0	4.300123	0	
110	N110	-5.917	-2.5	4.300123	0	
111	N111	-5.917	3.5	4.300123	0	
112	N112	0.507676	0	-7.220925	0	
113	N113	0.724183	0	-7.345925	0	
114	N114	5.46601	0	1.36716	0	
115	N115	5.682516	0	1.24216	0	
116	N116	2.049343	0	-4.55068	0	
117	N117	2.265849	0	-4.67568	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
118	N118	3.50751	0	-2.025062	0	
119	N119	3.724016	0	-2.150062	0	
120	N120	3.724016	-2.5	-2.150062	0	
121	N121	3.724016	3.5	-2.150062	0	
122	N122	5.682516	-2.5	1.24216	0	
123	N123	5.682516	3.5	1.24216	0	
124	N124	2.265849	-4.167	-4.67568	0	
125	N125	2.265849	3.833	-4.67568	0	
126	N126	0.724183	-2.5	-7.345925	0	
127	N127	0.724183	3.5	-7.345925	0	
128	N129	6.46601	0	3.099211	0	
129	N130	6.682516	0	2.974211	0	
130	N131A	6.682516	-2.5	2.974211	0	
131	N132	6.682516	3.5	2.974211	0	
132	N133	-6.507343	0	3.170802	0	
133	N134	-6.723849	0	3.045802	0	
134	N135A	-1.54901	0	-5.417283	0	
135	N136	-1.765516	0	-5.542283	0	
136	N137	-4.965676	0	0.500557	0	
137	N138	-5.182183	0	0.375557	0	
138	N139	-3.50751	0	-2.025062	0	
139	N140	-3.724016	0	-2.150062	0	
140	N141	-3.724016	-2.5	-2.150062	0	
141	N142	-3.724016	3.5	-2.150062	0	
142	N143	-1.765516	-2.5	-5.542283	0	
143	N144A	-1.765516	3.5	-5.542283	0	
144	N145	-5.182183	-4.167	0.375557	0	
145	N146	-5.182183	3.833	0.375557	0	
146	N147	-6.723849	-2.5	3.045802	0	
147	N148A	-6.723849	3.5	3.045802	0	
148	N150	-0.54901	0	-7.149334	0	
149	N151	-0.765516	0	-7.274334	0	
150	N152	-0.765516	-2.5	-7.274334	0	
151	N153	-0.765516	3.5	-7.274334	0	
152	N152A	2.110966	0	1.218767	0	
153	N153A	1.985966	0	1.435273	0	
154	N154	1.985966	3.5	1.435273	0	
155	N155	1.985966	-2.5	1.435273	0	
156	N156	-6.63251	2.75	3.387597	0	
157	N157	-0.38251	2.75	-7.43772	0	
158	N158	-6.507343	2.75	3.170802	0	
159	N159	-6.723849	2.75	3.045802	0	
160	N160	-1.54901	2.75	-5.417283	0	
161	N161	-1.765516	2.75	-5.542283	0	
162	N162	-4.965676	2.75	0.500557	0	
163	N163	-5.182183	2.75	0.375557	0	
164	N164	-3.50751	2.75	-2.025062	0	
165	N165	-3.724016	2.75	-2.150062	0	
166	N166	-0.54901	2.75	-7.149334	0	
167	N167	-0.765516	2.75	-7.274334	0	
168	N169	6.25	2.75	4.050123	0	
169	N170	-6.25	2.75	4.050123	0	
170	N171	5.999667	2.75	4.050123	0	
171	N172	5.999667	2.75	4.300123	0	
172	N173	-3.917	2.75	4.050123	0	
173	N174	-3.917	2.75	4.300123	0	
174	N175	2.916333	2.75	4.050123	0	
175	N176	2.916333	2.75	4.300123	0	
176	N177	0.	2.75	4.050123	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
177	N178	0.	2.75	4.300123	0	
178	N179	-5.917	2.75	4.050123	0	
179	N180	-5.917	2.75	4.300123	0	
180	N182	0.38251	2.75	-7.43772	0	
181	N183	6.63251	2.75	3.387597	0	
182	N184	0.507676	2.75	-7.220925	0	
183	N185	0.724183	2.75	-7.345925	0	
184	N186	5.46601	2.75	1.36716	0	
185	N187	5.682516	2.75	1.24216	0	
186	N188	2.049343	2.75	-4.55068	0	
187	N189	2.265849	2.75	-4.67568	0	
188	N190	3.50751	2.75	-2.025062	0	
189	N191	3.724016	2.75	-2.150062	0	
190	N192	6.46601	2.75	3.099211	0	
191	N193	6.682516	2.75	2.974211	0	
192	N192A	-5	2.75	4.050123	0	
193	N193A	5	2.75	4.050123	0	
194	N194	-5	2.75	3.883123	0	
195	N195	5	2.75	3.883123	0	
196	N197	6.00751	2.75	2.305065	0	
197	N198	1.00751	2.75	-6.355189	0	
198	N199	5.862883	2.75	2.388565	0	
199	N200	0.862883	2.75	-6.271689	0	
200	N202	-1.00751	2.75	-6.355189	0	
201	N203	-6.00751	2.75	2.305065	0	
202	N204	-0.862883	2.75	-6.271689	0	
203	N205	-5.862883	2.75	2.388565	0	
204	N204A	0	-3.25	-1.687533	0	
205	N205A	0	0	-6.125033	0	
206	N207	-1.461447	-3.25	0.843767	0	
207	N208	-5.304434	0	3.062517	0	
208	N210	1.461447	-3.25	0.843767	0	
209	N211	5.304434	0	3.062517	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizon...	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Hori...	HSS4X4X4	Beam	SquareTube	A500 Gr...	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Cro...	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
5	Grating Supp...	L2x2x2	Beam	Single Angle	A36 Gr.36	Typical	.491	.189	.189	.003
6	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Pl...	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Mod Support ...	PIPE 2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Support Rail ...	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
10	Mod Kicker	LL3x3x3x6	Column	Single Angle	A36 Gr.36	Typical	2.18	4.97	1.9	.027

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

Hot Rolled Steel Properties (Continued)

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E..	Density[k/ft...	Yield[ksi]	Ry	Fu[ksi]	Rt
8	Q235	29000	11154	.3	.65	.49	35	1.5	58	1.2

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N2	N1			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M10	N101	N103A		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
4	M19	N8	N9			RIGID	None	None	RIGID	Typical
5	M20	N10	N11			RIGID	None	None	RIGID	Typical
6	M21	N12	N13			RIGID	None	None	RIGID	Typical
7	M22	N14	N15			RIGID	None	None	RIGID	Typical
8	MP3A	N17	N16			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
9	MP4A	N19	N18			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
10	MP2A	N21	N20			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
11	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
12	M43	N102	N5		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
13	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
14	M35A	N7	N30			RIGID	None	None	RIGID	Typical
15	M36A	N6	N29			RIGID	None	None	RIGID	Typical
16	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
17	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
18	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
19	M58	N102	N24			RIGID	None	None	RIGID	Typical
20	M59	N24	N103A			RIGID	None	None	RIGID	Typical
21	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
22	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
23	M79	N131	N86A			RIGID	None	None	RIGID	Typical
24	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
25	M83	N135	N86D			RIGID	None	None	RIGID	Typical
26	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
27	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
28	M88	N144	N86B			RIGID	None	None	RIGID	Typical
29	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
30	M92	N148	N86E			RIGID	None	None	RIGID	Typical
31	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
32	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
33	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
34	M34	N52	N57			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
35	M35	N61	N63		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
36	M36	N62	N53		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
37	M37	N72	N73			Corner Plate	Beam	BAR	A36 Gr.36	Typical
38	M38	N55	N60			RIGID	None	None	RIGID	Typical
39	M39	N54	N59			RIGID	None	None	RIGID	Typical
40	M40	N77	N54			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
41	M41	N55	N79			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
42	M42	N79	N80			RIGID	None	None	RIGID	Typical
43	M43A	N62	N56			RIGID	None	None	RIGID	Typical
44	M44	N56	N63			RIGID	None	None	RIGID	Typical
45	M45	N61	N65			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
46	M46A	N65	N66			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
47	M47	N66	N70			RIGID	None	None	RIGID	Typical
48	M48	N73	N67			Corner Plate	Beam	BAR	A36 Gr.36	Typical
49	M49	N67	N74			RIGID	None	None	RIGID	Typical
50	M50A	N53	N64			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
51	M51C	N64	N68			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
52	M52A	N68	N71			RIGID	None	None	RIGID	Typical
53	M53	N72	N69			Corner Plate	Beam	BAR	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
54	M54	N69	N75			RIGID	None	None	RIGID	Typical
55	M55	N80	N76			RIGID	None	None	RIGID	Typical
56	M56	N76	N78			RIGID	None	None	RIGID	Typical
57	M57	N77	N78			RIGID	None	None	RIGID	Typical
58	M58A	N81	N86			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
59	M59A	N90	N92		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
60	M60	N91	N82		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
61	M61	N101A	N102A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
62	M62	N84	N89			RIGID	None	None	RIGID	Typical
63	M63	N83	N88			RIGID	None	None	RIGID	Typical
64	M64	N106	N83			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
65	M65	N84	N108			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
66	M66	N108	N109			RIGID	None	None	RIGID	Typical
67	M67	N91	N85			RIGID	None	None	RIGID	Typical
68	M68	N85	N92			RIGID	None	None	RIGID	Typical
69	M69	N90	N94			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
70	M70	N94	N95			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
71	M71	N95	N99			RIGID	None	None	RIGID	Typical
72	M72	N102A	N96			Corner Plate	Beam	BAR	A36 Gr.36	Typical
73	M73	N96	N103			RIGID	None	None	RIGID	Typical
74	M74	N82	N93			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
75	M75	N93	N97			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
76	M76A	N97	N100			RIGID	None	None	RIGID	Typical
77	M77A	N101A	N98			Corner Plate	Beam	BAR	A36 Gr.36	Typical
78	M78	N98	N104			RIGID	None	None	RIGID	Typical
79	M79A	N109	N105A			RIGID	None	None	RIGID	Typical
80	M80A	N105A	N107			RIGID	None	None	RIGID	Typical
81	M81	N106	N107			RIGID	None	None	RIGID	Typical
82	M82	N104B	N105B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
83	M83A	N107A	N108A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
84	M84A	N108B	N109A			RIGID	None	None	RIGID	Typical
85	MP5A	N111	N110			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
86	M86	N112	N113			RIGID	None	None	RIGID	Typical
87	M87	N114	N115			RIGID	None	None	RIGID	Typical
88	M88A	N116	N117			RIGID	None	None	RIGID	Typical
89	M89	N118	N119			RIGID	None	None	RIGID	Typical
90	MP3C	N121	N120			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	MP4C	N123	N122			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	MP2C	N125	N124			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
93	MP1C	N127	N126			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	M94	N129	N130			RIGID	None	None	RIGID	Typical
95	MP5C	N132	N131A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
96	M96	N133	N134			RIGID	None	None	RIGID	Typical
97	M97	N135A	N136			RIGID	None	None	RIGID	Typical
98	M98	N137	N138			RIGID	None	None	RIGID	Typical
99	M99	N139	N140			RIGID	None	None	RIGID	Typical
100	MP3B	N142	N141			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
101	MP4B	N144A	N143			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	MP2B	N146	N145			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
103	MP1B	N148A	N147			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
104	M104	N150	N151			RIGID	None	None	RIGID	Typical
105	MP5B	N153	N152			Mount Pipe	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 Support ...	Beam	Pipe	A53 Gr.B	Typical
109	M109	N158	N159			RIGID	None	None	RIGID	Typical
110	M110	N160	N161			RIGID	None	None	RIGID	Typical
111	M111	N162	N163			RIGID	None	None	RIGID	Typical
112	M112	N164	N165			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
113	M113	N166	N167			RIGID	None	None	RIGID	Typical
114	M114	N169	N170			Mod Support ...	Beam	Pipe	A53 Gr.B	Typical
115	M115	N171	N172			RIGID	None	None	RIGID	Typical
116	M116	N173	N174			RIGID	None	None	RIGID	Typical
117	M117	N175	N176			RIGID	None	None	RIGID	Typical
118	M118	N177	N178			RIGID	None	None	RIGID	Typical
119	M119	N179	N180			RIGID	None	None	RIGID	Typical
120	M120	N182	N183			Mod Support ...	Beam	Pipe	A53 Gr.B	Typical
121	M121	N184	N185			RIGID	None	None	RIGID	Typical
122	M122	N186	N187			RIGID	None	None	RIGID	Typical
123	M123	N188	N189			RIGID	None	None	RIGID	Typical
124	M124	N190	N191			RIGID	None	None	RIGID	Typical
125	M125	N192	N193			RIGID	None	None	RIGID	Typical
126	M126	N195	N193A			RIGID	None	None	RIGID	Typical
127	M127	N194	N192A			RIGID	None	None	RIGID	Typical
128	M128	N200	N198			RIGID	None	None	RIGID	Typical
129	M129	N199	N197			RIGID	None	None	RIGID	Typical
130	M130	N205	N203			RIGID	None	None	RIGID	Typical
131	M131	N204	N202			RIGID	None	None	RIGID	Typical
132	M132	N194	N205		90	Support Rail C..	Beam	Single Angle	A36 Gr.36	Typical
133	M133	N199	N195		90	Support Rail C..	Beam	Single Angle	A36 Gr.36	Typical
134	M134	N204	N200		90	Support Rail C..	Beam	Single Angle	A36 Gr.36	Typical
135	M135	N205A	N204A			Mod Kicker	Column	Single Angle	A36 Gr.36	Typical
136	M136	N208	N207			Mod Kicker	Column	Single Angle	A36 Gr.36	Typical
137	M137	N211	N210			Mod Kicker	Column	Single Angle	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic...
1	M1						Yes	Default			None
2	M4						Yes				None
3	M10						Yes	Default			None
4	M19						Yes	** NA **			None
5	M20						Yes	** NA **			None
6	M21						Yes	** NA **			None
7	M22						Yes	** NA **			None
8	MP3A						Yes	** NA **			None
9	MP4A						Yes	** NA **			None
10	MP2A						Yes	** NA **			None
11	MP1A						Yes	** NA **			None
12	M43						Yes	Default			None
13	M46						Yes	Default			None
14	M35A						Yes	** NA **			None
15	M36A						Yes	** NA **			None
16	M51B	OOOOOX	OOOOOX				Yes	Default			None
17	M52B	OOOOOX	OOOOOX				Yes	Default			None
18	M52						Yes	** NA **			None
19	M58						Yes	** NA **			None
20	M59						Yes	** NA **			None
21	M76						Yes	** NA **			None
22	M77						Yes	** NA **			None
23	M79		BenPIN				Yes				None
24	M80						Yes	** NA **			None
25	M83		BenPIN				Yes	** NA **			None
26	M84						Yes	** NA **			None
27	M85						Yes	** NA **			None
28	M88		BenPIN				Yes				None
29	M91						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
30	M92		BenPIN				Yes	** NA **			None
31	M50						Yes	** NA **			None
32	M51						Yes	** NA **			None
33	M51A						Yes	** NA **			None
34	M34						Yes				None
35	M35						Yes	Default			None
36	M36						Yes	Default			None
37	M37						Yes	Default			None
38	M38						Yes	** NA **			None
39	M39						Yes	** NA **			None
40	M40	OOOOOX	OOOOOX				Yes	Default			None
41	M41	OOOOOX	OOOOOX				Yes	Default			None
42	M42						Yes	** NA **			None
43	M43A						Yes	** NA **			None
44	M44						Yes	** NA **			None
45	M45						Yes	** NA **			None
46	M46A						Yes	** NA **			None
47	M47		BenPIN				Yes	** NA **			None
48	M48						Yes				None
49	M49		BenPIN				Yes	** NA **			None
50	M50A						Yes	** NA **			None
51	M51C						Yes	** NA **			None
52	M52A		BenPIN				Yes	** NA **			None
53	M53						Yes				None
54	M54		BenPIN				Yes	** NA **			None
55	M55						Yes	** NA **			None
56	M56						Yes	** NA **			None
57	M57						Yes	** NA **			None
58	M58A						Yes				None
59	M59A						Yes	Default			None
60	M60						Yes	Default			None
61	M61						Yes	Default			None
62	M62						Yes	** NA **			None
63	M63						Yes	** NA **			None
64	M64	OOOOOX	OOOOOX				Yes	Default			None
65	M65	OOOOOX	OOOOOX				Yes	Default			None
66	M66						Yes	** NA **			None
67	M67						Yes	** NA **			None
68	M68						Yes	** NA **			None
69	M69						Yes	** NA **			None
70	M70						Yes	** NA **			None
71	M71		BenPIN				Yes	** NA **			None
72	M72						Yes				None
73	M73		BenPIN				Yes	** NA **			None
74	M74						Yes	** NA **			None
75	M75						Yes	** NA **			None
76	M76A		BenPIN				Yes	** NA **			None
77	M77A						Yes				None
78	M78		BenPIN				Yes	** NA **			None
79	M79A						Yes	** NA **			None
80	M80A						Yes	** NA **			None
81	M81						Yes	** NA **			None
82	M82						Yes	Default			None
83	M83A						Yes	Default			None
84	M84A						Yes	** NA **			None
85	MP5A						Yes	** NA **			None
86	M86						Yes	** NA **			None
87	M87						Yes	** NA **			None
88	M88A						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	M89						Yes	** NA **			None
90	MP3C						Yes	** NA **			None
91	MP4C						Yes	** NA **			None
92	MP2C						Yes	** NA **			None
93	MP1C						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	MP5C						Yes	** NA **			None
96	M96						Yes	** NA **			None
97	M97						Yes	** NA **			None
98	M98						Yes	** NA **			None
99	M99						Yes	** NA **			None
100	MP3B						Yes	** NA **			None
101	MP4B						Yes	** NA **			None
102	MP2B						Yes	** NA **			None
103	MP1B						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	MP5B						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	Default			None
114	M114						Yes	** NA **			None
115	M115						Yes	** NA **			None
116	M116						Yes	** NA **			None
117	M117						Yes	** NA **			None
118	M118						Yes	** NA **			None
119	M119						Yes	Default			None
120	M120						Yes	** NA **			None
121	M121						Yes	** NA **			None
122	M122						Yes	** NA **			None
123	M123						Yes	** NA **			None
124	M124						Yes	** NA **			None
125	M125						Yes	** NA **			None
126	M126		OOOOOO				Yes	** NA **			None
127	M127		OOOOOO				Yes	** NA **			None
128	M128		OOOOOO				Yes	** NA **			None
129	M129		OOOOOO				Yes	** NA **			None
130	M130		OOOOOO				Yes	** NA **			None
131	M131		OOOOOO				Yes				None
132	M132						Yes				None
133	M133						Yes				None
134	M134						Yes	** NA **			None
135	M135	BenPIN	BenPIN				Yes	** NA **			None
136	M136	BenPIN	BenPIN				Yes	** NA **			None
137	M137	BenPIN	BenPIN				Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-43.55	2
2	MP4A	My	-.022	2
3	MP4A	Mz	0	2
4	MP4A	Y	-43.55	4
5	MP4A	My	-.022	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP4A	Mz	0	4
7	MP4B	Y	-43.55	2
8	MP4B	My	.011	2
9	MP4B	Mz	-.019	2
10	MP4B	Y	-43.55	4
11	MP4B	My	.011	4
12	MP4B	Mz	-.019	4
13	MP4C	Y	-43.55	2
14	MP4C	My	.011	2
15	MP4C	Mz	.019	2
16	MP4C	Y	-43.55	4
17	MP4C	My	.011	4
18	MP4C	Mz	.019	4
19	MP2A	Y	-84.4	2.5
20	MP2A	My	.042	2.5
21	MP2A	Mz	0	2.5
22	MP2B	Y	-84.4	2.5
23	MP2B	My	-.021	2.5
24	MP2B	Mz	.037	2.5
25	MP2C	Y	-84.4	2.5
26	MP2C	My	-.021	2.5
27	MP2C	Mz	-.037	2.5
28	MP3A	Y	-70.3	2.5
29	MP3A	My	.035	2.5
30	MP3A	Mz	0	2.5
31	MP3B	Y	-70.3	2.5
32	MP3B	My	-.018	2.5
33	MP3B	Mz	.03	2.5
34	MP3C	Y	-70.3	2.5
35	MP3C	My	-.018	2.5
36	MP3C	Mz	-.03	2.5
37	MP2A	Y	-20	1.33
38	MP2A	My	-.015	1.33
39	MP2A	Mz	.012	1.33
40	MP2A	Y	-20	5.33
41	MP2A	My	-.015	5.33
42	MP2A	Mz	.012	5.33
43	MP2B	Y	-20	1.33
44	MP2B	My	-.003	1.33
45	MP2B	Mz	-.019	1.33
46	MP2B	Y	-20	5.33
47	MP2B	My	-.003	5.33
48	MP2B	Mz	-.019	5.33
49	MP2C	Y	-20	1.33
50	MP2C	My	.018	1.33
51	MP2C	Mz	.007	1.33
52	MP2C	Y	-20	5.33
53	MP2C	My	.018	5.33
54	MP2C	Mz	.007	5.33
55	MP2A	Y	-20	1.33
56	MP2A	My	-.015	1.33
57	MP2A	Mz	-.012	1.33
58	MP2A	Y	-20	5.33
59	MP2A	My	-.015	5.33
60	MP2A	Mz	-.012	5.33
61	MP2B	Y	-20	1.33
62	MP2B	My	.018	1.33
63	MP2B	Mz	-.007	1.33
64	MP2B	Y	-20	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	My	.018	5.33
66	MP2B	Mz	-.007	5.33
67	MP2C	Y	-20	1.33
68	MP2C	My	-.003	1.33
69	MP2C	Mz	.019	1.33
70	MP2C	Y	-20	5.33
71	MP2C	My	-.003	5.33
72	MP2C	Mz	.019	5.33
73	MP1A	Y	-6	1.5
74	MP1A	My	-.007	1.5
75	MP1A	Mz	0	1.5
76	MP1A	Y	-6	4.5
77	MP1A	My	-.007	4.5
78	MP1A	Mz	0	4.5
79	MP1B	Y	-6	1.5
80	MP1B	My	.004	1.5
81	MP1B	Mz	-.006	1.5
82	MP1B	Y	-6	4.5
83	MP1B	My	.004	4.5
84	MP1B	Mz	-.006	4.5
85	MP1C	Y	-6	1.5
86	MP1C	My	.004	1.5
87	MP1C	Mz	.006	1.5
88	MP1C	Y	-6	4.5
89	MP1C	My	.004	4.5
90	MP1C	Mz	.006	4.5
91	MP5A	Y	-6	1.5
92	MP5A	My	-.007	1.5
93	MP5A	Mz	0	1.5
94	MP5A	Y	-6	4.5
95	MP5A	My	-.007	4.5
96	MP5A	Mz	0	4.5
97	MP5B	Y	-6	1.5
98	MP5B	My	.004	1.5
99	MP5B	Mz	-.006	1.5
100	MP5B	Y	-6	4.5
101	MP5B	My	.004	4.5
102	MP5B	Mz	-.006	4.5
103	MP5C	Y	-6	1.5
104	MP5C	My	.004	1.5
105	MP5C	Mz	.006	1.5
106	MP5C	Y	-6	4.5
107	MP5C	My	.004	4.5
108	MP5C	Mz	.006	4.5
109	OVP	Y	-32	.75
110	OVP	My	0	.75
111	OVP	Mz	0	.75
112	MP2A	Y	-8.8	4.5
113	MP2A	My	.009	4.5
114	MP2A	Mz	.003	4.5
115	MP2A	Y	-8.8	5.5
116	MP2A	My	.009	5.5
117	MP2A	Mz	.003	5.5
118	MP2A	Y	-8.8	4.5
119	MP2A	My	.009	4.5
120	MP2A	Mz	-.003	4.5
121	MP2A	Y	-8.8	5.5
122	MP2A	My	.009	5.5
123	MP2A	Mz	-.003	5.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-35.058	2
2	MP4A	My	-.018	2
3	MP4A	Mz	0	2
4	MP4A	Y	-35.058	4
5	MP4A	My	-.018	4
6	MP4A	Mz	0	4
7	MP4B	Y	-35.058	2
8	MP4B	My	.009	2
9	MP4B	Mz	-.015	2
10	MP4B	Y	-35.058	4
11	MP4B	My	.009	4
12	MP4B	Mz	-.015	4
13	MP4C	Y	-35.058	2
14	MP4C	My	.009	2
15	MP4C	Mz	.015	2
16	MP4C	Y	-35.058	4
17	MP4C	My	.009	4
18	MP4C	Mz	.015	4
19	MP2A	Y	-44.189	2.5
20	MP2A	My	.022	2.5
21	MP2A	Mz	0	2.5
22	MP2B	Y	-44.189	2.5
23	MP2B	My	-.011	2.5
24	MP2B	Mz	.019	2.5
25	MP2C	Y	-44.189	2.5
26	MP2C	My	-.011	2.5
27	MP2C	Mz	-.019	2.5
28	MP3A	Y	-39.735	2.5
29	MP3A	My	.02	2.5
30	MP3A	Mz	0	2.5
31	MP3B	Y	-39.735	2.5
32	MP3B	My	-.01	2.5
33	MP3B	Mz	.017	2.5
34	MP3C	Y	-39.735	2.5
35	MP3C	My	-.01	2.5
36	MP3C	Mz	-.017	2.5
37	MP2A	Y	-60.115	1.33
38	MP2A	My	-.045	1.33
39	MP2A	Mz	.035	1.33
40	MP2A	Y	-60.115	5.33
41	MP2A	My	-.045	5.33
42	MP2A	Mz	.035	5.33
43	MP2B	Y	-60.115	1.33
44	MP2B	My	-.008	1.33
45	MP2B	Mz	-.057	1.33
46	MP2B	Y	-60.115	5.33
47	MP2B	My	-.008	5.33
48	MP2B	Mz	-.057	5.33
49	MP2C	Y	-60.115	1.33
50	MP2C	My	.053	1.33
51	MP2C	Mz	.022	1.33
52	MP2C	Y	-60.115	5.33
53	MP2C	My	.053	5.33
54	MP2C	Mz	.022	5.33
55	MP2A	Y	-60.115	1.33
56	MP2A	My	-.045	1.33
57	MP2A	Mz	-.035	1.33
58	MP2A	Y	-60.115	5.33
59	MP2A	My	-.045	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP2A	Mz	-.035	5.33
61	MP2B	Y	-60.115	1.33
62	MP2B	My	.053	1.33
63	MP2B	Mz	-.022	1.33
64	MP2B	Y	-60.115	5.33
65	MP2B	My	.053	5.33
66	MP2B	Mz	-.022	5.33
67	MP2C	Y	-60.115	1.33
68	MP2C	My	-.008	1.33
69	MP2C	Mz	.057	1.33
70	MP2C	Y	-60.115	5.33
71	MP2C	My	-.008	5.33
72	MP2C	Mz	.057	5.33
73	MP1A	Y	-39.666	1.5
74	MP1A	My	-.046	1.5
75	MP1A	Mz	0	1.5
76	MP1A	Y	-39.666	4.5
77	MP1A	My	-.046	4.5
78	MP1A	Mz	0	4.5
79	MP1B	Y	-39.666	1.5
80	MP1B	My	.023	1.5
81	MP1B	Mz	-.04	1.5
82	MP1B	Y	-39.666	4.5
83	MP1B	My	.023	4.5
84	MP1B	Mz	-.04	4.5
85	MP1C	Y	-39.666	1.5
86	MP1C	My	.023	1.5
87	MP1C	Mz	.04	1.5
88	MP1C	Y	-39.666	4.5
89	MP1C	My	.023	4.5
90	MP1C	Mz	.04	4.5
91	MP5A	Y	-39.666	1.5
92	MP5A	My	-.046	1.5
93	MP5A	Mz	0	1.5
94	MP5A	Y	-39.666	4.5
95	MP5A	My	-.046	4.5
96	MP5A	Mz	0	4.5
97	MP5B	Y	-39.666	1.5
98	MP5B	My	.023	1.5
99	MP5B	Mz	-.04	1.5
100	MP5B	Y	-39.666	4.5
101	MP5B	My	.023	4.5
102	MP5B	Mz	-.04	4.5
103	MP5C	Y	-39.666	1.5
104	MP5C	My	.023	1.5
105	MP5C	Mz	.04	1.5
106	MP5C	Y	-39.666	4.5
107	MP5C	My	.023	4.5
108	MP5C	Mz	.04	4.5
109	OVP	Y	-86.563	.75
110	OVP	My	0	.75
111	OVP	Mz	0	.75
112	MP2A	Y	-8.525	4.5
113	MP2A	My	.009	4.5
114	MP2A	Mz	.003	4.5
115	MP2A	Y	-8.525	5.5
116	MP2A	My	.009	5.5
117	MP2A	Mz	.003	5.5
118	MP2A	Y	-8.525	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
119	MP2A	My	.009	4.5
120	MP2A	Mz	-.003	4.5
121	MP2A	Y	-8.525	5.5
122	MP2A	My	.009	5.5
123	MP2A	Mz	-.003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2
2	MP4A	Z	-83.251	2
3	MP4A	Mx	0	2
4	MP4A	X	0	4
5	MP4A	Z	-83.251	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2
8	MP4B	Z	-45.257	2
9	MP4B	Mx	.02	2
10	MP4B	X	0	4
11	MP4B	Z	-45.257	4
12	MP4B	Mx	.02	4
13	MP4C	X	0	2
14	MP4C	Z	-45.257	2
15	MP4C	Mx	-.02	2
16	MP4C	X	0	4
17	MP4C	Z	-45.257	4
18	MP4C	Mx	-.02	4
19	MP2A	X	0	2.5
20	MP2A	Z	-54.91	2.5
21	MP2A	Mx	0	2.5
22	MP2B	X	0	2.5
23	MP2B	Z	-41.36	2.5
24	MP2B	Mx	-.018	2.5
25	MP2C	X	0	2.5
26	MP2C	Z	-41.36	2.5
27	MP2C	Mx	.018	2.5
28	MP3A	X	0	2.5
29	MP3A	Z	-54.91	2.5
30	MP3A	Mx	0	2.5
31	MP3B	X	0	2.5
32	MP3B	Z	-36.311	2.5
33	MP3B	Mx	-.016	2.5
34	MP3C	X	0	2.5
35	MP3C	Z	-36.311	2.5
36	MP3C	Mx	.016	2.5
37	MP2A	X	0	1.33
38	MP2A	Z	-97.598	1.33
39	MP2A	Mx	-.057	1.33
40	MP2A	X	0	5.33
41	MP2A	Z	-97.598	5.33
42	MP2A	Mx	-.057	5.33
43	MP2B	X	0	1.33
44	MP2B	Z	-55.884	1.33
45	MP2B	Mx	.053	1.33
46	MP2B	X	0	5.33
47	MP2B	Z	-55.884	5.33
48	MP2B	Mx	.053	5.33
49	MP2C	X	0	1.33
50	MP2C	Z	-55.884	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP2C	Mx	-.02	1.33
52	MP2C	X	0	5.33
53	MP2C	Z	-55.884	5.33
54	MP2C	Mx	-.02	5.33
55	MP2A	X	0	1.33
56	MP2A	Z	-97.598	1.33
57	MP2A	Mx	.057	1.33
58	MP2A	X	0	5.33
59	MP2A	Z	-97.598	5.33
60	MP2A	Mx	.057	5.33
61	MP2B	X	0	1.33
62	MP2B	Z	-55.884	1.33
63	MP2B	Mx	.02	1.33
64	MP2B	X	0	5.33
65	MP2B	Z	-55.884	5.33
66	MP2B	Mx	.02	5.33
67	MP2C	X	0	1.33
68	MP2C	Z	-55.884	1.33
69	MP2C	Mx	-.053	1.33
70	MP2C	X	0	5.33
71	MP2C	Z	-55.884	5.33
72	MP2C	Mx	-.053	5.33
73	MP1A	X	0	1.5
74	MP1A	Z	-46.231	1.5
75	MP1A	Mx	0	1.5
76	MP1A	X	0	4.5
77	MP1A	Z	-46.231	4.5
78	MP1A	Mx	0	4.5
79	MP1B	X	0	1.5
80	MP1B	Z	-83.28	1.5
81	MP1B	Mx	.084	1.5
82	MP1B	X	0	4.5
83	MP1B	Z	-83.28	4.5
84	MP1B	Mx	.084	4.5
85	MP1C	X	0	1.5
86	MP1C	Z	-83.28	1.5
87	MP1C	Mx	-.084	1.5
88	MP1C	X	0	4.5
89	MP1C	Z	-83.28	4.5
90	MP1C	Mx	-.084	4.5
91	MP5A	X	0	1.5
92	MP5A	Z	-46.231	1.5
93	MP5A	Mx	0	1.5
94	MP5A	X	0	4.5
95	MP5A	Z	-46.231	4.5
96	MP5A	Mx	0	4.5
97	MP5B	X	0	1.5
98	MP5B	Z	-83.28	1.5
99	MP5B	Mx	.084	1.5
100	MP5B	X	0	4.5
101	MP5B	Z	-83.28	4.5
102	MP5B	Mx	.084	4.5
103	MP5C	X	0	1.5
104	MP5C	Z	-83.28	1.5
105	MP5C	Mx	-.084	1.5
106	MP5C	X	0	4.5
107	MP5C	Z	-83.28	4.5
108	MP5C	Mx	-.084	4.5
109	OVP	X	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	OVP	Z	-92.107	.75
111	OVP	Mx	0	.75
112	MP2A	X	0	4.5
113	MP2A	Z	-17.004	4.5
114	MP2A	Mx	-.006	4.5
115	MP2A	X	0	5.5
116	MP2A	Z	-17.004	5.5
117	MP2A	Mx	-.006	5.5
118	MP2A	X	0	4.5
119	MP2A	Z	-17.004	4.5
120	MP2A	Mx	.006	4.5
121	MP2A	X	0	5.5
122	MP2A	Z	-17.004	5.5
123	MP2A	Mx	.006	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	35.293	2
2	MP4A	Z	-61.129	2
3	MP4A	Mx	-.018	2
4	MP4A	X	35.293	4
5	MP4A	Z	-61.129	4
6	MP4A	Mx	-.018	4
7	MP4B	X	16.296	2
8	MP4B	Z	-28.226	2
9	MP4B	Mx	.016	2
10	MP4B	X	16.296	4
11	MP4B	Z	-28.226	4
12	MP4B	Mx	.016	4
13	MP4C	X	35.293	2
14	MP4C	Z	-61.129	2
15	MP4C	Mx	-.018	2
16	MP4C	X	35.293	4
17	MP4C	Z	-61.129	4
18	MP4C	Mx	-.018	4
19	MP2A	X	25.197	2.5
20	MP2A	Z	-43.642	2.5
21	MP2A	Mx	.013	2.5
22	MP2B	X	18.421	2.5
23	MP2B	Z	-31.907	2.5
24	MP2B	Mx	-.018	2.5
25	MP2C	X	25.197	2.5
26	MP2C	Z	-43.642	2.5
27	MP2C	Mx	.013	2.5
28	MP3A	X	24.355	2.5
29	MP3A	Z	-42.185	2.5
30	MP3A	Mx	.012	2.5
31	MP3B	X	15.056	2.5
32	MP3B	Z	-26.078	2.5
33	MP3B	Mx	-.015	2.5
34	MP3C	X	24.355	2.5
35	MP3C	Z	-42.185	2.5
36	MP3C	Mx	.012	2.5
37	MP2A	X	41.847	1.33
38	MP2A	Z	-72.481	1.33
39	MP2A	Mx	-.074	1.33
40	MP2A	X	41.847	5.33
41	MP2A	Z	-72.481	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP2A	Mx	-.074	5.33
43	MP2B	X	20.99	1.33
44	MP2B	Z	-36.355	1.33
45	MP2B	Mx	.031	1.33
46	MP2B	X	20.99	5.33
47	MP2B	Z	-36.355	5.33
48	MP2B	Mx	.031	5.33
49	MP2C	X	41.847	1.33
50	MP2C	Z	-72.481	1.33
51	MP2C	Mx	.011	1.33
52	MP2C	X	41.847	5.33
53	MP2C	Z	-72.481	5.33
54	MP2C	Mx	.011	5.33
55	MP2A	X	41.847	1.33
56	MP2A	Z	-72.481	1.33
57	MP2A	Mx	.011	1.33
58	MP2A	X	41.847	5.33
59	MP2A	Z	-72.481	5.33
60	MP2A	Mx	.011	5.33
61	MP2B	X	20.99	1.33
62	MP2B	Z	-36.355	1.33
63	MP2B	Mx	.031	1.33
64	MP2B	X	20.99	5.33
65	MP2B	Z	-36.355	5.33
66	MP2B	Mx	.031	5.33
67	MP2C	X	41.847	1.33
68	MP2C	Z	-72.481	1.33
69	MP2C	Mx	-.074	1.33
70	MP2C	X	41.847	5.33
71	MP2C	Z	-72.481	5.33
72	MP2C	Mx	-.074	5.33
73	MP1A	X	29.29	1.5
74	MP1A	Z	-50.732	1.5
75	MP1A	Mx	-.034	1.5
76	MP1A	X	29.29	4.5
77	MP1A	Z	-50.732	4.5
78	MP1A	Mx	-.034	4.5
79	MP1B	X	47.815	1.5
80	MP1B	Z	-82.818	1.5
81	MP1B	Mx	.112	1.5
82	MP1B	X	47.815	4.5
83	MP1B	Z	-82.818	4.5
84	MP1B	Mx	.112	4.5
85	MP1C	X	29.29	1.5
86	MP1C	Z	-50.732	1.5
87	MP1C	Mx	-.034	1.5
88	MP1C	X	29.29	4.5
89	MP1C	Z	-50.732	4.5
90	MP1C	Mx	-.034	4.5
91	MP5A	X	29.29	1.5
92	MP5A	Z	-50.732	1.5
93	MP5A	Mx	-.034	1.5
94	MP5A	X	29.29	4.5
95	MP5A	Z	-50.732	4.5
96	MP5A	Mx	-.034	4.5
97	MP5B	X	47.815	1.5
98	MP5B	Z	-82.818	1.5
99	MP5B	Mx	.112	1.5
100	MP5B	X	47.815	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP5B	Z	-82.818	4.5
102	MP5B	Mx	.112	4.5
103	MP5C	X	29.29	1.5
104	MP5C	Z	-50.732	1.5
105	MP5C	Mx	-.034	1.5
106	MP5C	X	29.29	4.5
107	MP5C	Z	-50.732	4.5
108	MP5C	Mx	-.034	4.5
109	OVP	X	42.688	.75
110	OVP	Z	-73.938	.75
111	OVP	Mx	0	.75
112	MP2A	X	8.508	4.5
113	MP2A	Z	-14.737	4.5
114	MP2A	Mx	.004	4.5
115	MP2A	X	8.508	5.5
116	MP2A	Z	-14.737	5.5
117	MP2A	Mx	.004	5.5
118	MP2A	X	8.508	4.5
119	MP2A	Z	-14.737	4.5
120	MP2A	Mx	.013	4.5
121	MP2A	X	8.508	5.5
122	MP2A	Z	-14.737	5.5
123	MP2A	Mx	.013	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	39.194	2
2	MP4A	Z	-22.629	2
3	MP4A	Mx	-.02	2
4	MP4A	X	39.194	4
5	MP4A	Z	-22.629	4
6	MP4A	Mx	-.02	4
7	MP4B	X	39.194	2
8	MP4B	Z	-22.629	2
9	MP4B	Mx	.02	2
10	MP4B	X	39.194	4
11	MP4B	Z	-22.629	4
12	MP4B	Mx	.02	4
13	MP4C	X	72.097	2
14	MP4C	Z	-41.625	2
15	MP4C	Mx	0	2
16	MP4C	X	72.097	4
17	MP4C	Z	-41.625	4
18	MP4C	Mx	0	4
19	MP2A	X	35.819	2.5
20	MP2A	Z	-20.68	2.5
21	MP2A	Mx	.018	2.5
22	MP2B	X	35.819	2.5
23	MP2B	Z	-20.68	2.5
24	MP2B	Mx	-.018	2.5
25	MP2C	X	47.553	2.5
26	MP2C	Z	-27.455	2.5
27	MP2C	Mx	0	2.5
28	MP3A	X	31.447	2.5
29	MP3A	Z	-18.156	2.5
30	MP3A	Mx	.016	2.5
31	MP3B	X	31.447	2.5
32	MP3B	Z	-18.156	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3B	Mx	-.016	2.5
34	MP3C	X	47.553	2.5
35	MP3C	Z	-27.455	2.5
36	MP3C	Mx	0	2.5
37	MP2A	X	48.397	1.33
38	MP2A	Z	-27.942	1.33
39	MP2A	Mx	-.053	1.33
40	MP2A	X	48.397	5.33
41	MP2A	Z	-27.942	5.33
42	MP2A	Mx	-.053	5.33
43	MP2B	X	48.397	1.33
44	MP2B	Z	-27.942	1.33
45	MP2B	Mx	.02	1.33
46	MP2B	X	48.397	5.33
47	MP2B	Z	-27.942	5.33
48	MP2B	Mx	.02	5.33
49	MP2C	X	84.523	1.33
50	MP2C	Z	-48.799	1.33
51	MP2C	Mx	.057	1.33
52	MP2C	X	84.523	5.33
53	MP2C	Z	-48.799	5.33
54	MP2C	Mx	.057	5.33
55	MP2A	X	48.397	1.33
56	MP2A	Z	-27.942	1.33
57	MP2A	Mx	-.02	1.33
58	MP2A	X	48.397	5.33
59	MP2A	Z	-27.942	5.33
60	MP2A	Mx	-.02	5.33
61	MP2B	X	48.397	1.33
62	MP2B	Z	-27.942	1.33
63	MP2B	Mx	.053	1.33
64	MP2B	X	48.397	5.33
65	MP2B	Z	-27.942	5.33
66	MP2B	Mx	.053	5.33
67	MP2C	X	84.523	1.33
68	MP2C	Z	-48.799	1.33
69	MP2C	Mx	-.057	1.33
70	MP2C	X	84.523	5.33
71	MP2C	Z	-48.799	5.33
72	MP2C	Mx	-.057	5.33
73	MP1A	X	72.123	1.5
74	MP1A	Z	-41.64	1.5
75	MP1A	Mx	-.084	1.5
76	MP1A	X	72.123	4.5
77	MP1A	Z	-41.64	4.5
78	MP1A	Mx	-.084	4.5
79	MP1B	X	72.123	1.5
80	MP1B	Z	-41.64	1.5
81	MP1B	Mx	.084	1.5
82	MP1B	X	72.123	4.5
83	MP1B	Z	-41.64	4.5
84	MP1B	Mx	.084	4.5
85	MP1C	X	40.037	1.5
86	MP1C	Z	-23.115	1.5
87	MP1C	Mx	0	1.5
88	MP1C	X	40.037	4.5
89	MP1C	Z	-23.115	4.5
90	MP1C	Mx	0	4.5
91	MP5A	X	72.123	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP5A	Z	-41.64	1.5
93	MP5A	Mx	-.084	1.5
94	MP5A	X	72.123	4.5
95	MP5A	Z	-41.64	4.5
96	MP5A	Mx	-.084	4.5
97	MP5B	X	72.123	1.5
98	MP5B	Z	-41.64	1.5
99	MP5B	Mx	.084	1.5
100	MP5B	X	72.123	4.5
101	MP5B	Z	-41.64	4.5
102	MP5B	Mx	.084	4.5
103	MP5C	X	40.037	1.5
104	MP5C	Z	-23.115	1.5
105	MP5C	Mx	0	1.5
106	MP5C	X	40.037	4.5
107	MP5C	Z	-23.115	4.5
108	MP5C	Mx	0	4.5
109	OVP	X	79.767	.75
110	OVP	Z	-46.054	.75
111	OVP	Mx	0	.75
112	MP2A	X	14.759	4.5
113	MP2A	Z	-8.521	4.5
114	MP2A	Mx	.012	4.5
115	MP2A	X	14.759	5.5
116	MP2A	Z	-8.521	5.5
117	MP2A	Mx	.012	5.5
118	MP2A	X	14.759	4.5
119	MP2A	Z	-8.521	4.5
120	MP2A	Mx	.018	4.5
121	MP2A	X	14.759	5.5
122	MP2A	Z	-8.521	5.5
123	MP2A	Mx	.018	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	32.593	2
2	MP4A	Z	0	2
3	MP4A	Mx	-.016	2
4	MP4A	X	32.593	4
5	MP4A	Z	0	4
6	MP4A	Mx	-.016	4
7	MP4B	X	70.586	2
8	MP4B	Z	0	2
9	MP4B	Mx	.018	2
10	MP4B	X	70.586	4
11	MP4B	Z	0	4
12	MP4B	Mx	.018	4
13	MP4C	X	70.586	2
14	MP4C	Z	0	2
15	MP4C	Mx	.018	2
16	MP4C	X	70.586	4
17	MP4C	Z	0	4
18	MP4C	Mx	.018	4
19	MP2A	X	36.843	2.5
20	MP2A	Z	0	2.5
21	MP2A	Mx	.018	2.5
22	MP2B	X	50.393	2.5
23	MP2B	Z	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP2B	Mx	-.013	2.5
25	MP2C	X	50.393	2.5
26	MP2C	Z	0	2.5
27	MP2C	Mx	-.013	2.5
28	MP3A	X	30.112	2.5
29	MP3A	Z	0	2.5
30	MP3A	Mx	.015	2.5
31	MP3B	X	48.711	2.5
32	MP3B	Z	0	2.5
33	MP3B	Mx	-.012	2.5
34	MP3C	X	48.711	2.5
35	MP3C	Z	0	2.5
36	MP3C	Mx	-.012	2.5
37	MP2A	X	41.98	1.33
38	MP2A	Z	0	1.33
39	MP2A	Mx	-.031	1.33
40	MP2A	X	41.98	5.33
41	MP2A	Z	0	5.33
42	MP2A	Mx	-.031	5.33
43	MP2B	X	83.694	1.33
44	MP2B	Z	0	1.33
45	MP2B	Mx	-.011	1.33
46	MP2B	X	83.694	5.33
47	MP2B	Z	0	5.33
48	MP2B	Mx	-.011	5.33
49	MP2C	X	83.694	1.33
50	MP2C	Z	0	1.33
51	MP2C	Mx	.074	1.33
52	MP2C	X	83.694	5.33
53	MP2C	Z	0	5.33
54	MP2C	Mx	.074	5.33
55	MP2A	X	41.98	1.33
56	MP2A	Z	0	1.33
57	MP2A	Mx	-.031	1.33
58	MP2A	X	41.98	5.33
59	MP2A	Z	0	5.33
60	MP2A	Mx	-.031	5.33
61	MP2B	X	83.694	1.33
62	MP2B	Z	0	1.33
63	MP2B	Mx	.074	1.33
64	MP2B	X	83.694	5.33
65	MP2B	Z	0	5.33
66	MP2B	Mx	.074	5.33
67	MP2C	X	83.694	1.33
68	MP2C	Z	0	1.33
69	MP2C	Mx	-.011	1.33
70	MP2C	X	83.694	5.33
71	MP2C	Z	0	5.33
72	MP2C	Mx	-.011	5.33
73	MP1A	X	95.63	1.5
74	MP1A	Z	0	1.5
75	MP1A	Mx	-.112	1.5
76	MP1A	X	95.63	4.5
77	MP1A	Z	0	4.5
78	MP1A	Mx	-.112	4.5
79	MP1B	X	58.58	1.5
80	MP1B	Z	0	1.5
81	MP1B	Mx	.034	1.5
82	MP1B	X	58.58	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP1B	Z	0	4.5
84	MP1B	Mx	.034	4.5
85	MP1C	X	58.58	1.5
86	MP1C	Z	0	1.5
87	MP1C	Mx	.034	1.5
88	MP1C	X	58.58	4.5
89	MP1C	Z	0	4.5
90	MP1C	Mx	.034	4.5
91	MP5A	X	95.63	1.5
92	MP5A	Z	0	1.5
93	MP5A	Mx	-.112	1.5
94	MP5A	X	95.63	4.5
95	MP5A	Z	0	4.5
96	MP5A	Mx	-.112	4.5
97	MP5B	X	58.58	1.5
98	MP5B	Z	0	1.5
99	MP5B	Mx	.034	1.5
100	MP5B	X	58.58	4.5
101	MP5B	Z	0	4.5
102	MP5B	Mx	.034	4.5
103	MP5C	X	58.58	1.5
104	MP5C	Z	0	1.5
105	MP5C	Mx	.034	1.5
106	MP5C	X	58.58	4.5
107	MP5C	Z	0	4.5
108	MP5C	Mx	.034	4.5
109	OVP	X	105.569	.75
110	OVP	Z	0	.75
111	OVP	Mx	0	.75
112	MP2A	X	17.055	4.5
113	MP2A	Z	0	4.5
114	MP2A	Mx	.017	4.5
115	MP2A	X	17.055	5.5
116	MP2A	Z	0	5.5
117	MP2A	Mx	.017	5.5
118	MP2A	X	17.055	4.5
119	MP2A	Z	0	4.5
120	MP2A	Mx	.017	4.5
121	MP2A	X	17.055	5.5
122	MP2A	Z	0	5.5
123	MP2A	Mx	.017	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	39.194	2
2	MP4A	Z	22.629	2
3	MP4A	Mx	-.02	2
4	MP4A	X	39.194	4
5	MP4A	Z	22.629	4
6	MP4A	Mx	-.02	4
7	MP4B	X	72.097	2
8	MP4B	Z	41.625	2
9	MP4B	Mx	0	2
10	MP4B	X	72.097	4
11	MP4B	Z	41.625	4
12	MP4B	Mx	0	4
13	MP4C	X	39.194	2
14	MP4C	Z	22.629	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP4C	Mx	.02	2
16	MP4C	X	39.194	4
17	MP4C	Z	22.629	4
18	MP4C	Mx	.02	4
19	MP2A	X	35.819	2.5
20	MP2A	Z	20.68	2.5
21	MP2A	Mx	.018	2.5
22	MP2B	X	47.553	2.5
23	MP2B	Z	27.455	2.5
24	MP2B	Mx	0	2.5
25	MP2C	X	35.819	2.5
26	MP2C	Z	20.68	2.5
27	MP2C	Mx	-.018	2.5
28	MP3A	X	31.447	2.5
29	MP3A	Z	18.156	2.5
30	MP3A	Mx	.016	2.5
31	MP3B	X	47.553	2.5
32	MP3B	Z	27.455	2.5
33	MP3B	Mx	0	2.5
34	MP3C	X	31.447	2.5
35	MP3C	Z	18.156	2.5
36	MP3C	Mx	-.016	2.5
37	MP2A	X	48.397	1.33
38	MP2A	Z	27.942	1.33
39	MP2A	Mx	-.02	1.33
40	MP2A	X	48.397	5.33
41	MP2A	Z	27.942	5.33
42	MP2A	Mx	-.02	5.33
43	MP2B	X	84.523	1.33
44	MP2B	Z	48.799	1.33
45	MP2B	Mx	-.057	1.33
46	MP2B	X	84.523	5.33
47	MP2B	Z	48.799	5.33
48	MP2B	Mx	-.057	5.33
49	MP2C	X	48.397	1.33
50	MP2C	Z	27.942	1.33
51	MP2C	Mx	.053	1.33
52	MP2C	X	48.397	5.33
53	MP2C	Z	27.942	5.33
54	MP2C	Mx	.053	5.33
55	MP2A	X	48.397	1.33
56	MP2A	Z	27.942	1.33
57	MP2A	Mx	-.053	1.33
58	MP2A	X	48.397	5.33
59	MP2A	Z	27.942	5.33
60	MP2A	Mx	-.053	5.33
61	MP2B	X	84.523	1.33
62	MP2B	Z	48.799	1.33
63	MP2B	Mx	.057	1.33
64	MP2B	X	84.523	5.33
65	MP2B	Z	48.799	5.33
66	MP2B	Mx	.057	5.33
67	MP2C	X	48.397	1.33
68	MP2C	Z	27.942	1.33
69	MP2C	Mx	.02	1.33
70	MP2C	X	48.397	5.33
71	MP2C	Z	27.942	5.33
72	MP2C	Mx	.02	5.33
73	MP1A	X	72.123	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP1A	Z	41.64	1.5
75	MP1A	Mx	-.084	1.5
76	MP1A	X	72.123	4.5
77	MP1A	Z	41.64	4.5
78	MP1A	Mx	-.084	4.5
79	MP1B	X	40.037	1.5
80	MP1B	Z	23.115	1.5
81	MP1B	Mx	0	1.5
82	MP1B	X	40.037	4.5
83	MP1B	Z	23.115	4.5
84	MP1B	Mx	0	4.5
85	MP1C	X	72.123	1.5
86	MP1C	Z	41.64	1.5
87	MP1C	Mx	.084	1.5
88	MP1C	X	72.123	4.5
89	MP1C	Z	41.64	4.5
90	MP1C	Mx	.084	4.5
91	MP5A	X	72.123	1.5
92	MP5A	Z	41.64	1.5
93	MP5A	Mx	-.084	1.5
94	MP5A	X	72.123	4.5
95	MP5A	Z	41.64	4.5
96	MP5A	Mx	-.084	4.5
97	MP5B	X	40.037	1.5
98	MP5B	Z	23.115	1.5
99	MP5B	Mx	0	1.5
100	MP5B	X	40.037	4.5
101	MP5B	Z	23.115	4.5
102	MP5B	Mx	0	4.5
103	MP5C	X	72.123	1.5
104	MP5C	Z	41.64	1.5
105	MP5C	Mx	.084	1.5
106	MP5C	X	72.123	4.5
107	MP5C	Z	41.64	4.5
108	MP5C	Mx	.084	4.5
109	OVP	X	97.255	.75
110	OVP	Z	56.15	.75
111	OVP	Mx	0	.75
112	MP2A	X	14.759	4.5
113	MP2A	Z	8.521	4.5
114	MP2A	Mx	.018	4.5
115	MP2A	X	14.759	5.5
116	MP2A	Z	8.521	5.5
117	MP2A	Mx	.018	5.5
118	MP2A	X	14.759	4.5
119	MP2A	Z	8.521	4.5
120	MP2A	Mx	.012	4.5
121	MP2A	X	14.759	5.5
122	MP2A	Z	8.521	5.5
123	MP2A	Mx	.012	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	35.293	2
2	MP4A	Z	61.129	2
3	MP4A	Mx	-.018	2
4	MP4A	X	35.293	4
5	MP4A	Z	61.129	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP4A	Mx	-.018	4
7	MP4B	X	35.293	2
8	MP4B	Z	61.129	2
9	MP4B	Mx	-.018	2
10	MP4B	X	35.293	4
11	MP4B	Z	61.129	4
12	MP4B	Mx	-.018	4
13	MP4C	X	16.296	2
14	MP4C	Z	28.226	2
15	MP4C	Mx	.016	2
16	MP4C	X	16.296	4
17	MP4C	Z	28.226	4
18	MP4C	Mx	.016	4
19	MP2A	X	25.197	2.5
20	MP2A	Z	43.642	2.5
21	MP2A	Mx	.013	2.5
22	MP2B	X	25.197	2.5
23	MP2B	Z	43.642	2.5
24	MP2B	Mx	.013	2.5
25	MP2C	X	18.421	2.5
26	MP2C	Z	31.907	2.5
27	MP2C	Mx	-.018	2.5
28	MP3A	X	24.355	2.5
29	MP3A	Z	42.185	2.5
30	MP3A	Mx	.012	2.5
31	MP3B	X	24.355	2.5
32	MP3B	Z	42.185	2.5
33	MP3B	Mx	.012	2.5
34	MP3C	X	15.056	2.5
35	MP3C	Z	26.078	2.5
36	MP3C	Mx	-.015	2.5
37	MP2A	X	41.847	1.33
38	MP2A	Z	72.481	1.33
39	MP2A	Mx	.011	1.33
40	MP2A	X	41.847	5.33
41	MP2A	Z	72.481	5.33
42	MP2A	Mx	.011	5.33
43	MP2B	X	41.847	1.33
44	MP2B	Z	72.481	1.33
45	MP2B	Mx	-.074	1.33
46	MP2B	X	41.847	5.33
47	MP2B	Z	72.481	5.33
48	MP2B	Mx	-.074	5.33
49	MP2C	X	20.99	1.33
50	MP2C	Z	36.355	1.33
51	MP2C	Mx	.031	1.33
52	MP2C	X	20.99	5.33
53	MP2C	Z	36.355	5.33
54	MP2C	Mx	.031	5.33
55	MP2A	X	41.847	1.33
56	MP2A	Z	72.481	1.33
57	MP2A	Mx	-.074	1.33
58	MP2A	X	41.847	5.33
59	MP2A	Z	72.481	5.33
60	MP2A	Mx	-.074	5.33
61	MP2B	X	41.847	1.33
62	MP2B	Z	72.481	1.33
63	MP2B	Mx	.011	1.33
64	MP2B	X	41.847	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	Z	72.481	5.33
66	MP2B	Mx	.011	5.33
67	MP2C	X	20.99	1.33
68	MP2C	Z	36.355	1.33
69	MP2C	Mx	.031	1.33
70	MP2C	X	20.99	5.33
71	MP2C	Z	36.355	5.33
72	MP2C	Mx	.031	5.33
73	MP1A	X	29.29	1.5
74	MP1A	Z	50.732	1.5
75	MP1A	Mx	-.034	1.5
76	MP1A	X	29.29	4.5
77	MP1A	Z	50.732	4.5
78	MP1A	Mx	-.034	4.5
79	MP1B	X	29.29	1.5
80	MP1B	Z	50.732	1.5
81	MP1B	Mx	-.034	1.5
82	MP1B	X	29.29	4.5
83	MP1B	Z	50.732	4.5
84	MP1B	Mx	-.034	4.5
85	MP1C	X	47.815	1.5
86	MP1C	Z	82.818	1.5
87	MP1C	Mx	.112	1.5
88	MP1C	X	47.815	4.5
89	MP1C	Z	82.818	4.5
90	MP1C	Mx	.112	4.5
91	MP5A	X	29.29	1.5
92	MP5A	Z	50.732	1.5
93	MP5A	Mx	-.034	1.5
94	MP5A	X	29.29	4.5
95	MP5A	Z	50.732	4.5
96	MP5A	Mx	-.034	4.5
97	MP5B	X	29.29	1.5
98	MP5B	Z	50.732	1.5
99	MP5B	Mx	-.034	1.5
100	MP5B	X	29.29	4.5
101	MP5B	Z	50.732	4.5
102	MP5B	Mx	-.034	4.5
103	MP5C	X	47.815	1.5
104	MP5C	Z	82.818	1.5
105	MP5C	Mx	.112	1.5
106	MP5C	X	47.815	4.5
107	MP5C	Z	82.818	4.5
108	MP5C	Mx	.112	4.5
109	OVP	X	52.784	.75
110	OVP	Z	91.425	.75
111	OVP	Mx	0	.75
112	MP2A	X	8.508	4.5
113	MP2A	Z	14.737	4.5
114	MP2A	Mx	.013	4.5
115	MP2A	X	8.508	5.5
116	MP2A	Z	14.737	5.5
117	MP2A	Mx	.013	5.5
118	MP2A	X	8.508	4.5
119	MP2A	Z	14.737	4.5
120	MP2A	Mx	.004	4.5
121	MP2A	X	8.508	5.5
122	MP2A	Z	14.737	5.5
123	MP2A	Mx	.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2
2	MP4A	Z	83.251	2
3	MP4A	Mx	0	2
4	MP4A	X	0	4
5	MP4A	Z	83.251	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2
8	MP4B	Z	45.257	2
9	MP4B	Mx	-.02	2
10	MP4B	X	0	4
11	MP4B	Z	45.257	4
12	MP4B	Mx	-.02	4
13	MP4C	X	0	2
14	MP4C	Z	45.257	2
15	MP4C	Mx	.02	2
16	MP4C	X	0	4
17	MP4C	Z	45.257	4
18	MP4C	Mx	.02	4
19	MP2A	X	0	2.5
20	MP2A	Z	54.91	2.5
21	MP2A	Mx	0	2.5
22	MP2B	X	0	2.5
23	MP2B	Z	41.36	2.5
24	MP2B	Mx	.018	2.5
25	MP2C	X	0	2.5
26	MP2C	Z	41.36	2.5
27	MP2C	Mx	-.018	2.5
28	MP3A	X	0	2.5
29	MP3A	Z	54.91	2.5
30	MP3A	Mx	0	2.5
31	MP3B	X	0	2.5
32	MP3B	Z	36.311	2.5
33	MP3B	Mx	.016	2.5
34	MP3C	X	0	2.5
35	MP3C	Z	36.311	2.5
36	MP3C	Mx	-.016	2.5
37	MP2A	X	0	1.33
38	MP2A	Z	97.598	1.33
39	MP2A	Mx	.057	1.33
40	MP2A	X	0	5.33
41	MP2A	Z	97.598	5.33
42	MP2A	Mx	.057	5.33
43	MP2B	X	0	1.33
44	MP2B	Z	55.884	1.33
45	MP2B	Mx	-.053	1.33
46	MP2B	X	0	5.33
47	MP2B	Z	55.884	5.33
48	MP2B	Mx	-.053	5.33
49	MP2C	X	0	1.33
50	MP2C	Z	55.884	1.33
51	MP2C	Mx	.02	1.33
52	MP2C	X	0	5.33
53	MP2C	Z	55.884	5.33
54	MP2C	Mx	.02	5.33
55	MP2A	X	0	1.33
56	MP2A	Z	97.598	1.33
57	MP2A	Mx	-.057	1.33
58	MP2A	X	0	5.33
59	MP2A	Z	97.598	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP2A	Mx	-.057	5.33
61	MP2B	X	0	1.33
62	MP2B	Z	55.884	1.33
63	MP2B	Mx	-.02	1.33
64	MP2B	X	0	5.33
65	MP2B	Z	55.884	5.33
66	MP2B	Mx	-.02	5.33
67	MP2C	X	0	1.33
68	MP2C	Z	55.884	1.33
69	MP2C	Mx	.053	1.33
70	MP2C	X	0	5.33
71	MP2C	Z	55.884	5.33
72	MP2C	Mx	.053	5.33
73	MP1A	X	0	1.5
74	MP1A	Z	46.231	1.5
75	MP1A	Mx	0	1.5
76	MP1A	X	0	4.5
77	MP1A	Z	46.231	4.5
78	MP1A	Mx	0	4.5
79	MP1B	X	0	1.5
80	MP1B	Z	83.28	1.5
81	MP1B	Mx	-.084	1.5
82	MP1B	X	0	4.5
83	MP1B	Z	83.28	4.5
84	MP1B	Mx	-.084	4.5
85	MP1C	X	0	1.5
86	MP1C	Z	83.28	1.5
87	MP1C	Mx	.084	1.5
88	MP1C	X	0	4.5
89	MP1C	Z	83.28	4.5
90	MP1C	Mx	.084	4.5
91	MP5A	X	0	1.5
92	MP5A	Z	46.231	1.5
93	MP5A	Mx	0	1.5
94	MP5A	X	0	4.5
95	MP5A	Z	46.231	4.5
96	MP5A	Mx	0	4.5
97	MP5B	X	0	1.5
98	MP5B	Z	83.28	1.5
99	MP5B	Mx	-.084	1.5
100	MP5B	X	0	4.5
101	MP5B	Z	83.28	4.5
102	MP5B	Mx	-.084	4.5
103	MP5C	X	0	1.5
104	MP5C	Z	83.28	1.5
105	MP5C	Mx	.084	1.5
106	MP5C	X	0	4.5
107	MP5C	Z	83.28	4.5
108	MP5C	Mx	.084	4.5
109	OVP	X	0	.75
110	OVP	Z	92.107	.75
111	OVP	Mx	0	.75
112	MP2A	X	0	4.5
113	MP2A	Z	17.004	4.5
114	MP2A	Mx	.006	4.5
115	MP2A	X	0	5.5
116	MP2A	Z	17.004	5.5
117	MP2A	Mx	.006	5.5
118	MP2A	X	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
119	MP2A	Z	17.004	4.5
120	MP2A	Mx	-.006	4.5
121	MP2A	X	0	5.5
122	MP2A	Z	17.004	5.5
123	MP2A	Mx	-.006	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-35.293	2
2	MP4A	Z	61.129	2
3	MP4A	Mx	.018	2
4	MP4A	X	-35.293	4
5	MP4A	Z	61.129	4
6	MP4A	Mx	.018	4
7	MP4B	X	-16.296	2
8	MP4B	Z	28.226	2
9	MP4B	Mx	-.016	2
10	MP4B	X	-16.296	4
11	MP4B	Z	28.226	4
12	MP4B	Mx	-.016	4
13	MP4C	X	-35.293	2
14	MP4C	Z	61.129	2
15	MP4C	Mx	.018	2
16	MP4C	X	-35.293	4
17	MP4C	Z	61.129	4
18	MP4C	Mx	.018	4
19	MP2A	X	-25.197	2.5
20	MP2A	Z	43.642	2.5
21	MP2A	Mx	-.013	2.5
22	MP2B	X	-18.421	2.5
23	MP2B	Z	31.907	2.5
24	MP2B	Mx	.018	2.5
25	MP2C	X	-25.197	2.5
26	MP2C	Z	43.642	2.5
27	MP2C	Mx	-.013	2.5
28	MP3A	X	-24.355	2.5
29	MP3A	Z	42.185	2.5
30	MP3A	Mx	-.012	2.5
31	MP3B	X	-15.056	2.5
32	MP3B	Z	26.078	2.5
33	MP3B	Mx	.015	2.5
34	MP3C	X	-24.355	2.5
35	MP3C	Z	42.185	2.5
36	MP3C	Mx	-.012	2.5
37	MP2A	X	-41.847	1.33
38	MP2A	Z	72.481	1.33
39	MP2A	Mx	.074	1.33
40	MP2A	X	-41.847	5.33
41	MP2A	Z	72.481	5.33
42	MP2A	Mx	.074	5.33
43	MP2B	X	-20.99	1.33
44	MP2B	Z	36.355	1.33
45	MP2B	Mx	-.031	1.33
46	MP2B	X	-20.99	5.33
47	MP2B	Z	36.355	5.33
48	MP2B	Mx	-.031	5.33
49	MP2C	X	-41.847	1.33
50	MP2C	Z	72.481	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP2C	Mx	-.011	1.33
52	MP2C	X	-41.847	5.33
53	MP2C	Z	72.481	5.33
54	MP2C	Mx	-.011	5.33
55	MP2A	X	-41.847	1.33
56	MP2A	Z	72.481	1.33
57	MP2A	Mx	-.011	1.33
58	MP2A	X	-41.847	5.33
59	MP2A	Z	72.481	5.33
60	MP2A	Mx	-.011	5.33
61	MP2B	X	-20.99	1.33
62	MP2B	Z	36.355	1.33
63	MP2B	Mx	-.031	1.33
64	MP2B	X	-20.99	5.33
65	MP2B	Z	36.355	5.33
66	MP2B	Mx	-.031	5.33
67	MP2C	X	-41.847	1.33
68	MP2C	Z	72.481	1.33
69	MP2C	Mx	.074	1.33
70	MP2C	X	-41.847	5.33
71	MP2C	Z	72.481	5.33
72	MP2C	Mx	.074	5.33
73	MP1A	X	-29.29	1.5
74	MP1A	Z	50.732	1.5
75	MP1A	Mx	.034	1.5
76	MP1A	X	-29.29	4.5
77	MP1A	Z	50.732	4.5
78	MP1A	Mx	.034	4.5
79	MP1B	X	-47.815	1.5
80	MP1B	Z	82.818	1.5
81	MP1B	Mx	-.112	1.5
82	MP1B	X	-47.815	4.5
83	MP1B	Z	82.818	4.5
84	MP1B	Mx	-.112	4.5
85	MP1C	X	-29.29	1.5
86	MP1C	Z	50.732	1.5
87	MP1C	Mx	.034	1.5
88	MP1C	X	-29.29	4.5
89	MP1C	Z	50.732	4.5
90	MP1C	Mx	.034	4.5
91	MP5A	X	-29.29	1.5
92	MP5A	Z	50.732	1.5
93	MP5A	Mx	.034	1.5
94	MP5A	X	-29.29	4.5
95	MP5A	Z	50.732	4.5
96	MP5A	Mx	.034	4.5
97	MP5B	X	-47.815	1.5
98	MP5B	Z	82.818	1.5
99	MP5B	Mx	-.112	1.5
100	MP5B	X	-47.815	4.5
101	MP5B	Z	82.818	4.5
102	MP5B	Mx	-.112	4.5
103	MP5C	X	-29.29	1.5
104	MP5C	Z	50.732	1.5
105	MP5C	Mx	.034	1.5
106	MP5C	X	-29.29	4.5
107	MP5C	Z	50.732	4.5
108	MP5C	Mx	.034	4.5
109	OVP	X	-42.688	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	OVP	Z	73.938	.75
111	OVP	Mx	0	.75
112	MP2A	X	-8.508	4.5
113	MP2A	Z	14.737	4.5
114	MP2A	Mx	-.004	4.5
115	MP2A	X	-8.508	5.5
116	MP2A	Z	14.737	5.5
117	MP2A	Mx	-.004	5.5
118	MP2A	X	-8.508	4.5
119	MP2A	Z	14.737	4.5
120	MP2A	Mx	-.013	4.5
121	MP2A	X	-8.508	5.5
122	MP2A	Z	14.737	5.5
123	MP2A	Mx	-.013	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-39.194	2
2	MP4A	Z	22.629	2
3	MP4A	Mx	.02	2
4	MP4A	X	-39.194	4
5	MP4A	Z	22.629	4
6	MP4A	Mx	.02	4
7	MP4B	X	-39.194	2
8	MP4B	Z	22.629	2
9	MP4B	Mx	-.02	2
10	MP4B	X	-39.194	4
11	MP4B	Z	22.629	4
12	MP4B	Mx	-.02	4
13	MP4C	X	-72.097	2
14	MP4C	Z	41.625	2
15	MP4C	Mx	0	2
16	MP4C	X	-72.097	4
17	MP4C	Z	41.625	4
18	MP4C	Mx	0	4
19	MP2A	X	-35.819	2.5
20	MP2A	Z	20.68	2.5
21	MP2A	Mx	-.018	2.5
22	MP2B	X	-35.819	2.5
23	MP2B	Z	20.68	2.5
24	MP2B	Mx	.018	2.5
25	MP2C	X	-47.553	2.5
26	MP2C	Z	27.455	2.5
27	MP2C	Mx	0	2.5
28	MP3A	X	-31.447	2.5
29	MP3A	Z	18.156	2.5
30	MP3A	Mx	-.016	2.5
31	MP3B	X	-31.447	2.5
32	MP3B	Z	18.156	2.5
33	MP3B	Mx	.016	2.5
34	MP3C	X	-47.553	2.5
35	MP3C	Z	27.455	2.5
36	MP3C	Mx	0	2.5
37	MP2A	X	-48.397	1.33
38	MP2A	Z	27.942	1.33
39	MP2A	Mx	.053	1.33
40	MP2A	X	-48.397	5.33
41	MP2A	Z	27.942	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP2A	Mx	.053	5.33
43	MP2B	X	-48.397	1.33
44	MP2B	Z	27.942	1.33
45	MP2B	Mx	-.02	1.33
46	MP2B	X	-48.397	5.33
47	MP2B	Z	27.942	5.33
48	MP2B	Mx	-.02	5.33
49	MP2C	X	-84.523	1.33
50	MP2C	Z	48.799	1.33
51	MP2C	Mx	-.057	1.33
52	MP2C	X	-84.523	5.33
53	MP2C	Z	48.799	5.33
54	MP2C	Mx	-.057	5.33
55	MP2A	X	-48.397	1.33
56	MP2A	Z	27.942	1.33
57	MP2A	Mx	.02	1.33
58	MP2A	X	-48.397	5.33
59	MP2A	Z	27.942	5.33
60	MP2A	Mx	.02	5.33
61	MP2B	X	-48.397	1.33
62	MP2B	Z	27.942	1.33
63	MP2B	Mx	-.053	1.33
64	MP2B	X	-48.397	5.33
65	MP2B	Z	27.942	5.33
66	MP2B	Mx	-.053	5.33
67	MP2C	X	-84.523	1.33
68	MP2C	Z	48.799	1.33
69	MP2C	Mx	.057	1.33
70	MP2C	X	-84.523	5.33
71	MP2C	Z	48.799	5.33
72	MP2C	Mx	.057	5.33
73	MP1A	X	-72.123	1.5
74	MP1A	Z	41.64	1.5
75	MP1A	Mx	.084	1.5
76	MP1A	X	-72.123	4.5
77	MP1A	Z	41.64	4.5
78	MP1A	Mx	.084	4.5
79	MP1B	X	-72.123	1.5
80	MP1B	Z	41.64	1.5
81	MP1B	Mx	-.084	1.5
82	MP1B	X	-72.123	4.5
83	MP1B	Z	41.64	4.5
84	MP1B	Mx	-.084	4.5
85	MP1C	X	-40.037	1.5
86	MP1C	Z	23.115	1.5
87	MP1C	Mx	0	1.5
88	MP1C	X	-40.037	4.5
89	MP1C	Z	23.115	4.5
90	MP1C	Mx	0	4.5
91	MP5A	X	-72.123	1.5
92	MP5A	Z	41.64	1.5
93	MP5A	Mx	.084	1.5
94	MP5A	X	-72.123	4.5
95	MP5A	Z	41.64	4.5
96	MP5A	Mx	.084	4.5
97	MP5B	X	-72.123	1.5
98	MP5B	Z	41.64	1.5
99	MP5B	Mx	-.084	1.5
100	MP5B	X	-72.123	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP5B	Z	41.64	4.5
102	MP5B	Mx	-.084	4.5
103	MP5C	X	-40.037	1.5
104	MP5C	Z	23.115	1.5
105	MP5C	Mx	0	1.5
106	MP5C	X	-40.037	4.5
107	MP5C	Z	23.115	4.5
108	MP5C	Mx	0	4.5
109	OVP	X	-79.767	.75
110	OVP	Z	46.054	.75
111	OVP	Mx	0	.75
112	MP2A	X	-14.759	4.5
113	MP2A	Z	8.521	4.5
114	MP2A	Mx	-.012	4.5
115	MP2A	X	-14.759	5.5
116	MP2A	Z	8.521	5.5
117	MP2A	Mx	-.012	5.5
118	MP2A	X	-14.759	4.5
119	MP2A	Z	8.521	4.5
120	MP2A	Mx	-.018	4.5
121	MP2A	X	-14.759	5.5
122	MP2A	Z	8.521	5.5
123	MP2A	Mx	-.018	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-32.593	2
2	MP4A	Z	0	2
3	MP4A	Mx	.016	2
4	MP4A	X	-32.593	4
5	MP4A	Z	0	4
6	MP4A	Mx	.016	4
7	MP4B	X	-70.586	2
8	MP4B	Z	0	2
9	MP4B	Mx	-.018	2
10	MP4B	X	-70.586	4
11	MP4B	Z	0	4
12	MP4B	Mx	-.018	4
13	MP4C	X	-70.586	2
14	MP4C	Z	0	2
15	MP4C	Mx	-.018	2
16	MP4C	X	-70.586	4
17	MP4C	Z	0	4
18	MP4C	Mx	-.018	4
19	MP2A	X	-36.843	2.5
20	MP2A	Z	0	2.5
21	MP2A	Mx	-.018	2.5
22	MP2B	X	-50.393	2.5
23	MP2B	Z	0	2.5
24	MP2B	Mx	.013	2.5
25	MP2C	X	-50.393	2.5
26	MP2C	Z	0	2.5
27	MP2C	Mx	.013	2.5
28	MP3A	X	-30.112	2.5
29	MP3A	Z	0	2.5
30	MP3A	Mx	-.015	2.5
31	MP3B	X	-48.711	2.5
32	MP3B	Z	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3B	Mx	.012	2.5
34	MP3C	X	-48.711	2.5
35	MP3C	Z	0	2.5
36	MP3C	Mx	.012	2.5
37	MP2A	X	-41.98	1.33
38	MP2A	Z	0	1.33
39	MP2A	Mx	.031	1.33
40	MP2A	X	-41.98	5.33
41	MP2A	Z	0	5.33
42	MP2A	Mx	.031	5.33
43	MP2B	X	-83.694	1.33
44	MP2B	Z	0	1.33
45	MP2B	Mx	.011	1.33
46	MP2B	X	-83.694	5.33
47	MP2B	Z	0	5.33
48	MP2B	Mx	.011	5.33
49	MP2C	X	-83.694	1.33
50	MP2C	Z	0	1.33
51	MP2C	Mx	-.074	1.33
52	MP2C	X	-83.694	5.33
53	MP2C	Z	0	5.33
54	MP2C	Mx	-.074	5.33
55	MP2A	X	-41.98	1.33
56	MP2A	Z	0	1.33
57	MP2A	Mx	.031	1.33
58	MP2A	X	-41.98	5.33
59	MP2A	Z	0	5.33
60	MP2A	Mx	.031	5.33
61	MP2B	X	-83.694	1.33
62	MP2B	Z	0	1.33
63	MP2B	Mx	-.074	1.33
64	MP2B	X	-83.694	5.33
65	MP2B	Z	0	5.33
66	MP2B	Mx	-.074	5.33
67	MP2C	X	-83.694	1.33
68	MP2C	Z	0	1.33
69	MP2C	Mx	.011	1.33
70	MP2C	X	-83.694	5.33
71	MP2C	Z	0	5.33
72	MP2C	Mx	.011	5.33
73	MP1A	X	-95.63	1.5
74	MP1A	Z	0	1.5
75	MP1A	Mx	.112	1.5
76	MP1A	X	-95.63	4.5
77	MP1A	Z	0	4.5
78	MP1A	Mx	.112	4.5
79	MP1B	X	-58.58	1.5
80	MP1B	Z	0	1.5
81	MP1B	Mx	-.034	1.5
82	MP1B	X	-58.58	4.5
83	MP1B	Z	0	4.5
84	MP1B	Mx	-.034	4.5
85	MP1C	X	-58.58	1.5
86	MP1C	Z	0	1.5
87	MP1C	Mx	-.034	1.5
88	MP1C	X	-58.58	4.5
89	MP1C	Z	0	4.5
90	MP1C	Mx	-.034	4.5
91	MP5A	X	-95.63	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP5A	Z	0	1.5
93	MP5A	Mx	.112	1.5
94	MP5A	X	-95.63	4.5
95	MP5A	Z	0	4.5
96	MP5A	Mx	.112	4.5
97	MP5B	X	-58.58	1.5
98	MP5B	Z	0	1.5
99	MP5B	Mx	-.034	1.5
100	MP5B	X	-58.58	4.5
101	MP5B	Z	0	4.5
102	MP5B	Mx	-.034	4.5
103	MP5C	X	-58.58	1.5
104	MP5C	Z	0	1.5
105	MP5C	Mx	-.034	1.5
106	MP5C	X	-58.58	4.5
107	MP5C	Z	0	4.5
108	MP5C	Mx	-.034	4.5
109	OVP	X	-105.569	.75
110	OVP	Z	0	.75
111	OVP	Mx	0	.75
112	MP2A	X	-17.055	4.5
113	MP2A	Z	0	4.5
114	MP2A	Mx	-.017	4.5
115	MP2A	X	-17.055	5.5
116	MP2A	Z	0	5.5
117	MP2A	Mx	-.017	5.5
118	MP2A	X	-17.055	4.5
119	MP2A	Z	0	4.5
120	MP2A	Mx	-.017	4.5
121	MP2A	X	-17.055	5.5
122	MP2A	Z	0	5.5
123	MP2A	Mx	-.017	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-39.194	2
2	MP4A	Z	-22.629	2
3	MP4A	Mx	.02	2
4	MP4A	X	-39.194	4
5	MP4A	Z	-22.629	4
6	MP4A	Mx	.02	4
7	MP4B	X	-72.097	2
8	MP4B	Z	-41.625	2
9	MP4B	Mx	0	2
10	MP4B	X	-72.097	4
11	MP4B	Z	-41.625	4
12	MP4B	Mx	0	4
13	MP4C	X	-39.194	2
14	MP4C	Z	-22.629	2
15	MP4C	Mx	-.02	2
16	MP4C	X	-39.194	4
17	MP4C	Z	-22.629	4
18	MP4C	Mx	-.02	4
19	MP2A	X	-35.819	2.5
20	MP2A	Z	-20.68	2.5
21	MP2A	Mx	-.018	2.5
22	MP2B	X	-47.553	2.5
23	MP2B	Z	-27.455	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP2B	Mx	0	2.5
25	MP2C	X	-35.819	2.5
26	MP2C	Z	-20.68	2.5
27	MP2C	Mx	.018	2.5
28	MP3A	X	-31.447	2.5
29	MP3A	Z	-18.156	2.5
30	MP3A	Mx	-.016	2.5
31	MP3B	X	-47.553	2.5
32	MP3B	Z	-27.455	2.5
33	MP3B	Mx	0	2.5
34	MP3C	X	-31.447	2.5
35	MP3C	Z	-18.156	2.5
36	MP3C	Mx	.016	2.5
37	MP2A	X	-48.397	1.33
38	MP2A	Z	-27.942	1.33
39	MP2A	Mx	.02	1.33
40	MP2A	X	-48.397	5.33
41	MP2A	Z	-27.942	5.33
42	MP2A	Mx	.02	5.33
43	MP2B	X	-84.523	1.33
44	MP2B	Z	-48.799	1.33
45	MP2B	Mx	.057	1.33
46	MP2B	X	-84.523	5.33
47	MP2B	Z	-48.799	5.33
48	MP2B	Mx	.057	5.33
49	MP2C	X	-48.397	1.33
50	MP2C	Z	-27.942	1.33
51	MP2C	Mx	-.053	1.33
52	MP2C	X	-48.397	5.33
53	MP2C	Z	-27.942	5.33
54	MP2C	Mx	-.053	5.33
55	MP2A	X	-48.397	1.33
56	MP2A	Z	-27.942	1.33
57	MP2A	Mx	.053	1.33
58	MP2A	X	-48.397	5.33
59	MP2A	Z	-27.942	5.33
60	MP2A	Mx	.053	5.33
61	MP2B	X	-84.523	1.33
62	MP2B	Z	-48.799	1.33
63	MP2B	Mx	-.057	1.33
64	MP2B	X	-84.523	5.33
65	MP2B	Z	-48.799	5.33
66	MP2B	Mx	-.057	5.33
67	MP2C	X	-48.397	1.33
68	MP2C	Z	-27.942	1.33
69	MP2C	Mx	-.02	1.33
70	MP2C	X	-48.397	5.33
71	MP2C	Z	-27.942	5.33
72	MP2C	Mx	-.02	5.33
73	MP1A	X	-72.123	1.5
74	MP1A	Z	-41.64	1.5
75	MP1A	Mx	.084	1.5
76	MP1A	X	-72.123	4.5
77	MP1A	Z	-41.64	4.5
78	MP1A	Mx	.084	4.5
79	MP1B	X	-40.037	1.5
80	MP1B	Z	-23.115	1.5
81	MP1B	Mx	0	1.5
82	MP1B	X	-40.037	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP1B	Z	-23.115	4.5
84	MP1B	Mx	0	4.5
85	MP1C	X	-72.123	1.5
86	MP1C	Z	-41.64	1.5
87	MP1C	Mx	-.084	1.5
88	MP1C	X	-72.123	4.5
89	MP1C	Z	-41.64	4.5
90	MP1C	Mx	-.084	4.5
91	MP5A	X	-72.123	1.5
92	MP5A	Z	-41.64	1.5
93	MP5A	Mx	.084	1.5
94	MP5A	X	-72.123	4.5
95	MP5A	Z	-41.64	4.5
96	MP5A	Mx	.084	4.5
97	MP5B	X	-40.037	1.5
98	MP5B	Z	-23.115	1.5
99	MP5B	Mx	0	1.5
100	MP5B	X	-40.037	4.5
101	MP5B	Z	-23.115	4.5
102	MP5B	Mx	0	4.5
103	MP5C	X	-72.123	1.5
104	MP5C	Z	-41.64	1.5
105	MP5C	Mx	-.084	1.5
106	MP5C	X	-72.123	4.5
107	MP5C	Z	-41.64	4.5
108	MP5C	Mx	-.084	4.5
109	OVP	X	-97.255	.75
110	OVP	Z	-56.15	.75
111	OVP	Mx	0	.75
112	MP2A	X	-14.759	4.5
113	MP2A	Z	-8.521	4.5
114	MP2A	Mx	-.018	4.5
115	MP2A	X	-14.759	5.5
116	MP2A	Z	-8.521	5.5
117	MP2A	Mx	-.018	5.5
118	MP2A	X	-14.759	4.5
119	MP2A	Z	-8.521	4.5
120	MP2A	Mx	-.012	4.5
121	MP2A	X	-14.759	5.5
122	MP2A	Z	-8.521	5.5
123	MP2A	Mx	-.012	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-35.293	2
2	MP4A	Z	-61.129	2
3	MP4A	Mx	.018	2
4	MP4A	X	-35.293	4
5	MP4A	Z	-61.129	4
6	MP4A	Mx	.018	4
7	MP4B	X	-35.293	2
8	MP4B	Z	-61.129	2
9	MP4B	Mx	.018	2
10	MP4B	X	-35.293	4
11	MP4B	Z	-61.129	4
12	MP4B	Mx	.018	4
13	MP4C	X	-16.296	2
14	MP4C	Z	-28.226	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP4C	Mx	-.016	2
16	MP4C	X	-16.296	4
17	MP4C	Z	-28.226	4
18	MP4C	Mx	-.016	4
19	MP2A	X	-25.197	2.5
20	MP2A	Z	-43.642	2.5
21	MP2A	Mx	-.013	2.5
22	MP2B	X	-25.197	2.5
23	MP2B	Z	-43.642	2.5
24	MP2B	Mx	-.013	2.5
25	MP2C	X	-18.421	2.5
26	MP2C	Z	-31.907	2.5
27	MP2C	Mx	.018	2.5
28	MP3A	X	-24.355	2.5
29	MP3A	Z	-42.185	2.5
30	MP3A	Mx	-.012	2.5
31	MP3B	X	-24.355	2.5
32	MP3B	Z	-42.185	2.5
33	MP3B	Mx	-.012	2.5
34	MP3C	X	-15.056	2.5
35	MP3C	Z	-26.078	2.5
36	MP3C	Mx	.015	2.5
37	MP2A	X	-41.847	1.33
38	MP2A	Z	-72.481	1.33
39	MP2A	Mx	-.011	1.33
40	MP2A	X	-41.847	5.33
41	MP2A	Z	-72.481	5.33
42	MP2A	Mx	-.011	5.33
43	MP2B	X	-41.847	1.33
44	MP2B	Z	-72.481	1.33
45	MP2B	Mx	.074	1.33
46	MP2B	X	-41.847	5.33
47	MP2B	Z	-72.481	5.33
48	MP2B	Mx	.074	5.33
49	MP2C	X	-20.99	1.33
50	MP2C	Z	-36.355	1.33
51	MP2C	Mx	-.031	1.33
52	MP2C	X	-20.99	5.33
53	MP2C	Z	-36.355	5.33
54	MP2C	Mx	-.031	5.33
55	MP2A	X	-41.847	1.33
56	MP2A	Z	-72.481	1.33
57	MP2A	Mx	.074	1.33
58	MP2A	X	-41.847	5.33
59	MP2A	Z	-72.481	5.33
60	MP2A	Mx	.074	5.33
61	MP2B	X	-41.847	1.33
62	MP2B	Z	-72.481	1.33
63	MP2B	Mx	-.011	1.33
64	MP2B	X	-41.847	5.33
65	MP2B	Z	-72.481	5.33
66	MP2B	Mx	-.011	5.33
67	MP2C	X	-20.99	1.33
68	MP2C	Z	-36.355	1.33
69	MP2C	Mx	-.031	1.33
70	MP2C	X	-20.99	5.33
71	MP2C	Z	-36.355	5.33
72	MP2C	Mx	-.031	5.33
73	MP1A	X	-29.29	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP1A	Z	-50.732	1.5
75	MP1A	Mx	.034	1.5
76	MP1A	X	-29.29	4.5
77	MP1A	Z	-50.732	4.5
78	MP1A	Mx	.034	4.5
79	MP1B	X	-29.29	1.5
80	MP1B	Z	-50.732	1.5
81	MP1B	Mx	.034	1.5
82	MP1B	X	-29.29	4.5
83	MP1B	Z	-50.732	4.5
84	MP1B	Mx	.034	4.5
85	MP1C	X	-47.815	1.5
86	MP1C	Z	-82.818	1.5
87	MP1C	Mx	-.112	1.5
88	MP1C	X	-47.815	4.5
89	MP1C	Z	-82.818	4.5
90	MP1C	Mx	-.112	4.5
91	MP5A	X	-29.29	1.5
92	MP5A	Z	-50.732	1.5
93	MP5A	Mx	.034	1.5
94	MP5A	X	-29.29	4.5
95	MP5A	Z	-50.732	4.5
96	MP5A	Mx	.034	4.5
97	MP5B	X	-29.29	1.5
98	MP5B	Z	-50.732	1.5
99	MP5B	Mx	.034	1.5
100	MP5B	X	-29.29	4.5
101	MP5B	Z	-50.732	4.5
102	MP5B	Mx	.034	4.5
103	MP5C	X	-47.815	1.5
104	MP5C	Z	-82.818	1.5
105	MP5C	Mx	-.112	1.5
106	MP5C	X	-47.815	4.5
107	MP5C	Z	-82.818	4.5
108	MP5C	Mx	-.112	4.5
109	OVP	X	-52.784	.75
110	OVP	Z	-91.425	.75
111	OVP	Mx	0	.75
112	MP2A	X	-8.508	4.5
113	MP2A	Z	-14.737	4.5
114	MP2A	Mx	-.013	4.5
115	MP2A	X	-8.508	5.5
116	MP2A	Z	-14.737	5.5
117	MP2A	Mx	-.013	5.5
118	MP2A	X	-8.508	4.5
119	MP2A	Z	-14.737	4.5
120	MP2A	Mx	-.004	4.5
121	MP2A	X	-8.508	5.5
122	MP2A	Z	-14.737	5.5
123	MP2A	Mx	-.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2
2	MP4A	Z	-17.749	2
3	MP4A	Mx	0	2
4	MP4A	X	0	4
5	MP4A	Z	-17.749	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP4A	Mx	0	4
7	MP4B	X	0	2
8	MP4B	Z	-10.101	2
9	MP4B	Mx	.004	2
10	MP4B	X	0	4
11	MP4B	Z	-10.101	4
12	MP4B	Mx	.004	4
13	MP4C	X	0	2
14	MP4C	Z	-10.101	2
15	MP4C	Mx	-.004	2
16	MP4C	X	0	4
17	MP4C	Z	-10.101	4
18	MP4C	Mx	-.004	4
19	MP2A	X	0	2.5
20	MP2A	Z	-14.947	2.5
21	MP2A	Mx	0	2.5
22	MP2B	X	0	2.5
23	MP2B	Z	-11.53	2.5
24	MP2B	Mx	-.005	2.5
25	MP2C	X	0	2.5
26	MP2C	Z	-11.53	2.5
27	MP2C	Mx	.005	2.5
28	MP3A	X	0	2.5
29	MP3A	Z	-14.947	2.5
30	MP3A	Mx	0	2.5
31	MP3B	X	0	2.5
32	MP3B	Z	-10.232	2.5
33	MP3B	Mx	-.004	2.5
34	MP3C	X	0	2.5
35	MP3C	Z	-10.232	2.5
36	MP3C	Mx	.004	2.5
37	MP2A	X	0	1.33
38	MP2A	Z	-30.089	1.33
39	MP2A	Mx	-.018	1.33
40	MP2A	X	0	5.33
41	MP2A	Z	-30.089	5.33
42	MP2A	Mx	-.018	5.33
43	MP2B	X	0	1.33
44	MP2B	Z	-23.077	1.33
45	MP2B	Mx	.022	1.33
46	MP2B	X	0	5.33
47	MP2B	Z	-23.077	5.33
48	MP2B	Mx	.022	5.33
49	MP2C	X	0	1.33
50	MP2C	Z	-23.077	1.33
51	MP2C	Mx	-.008	1.33
52	MP2C	X	0	5.33
53	MP2C	Z	-23.077	5.33
54	MP2C	Mx	-.008	5.33
55	MP2A	X	0	1.33
56	MP2A	Z	-30.089	1.33
57	MP2A	Mx	.018	1.33
58	MP2A	X	0	5.33
59	MP2A	Z	-30.089	5.33
60	MP2A	Mx	.018	5.33
61	MP2B	X	0	1.33
62	MP2B	Z	-23.077	1.33
63	MP2B	Mx	.008	1.33
64	MP2B	X	0	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	Z	-23.077	5.33
66	MP2B	Mx	.008	5.33
67	MP2C	X	0	1.33
68	MP2C	Z	-23.077	1.33
69	MP2C	Mx	-.022	1.33
70	MP2C	X	0	5.33
71	MP2C	Z	-23.077	5.33
72	MP2C	Mx	-.022	5.33
73	MP1A	X	0	1.5
74	MP1A	Z	-10.566	1.5
75	MP1A	Mx	0	1.5
76	MP1A	X	0	4.5
77	MP1A	Z	-10.566	4.5
78	MP1A	Mx	0	4.5
79	MP1B	X	0	1.5
80	MP1B	Z	-17.796	1.5
81	MP1B	Mx	.018	1.5
82	MP1B	X	0	4.5
83	MP1B	Z	-17.796	4.5
84	MP1B	Mx	.018	4.5
85	MP1C	X	0	1.5
86	MP1C	Z	-17.796	1.5
87	MP1C	Mx	-.018	1.5
88	MP1C	X	0	4.5
89	MP1C	Z	-17.796	4.5
90	MP1C	Mx	-.018	4.5
91	MP5A	X	0	1.5
92	MP5A	Z	-10.566	1.5
93	MP5A	Mx	0	1.5
94	MP5A	X	0	4.5
95	MP5A	Z	-10.566	4.5
96	MP5A	Mx	0	4.5
97	MP5B	X	0	1.5
98	MP5B	Z	-17.796	1.5
99	MP5B	Mx	.018	1.5
100	MP5B	X	0	4.5
101	MP5B	Z	-17.796	4.5
102	MP5B	Mx	.018	4.5
103	MP5C	X	0	1.5
104	MP5C	Z	-17.796	1.5
105	MP5C	Mx	-.018	1.5
106	MP5C	X	0	4.5
107	MP5C	Z	-17.796	4.5
108	MP5C	Mx	-.018	4.5
109	OVP	X	0	.75
110	OVP	Z	-25.708	.75
111	OVP	Mx	0	.75
112	MP2A	X	0	4.5
113	MP2A	Z	-1.542	4.5
114	MP2A	Mx	-.000514	4.5
115	MP2A	X	0	5.5
116	MP2A	Z	-1.542	5.5
117	MP2A	Mx	-.000514	5.5
118	MP2A	X	0	4.5
119	MP2A	Z	-1.542	4.5
120	MP2A	Mx	.000514	4.5
121	MP2A	X	0	5.5
122	MP2A	Z	-1.542	5.5
123	MP2A	Mx	.000514	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	7.6	2
2	MP4A	Z	-13.163	2
3	MP4A	Mx	-.004	2
4	MP4A	X	7.6	4
5	MP4A	Z	-13.163	4
6	MP4A	Mx	-.004	4
7	MP4B	X	3.776	2
8	MP4B	Z	-6.54	2
9	MP4B	Mx	.004	2
10	MP4B	X	3.776	4
11	MP4B	Z	-6.54	4
12	MP4B	Mx	.004	4
13	MP4C	X	7.6	2
14	MP4C	Z	-13.163	2
15	MP4C	Mx	-.004	2
16	MP4C	X	7.6	4
17	MP4C	Z	-13.163	4
18	MP4C	Mx	-.004	4
19	MP2A	X	6.904	2.5
20	MP2A	Z	-11.958	2.5
21	MP2A	Mx	.003	2.5
22	MP2B	X	5.196	2.5
23	MP2B	Z	-8.999	2.5
24	MP2B	Mx	-.005	2.5
25	MP2C	X	6.904	2.5
26	MP2C	Z	-11.958	2.5
27	MP2C	Mx	.003	2.5
28	MP3A	X	6.688	2.5
29	MP3A	Z	-11.584	2.5
30	MP3A	Mx	.003	2.5
31	MP3B	X	4.33	2.5
32	MP3B	Z	-7.5	2.5
33	MP3B	Mx	-.004	2.5
34	MP3C	X	6.688	2.5
35	MP3C	Z	-11.584	2.5
36	MP3C	Mx	.003	2.5
37	MP2A	X	13.876	1.33
38	MP2A	Z	-24.033	1.33
39	MP2A	Mx	-.024	1.33
40	MP2A	X	13.876	5.33
41	MP2A	Z	-24.033	5.33
42	MP2A	Mx	-.024	5.33
43	MP2B	X	10.37	1.33
44	MP2B	Z	-17.961	1.33
45	MP2B	Mx	.016	1.33
46	MP2B	X	10.37	5.33
47	MP2B	Z	-17.961	5.33
48	MP2B	Mx	.016	5.33
49	MP2C	X	13.876	1.33
50	MP2C	Z	-24.033	1.33
51	MP2C	Mx	.004	1.33
52	MP2C	X	13.876	5.33
53	MP2C	Z	-24.033	5.33
54	MP2C	Mx	.004	5.33
55	MP2A	X	13.876	1.33
56	MP2A	Z	-24.033	1.33
57	MP2A	Mx	.004	1.33
58	MP2A	X	13.876	5.33
59	MP2A	Z	-24.033	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP2A	Mx	.004	5.33
61	MP2B	X	10.37	1.33
62	MP2B	Z	-17.961	1.33
63	MP2B	Mx	.016	1.33
64	MP2B	X	10.37	5.33
65	MP2B	Z	-17.961	5.33
66	MP2B	Mx	.016	5.33
67	MP2C	X	13.876	1.33
68	MP2C	Z	-24.033	1.33
69	MP2C	Mx	-.024	1.33
70	MP2C	X	13.876	5.33
71	MP2C	Z	-24.033	5.33
72	MP2C	Mx	-.024	5.33
73	MP1A	X	6.488	1.5
74	MP1A	Z	-11.238	1.5
75	MP1A	Mx	-.008	1.5
76	MP1A	X	6.488	4.5
77	MP1A	Z	-11.238	4.5
78	MP1A	Mx	-.008	4.5
79	MP1B	X	10.103	1.5
80	MP1B	Z	-17.499	1.5
81	MP1B	Mx	.024	1.5
82	MP1B	X	10.103	4.5
83	MP1B	Z	-17.499	4.5
84	MP1B	Mx	.024	4.5
85	MP1C	X	6.488	1.5
86	MP1C	Z	-11.238	1.5
87	MP1C	Mx	-.008	1.5
88	MP1C	X	6.488	4.5
89	MP1C	Z	-11.238	4.5
90	MP1C	Mx	-.008	4.5
91	MP5A	X	6.488	1.5
92	MP5A	Z	-11.238	1.5
93	MP5A	Mx	-.008	1.5
94	MP5A	X	6.488	4.5
95	MP5A	Z	-11.238	4.5
96	MP5A	Mx	-.008	4.5
97	MP5B	X	10.103	1.5
98	MP5B	Z	-17.499	1.5
99	MP5B	Mx	.024	1.5
100	MP5B	X	10.103	4.5
101	MP5B	Z	-17.499	4.5
102	MP5B	Mx	.024	4.5
103	MP5C	X	6.488	1.5
104	MP5C	Z	-11.238	1.5
105	MP5C	Mx	-.008	1.5
106	MP5C	X	6.488	4.5
107	MP5C	Z	-11.238	4.5
108	MP5C	Mx	-.008	4.5
109	OVP	X	12.015	.75
110	OVP	Z	-20.811	.75
111	OVP	Mx	0	.75
112	MP2A	X	1.091	4.5
113	MP2A	Z	-1.89	4.5
114	MP2A	Mx	.000461	4.5
115	MP2A	X	1.091	5.5
116	MP2A	Z	-1.89	5.5
117	MP2A	Mx	.000461	5.5
118	MP2A	X	1.091	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
119	MP2A	Z	-1.89	4.5
120	MP2A	Mx	.002	4.5
121	MP2A	X	1.091	5.5
122	MP2A	Z	-1.89	5.5
123	MP2A	Mx	.002	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	8.748	2
2	MP4A	Z	-5.05	2
3	MP4A	Mx	-.004	2
4	MP4A	X	8.748	4
5	MP4A	Z	-5.05	4
6	MP4A	Mx	-.004	4
7	MP4B	X	8.748	2
8	MP4B	Z	-5.05	2
9	MP4B	Mx	.004	2
10	MP4B	X	8.748	4
11	MP4B	Z	-5.05	4
12	MP4B	Mx	.004	4
13	MP4C	X	15.371	2
14	MP4C	Z	-8.875	2
15	MP4C	Mx	0	2
16	MP4C	X	15.371	4
17	MP4C	Z	-8.875	4
18	MP4C	Mx	0	4
19	MP2A	X	9.986	2.5
20	MP2A	Z	-5.765	2.5
21	MP2A	Mx	.005	2.5
22	MP2B	X	9.986	2.5
23	MP2B	Z	-5.765	2.5
24	MP2B	Mx	-.005	2.5
25	MP2C	X	12.945	2.5
26	MP2C	Z	-7.474	2.5
27	MP2C	Mx	0	2.5
28	MP3A	X	8.861	2.5
29	MP3A	Z	-5.116	2.5
30	MP3A	Mx	.004	2.5
31	MP3B	X	8.861	2.5
32	MP3B	Z	-5.116	2.5
33	MP3B	Mx	-.004	2.5
34	MP3C	X	12.945	2.5
35	MP3C	Z	-7.474	2.5
36	MP3C	Mx	0	2.5
37	MP2A	X	19.985	1.33
38	MP2A	Z	-11.538	1.33
39	MP2A	Mx	-.022	1.33
40	MP2A	X	19.985	5.33
41	MP2A	Z	-11.538	5.33
42	MP2A	Mx	-.022	5.33
43	MP2B	X	19.985	1.33
44	MP2B	Z	-11.538	1.33
45	MP2B	Mx	.008	1.33
46	MP2B	X	19.985	5.33
47	MP2B	Z	-11.538	5.33
48	MP2B	Mx	.008	5.33
49	MP2C	X	26.057	1.33
50	MP2C	Z	-15.044	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP2C	Mx	.018	1.33
52	MP2C	X	26.057	5.33
53	MP2C	Z	-15.044	5.33
54	MP2C	Mx	.018	5.33
55	MP2A	X	19.985	1.33
56	MP2A	Z	-11.538	1.33
57	MP2A	Mx	-.008	1.33
58	MP2A	X	19.985	5.33
59	MP2A	Z	-11.538	5.33
60	MP2A	Mx	-.008	5.33
61	MP2B	X	19.985	1.33
62	MP2B	Z	-11.538	1.33
63	MP2B	Mx	.022	1.33
64	MP2B	X	19.985	5.33
65	MP2B	Z	-11.538	5.33
66	MP2B	Mx	.022	5.33
67	MP2C	X	26.057	1.33
68	MP2C	Z	-15.044	1.33
69	MP2C	Mx	-.018	1.33
70	MP2C	X	26.057	5.33
71	MP2C	Z	-15.044	5.33
72	MP2C	Mx	-.018	5.33
73	MP1A	X	15.412	1.5
74	MP1A	Z	-8.898	1.5
75	MP1A	Mx	-.018	1.5
76	MP1A	X	15.412	4.5
77	MP1A	Z	-8.898	4.5
78	MP1A	Mx	-.018	4.5
79	MP1B	X	15.412	1.5
80	MP1B	Z	-8.898	1.5
81	MP1B	Mx	.018	1.5
82	MP1B	X	15.412	4.5
83	MP1B	Z	-8.898	4.5
84	MP1B	Mx	.018	4.5
85	MP1C	X	9.15	1.5
86	MP1C	Z	-5.283	1.5
87	MP1C	Mx	0	1.5
88	MP1C	X	9.15	4.5
89	MP1C	Z	-5.283	4.5
90	MP1C	Mx	0	4.5
91	MP5A	X	15.412	1.5
92	MP5A	Z	-8.898	1.5
93	MP5A	Mx	-.018	1.5
94	MP5A	X	15.412	4.5
95	MP5A	Z	-8.898	4.5
96	MP5A	Mx	-.018	4.5
97	MP5B	X	15.412	1.5
98	MP5B	Z	-8.898	1.5
99	MP5B	Mx	.018	1.5
100	MP5B	X	15.412	4.5
101	MP5B	Z	-8.898	4.5
102	MP5B	Mx	.018	4.5
103	MP5C	X	9.15	1.5
104	MP5C	Z	-5.283	1.5
105	MP5C	Mx	0	1.5
106	MP5C	X	9.15	4.5
107	MP5C	Z	-5.283	4.5
108	MP5C	Mx	0	4.5
109	OVP	X	22.264	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	OVP	Z	-12.854	.75
111	OVP	Mx	0	.75
112	MP2A	X	3	4.5
113	MP2A	Z	-1.732	4.5
114	MP2A	Mx	.002	4.5
115	MP2A	X	3	5.5
116	MP2A	Z	-1.732	5.5
117	MP2A	Mx	.002	5.5
118	MP2A	X	3	4.5
119	MP2A	Z	-1.732	4.5
120	MP2A	Mx	.004	4.5
121	MP2A	X	3	5.5
122	MP2A	Z	-1.732	5.5
123	MP2A	Mx	.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	7.551	2
2	MP4A	Z	0	2
3	MP4A	Mx	-.004	2
4	MP4A	X	7.551	4
5	MP4A	Z	0	4
6	MP4A	Mx	-.004	4
7	MP4B	X	15.2	2
8	MP4B	Z	0	2
9	MP4B	Mx	.004	2
10	MP4B	X	15.2	4
11	MP4B	Z	0	4
12	MP4B	Mx	.004	4
13	MP4C	X	15.2	2
14	MP4C	Z	0	2
15	MP4C	Mx	.004	2
16	MP4C	X	15.2	4
17	MP4C	Z	0	4
18	MP4C	Mx	.004	4
19	MP2A	X	10.392	2.5
20	MP2A	Z	0	2.5
21	MP2A	Mx	.005	2.5
22	MP2B	X	13.808	2.5
23	MP2B	Z	0	2.5
24	MP2B	Mx	-.003	2.5
25	MP2C	X	13.808	2.5
26	MP2C	Z	0	2.5
27	MP2C	Mx	-.003	2.5
28	MP3A	X	8.66	2.5
29	MP3A	Z	0	2.5
30	MP3A	Mx	.004	2.5
31	MP3B	X	13.376	2.5
32	MP3B	Z	0	2.5
33	MP3B	Mx	-.003	2.5
34	MP3C	X	13.376	2.5
35	MP3C	Z	0	2.5
36	MP3C	Mx	-.003	2.5
37	MP2A	X	20.739	1.33
38	MP2A	Z	0	1.33
39	MP2A	Mx	-.016	1.33
40	MP2A	X	20.739	5.33
41	MP2A	Z	0	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP2A	Mx	-.016	5.33
43	MP2B	X	27.751	1.33
44	MP2B	Z	0	1.33
45	MP2B	Mx	-.004	1.33
46	MP2B	X	27.751	5.33
47	MP2B	Z	0	5.33
48	MP2B	Mx	-.004	5.33
49	MP2C	X	27.751	1.33
50	MP2C	Z	0	1.33
51	MP2C	Mx	.024	1.33
52	MP2C	X	27.751	5.33
53	MP2C	Z	0	5.33
54	MP2C	Mx	.024	5.33
55	MP2A	X	20.739	1.33
56	MP2A	Z	0	1.33
57	MP2A	Mx	-.016	1.33
58	MP2A	X	20.739	5.33
59	MP2A	Z	0	5.33
60	MP2A	Mx	-.016	5.33
61	MP2B	X	27.751	1.33
62	MP2B	Z	0	1.33
63	MP2B	Mx	.024	1.33
64	MP2B	X	27.751	5.33
65	MP2B	Z	0	5.33
66	MP2B	Mx	.024	5.33
67	MP2C	X	27.751	1.33
68	MP2C	Z	0	1.33
69	MP2C	Mx	-.004	1.33
70	MP2C	X	27.751	5.33
71	MP2C	Z	0	5.33
72	MP2C	Mx	-.004	5.33
73	MP1A	X	20.206	1.5
74	MP1A	Z	0	1.5
75	MP1A	Mx	-.024	1.5
76	MP1A	X	20.206	4.5
77	MP1A	Z	0	4.5
78	MP1A	Mx	-.024	4.5
79	MP1B	X	12.976	1.5
80	MP1B	Z	0	1.5
81	MP1B	Mx	.008	1.5
82	MP1B	X	12.976	4.5
83	MP1B	Z	0	4.5
84	MP1B	Mx	.008	4.5
85	MP1C	X	12.976	1.5
86	MP1C	Z	0	1.5
87	MP1C	Mx	.008	1.5
88	MP1C	X	12.976	4.5
89	MP1C	Z	0	4.5
90	MP1C	Mx	.008	4.5
91	MP5A	X	20.206	1.5
92	MP5A	Z	0	1.5
93	MP5A	Mx	-.024	1.5
94	MP5A	X	20.206	4.5
95	MP5A	Z	0	4.5
96	MP5A	Mx	-.024	4.5
97	MP5B	X	12.976	1.5
98	MP5B	Z	0	1.5
99	MP5B	Mx	.008	1.5
100	MP5B	X	12.976	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP5B	Z	0	4.5
102	MP5B	Mx	.008	4.5
103	MP5C	X	12.976	1.5
104	MP5C	Z	0	1.5
105	MP5C	Mx	.008	1.5
106	MP5C	X	12.976	4.5
107	MP5C	Z	0	4.5
108	MP5C	Mx	.008	4.5
109	OVP	X	29.063	.75
110	OVP	Z	0	.75
111	OVP	Mx	0	.75
112	MP2A	X	4.105	4.5
113	MP2A	Z	0	4.5
114	MP2A	Mx	.004	4.5
115	MP2A	X	4.105	5.5
116	MP2A	Z	0	5.5
117	MP2A	Mx	.004	5.5
118	MP2A	X	4.105	4.5
119	MP2A	Z	0	4.5
120	MP2A	Mx	.004	4.5
121	MP2A	X	4.105	5.5
122	MP2A	Z	0	5.5
123	MP2A	Mx	.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	8.748	2
2	MP4A	Z	5.05	2
3	MP4A	Mx	-.004	2
4	MP4A	X	8.748	4
5	MP4A	Z	5.05	4
6	MP4A	Mx	-.004	4
7	MP4B	X	15.371	2
8	MP4B	Z	8.875	2
9	MP4B	Mx	0	2
10	MP4B	X	15.371	4
11	MP4B	Z	8.875	4
12	MP4B	Mx	0	4
13	MP4C	X	8.748	2
14	MP4C	Z	5.05	2
15	MP4C	Mx	.004	2
16	MP4C	X	8.748	4
17	MP4C	Z	5.05	4
18	MP4C	Mx	.004	4
19	MP2A	X	9.986	2.5
20	MP2A	Z	5.765	2.5
21	MP2A	Mx	.005	2.5
22	MP2B	X	12.945	2.5
23	MP2B	Z	7.474	2.5
24	MP2B	Mx	0	2.5
25	MP2C	X	9.986	2.5
26	MP2C	Z	5.765	2.5
27	MP2C	Mx	-.005	2.5
28	MP3A	X	8.861	2.5
29	MP3A	Z	5.116	2.5
30	MP3A	Mx	.004	2.5
31	MP3B	X	12.945	2.5
32	MP3B	Z	7.474	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3B	Mx	0	2.5
34	MP3C	X	8.861	2.5
35	MP3C	Z	5.116	2.5
36	MP3C	Mx	-.004	2.5
37	MP2A	X	19.985	1.33
38	MP2A	Z	11.538	1.33
39	MP2A	Mx	-.008	1.33
40	MP2A	X	19.985	5.33
41	MP2A	Z	11.538	5.33
42	MP2A	Mx	-.008	5.33
43	MP2B	X	26.057	1.33
44	MP2B	Z	15.044	1.33
45	MP2B	Mx	-.018	1.33
46	MP2B	X	26.057	5.33
47	MP2B	Z	15.044	5.33
48	MP2B	Mx	-.018	5.33
49	MP2C	X	19.985	1.33
50	MP2C	Z	11.538	1.33
51	MP2C	Mx	.022	1.33
52	MP2C	X	19.985	5.33
53	MP2C	Z	11.538	5.33
54	MP2C	Mx	.022	5.33
55	MP2A	X	19.985	1.33
56	MP2A	Z	11.538	1.33
57	MP2A	Mx	-.022	1.33
58	MP2A	X	19.985	5.33
59	MP2A	Z	11.538	5.33
60	MP2A	Mx	-.022	5.33
61	MP2B	X	26.057	1.33
62	MP2B	Z	15.044	1.33
63	MP2B	Mx	.018	1.33
64	MP2B	X	26.057	5.33
65	MP2B	Z	15.044	5.33
66	MP2B	Mx	.018	5.33
67	MP2C	X	19.985	1.33
68	MP2C	Z	11.538	1.33
69	MP2C	Mx	.008	1.33
70	MP2C	X	19.985	5.33
71	MP2C	Z	11.538	5.33
72	MP2C	Mx	.008	5.33
73	MP1A	X	15.412	1.5
74	MP1A	Z	8.898	1.5
75	MP1A	Mx	-.018	1.5
76	MP1A	X	15.412	4.5
77	MP1A	Z	8.898	4.5
78	MP1A	Mx	-.018	4.5
79	MP1B	X	9.15	1.5
80	MP1B	Z	5.283	1.5
81	MP1B	Mx	0	1.5
82	MP1B	X	9.15	4.5
83	MP1B	Z	5.283	4.5
84	MP1B	Mx	0	4.5
85	MP1C	X	15.412	1.5
86	MP1C	Z	8.898	1.5
87	MP1C	Mx	.018	1.5
88	MP1C	X	15.412	4.5
89	MP1C	Z	8.898	4.5
90	MP1C	Mx	.018	4.5
91	MP5A	X	15.412	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP5A	Z	8.898	1.5
93	MP5A	Mx	-.018	1.5
94	MP5A	X	15.412	4.5
95	MP5A	Z	8.898	4.5
96	MP5A	Mx	-.018	4.5
97	MP5B	X	9.15	1.5
98	MP5B	Z	5.283	1.5
99	MP5B	Mx	0	1.5
100	MP5B	X	9.15	4.5
101	MP5B	Z	5.283	4.5
102	MP5B	Mx	0	4.5
103	MP5C	X	15.412	1.5
104	MP5C	Z	8.898	1.5
105	MP5C	Mx	.018	1.5
106	MP5C	X	15.412	4.5
107	MP5C	Z	8.898	4.5
108	MP5C	Mx	.018	4.5
109	OVP	X	26.622	.75
110	OVP	Z	15.37	.75
111	OVP	Mx	0	.75
112	MP2A	X	3	4.5
113	MP2A	Z	1.732	4.5
114	MP2A	Mx	.004	4.5
115	MP2A	X	3	5.5
116	MP2A	Z	1.732	5.5
117	MP2A	Mx	.004	5.5
118	MP2A	X	3	4.5
119	MP2A	Z	1.732	4.5
120	MP2A	Mx	.002	4.5
121	MP2A	X	3	5.5
122	MP2A	Z	1.732	5.5
123	MP2A	Mx	.002	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	7.6	2
2	MP4A	Z	13.163	2
3	MP4A	Mx	-.004	2
4	MP4A	X	7.6	4
5	MP4A	Z	13.163	4
6	MP4A	Mx	-.004	4
7	MP4B	X	7.6	2
8	MP4B	Z	13.163	2
9	MP4B	Mx	-.004	2
10	MP4B	X	7.6	4
11	MP4B	Z	13.163	4
12	MP4B	Mx	-.004	4
13	MP4C	X	3.776	2
14	MP4C	Z	6.54	2
15	MP4C	Mx	.004	2
16	MP4C	X	3.776	4
17	MP4C	Z	6.54	4
18	MP4C	Mx	.004	4
19	MP2A	X	6.904	2.5
20	MP2A	Z	11.958	2.5
21	MP2A	Mx	.003	2.5
22	MP2B	X	6.904	2.5
23	MP2B	Z	11.958	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP2B	Mx	.003	2.5
25	MP2C	X	5.196	2.5
26	MP2C	Z	8.999	2.5
27	MP2C	Mx	-.005	2.5
28	MP3A	X	6.688	2.5
29	MP3A	Z	11.584	2.5
30	MP3A	Mx	.003	2.5
31	MP3B	X	6.688	2.5
32	MP3B	Z	11.584	2.5
33	MP3B	Mx	.003	2.5
34	MP3C	X	4.33	2.5
35	MP3C	Z	7.5	2.5
36	MP3C	Mx	-.004	2.5
37	MP2A	X	13.876	1.33
38	MP2A	Z	24.033	1.33
39	MP2A	Mx	.004	1.33
40	MP2A	X	13.876	5.33
41	MP2A	Z	24.033	5.33
42	MP2A	Mx	.004	5.33
43	MP2B	X	13.876	1.33
44	MP2B	Z	24.033	1.33
45	MP2B	Mx	-.024	1.33
46	MP2B	X	13.876	5.33
47	MP2B	Z	24.033	5.33
48	MP2B	Mx	-.024	5.33
49	MP2C	X	10.37	1.33
50	MP2C	Z	17.961	1.33
51	MP2C	Mx	.016	1.33
52	MP2C	X	10.37	5.33
53	MP2C	Z	17.961	5.33
54	MP2C	Mx	.016	5.33
55	MP2A	X	13.876	1.33
56	MP2A	Z	24.033	1.33
57	MP2A	Mx	-.024	1.33
58	MP2A	X	13.876	5.33
59	MP2A	Z	24.033	5.33
60	MP2A	Mx	-.024	5.33
61	MP2B	X	13.876	1.33
62	MP2B	Z	24.033	1.33
63	MP2B	Mx	.004	1.33
64	MP2B	X	13.876	5.33
65	MP2B	Z	24.033	5.33
66	MP2B	Mx	.004	5.33
67	MP2C	X	10.37	1.33
68	MP2C	Z	17.961	1.33
69	MP2C	Mx	.016	1.33
70	MP2C	X	10.37	5.33
71	MP2C	Z	17.961	5.33
72	MP2C	Mx	.016	5.33
73	MP1A	X	6.488	1.5
74	MP1A	Z	11.238	1.5
75	MP1A	Mx	-.008	1.5
76	MP1A	X	6.488	4.5
77	MP1A	Z	11.238	4.5
78	MP1A	Mx	-.008	4.5
79	MP1B	X	6.488	1.5
80	MP1B	Z	11.238	1.5
81	MP1B	Mx	-.008	1.5
82	MP1B	X	6.488	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP1B	Z	11.238	4.5
84	MP1B	Mx	-.008	4.5
85	MP1C	X	10.103	1.5
86	MP1C	Z	17.499	1.5
87	MP1C	Mx	.024	1.5
88	MP1C	X	10.103	4.5
89	MP1C	Z	17.499	4.5
90	MP1C	Mx	.024	4.5
91	MP5A	X	6.488	1.5
92	MP5A	Z	11.238	1.5
93	MP5A	Mx	-.008	1.5
94	MP5A	X	6.488	4.5
95	MP5A	Z	11.238	4.5
96	MP5A	Mx	-.008	4.5
97	MP5B	X	6.488	1.5
98	MP5B	Z	11.238	1.5
99	MP5B	Mx	-.008	1.5
100	MP5B	X	6.488	4.5
101	MP5B	Z	11.238	4.5
102	MP5B	Mx	-.008	4.5
103	MP5C	X	10.103	1.5
104	MP5C	Z	17.499	1.5
105	MP5C	Mx	.024	1.5
106	MP5C	X	10.103	4.5
107	MP5C	Z	17.499	4.5
108	MP5C	Mx	.024	4.5
109	OVP	X	14.531	.75
110	OVP	Z	25.169	.75
111	OVP	Mx	0	.75
112	MP2A	X	1.091	4.5
113	MP2A	Z	1.89	4.5
114	MP2A	Mx	.002	4.5
115	MP2A	X	1.091	5.5
116	MP2A	Z	1.89	5.5
117	MP2A	Mx	.002	5.5
118	MP2A	X	1.091	4.5
119	MP2A	Z	1.89	4.5
120	MP2A	Mx	.000461	4.5
121	MP2A	X	1.091	5.5
122	MP2A	Z	1.89	5.5
123	MP2A	Mx	.000461	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2
2	MP4A	Z	17.749	2
3	MP4A	Mx	0	2
4	MP4A	X	0	4
5	MP4A	Z	17.749	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2
8	MP4B	Z	10.101	2
9	MP4B	Mx	-.004	2
10	MP4B	X	0	4
11	MP4B	Z	10.101	4
12	MP4B	Mx	-.004	4
13	MP4C	X	0	2
14	MP4C	Z	10.101	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP4C	Mx	.004	2
16	MP4C	X	0	4
17	MP4C	Z	10.101	4
18	MP4C	Mx	.004	4
19	MP2A	X	0	2.5
20	MP2A	Z	14.947	2.5
21	MP2A	Mx	0	2.5
22	MP2B	X	0	2.5
23	MP2B	Z	11.53	2.5
24	MP2B	Mx	.005	2.5
25	MP2C	X	0	2.5
26	MP2C	Z	11.53	2.5
27	MP2C	Mx	-.005	2.5
28	MP3A	X	0	2.5
29	MP3A	Z	14.947	2.5
30	MP3A	Mx	0	2.5
31	MP3B	X	0	2.5
32	MP3B	Z	10.232	2.5
33	MP3B	Mx	.004	2.5
34	MP3C	X	0	2.5
35	MP3C	Z	10.232	2.5
36	MP3C	Mx	-.004	2.5
37	MP2A	X	0	1.33
38	MP2A	Z	30.089	1.33
39	MP2A	Mx	.018	1.33
40	MP2A	X	0	5.33
41	MP2A	Z	30.089	5.33
42	MP2A	Mx	.018	5.33
43	MP2B	X	0	1.33
44	MP2B	Z	23.077	1.33
45	MP2B	Mx	-.022	1.33
46	MP2B	X	0	5.33
47	MP2B	Z	23.077	5.33
48	MP2B	Mx	-.022	5.33
49	MP2C	X	0	1.33
50	MP2C	Z	23.077	1.33
51	MP2C	Mx	.008	1.33
52	MP2C	X	0	5.33
53	MP2C	Z	23.077	5.33
54	MP2C	Mx	.008	5.33
55	MP2A	X	0	1.33
56	MP2A	Z	30.089	1.33
57	MP2A	Mx	-.018	1.33
58	MP2A	X	0	5.33
59	MP2A	Z	30.089	5.33
60	MP2A	Mx	-.018	5.33
61	MP2B	X	0	1.33
62	MP2B	Z	23.077	1.33
63	MP2B	Mx	-.008	1.33
64	MP2B	X	0	5.33
65	MP2B	Z	23.077	5.33
66	MP2B	Mx	-.008	5.33
67	MP2C	X	0	1.33
68	MP2C	Z	23.077	1.33
69	MP2C	Mx	.022	1.33
70	MP2C	X	0	5.33
71	MP2C	Z	23.077	5.33
72	MP2C	Mx	.022	5.33
73	MP1A	X	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP1A	Z	10.566	1.5
75	MP1A	Mx	0	1.5
76	MP1A	X	0	4.5
77	MP1A	Z	10.566	4.5
78	MP1A	Mx	0	4.5
79	MP1B	X	0	1.5
80	MP1B	Z	17.796	1.5
81	MP1B	Mx	-.018	1.5
82	MP1B	X	0	4.5
83	MP1B	Z	17.796	4.5
84	MP1B	Mx	-.018	4.5
85	MP1C	X	0	1.5
86	MP1C	Z	17.796	1.5
87	MP1C	Mx	.018	1.5
88	MP1C	X	0	4.5
89	MP1C	Z	17.796	4.5
90	MP1C	Mx	.018	4.5
91	MP5A	X	0	1.5
92	MP5A	Z	10.566	1.5
93	MP5A	Mx	0	1.5
94	MP5A	X	0	4.5
95	MP5A	Z	10.566	4.5
96	MP5A	Mx	0	4.5
97	MP5B	X	0	1.5
98	MP5B	Z	17.796	1.5
99	MP5B	Mx	-.018	1.5
100	MP5B	X	0	4.5
101	MP5B	Z	17.796	4.5
102	MP5B	Mx	-.018	4.5
103	MP5C	X	0	1.5
104	MP5C	Z	17.796	1.5
105	MP5C	Mx	.018	1.5
106	MP5C	X	0	4.5
107	MP5C	Z	17.796	4.5
108	MP5C	Mx	.018	4.5
109	OVP	X	0	.75
110	OVP	Z	25.708	.75
111	OVP	Mx	0	.75
112	MP2A	X	0	4.5
113	MP2A	Z	1.542	4.5
114	MP2A	Mx	.000514	4.5
115	MP2A	X	0	5.5
116	MP2A	Z	1.542	5.5
117	MP2A	Mx	.000514	5.5
118	MP2A	X	0	4.5
119	MP2A	Z	1.542	4.5
120	MP2A	Mx	-.000514	4.5
121	MP2A	X	0	5.5
122	MP2A	Z	1.542	5.5
123	MP2A	Mx	-.000514	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-7.6	2
2	MP4A	Z	13.163	2
3	MP4A	Mx	.004	2
4	MP4A	X	-7.6	4
5	MP4A	Z	13.163	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP4A	Mx	.004	4
7	MP4B	X	-3.776	2
8	MP4B	Z	6.54	2
9	MP4B	Mx	-.004	2
10	MP4B	X	-3.776	4
11	MP4B	Z	6.54	4
12	MP4B	Mx	-.004	4
13	MP4C	X	-7.6	2
14	MP4C	Z	13.163	2
15	MP4C	Mx	.004	2
16	MP4C	X	-7.6	4
17	MP4C	Z	13.163	4
18	MP4C	Mx	.004	4
19	MP2A	X	-6.904	2.5
20	MP2A	Z	11.958	2.5
21	MP2A	Mx	-.003	2.5
22	MP2B	X	-5.196	2.5
23	MP2B	Z	8.999	2.5
24	MP2B	Mx	.005	2.5
25	MP2C	X	-6.904	2.5
26	MP2C	Z	11.958	2.5
27	MP2C	Mx	-.003	2.5
28	MP3A	X	-6.688	2.5
29	MP3A	Z	11.584	2.5
30	MP3A	Mx	-.003	2.5
31	MP3B	X	-4.33	2.5
32	MP3B	Z	7.5	2.5
33	MP3B	Mx	.004	2.5
34	MP3C	X	-6.688	2.5
35	MP3C	Z	11.584	2.5
36	MP3C	Mx	-.003	2.5
37	MP2A	X	-13.876	1.33
38	MP2A	Z	24.033	1.33
39	MP2A	Mx	.024	1.33
40	MP2A	X	-13.876	5.33
41	MP2A	Z	24.033	5.33
42	MP2A	Mx	.024	5.33
43	MP2B	X	-10.37	1.33
44	MP2B	Z	17.961	1.33
45	MP2B	Mx	-.016	1.33
46	MP2B	X	-10.37	5.33
47	MP2B	Z	17.961	5.33
48	MP2B	Mx	-.016	5.33
49	MP2C	X	-13.876	1.33
50	MP2C	Z	24.033	1.33
51	MP2C	Mx	-.004	1.33
52	MP2C	X	-13.876	5.33
53	MP2C	Z	24.033	5.33
54	MP2C	Mx	-.004	5.33
55	MP2A	X	-13.876	1.33
56	MP2A	Z	24.033	1.33
57	MP2A	Mx	-.004	1.33
58	MP2A	X	-13.876	5.33
59	MP2A	Z	24.033	5.33
60	MP2A	Mx	-.004	5.33
61	MP2B	X	-10.37	1.33
62	MP2B	Z	17.961	1.33
63	MP2B	Mx	-.016	1.33
64	MP2B	X	-10.37	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	Z	17.961	5.33
66	MP2B	Mx	-.016	5.33
67	MP2C	X	-13.876	1.33
68	MP2C	Z	24.033	1.33
69	MP2C	Mx	.024	1.33
70	MP2C	X	-13.876	5.33
71	MP2C	Z	24.033	5.33
72	MP2C	Mx	.024	5.33
73	MP1A	X	-6.488	1.5
74	MP1A	Z	11.238	1.5
75	MP1A	Mx	.008	1.5
76	MP1A	X	-6.488	4.5
77	MP1A	Z	11.238	4.5
78	MP1A	Mx	.008	4.5
79	MP1B	X	-10.103	1.5
80	MP1B	Z	17.499	1.5
81	MP1B	Mx	-.024	1.5
82	MP1B	X	-10.103	4.5
83	MP1B	Z	17.499	4.5
84	MP1B	Mx	-.024	4.5
85	MP1C	X	-6.488	1.5
86	MP1C	Z	11.238	1.5
87	MP1C	Mx	.008	1.5
88	MP1C	X	-6.488	4.5
89	MP1C	Z	11.238	4.5
90	MP1C	Mx	.008	4.5
91	MP5A	X	-6.488	1.5
92	MP5A	Z	11.238	1.5
93	MP5A	Mx	.008	1.5
94	MP5A	X	-6.488	4.5
95	MP5A	Z	11.238	4.5
96	MP5A	Mx	.008	4.5
97	MP5B	X	-10.103	1.5
98	MP5B	Z	17.499	1.5
99	MP5B	Mx	-.024	1.5
100	MP5B	X	-10.103	4.5
101	MP5B	Z	17.499	4.5
102	MP5B	Mx	-.024	4.5
103	MP5C	X	-6.488	1.5
104	MP5C	Z	11.238	1.5
105	MP5C	Mx	.008	1.5
106	MP5C	X	-6.488	4.5
107	MP5C	Z	11.238	4.5
108	MP5C	Mx	.008	4.5
109	OVP	X	-12.015	.75
110	OVP	Z	20.811	.75
111	OVP	Mx	0	.75
112	MP2A	X	-1.091	4.5
113	MP2A	Z	1.89	4.5
114	MP2A	Mx	-.000461	4.5
115	MP2A	X	-1.091	5.5
116	MP2A	Z	1.89	5.5
117	MP2A	Mx	-.000461	5.5
118	MP2A	X	-1.091	4.5
119	MP2A	Z	1.89	4.5
120	MP2A	Mx	-.002	4.5
121	MP2A	X	-1.091	5.5
122	MP2A	Z	1.89	5.5
123	MP2A	Mx	-.002	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-8.748	2
2	MP4A	Z	5.05	2
3	MP4A	Mx	.004	2
4	MP4A	X	-8.748	4
5	MP4A	Z	5.05	4
6	MP4A	Mx	.004	4
7	MP4B	X	-8.748	2
8	MP4B	Z	5.05	2
9	MP4B	Mx	-.004	2
10	MP4B	X	-8.748	4
11	MP4B	Z	5.05	4
12	MP4B	Mx	-.004	4
13	MP4C	X	-15.371	2
14	MP4C	Z	8.875	2
15	MP4C	Mx	0	2
16	MP4C	X	-15.371	4
17	MP4C	Z	8.875	4
18	MP4C	Mx	0	4
19	MP2A	X	-9.986	2.5
20	MP2A	Z	5.765	2.5
21	MP2A	Mx	-.005	2.5
22	MP2B	X	-9.986	2.5
23	MP2B	Z	5.765	2.5
24	MP2B	Mx	.005	2.5
25	MP2C	X	-12.945	2.5
26	MP2C	Z	7.474	2.5
27	MP2C	Mx	0	2.5
28	MP3A	X	-8.861	2.5
29	MP3A	Z	5.116	2.5
30	MP3A	Mx	-.004	2.5
31	MP3B	X	-8.861	2.5
32	MP3B	Z	5.116	2.5
33	MP3B	Mx	.004	2.5
34	MP3C	X	-12.945	2.5
35	MP3C	Z	7.474	2.5
36	MP3C	Mx	0	2.5
37	MP2A	X	-19.985	1.33
38	MP2A	Z	11.538	1.33
39	MP2A	Mx	.022	1.33
40	MP2A	X	-19.985	5.33
41	MP2A	Z	11.538	5.33
42	MP2A	Mx	.022	5.33
43	MP2B	X	-19.985	1.33
44	MP2B	Z	11.538	1.33
45	MP2B	Mx	-.008	1.33
46	MP2B	X	-19.985	5.33
47	MP2B	Z	11.538	5.33
48	MP2B	Mx	-.008	5.33
49	MP2C	X	-26.057	1.33
50	MP2C	Z	15.044	1.33
51	MP2C	Mx	-.018	1.33
52	MP2C	X	-26.057	5.33
53	MP2C	Z	15.044	5.33
54	MP2C	Mx	-.018	5.33
55	MP2A	X	-19.985	1.33
56	MP2A	Z	11.538	1.33
57	MP2A	Mx	.008	1.33
58	MP2A	X	-19.985	5.33
59	MP2A	Z	11.538	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP2A	Mx	.008	5.33
61	MP2B	X	-19.985	1.33
62	MP2B	Z	11.538	1.33
63	MP2B	Mx	-.022	1.33
64	MP2B	X	-19.985	5.33
65	MP2B	Z	11.538	5.33
66	MP2B	Mx	-.022	5.33
67	MP2C	X	-26.057	1.33
68	MP2C	Z	15.044	1.33
69	MP2C	Mx	.018	1.33
70	MP2C	X	-26.057	5.33
71	MP2C	Z	15.044	5.33
72	MP2C	Mx	.018	5.33
73	MP1A	X	-15.412	1.5
74	MP1A	Z	8.898	1.5
75	MP1A	Mx	.018	1.5
76	MP1A	X	-15.412	4.5
77	MP1A	Z	8.898	4.5
78	MP1A	Mx	.018	4.5
79	MP1B	X	-15.412	1.5
80	MP1B	Z	8.898	1.5
81	MP1B	Mx	-.018	1.5
82	MP1B	X	-15.412	4.5
83	MP1B	Z	8.898	4.5
84	MP1B	Mx	-.018	4.5
85	MP1C	X	-9.15	1.5
86	MP1C	Z	5.283	1.5
87	MP1C	Mx	0	1.5
88	MP1C	X	-9.15	4.5
89	MP1C	Z	5.283	4.5
90	MP1C	Mx	0	4.5
91	MP5A	X	-15.412	1.5
92	MP5A	Z	8.898	1.5
93	MP5A	Mx	.018	1.5
94	MP5A	X	-15.412	4.5
95	MP5A	Z	8.898	4.5
96	MP5A	Mx	.018	4.5
97	MP5B	X	-15.412	1.5
98	MP5B	Z	8.898	1.5
99	MP5B	Mx	-.018	1.5
100	MP5B	X	-15.412	4.5
101	MP5B	Z	8.898	4.5
102	MP5B	Mx	-.018	4.5
103	MP5C	X	-9.15	1.5
104	MP5C	Z	5.283	1.5
105	MP5C	Mx	0	1.5
106	MP5C	X	-9.15	4.5
107	MP5C	Z	5.283	4.5
108	MP5C	Mx	0	4.5
109	OVP	X	-22.264	.75
110	OVP	Z	12.854	.75
111	OVP	Mx	0	.75
112	MP2A	X	-3	4.5
113	MP2A	Z	1.732	4.5
114	MP2A	Mx	-.002	4.5
115	MP2A	X	-3	5.5
116	MP2A	Z	1.732	5.5
117	MP2A	Mx	-.002	5.5
118	MP2A	X	-3	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
119	MP2A	Z	1.732	4.5
120	MP2A	Mx	-.004	4.5
121	MP2A	X	-3	5.5
122	MP2A	Z	1.732	5.5
123	MP2A	Mx	-.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-7.551	2
2	MP4A	Z	0	2
3	MP4A	Mx	.004	2
4	MP4A	X	-7.551	4
5	MP4A	Z	0	4
6	MP4A	Mx	.004	4
7	MP4B	X	-15.2	2
8	MP4B	Z	0	2
9	MP4B	Mx	-.004	2
10	MP4B	X	-15.2	4
11	MP4B	Z	0	4
12	MP4B	Mx	-.004	4
13	MP4C	X	-15.2	2
14	MP4C	Z	0	2
15	MP4C	Mx	-.004	2
16	MP4C	X	-15.2	4
17	MP4C	Z	0	4
18	MP4C	Mx	-.004	4
19	MP2A	X	-10.392	2.5
20	MP2A	Z	0	2.5
21	MP2A	Mx	-.005	2.5
22	MP2B	X	-13.808	2.5
23	MP2B	Z	0	2.5
24	MP2B	Mx	.003	2.5
25	MP2C	X	-13.808	2.5
26	MP2C	Z	0	2.5
27	MP2C	Mx	.003	2.5
28	MP3A	X	-8.66	2.5
29	MP3A	Z	0	2.5
30	MP3A	Mx	-.004	2.5
31	MP3B	X	-13.376	2.5
32	MP3B	Z	0	2.5
33	MP3B	Mx	.003	2.5
34	MP3C	X	-13.376	2.5
35	MP3C	Z	0	2.5
36	MP3C	Mx	.003	2.5
37	MP2A	X	-20.739	1.33
38	MP2A	Z	0	1.33
39	MP2A	Mx	.016	1.33
40	MP2A	X	-20.739	5.33
41	MP2A	Z	0	5.33
42	MP2A	Mx	.016	5.33
43	MP2B	X	-27.751	1.33
44	MP2B	Z	0	1.33
45	MP2B	Mx	.004	1.33
46	MP2B	X	-27.751	5.33
47	MP2B	Z	0	5.33
48	MP2B	Mx	.004	5.33
49	MP2C	X	-27.751	1.33
50	MP2C	Z	0	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP2C	Mx	-.024	1.33
52	MP2C	X	-27.751	5.33
53	MP2C	Z	0	5.33
54	MP2C	Mx	-.024	5.33
55	MP2A	X	-20.739	1.33
56	MP2A	Z	0	1.33
57	MP2A	Mx	.016	1.33
58	MP2A	X	-20.739	5.33
59	MP2A	Z	0	5.33
60	MP2A	Mx	.016	5.33
61	MP2B	X	-27.751	1.33
62	MP2B	Z	0	1.33
63	MP2B	Mx	-.024	1.33
64	MP2B	X	-27.751	5.33
65	MP2B	Z	0	5.33
66	MP2B	Mx	-.024	5.33
67	MP2C	X	-27.751	1.33
68	MP2C	Z	0	1.33
69	MP2C	Mx	.004	1.33
70	MP2C	X	-27.751	5.33
71	MP2C	Z	0	5.33
72	MP2C	Mx	.004	5.33
73	MP1A	X	-20.206	1.5
74	MP1A	Z	0	1.5
75	MP1A	Mx	.024	1.5
76	MP1A	X	-20.206	4.5
77	MP1A	Z	0	4.5
78	MP1A	Mx	.024	4.5
79	MP1B	X	-12.976	1.5
80	MP1B	Z	0	1.5
81	MP1B	Mx	-.008	1.5
82	MP1B	X	-12.976	4.5
83	MP1B	Z	0	4.5
84	MP1B	Mx	-.008	4.5
85	MP1C	X	-12.976	1.5
86	MP1C	Z	0	1.5
87	MP1C	Mx	-.008	1.5
88	MP1C	X	-12.976	4.5
89	MP1C	Z	0	4.5
90	MP1C	Mx	-.008	4.5
91	MP5A	X	-20.206	1.5
92	MP5A	Z	0	1.5
93	MP5A	Mx	.024	1.5
94	MP5A	X	-20.206	4.5
95	MP5A	Z	0	4.5
96	MP5A	Mx	.024	4.5
97	MP5B	X	-12.976	1.5
98	MP5B	Z	0	1.5
99	MP5B	Mx	-.008	1.5
100	MP5B	X	-12.976	4.5
101	MP5B	Z	0	4.5
102	MP5B	Mx	-.008	4.5
103	MP5C	X	-12.976	1.5
104	MP5C	Z	0	1.5
105	MP5C	Mx	-.008	1.5
106	MP5C	X	-12.976	4.5
107	MP5C	Z	0	4.5
108	MP5C	Mx	-.008	4.5
109	OVP	X	-29.063	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	OVP	Z	0	.75
111	OVP	Mx	0	.75
112	MP2A	X	-4.105	4.5
113	MP2A	Z	0	4.5
114	MP2A	Mx	-.004	4.5
115	MP2A	X	-4.105	5.5
116	MP2A	Z	0	5.5
117	MP2A	Mx	-.004	5.5
118	MP2A	X	-4.105	4.5
119	MP2A	Z	0	4.5
120	MP2A	Mx	-.004	4.5
121	MP2A	X	-4.105	5.5
122	MP2A	Z	0	5.5
123	MP2A	Mx	-.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-8.748	2
2	MP4A	Z	-5.05	2
3	MP4A	Mx	.004	2
4	MP4A	X	-8.748	4
5	MP4A	Z	-5.05	4
6	MP4A	Mx	.004	4
7	MP4B	X	-15.371	2
8	MP4B	Z	-8.875	2
9	MP4B	Mx	0	2
10	MP4B	X	-15.371	4
11	MP4B	Z	-8.875	4
12	MP4B	Mx	0	4
13	MP4C	X	-8.748	2
14	MP4C	Z	-5.05	2
15	MP4C	Mx	-.004	2
16	MP4C	X	-8.748	4
17	MP4C	Z	-5.05	4
18	MP4C	Mx	-.004	4
19	MP2A	X	-9.986	2.5
20	MP2A	Z	-5.765	2.5
21	MP2A	Mx	-.005	2.5
22	MP2B	X	-12.945	2.5
23	MP2B	Z	-7.474	2.5
24	MP2B	Mx	0	2.5
25	MP2C	X	-9.986	2.5
26	MP2C	Z	-5.765	2.5
27	MP2C	Mx	.005	2.5
28	MP3A	X	-8.861	2.5
29	MP3A	Z	-5.116	2.5
30	MP3A	Mx	-.004	2.5
31	MP3B	X	-12.945	2.5
32	MP3B	Z	-7.474	2.5
33	MP3B	Mx	0	2.5
34	MP3C	X	-8.861	2.5
35	MP3C	Z	-5.116	2.5
36	MP3C	Mx	.004	2.5
37	MP2A	X	-19.985	1.33
38	MP2A	Z	-11.538	1.33
39	MP2A	Mx	.008	1.33
40	MP2A	X	-19.985	5.33
41	MP2A	Z	-11.538	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP2A	Mx	.008	5.33
43	MP2B	X	-26.057	1.33
44	MP2B	Z	-15.044	1.33
45	MP2B	Mx	.018	1.33
46	MP2B	X	-26.057	5.33
47	MP2B	Z	-15.044	5.33
48	MP2B	Mx	.018	5.33
49	MP2C	X	-19.985	1.33
50	MP2C	Z	-11.538	1.33
51	MP2C	Mx	-.022	1.33
52	MP2C	X	-19.985	5.33
53	MP2C	Z	-11.538	5.33
54	MP2C	Mx	-.022	5.33
55	MP2A	X	-19.985	1.33
56	MP2A	Z	-11.538	1.33
57	MP2A	Mx	.022	1.33
58	MP2A	X	-19.985	5.33
59	MP2A	Z	-11.538	5.33
60	MP2A	Mx	.022	5.33
61	MP2B	X	-26.057	1.33
62	MP2B	Z	-15.044	1.33
63	MP2B	Mx	-.018	1.33
64	MP2B	X	-26.057	5.33
65	MP2B	Z	-15.044	5.33
66	MP2B	Mx	-.018	5.33
67	MP2C	X	-19.985	1.33
68	MP2C	Z	-11.538	1.33
69	MP2C	Mx	-.008	1.33
70	MP2C	X	-19.985	5.33
71	MP2C	Z	-11.538	5.33
72	MP2C	Mx	-.008	5.33
73	MP1A	X	-15.412	1.5
74	MP1A	Z	-8.898	1.5
75	MP1A	Mx	.018	1.5
76	MP1A	X	-15.412	4.5
77	MP1A	Z	-8.898	4.5
78	MP1A	Mx	.018	4.5
79	MP1B	X	-9.15	1.5
80	MP1B	Z	-5.283	1.5
81	MP1B	Mx	0	1.5
82	MP1B	X	-9.15	4.5
83	MP1B	Z	-5.283	4.5
84	MP1B	Mx	0	4.5
85	MP1C	X	-15.412	1.5
86	MP1C	Z	-8.898	1.5
87	MP1C	Mx	-.018	1.5
88	MP1C	X	-15.412	4.5
89	MP1C	Z	-8.898	4.5
90	MP1C	Mx	-.018	4.5
91	MP5A	X	-15.412	1.5
92	MP5A	Z	-8.898	1.5
93	MP5A	Mx	.018	1.5
94	MP5A	X	-15.412	4.5
95	MP5A	Z	-8.898	4.5
96	MP5A	Mx	.018	4.5
97	MP5B	X	-9.15	1.5
98	MP5B	Z	-5.283	1.5
99	MP5B	Mx	0	1.5
100	MP5B	X	-9.15	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP5B	Z	-5.283	4.5
102	MP5B	Mx	0	4.5
103	MP5C	X	-15.412	1.5
104	MP5C	Z	-8.898	1.5
105	MP5C	Mx	-.018	1.5
106	MP5C	X	-15.412	4.5
107	MP5C	Z	-8.898	4.5
108	MP5C	Mx	-.018	4.5
109	OVP	X	-26.622	.75
110	OVP	Z	-15.37	.75
111	OVP	Mx	0	.75
112	MP2A	X	-3	4.5
113	MP2A	Z	-1.732	4.5
114	MP2A	Mx	-.004	4.5
115	MP2A	X	-3	5.5
116	MP2A	Z	-1.732	5.5
117	MP2A	Mx	-.004	5.5
118	MP2A	X	-3	4.5
119	MP2A	Z	-1.732	4.5
120	MP2A	Mx	-.002	4.5
121	MP2A	X	-3	5.5
122	MP2A	Z	-1.732	5.5
123	MP2A	Mx	-.002	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-7.6	2
2	MP4A	Z	-13.163	2
3	MP4A	Mx	.004	2
4	MP4A	X	-7.6	4
5	MP4A	Z	-13.163	4
6	MP4A	Mx	.004	4
7	MP4B	X	-7.6	2
8	MP4B	Z	-13.163	2
9	MP4B	Mx	.004	2
10	MP4B	X	-7.6	4
11	MP4B	Z	-13.163	4
12	MP4B	Mx	.004	4
13	MP4C	X	-3.776	2
14	MP4C	Z	-6.54	2
15	MP4C	Mx	-.004	2
16	MP4C	X	-3.776	4
17	MP4C	Z	-6.54	4
18	MP4C	Mx	-.004	4
19	MP2A	X	-6.904	2.5
20	MP2A	Z	-11.958	2.5
21	MP2A	Mx	-.003	2.5
22	MP2B	X	-6.904	2.5
23	MP2B	Z	-11.958	2.5
24	MP2B	Mx	-.003	2.5
25	MP2C	X	-5.196	2.5
26	MP2C	Z	-8.999	2.5
27	MP2C	Mx	.005	2.5
28	MP3A	X	-6.688	2.5
29	MP3A	Z	-11.584	2.5
30	MP3A	Mx	-.003	2.5
31	MP3B	X	-6.688	2.5
32	MP3B	Z	-11.584	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3B	Mx	-.003	2.5
34	MP3C	X	-4.33	2.5
35	MP3C	Z	-7.5	2.5
36	MP3C	Mx	.004	2.5
37	MP2A	X	-13.876	1.33
38	MP2A	Z	-24.033	1.33
39	MP2A	Mx	-.004	1.33
40	MP2A	X	-13.876	5.33
41	MP2A	Z	-24.033	5.33
42	MP2A	Mx	-.004	5.33
43	MP2B	X	-13.876	1.33
44	MP2B	Z	-24.033	1.33
45	MP2B	Mx	.024	1.33
46	MP2B	X	-13.876	5.33
47	MP2B	Z	-24.033	5.33
48	MP2B	Mx	.024	5.33
49	MP2C	X	-10.37	1.33
50	MP2C	Z	-17.961	1.33
51	MP2C	Mx	-.016	1.33
52	MP2C	X	-10.37	5.33
53	MP2C	Z	-17.961	5.33
54	MP2C	Mx	-.016	5.33
55	MP2A	X	-13.876	1.33
56	MP2A	Z	-24.033	1.33
57	MP2A	Mx	.024	1.33
58	MP2A	X	-13.876	5.33
59	MP2A	Z	-24.033	5.33
60	MP2A	Mx	.024	5.33
61	MP2B	X	-13.876	1.33
62	MP2B	Z	-24.033	1.33
63	MP2B	Mx	-.004	1.33
64	MP2B	X	-13.876	5.33
65	MP2B	Z	-24.033	5.33
66	MP2B	Mx	-.004	5.33
67	MP2C	X	-10.37	1.33
68	MP2C	Z	-17.961	1.33
69	MP2C	Mx	-.016	1.33
70	MP2C	X	-10.37	5.33
71	MP2C	Z	-17.961	5.33
72	MP2C	Mx	-.016	5.33
73	MP1A	X	-6.488	1.5
74	MP1A	Z	-11.238	1.5
75	MP1A	Mx	.008	1.5
76	MP1A	X	-6.488	4.5
77	MP1A	Z	-11.238	4.5
78	MP1A	Mx	.008	4.5
79	MP1B	X	-6.488	1.5
80	MP1B	Z	-11.238	1.5
81	MP1B	Mx	.008	1.5
82	MP1B	X	-6.488	4.5
83	MP1B	Z	-11.238	4.5
84	MP1B	Mx	.008	4.5
85	MP1C	X	-10.103	1.5
86	MP1C	Z	-17.499	1.5
87	MP1C	Mx	-.024	1.5
88	MP1C	X	-10.103	4.5
89	MP1C	Z	-17.499	4.5
90	MP1C	Mx	-.024	4.5
91	MP5A	X	-6.488	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP5A	Z	-11.238	1.5
93	MP5A	Mx	.008	1.5
94	MP5A	X	-6.488	4.5
95	MP5A	Z	-11.238	4.5
96	MP5A	Mx	.008	4.5
97	MP5B	X	-6.488	1.5
98	MP5B	Z	-11.238	1.5
99	MP5B	Mx	.008	1.5
100	MP5B	X	-6.488	4.5
101	MP5B	Z	-11.238	4.5
102	MP5B	Mx	.008	4.5
103	MP5C	X	-10.103	1.5
104	MP5C	Z	-17.499	1.5
105	MP5C	Mx	-.024	1.5
106	MP5C	X	-10.103	4.5
107	MP5C	Z	-17.499	4.5
108	MP5C	Mx	-.024	4.5
109	OVP	X	-14.531	.75
110	OVP	Z	-25.169	.75
111	OVP	Mx	0	.75
112	MP2A	X	-1.091	4.5
113	MP2A	Z	-1.89	4.5
114	MP2A	Mx	-.002	4.5
115	MP2A	X	-1.091	5.5
116	MP2A	Z	-1.89	5.5
117	MP2A	Mx	-.002	5.5
118	MP2A	X	-1.091	4.5
119	MP2A	Z	-1.89	4.5
120	MP2A	Mx	-.000461	4.5
121	MP2A	X	-1.091	5.5
122	MP2A	Z	-1.89	5.5
123	MP2A	Mx	-.000461	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2
2	MP4A	Z	-5.665	2
3	MP4A	Mx	0	2
4	MP4A	X	0	4
5	MP4A	Z	-5.665	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2
8	MP4B	Z	-3.08	2
9	MP4B	Mx	.001	2
10	MP4B	X	0	4
11	MP4B	Z	-3.08	4
12	MP4B	Mx	.001	4
13	MP4C	X	0	2
14	MP4C	Z	-3.08	2
15	MP4C	Mx	-.001	2
16	MP4C	X	0	4
17	MP4C	Z	-3.08	4
18	MP4C	Mx	-.001	4
19	MP2A	X	0	2.5
20	MP2A	Z	-3.737	2.5
21	MP2A	Mx	0	2.5
22	MP2B	X	0	2.5
23	MP2B	Z	-2.815	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP2B	Mx	-.001	2.5
25	MP2C	X	0	2.5
26	MP2C	Z	-2.815	2.5
27	MP2C	Mx	.001	2.5
28	MP3A	X	0	2.5
29	MP3A	Z	-3.737	2.5
30	MP3A	Mx	0	2.5
31	MP3B	X	0	2.5
32	MP3B	Z	-2.471	2.5
33	MP3B	Mx	-.001	2.5
34	MP3C	X	0	2.5
35	MP3C	Z	-2.471	2.5
36	MP3C	Mx	.001	2.5
37	MP2A	X	0	1.33
38	MP2A	Z	-6.642	1.33
39	MP2A	Mx	-.004	1.33
40	MP2A	X	0	5.33
41	MP2A	Z	-6.642	5.33
42	MP2A	Mx	-.004	5.33
43	MP2B	X	0	1.33
44	MP2B	Z	-3.803	1.33
45	MP2B	Mx	.004	1.33
46	MP2B	X	0	5.33
47	MP2B	Z	-3.803	5.33
48	MP2B	Mx	.004	5.33
49	MP2C	X	0	1.33
50	MP2C	Z	-3.803	1.33
51	MP2C	Mx	-.001	1.33
52	MP2C	X	0	5.33
53	MP2C	Z	-3.803	5.33
54	MP2C	Mx	-.001	5.33
55	MP2A	X	0	1.33
56	MP2A	Z	-6.642	1.33
57	MP2A	Mx	.004	1.33
58	MP2A	X	0	5.33
59	MP2A	Z	-6.642	5.33
60	MP2A	Mx	.004	5.33
61	MP2B	X	0	1.33
62	MP2B	Z	-3.803	1.33
63	MP2B	Mx	.001	1.33
64	MP2B	X	0	5.33
65	MP2B	Z	-3.803	5.33
66	MP2B	Mx	.001	5.33
67	MP2C	X	0	1.33
68	MP2C	Z	-3.803	1.33
69	MP2C	Mx	-.004	1.33
70	MP2C	X	0	5.33
71	MP2C	Z	-3.803	5.33
72	MP2C	Mx	-.004	5.33
73	MP1A	X	0	1.5
74	MP1A	Z	-3.146	1.5
75	MP1A	Mx	0	1.5
76	MP1A	X	0	4.5
77	MP1A	Z	-3.146	4.5
78	MP1A	Mx	0	4.5
79	MP1B	X	0	1.5
80	MP1B	Z	-5.667	1.5
81	MP1B	Mx	.006	1.5
82	MP1B	X	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP1B	Z	-5.667	4.5
84	MP1B	Mx	.006	4.5
85	MP1C	X	0	1.5
86	MP1C	Z	-5.667	1.5
87	MP1C	Mx	-.006	1.5
88	MP1C	X	0	4.5
89	MP1C	Z	-5.667	4.5
90	MP1C	Mx	-.006	4.5
91	MP5A	X	0	1.5
92	MP5A	Z	-3.146	1.5
93	MP5A	Mx	0	1.5
94	MP5A	X	0	4.5
95	MP5A	Z	-3.146	4.5
96	MP5A	Mx	0	4.5
97	MP5B	X	0	1.5
98	MP5B	Z	-5.667	1.5
99	MP5B	Mx	.006	1.5
100	MP5B	X	0	4.5
101	MP5B	Z	-5.667	4.5
102	MP5B	Mx	.006	4.5
103	MP5C	X	0	1.5
104	MP5C	Z	-5.667	1.5
105	MP5C	Mx	-.006	1.5
106	MP5C	X	0	4.5
107	MP5C	Z	-5.667	4.5
108	MP5C	Mx	-.006	4.5
109	OVP	X	0	.75
110	OVP	Z	-6.268	.75
111	OVP	Mx	0	.75
112	MP2A	X	0	4.5
113	MP2A	Z	-1.157	4.5
114	MP2A	Mx	-.000386	4.5
115	MP2A	X	0	5.5
116	MP2A	Z	-1.157	5.5
117	MP2A	Mx	-.000386	5.5
118	MP2A	X	0	4.5
119	MP2A	Z	-1.157	4.5
120	MP2A	Mx	.000386	4.5
121	MP2A	X	0	5.5
122	MP2A	Z	-1.157	5.5
123	MP2A	Mx	.000386	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.402	2
2	MP4A	Z	-4.16	2
3	MP4A	Mx	-.001	2
4	MP4A	X	2.402	4
5	MP4A	Z	-4.16	4
6	MP4A	Mx	-.001	4
7	MP4B	X	1.109	2
8	MP4B	Z	-1.921	2
9	MP4B	Mx	.001	2
10	MP4B	X	1.109	4
11	MP4B	Z	-1.921	4
12	MP4B	Mx	.001	4
13	MP4C	X	2.402	2
14	MP4C	Z	-4.16	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP4C	Mx	-.001	2
16	MP4C	X	2.402	4
17	MP4C	Z	-4.16	4
18	MP4C	Mx	-.001	4
19	MP2A	X	1.715	2.5
20	MP2A	Z	-2.97	2.5
21	MP2A	Mx	.000858	2.5
22	MP2B	X	1.254	2.5
23	MP2B	Z	-2.171	2.5
24	MP2B	Mx	-.001	2.5
25	MP2C	X	1.715	2.5
26	MP2C	Z	-2.97	2.5
27	MP2C	Mx	.000857	2.5
28	MP3A	X	1.657	2.5
29	MP3A	Z	-2.871	2.5
30	MP3A	Mx	.000828	2.5
31	MP3B	X	1.025	2.5
32	MP3B	Z	-1.775	2.5
33	MP3B	Mx	-.001	2.5
34	MP3C	X	1.657	2.5
35	MP3C	Z	-2.871	2.5
36	MP3C	Mx	.000829	2.5
37	MP2A	X	2.848	1.33
38	MP2A	Z	-4.933	1.33
39	MP2A	Mx	-.005	1.33
40	MP2A	X	2.848	5.33
41	MP2A	Z	-4.933	5.33
42	MP2A	Mx	-.005	5.33
43	MP2B	X	1.428	1.33
44	MP2B	Z	-2.474	1.33
45	MP2B	Mx	.002	1.33
46	MP2B	X	1.428	5.33
47	MP2B	Z	-2.474	5.33
48	MP2B	Mx	.002	5.33
49	MP2C	X	2.848	1.33
50	MP2C	Z	-4.933	1.33
51	MP2C	Mx	.000741	1.33
52	MP2C	X	2.848	5.33
53	MP2C	Z	-4.933	5.33
54	MP2C	Mx	.000741	5.33
55	MP2A	X	2.848	1.33
56	MP2A	Z	-4.933	1.33
57	MP2A	Mx	.000742	1.33
58	MP2A	X	2.848	5.33
59	MP2A	Z	-4.933	5.33
60	MP2A	Mx	.000742	5.33
61	MP2B	X	1.428	1.33
62	MP2B	Z	-2.474	1.33
63	MP2B	Mx	.002	1.33
64	MP2B	X	1.428	5.33
65	MP2B	Z	-2.474	5.33
66	MP2B	Mx	.002	5.33
67	MP2C	X	2.848	1.33
68	MP2C	Z	-4.933	1.33
69	MP2C	Mx	-.005	1.33
70	MP2C	X	2.848	5.33
71	MP2C	Z	-4.933	5.33
72	MP2C	Mx	-.005	5.33
73	MP1A	X	1.993	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP1A	Z	-3.452	1.5
75	MP1A	Mx	-.002	1.5
76	MP1A	X	1.993	4.5
77	MP1A	Z	-3.452	4.5
78	MP1A	Mx	-.002	4.5
79	MP1B	X	3.254	1.5
80	MP1B	Z	-5.636	1.5
81	MP1B	Mx	.008	1.5
82	MP1B	X	3.254	4.5
83	MP1B	Z	-5.636	4.5
84	MP1B	Mx	.008	4.5
85	MP1C	X	1.993	1.5
86	MP1C	Z	-3.452	1.5
87	MP1C	Mx	-.002	1.5
88	MP1C	X	1.993	4.5
89	MP1C	Z	-3.452	4.5
90	MP1C	Mx	-.002	4.5
91	MP5A	X	1.993	1.5
92	MP5A	Z	-3.452	1.5
93	MP5A	Mx	-.002	1.5
94	MP5A	X	1.993	4.5
95	MP5A	Z	-3.452	4.5
96	MP5A	Mx	-.002	4.5
97	MP5B	X	3.254	1.5
98	MP5B	Z	-5.636	1.5
99	MP5B	Mx	.008	1.5
100	MP5B	X	3.254	4.5
101	MP5B	Z	-5.636	4.5
102	MP5B	Mx	.008	4.5
103	MP5C	X	1.993	1.5
104	MP5C	Z	-3.452	1.5
105	MP5C	Mx	-.002	1.5
106	MP5C	X	1.993	4.5
107	MP5C	Z	-3.452	4.5
108	MP5C	Mx	-.002	4.5
109	OVP	X	2.905	.75
110	OVP	Z	-5.032	.75
111	OVP	Mx	0	.75
112	MP2A	X	.579	4.5
113	MP2A	Z	-1.003	4.5
114	MP2A	Mx	.000245	4.5
115	MP2A	X	.579	5.5
116	MP2A	Z	-1.003	5.5
117	MP2A	Mx	.000245	5.5
118	MP2A	X	.579	4.5
119	MP2A	Z	-1.003	4.5
120	MP2A	Mx	.000913	4.5
121	MP2A	X	.579	5.5
122	MP2A	Z	-1.003	5.5
123	MP2A	Mx	.000913	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.667	2
2	MP4A	Z	-1.54	2
3	MP4A	Mx	-.001	2
4	MP4A	X	2.667	4
5	MP4A	Z	-1.54	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP4A	Mx	-.001	4
7	MP4B	X	2.667	2
8	MP4B	Z	-1.54	2
9	MP4B	Mx	.001	2
10	MP4B	X	2.667	4
11	MP4B	Z	-1.54	4
12	MP4B	Mx	.001	4
13	MP4C	X	4.906	2
14	MP4C	Z	-2.833	2
15	MP4C	Mx	0	2
16	MP4C	X	4.906	4
17	MP4C	Z	-2.833	4
18	MP4C	Mx	0	4
19	MP2A	X	2.438	2.5
20	MP2A	Z	-1.407	2.5
21	MP2A	Mx	.001	2.5
22	MP2B	X	2.438	2.5
23	MP2B	Z	-1.407	2.5
24	MP2B	Mx	-.001	2.5
25	MP2C	X	3.236	2.5
26	MP2C	Z	-1.868	2.5
27	MP2C	Mx	0	2.5
28	MP3A	X	2.14	2.5
29	MP3A	Z	-1.236	2.5
30	MP3A	Mx	.001	2.5
31	MP3B	X	2.14	2.5
32	MP3B	Z	-1.236	2.5
33	MP3B	Mx	-.001	2.5
34	MP3C	X	3.236	2.5
35	MP3C	Z	-1.868	2.5
36	MP3C	Mx	0	2.5
37	MP2A	X	3.294	1.33
38	MP2A	Z	-1.902	1.33
39	MP2A	Mx	-.004	1.33
40	MP2A	X	3.294	5.33
41	MP2A	Z	-1.902	5.33
42	MP2A	Mx	-.004	5.33
43	MP2B	X	3.294	1.33
44	MP2B	Z	-1.902	1.33
45	MP2B	Mx	.001	1.33
46	MP2B	X	3.294	5.33
47	MP2B	Z	-1.902	5.33
48	MP2B	Mx	.001	5.33
49	MP2C	X	5.752	1.33
50	MP2C	Z	-3.321	1.33
51	MP2C	Mx	.004	1.33
52	MP2C	X	5.752	5.33
53	MP2C	Z	-3.321	5.33
54	MP2C	Mx	.004	5.33
55	MP2A	X	3.294	1.33
56	MP2A	Z	-1.902	1.33
57	MP2A	Mx	-.001	1.33
58	MP2A	X	3.294	5.33
59	MP2A	Z	-1.902	5.33
60	MP2A	Mx	-.001	5.33
61	MP2B	X	3.294	1.33
62	MP2B	Z	-1.902	1.33
63	MP2B	Mx	.004	1.33
64	MP2B	X	3.294	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	Z	-1.902	5.33
66	MP2B	Mx	.004	5.33
67	MP2C	X	5.752	1.33
68	MP2C	Z	-3.321	1.33
69	MP2C	Mx	-.004	1.33
70	MP2C	X	5.752	5.33
71	MP2C	Z	-3.321	5.33
72	MP2C	Mx	-.004	5.33
73	MP1A	X	4.908	1.5
74	MP1A	Z	-2.834	1.5
75	MP1A	Mx	-.006	1.5
76	MP1A	X	4.908	4.5
77	MP1A	Z	-2.834	4.5
78	MP1A	Mx	-.006	4.5
79	MP1B	X	4.908	1.5
80	MP1B	Z	-2.834	1.5
81	MP1B	Mx	.006	1.5
82	MP1B	X	4.908	4.5
83	MP1B	Z	-2.834	4.5
84	MP1B	Mx	.006	4.5
85	MP1C	X	2.725	1.5
86	MP1C	Z	-1.573	1.5
87	MP1C	Mx	0	1.5
88	MP1C	X	2.725	4.5
89	MP1C	Z	-1.573	4.5
90	MP1C	Mx	0	4.5
91	MP5A	X	4.908	1.5
92	MP5A	Z	-2.834	1.5
93	MP5A	Mx	-.006	1.5
94	MP5A	X	4.908	4.5
95	MP5A	Z	-2.834	4.5
96	MP5A	Mx	-.006	4.5
97	MP5B	X	4.908	1.5
98	MP5B	Z	-2.834	1.5
99	MP5B	Mx	.006	1.5
100	MP5B	X	4.908	4.5
101	MP5B	Z	-2.834	4.5
102	MP5B	Mx	.006	4.5
103	MP5C	X	2.725	1.5
104	MP5C	Z	-1.573	1.5
105	MP5C	Mx	0	1.5
106	MP5C	X	2.725	4.5
107	MP5C	Z	-1.573	4.5
108	MP5C	Mx	0	4.5
109	OVP	X	5.428	.75
110	OVP	Z	-3.134	.75
111	OVP	Mx	0	.75
112	MP2A	X	1.004	4.5
113	MP2A	Z	-.58	4.5
114	MP2A	Mx	.000811	4.5
115	MP2A	X	1.004	5.5
116	MP2A	Z	-.58	5.5
117	MP2A	Mx	.000811	5.5
118	MP2A	X	1.004	4.5
119	MP2A	Z	-.58	4.5
120	MP2A	Mx	.001	4.5
121	MP2A	X	1.004	5.5
122	MP2A	Z	-.58	5.5
123	MP2A	Mx	.001	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.218	2
2	MP4A	Z	0	2
3	MP4A	Mx	-.001	2
4	MP4A	X	2.218	4
5	MP4A	Z	0	4
6	MP4A	Mx	-.001	4
7	MP4B	X	4.804	2
8	MP4B	Z	0	2
9	MP4B	Mx	.001	2
10	MP4B	X	4.804	4
11	MP4B	Z	0	4
12	MP4B	Mx	.001	4
13	MP4C	X	4.804	2
14	MP4C	Z	0	2
15	MP4C	Mx	.001	2
16	MP4C	X	4.804	4
17	MP4C	Z	0	4
18	MP4C	Mx	.001	4
19	MP2A	X	2.507	2.5
20	MP2A	Z	0	2.5
21	MP2A	Mx	.001	2.5
22	MP2B	X	3.429	2.5
23	MP2B	Z	0	2.5
24	MP2B	Mx	-.000857	2.5
25	MP2C	X	3.429	2.5
26	MP2C	Z	0	2.5
27	MP2C	Mx	-.000857	2.5
28	MP3A	X	2.049	2.5
29	MP3A	Z	0	2.5
30	MP3A	Mx	.001	2.5
31	MP3B	X	3.315	2.5
32	MP3B	Z	0	2.5
33	MP3B	Mx	-.000829	2.5
34	MP3C	X	3.315	2.5
35	MP3C	Z	0	2.5
36	MP3C	Mx	-.000829	2.5
37	MP2A	X	2.857	1.33
38	MP2A	Z	0	1.33
39	MP2A	Mx	-.002	1.33
40	MP2A	X	2.857	5.33
41	MP2A	Z	0	5.33
42	MP2A	Mx	-.002	5.33
43	MP2B	X	5.696	1.33
44	MP2B	Z	0	1.33
45	MP2B	Mx	-.000742	1.33
46	MP2B	X	5.696	5.33
47	MP2B	Z	0	5.33
48	MP2B	Mx	-.000742	5.33
49	MP2C	X	5.696	1.33
50	MP2C	Z	0	1.33
51	MP2C	Mx	.005	1.33
52	MP2C	X	5.696	5.33
53	MP2C	Z	0	5.33
54	MP2C	Mx	.005	5.33
55	MP2A	X	2.857	1.33
56	MP2A	Z	0	1.33
57	MP2A	Mx	-.002	1.33
58	MP2A	X	2.857	5.33
59	MP2A	Z	0	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP2A	Mx	-.002	5.33
61	MP2B	X	5.696	1.33
62	MP2B	Z	0	1.33
63	MP2B	Mx	.005	1.33
64	MP2B	X	5.696	5.33
65	MP2B	Z	0	5.33
66	MP2B	Mx	.005	5.33
67	MP2C	X	5.696	1.33
68	MP2C	Z	0	1.33
69	MP2C	Mx	-.000742	1.33
70	MP2C	X	5.696	5.33
71	MP2C	Z	0	5.33
72	MP2C	Mx	-.000742	5.33
73	MP1A	X	6.508	1.5
74	MP1A	Z	0	1.5
75	MP1A	Mx	-.008	1.5
76	MP1A	X	6.508	4.5
77	MP1A	Z	0	4.5
78	MP1A	Mx	-.008	4.5
79	MP1B	X	3.987	1.5
80	MP1B	Z	0	1.5
81	MP1B	Mx	.002	1.5
82	MP1B	X	3.987	4.5
83	MP1B	Z	0	4.5
84	MP1B	Mx	.002	4.5
85	MP1C	X	3.987	1.5
86	MP1C	Z	0	1.5
87	MP1C	Mx	.002	1.5
88	MP1C	X	3.987	4.5
89	MP1C	Z	0	4.5
90	MP1C	Mx	.002	4.5
91	MP5A	X	6.508	1.5
92	MP5A	Z	0	1.5
93	MP5A	Mx	-.008	1.5
94	MP5A	X	6.508	4.5
95	MP5A	Z	0	4.5
96	MP5A	Mx	-.008	4.5
97	MP5B	X	3.987	1.5
98	MP5B	Z	0	1.5
99	MP5B	Mx	.002	1.5
100	MP5B	X	3.987	4.5
101	MP5B	Z	0	4.5
102	MP5B	Mx	.002	4.5
103	MP5C	X	3.987	1.5
104	MP5C	Z	0	1.5
105	MP5C	Mx	.002	1.5
106	MP5C	X	3.987	4.5
107	MP5C	Z	0	4.5
108	MP5C	Mx	.002	4.5
109	OVP	X	7.184	.75
110	OVP	Z	0	.75
111	OVP	Mx	0	.75
112	MP2A	X	1.161	4.5
113	MP2A	Z	0	4.5
114	MP2A	Mx	.001	4.5
115	MP2A	X	1.161	5.5
116	MP2A	Z	0	5.5
117	MP2A	Mx	.001	5.5
118	MP2A	X	1.161	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
119	MP2A	Z	0	4.5
120	MP2A	Mx	.001	4.5
121	MP2A	X	1.161	5.5
122	MP2A	Z	0	5.5
123	MP2A	Mx	.001	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.667	2
2	MP4A	Z	1.54	2
3	MP4A	Mx	-.001	2
4	MP4A	X	2.667	4
5	MP4A	Z	1.54	4
6	MP4A	Mx	-.001	4
7	MP4B	X	4.906	2
8	MP4B	Z	2.833	2
9	MP4B	Mx	0	2
10	MP4B	X	4.906	4
11	MP4B	Z	2.833	4
12	MP4B	Mx	0	4
13	MP4C	X	2.667	2
14	MP4C	Z	1.54	2
15	MP4C	Mx	.001	2
16	MP4C	X	2.667	4
17	MP4C	Z	1.54	4
18	MP4C	Mx	.001	4
19	MP2A	X	2.438	2.5
20	MP2A	Z	1.407	2.5
21	MP2A	Mx	.001	2.5
22	MP2B	X	3.236	2.5
23	MP2B	Z	1.868	2.5
24	MP2B	Mx	0	2.5
25	MP2C	X	2.438	2.5
26	MP2C	Z	1.407	2.5
27	MP2C	Mx	-.001	2.5
28	MP3A	X	2.14	2.5
29	MP3A	Z	1.236	2.5
30	MP3A	Mx	.001	2.5
31	MP3B	X	3.236	2.5
32	MP3B	Z	1.868	2.5
33	MP3B	Mx	0	2.5
34	MP3C	X	2.14	2.5
35	MP3C	Z	1.236	2.5
36	MP3C	Mx	-.001	2.5
37	MP2A	X	3.294	1.33
38	MP2A	Z	1.902	1.33
39	MP2A	Mx	-.001	1.33
40	MP2A	X	3.294	5.33
41	MP2A	Z	1.902	5.33
42	MP2A	Mx	-.001	5.33
43	MP2B	X	5.752	1.33
44	MP2B	Z	3.321	1.33
45	MP2B	Mx	-.004	1.33
46	MP2B	X	5.752	5.33
47	MP2B	Z	3.321	5.33
48	MP2B	Mx	-.004	5.33
49	MP2C	X	3.294	1.33
50	MP2C	Z	1.902	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP2C	Mx	.004	1.33
52	MP2C	X	3.294	5.33
53	MP2C	Z	1.902	5.33
54	MP2C	Mx	.004	5.33
55	MP2A	X	3.294	1.33
56	MP2A	Z	1.902	1.33
57	MP2A	Mx	-.004	1.33
58	MP2A	X	3.294	5.33
59	MP2A	Z	1.902	5.33
60	MP2A	Mx	-.004	5.33
61	MP2B	X	5.752	1.33
62	MP2B	Z	3.321	1.33
63	MP2B	Mx	.004	1.33
64	MP2B	X	5.752	5.33
65	MP2B	Z	3.321	5.33
66	MP2B	Mx	.004	5.33
67	MP2C	X	3.294	1.33
68	MP2C	Z	1.902	1.33
69	MP2C	Mx	.001	1.33
70	MP2C	X	3.294	5.33
71	MP2C	Z	1.902	5.33
72	MP2C	Mx	.001	5.33
73	MP1A	X	4.908	1.5
74	MP1A	Z	2.834	1.5
75	MP1A	Mx	-.006	1.5
76	MP1A	X	4.908	4.5
77	MP1A	Z	2.834	4.5
78	MP1A	Mx	-.006	4.5
79	MP1B	X	2.725	1.5
80	MP1B	Z	1.573	1.5
81	MP1B	Mx	0	1.5
82	MP1B	X	2.725	4.5
83	MP1B	Z	1.573	4.5
84	MP1B	Mx	0	4.5
85	MP1C	X	4.908	1.5
86	MP1C	Z	2.834	1.5
87	MP1C	Mx	.006	1.5
88	MP1C	X	4.908	4.5
89	MP1C	Z	2.834	4.5
90	MP1C	Mx	.006	4.5
91	MP5A	X	4.908	1.5
92	MP5A	Z	2.834	1.5
93	MP5A	Mx	-.006	1.5
94	MP5A	X	4.908	4.5
95	MP5A	Z	2.834	4.5
96	MP5A	Mx	-.006	4.5
97	MP5B	X	2.725	1.5
98	MP5B	Z	1.573	1.5
99	MP5B	Mx	0	1.5
100	MP5B	X	2.725	4.5
101	MP5B	Z	1.573	4.5
102	MP5B	Mx	0	4.5
103	MP5C	X	4.908	1.5
104	MP5C	Z	2.834	1.5
105	MP5C	Mx	.006	1.5
106	MP5C	X	4.908	4.5
107	MP5C	Z	2.834	4.5
108	MP5C	Mx	.006	4.5
109	OVP	X	6.618	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	OVP	Z	3.821	.75
111	OVP	Mx	0	.75
112	MP2A	X	1.004	4.5
113	MP2A	Z	.58	4.5
114	MP2A	Mx	.001	4.5
115	MP2A	X	1.004	5.5
116	MP2A	Z	.58	5.5
117	MP2A	Mx	.001	5.5
118	MP2A	X	1.004	4.5
119	MP2A	Z	.58	4.5
120	MP2A	Mx	.000811	4.5
121	MP2A	X	1.004	5.5
122	MP2A	Z	.58	5.5
123	MP2A	Mx	.000811	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.402	2
2	MP4A	Z	4.16	2
3	MP4A	Mx	-.001	2
4	MP4A	X	2.402	4
5	MP4A	Z	4.16	4
6	MP4A	Mx	-.001	4
7	MP4B	X	2.402	2
8	MP4B	Z	4.16	2
9	MP4B	Mx	-.001	2
10	MP4B	X	2.402	4
11	MP4B	Z	4.16	4
12	MP4B	Mx	-.001	4
13	MP4C	X	1.109	2
14	MP4C	Z	1.921	2
15	MP4C	Mx	.001	2
16	MP4C	X	1.109	4
17	MP4C	Z	1.921	4
18	MP4C	Mx	.001	4
19	MP2A	X	1.715	2.5
20	MP2A	Z	2.97	2.5
21	MP2A	Mx	.000858	2.5
22	MP2B	X	1.715	2.5
23	MP2B	Z	2.97	2.5
24	MP2B	Mx	.000857	2.5
25	MP2C	X	1.254	2.5
26	MP2C	Z	2.171	2.5
27	MP2C	Mx	-.001	2.5
28	MP3A	X	1.657	2.5
29	MP3A	Z	2.871	2.5
30	MP3A	Mx	.000828	2.5
31	MP3B	X	1.657	2.5
32	MP3B	Z	2.871	2.5
33	MP3B	Mx	.000829	2.5
34	MP3C	X	1.025	2.5
35	MP3C	Z	1.775	2.5
36	MP3C	Mx	-.001	2.5
37	MP2A	X	2.848	1.33
38	MP2A	Z	4.933	1.33
39	MP2A	Mx	.000742	1.33
40	MP2A	X	2.848	5.33
41	MP2A	Z	4.933	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP2A	Mx	.000742	5.33
43	MP2B	X	2.848	1.33
44	MP2B	Z	4.933	1.33
45	MP2B	Mx	-.005	1.33
46	MP2B	X	2.848	5.33
47	MP2B	Z	4.933	5.33
48	MP2B	Mx	-.005	5.33
49	MP2C	X	1.428	1.33
50	MP2C	Z	2.474	1.33
51	MP2C	Mx	.002	1.33
52	MP2C	X	1.428	5.33
53	MP2C	Z	2.474	5.33
54	MP2C	Mx	.002	5.33
55	MP2A	X	2.848	1.33
56	MP2A	Z	4.933	1.33
57	MP2A	Mx	-.005	1.33
58	MP2A	X	2.848	5.33
59	MP2A	Z	4.933	5.33
60	MP2A	Mx	-.005	5.33
61	MP2B	X	2.848	1.33
62	MP2B	Z	4.933	1.33
63	MP2B	Mx	.000741	1.33
64	MP2B	X	2.848	5.33
65	MP2B	Z	4.933	5.33
66	MP2B	Mx	.000741	5.33
67	MP2C	X	1.428	1.33
68	MP2C	Z	2.474	1.33
69	MP2C	Mx	.002	1.33
70	MP2C	X	1.428	5.33
71	MP2C	Z	2.474	5.33
72	MP2C	Mx	.002	5.33
73	MP1A	X	1.993	1.5
74	MP1A	Z	3.452	1.5
75	MP1A	Mx	-.002	1.5
76	MP1A	X	1.993	4.5
77	MP1A	Z	3.452	4.5
78	MP1A	Mx	-.002	4.5
79	MP1B	X	1.993	1.5
80	MP1B	Z	3.452	1.5
81	MP1B	Mx	-.002	1.5
82	MP1B	X	1.993	4.5
83	MP1B	Z	3.452	4.5
84	MP1B	Mx	-.002	4.5
85	MP1C	X	3.254	1.5
86	MP1C	Z	5.636	1.5
87	MP1C	Mx	.008	1.5
88	MP1C	X	3.254	4.5
89	MP1C	Z	5.636	4.5
90	MP1C	Mx	.008	4.5
91	MP5A	X	1.993	1.5
92	MP5A	Z	3.452	1.5
93	MP5A	Mx	-.002	1.5
94	MP5A	X	1.993	4.5
95	MP5A	Z	3.452	4.5
96	MP5A	Mx	-.002	4.5
97	MP5B	X	1.993	1.5
98	MP5B	Z	3.452	1.5
99	MP5B	Mx	-.002	1.5
100	MP5B	X	1.993	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP5B	Z	3.452	4.5
102	MP5B	Mx	-.002	4.5
103	MP5C	X	3.254	1.5
104	MP5C	Z	5.636	1.5
105	MP5C	Mx	.008	1.5
106	MP5C	X	3.254	4.5
107	MP5C	Z	5.636	4.5
108	MP5C	Mx	.008	4.5
109	OVP	X	3.592	.75
110	OVP	Z	6.222	.75
111	OVP	Mx	0	.75
112	MP2A	X	.579	4.5
113	MP2A	Z	1.003	4.5
114	MP2A	Mx	.000913	4.5
115	MP2A	X	.579	5.5
116	MP2A	Z	1.003	5.5
117	MP2A	Mx	.000913	5.5
118	MP2A	X	.579	4.5
119	MP2A	Z	1.003	4.5
120	MP2A	Mx	.000245	4.5
121	MP2A	X	.579	5.5
122	MP2A	Z	1.003	5.5
123	MP2A	Mx	.000245	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2
2	MP4A	Z	5.665	2
3	MP4A	Mx	0	2
4	MP4A	X	0	4
5	MP4A	Z	5.665	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2
8	MP4B	Z	3.08	2
9	MP4B	Mx	-.001	2
10	MP4B	X	0	4
11	MP4B	Z	3.08	4
12	MP4B	Mx	-.001	4
13	MP4C	X	0	2
14	MP4C	Z	3.08	2
15	MP4C	Mx	.001	2
16	MP4C	X	0	4
17	MP4C	Z	3.08	4
18	MP4C	Mx	.001	4
19	MP2A	X	0	2.5
20	MP2A	Z	3.737	2.5
21	MP2A	Mx	0	2.5
22	MP2B	X	0	2.5
23	MP2B	Z	2.815	2.5
24	MP2B	Mx	.001	2.5
25	MP2C	X	0	2.5
26	MP2C	Z	2.815	2.5
27	MP2C	Mx	-.001	2.5
28	MP3A	X	0	2.5
29	MP3A	Z	3.737	2.5
30	MP3A	Mx	0	2.5
31	MP3B	X	0	2.5
32	MP3B	Z	2.471	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3B	Mx	.001	2.5
34	MP3C	X	0	2.5
35	MP3C	Z	2.471	2.5
36	MP3C	Mx	-.001	2.5
37	MP2A	X	0	1.33
38	MP2A	Z	6.642	1.33
39	MP2A	Mx	.004	1.33
40	MP2A	X	0	5.33
41	MP2A	Z	6.642	5.33
42	MP2A	Mx	.004	5.33
43	MP2B	X	0	1.33
44	MP2B	Z	3.803	1.33
45	MP2B	Mx	-.004	1.33
46	MP2B	X	0	5.33
47	MP2B	Z	3.803	5.33
48	MP2B	Mx	-.004	5.33
49	MP2C	X	0	1.33
50	MP2C	Z	3.803	1.33
51	MP2C	Mx	.001	1.33
52	MP2C	X	0	5.33
53	MP2C	Z	3.803	5.33
54	MP2C	Mx	.001	5.33
55	MP2A	X	0	1.33
56	MP2A	Z	6.642	1.33
57	MP2A	Mx	-.004	1.33
58	MP2A	X	0	5.33
59	MP2A	Z	6.642	5.33
60	MP2A	Mx	-.004	5.33
61	MP2B	X	0	1.33
62	MP2B	Z	3.803	1.33
63	MP2B	Mx	-.001	1.33
64	MP2B	X	0	5.33
65	MP2B	Z	3.803	5.33
66	MP2B	Mx	-.001	5.33
67	MP2C	X	0	1.33
68	MP2C	Z	3.803	1.33
69	MP2C	Mx	.004	1.33
70	MP2C	X	0	5.33
71	MP2C	Z	3.803	5.33
72	MP2C	Mx	.004	5.33
73	MP1A	X	0	1.5
74	MP1A	Z	3.146	1.5
75	MP1A	Mx	0	1.5
76	MP1A	X	0	4.5
77	MP1A	Z	3.146	4.5
78	MP1A	Mx	0	4.5
79	MP1B	X	0	1.5
80	MP1B	Z	5.667	1.5
81	MP1B	Mx	-.006	1.5
82	MP1B	X	0	4.5
83	MP1B	Z	5.667	4.5
84	MP1B	Mx	-.006	4.5
85	MP1C	X	0	1.5
86	MP1C	Z	5.667	1.5
87	MP1C	Mx	.006	1.5
88	MP1C	X	0	4.5
89	MP1C	Z	5.667	4.5
90	MP1C	Mx	.006	4.5
91	MP5A	X	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP5A	Z	3.146	1.5
93	MP5A	Mx	0	1.5
94	MP5A	X	0	4.5
95	MP5A	Z	3.146	4.5
96	MP5A	Mx	0	4.5
97	MP5B	X	0	1.5
98	MP5B	Z	5.667	1.5
99	MP5B	Mx	-.006	1.5
100	MP5B	X	0	4.5
101	MP5B	Z	5.667	4.5
102	MP5B	Mx	-.006	4.5
103	MP5C	X	0	1.5
104	MP5C	Z	5.667	1.5
105	MP5C	Mx	.006	1.5
106	MP5C	X	0	4.5
107	MP5C	Z	5.667	4.5
108	MP5C	Mx	.006	4.5
109	OVP	X	0	.75
110	OVP	Z	6.268	.75
111	OVP	Mx	0	.75
112	MP2A	X	0	4.5
113	MP2A	Z	1.157	4.5
114	MP2A	Mx	.000386	4.5
115	MP2A	X	0	5.5
116	MP2A	Z	1.157	5.5
117	MP2A	Mx	.000386	5.5
118	MP2A	X	0	4.5
119	MP2A	Z	1.157	4.5
120	MP2A	Mx	-.000386	4.5
121	MP2A	X	0	5.5
122	MP2A	Z	1.157	5.5
123	MP2A	Mx	-.000386	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.402	2
2	MP4A	Z	4.16	2
3	MP4A	Mx	.001	2
4	MP4A	X	-2.402	4
5	MP4A	Z	4.16	4
6	MP4A	Mx	.001	4
7	MP4B	X	-1.109	2
8	MP4B	Z	1.921	2
9	MP4B	Mx	-.001	2
10	MP4B	X	-1.109	4
11	MP4B	Z	1.921	4
12	MP4B	Mx	-.001	4
13	MP4C	X	-2.402	2
14	MP4C	Z	4.16	2
15	MP4C	Mx	.001	2
16	MP4C	X	-2.402	4
17	MP4C	Z	4.16	4
18	MP4C	Mx	.001	4
19	MP2A	X	-1.715	2.5
20	MP2A	Z	2.97	2.5
21	MP2A	Mx	-.000858	2.5
22	MP2B	X	-1.254	2.5
23	MP2B	Z	2.171	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP2B	Mx	.001	2.5
25	MP2C	X	-1.715	2.5
26	MP2C	Z	2.97	2.5
27	MP2C	Mx	-.000857	2.5
28	MP3A	X	-1.657	2.5
29	MP3A	Z	2.871	2.5
30	MP3A	Mx	-.000828	2.5
31	MP3B	X	-1.025	2.5
32	MP3B	Z	1.775	2.5
33	MP3B	Mx	.001	2.5
34	MP3C	X	-1.657	2.5
35	MP3C	Z	2.871	2.5
36	MP3C	Mx	-.000829	2.5
37	MP2A	X	-2.848	1.33
38	MP2A	Z	4.933	1.33
39	MP2A	Mx	.005	1.33
40	MP2A	X	-2.848	5.33
41	MP2A	Z	4.933	5.33
42	MP2A	Mx	.005	5.33
43	MP2B	X	-1.428	1.33
44	MP2B	Z	2.474	1.33
45	MP2B	Mx	-.002	1.33
46	MP2B	X	-1.428	5.33
47	MP2B	Z	2.474	5.33
48	MP2B	Mx	-.002	5.33
49	MP2C	X	-2.848	1.33
50	MP2C	Z	4.933	1.33
51	MP2C	Mx	-.000741	1.33
52	MP2C	X	-2.848	5.33
53	MP2C	Z	4.933	5.33
54	MP2C	Mx	-.000741	5.33
55	MP2A	X	-2.848	1.33
56	MP2A	Z	4.933	1.33
57	MP2A	Mx	-.000742	1.33
58	MP2A	X	-2.848	5.33
59	MP2A	Z	4.933	5.33
60	MP2A	Mx	-.000742	5.33
61	MP2B	X	-1.428	1.33
62	MP2B	Z	2.474	1.33
63	MP2B	Mx	-.002	1.33
64	MP2B	X	-1.428	5.33
65	MP2B	Z	2.474	5.33
66	MP2B	Mx	-.002	5.33
67	MP2C	X	-2.848	1.33
68	MP2C	Z	4.933	1.33
69	MP2C	Mx	.005	1.33
70	MP2C	X	-2.848	5.33
71	MP2C	Z	4.933	5.33
72	MP2C	Mx	.005	5.33
73	MP1A	X	-1.993	1.5
74	MP1A	Z	3.452	1.5
75	MP1A	Mx	.002	1.5
76	MP1A	X	-1.993	4.5
77	MP1A	Z	3.452	4.5
78	MP1A	Mx	.002	4.5
79	MP1B	X	-3.254	1.5
80	MP1B	Z	5.636	1.5
81	MP1B	Mx	-.008	1.5
82	MP1B	X	-3.254	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP1B	Z	5.636	4.5
84	MP1B	Mx	-.008	4.5
85	MP1C	X	-1.993	1.5
86	MP1C	Z	3.452	1.5
87	MP1C	Mx	.002	1.5
88	MP1C	X	-1.993	4.5
89	MP1C	Z	3.452	4.5
90	MP1C	Mx	.002	4.5
91	MP5A	X	-1.993	1.5
92	MP5A	Z	3.452	1.5
93	MP5A	Mx	.002	1.5
94	MP5A	X	-1.993	4.5
95	MP5A	Z	3.452	4.5
96	MP5A	Mx	.002	4.5
97	MP5B	X	-3.254	1.5
98	MP5B	Z	5.636	1.5
99	MP5B	Mx	-.008	1.5
100	MP5B	X	-3.254	4.5
101	MP5B	Z	5.636	4.5
102	MP5B	Mx	-.008	4.5
103	MP5C	X	-1.993	1.5
104	MP5C	Z	3.452	1.5
105	MP5C	Mx	.002	1.5
106	MP5C	X	-1.993	4.5
107	MP5C	Z	3.452	4.5
108	MP5C	Mx	.002	4.5
109	OVP	X	-2.905	.75
110	OVP	Z	5.032	.75
111	OVP	Mx	0	.75
112	MP2A	X	-.579	4.5
113	MP2A	Z	1.003	4.5
114	MP2A	Mx	-.000245	4.5
115	MP2A	X	-.579	5.5
116	MP2A	Z	1.003	5.5
117	MP2A	Mx	-.000245	5.5
118	MP2A	X	-.579	4.5
119	MP2A	Z	1.003	4.5
120	MP2A	Mx	-.000913	4.5
121	MP2A	X	-.579	5.5
122	MP2A	Z	1.003	5.5
123	MP2A	Mx	-.000913	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.667	2
2	MP4A	Z	1.54	2
3	MP4A	Mx	.001	2
4	MP4A	X	-2.667	4
5	MP4A	Z	1.54	4
6	MP4A	Mx	.001	4
7	MP4B	X	-2.667	2
8	MP4B	Z	1.54	2
9	MP4B	Mx	-.001	2
10	MP4B	X	-2.667	4
11	MP4B	Z	1.54	4
12	MP4B	Mx	-.001	4
13	MP4C	X	-4.906	2
14	MP4C	Z	2.833	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP4C	Mx	0	2
16	MP4C	X	-4.906	4
17	MP4C	Z	2.833	4
18	MP4C	Mx	0	4
19	MP2A	X	-2.438	2.5
20	MP2A	Z	1.407	2.5
21	MP2A	Mx	-.001	2.5
22	MP2B	X	-2.438	2.5
23	MP2B	Z	1.407	2.5
24	MP2B	Mx	.001	2.5
25	MP2C	X	-3.236	2.5
26	MP2C	Z	1.868	2.5
27	MP2C	Mx	0	2.5
28	MP3A	X	-2.14	2.5
29	MP3A	Z	1.236	2.5
30	MP3A	Mx	-.001	2.5
31	MP3B	X	-2.14	2.5
32	MP3B	Z	1.236	2.5
33	MP3B	Mx	.001	2.5
34	MP3C	X	-3.236	2.5
35	MP3C	Z	1.868	2.5
36	MP3C	Mx	0	2.5
37	MP2A	X	-3.294	1.33
38	MP2A	Z	1.902	1.33
39	MP2A	Mx	.004	1.33
40	MP2A	X	-3.294	5.33
41	MP2A	Z	1.902	5.33
42	MP2A	Mx	.004	5.33
43	MP2B	X	-3.294	1.33
44	MP2B	Z	1.902	1.33
45	MP2B	Mx	-.001	1.33
46	MP2B	X	-3.294	5.33
47	MP2B	Z	1.902	5.33
48	MP2B	Mx	-.001	5.33
49	MP2C	X	-5.752	1.33
50	MP2C	Z	3.321	1.33
51	MP2C	Mx	-.004	1.33
52	MP2C	X	-5.752	5.33
53	MP2C	Z	3.321	5.33
54	MP2C	Mx	-.004	5.33
55	MP2A	X	-3.294	1.33
56	MP2A	Z	1.902	1.33
57	MP2A	Mx	.001	1.33
58	MP2A	X	-3.294	5.33
59	MP2A	Z	1.902	5.33
60	MP2A	Mx	.001	5.33
61	MP2B	X	-3.294	1.33
62	MP2B	Z	1.902	1.33
63	MP2B	Mx	-.004	1.33
64	MP2B	X	-3.294	5.33
65	MP2B	Z	1.902	5.33
66	MP2B	Mx	-.004	5.33
67	MP2C	X	-5.752	1.33
68	MP2C	Z	3.321	1.33
69	MP2C	Mx	.004	1.33
70	MP2C	X	-5.752	5.33
71	MP2C	Z	3.321	5.33
72	MP2C	Mx	.004	5.33
73	MP1A	X	-4.908	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP1A	Z	2.834	1.5
75	MP1A	Mx	.006	1.5
76	MP1A	X	-4.908	4.5
77	MP1A	Z	2.834	4.5
78	MP1A	Mx	.006	4.5
79	MP1B	X	-4.908	1.5
80	MP1B	Z	2.834	1.5
81	MP1B	Mx	-.006	1.5
82	MP1B	X	-4.908	4.5
83	MP1B	Z	2.834	4.5
84	MP1B	Mx	-.006	4.5
85	MP1C	X	-2.725	1.5
86	MP1C	Z	1.573	1.5
87	MP1C	Mx	0	1.5
88	MP1C	X	-2.725	4.5
89	MP1C	Z	1.573	4.5
90	MP1C	Mx	0	4.5
91	MP5A	X	-4.908	1.5
92	MP5A	Z	2.834	1.5
93	MP5A	Mx	.006	1.5
94	MP5A	X	-4.908	4.5
95	MP5A	Z	2.834	4.5
96	MP5A	Mx	.006	4.5
97	MP5B	X	-4.908	1.5
98	MP5B	Z	2.834	1.5
99	MP5B	Mx	-.006	1.5
100	MP5B	X	-4.908	4.5
101	MP5B	Z	2.834	4.5
102	MP5B	Mx	-.006	4.5
103	MP5C	X	-2.725	1.5
104	MP5C	Z	1.573	1.5
105	MP5C	Mx	0	1.5
106	MP5C	X	-2.725	4.5
107	MP5C	Z	1.573	4.5
108	MP5C	Mx	0	4.5
109	OVP	X	-5.428	.75
110	OVP	Z	3.134	.75
111	OVP	Mx	0	.75
112	MP2A	X	-1.004	4.5
113	MP2A	Z	.58	4.5
114	MP2A	Mx	-.000811	4.5
115	MP2A	X	-1.004	5.5
116	MP2A	Z	.58	5.5
117	MP2A	Mx	-.000811	5.5
118	MP2A	X	-1.004	4.5
119	MP2A	Z	.58	4.5
120	MP2A	Mx	-.001	4.5
121	MP2A	X	-1.004	5.5
122	MP2A	Z	.58	5.5
123	MP2A	Mx	-.001	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.218	2
2	MP4A	Z	0	2
3	MP4A	Mx	.001	2
4	MP4A	X	-2.218	4
5	MP4A	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP4A	Mx	.001	4
7	MP4B	X	-4.804	2
8	MP4B	Z	0	2
9	MP4B	Mx	-.001	2
10	MP4B	X	-4.804	4
11	MP4B	Z	0	4
12	MP4B	Mx	-.001	4
13	MP4C	X	-4.804	2
14	MP4C	Z	0	2
15	MP4C	Mx	-.001	2
16	MP4C	X	-4.804	4
17	MP4C	Z	0	4
18	MP4C	Mx	-.001	4
19	MP2A	X	-2.507	2.5
20	MP2A	Z	0	2.5
21	MP2A	Mx	-.001	2.5
22	MP2B	X	-3.429	2.5
23	MP2B	Z	0	2.5
24	MP2B	Mx	.000857	2.5
25	MP2C	X	-3.429	2.5
26	MP2C	Z	0	2.5
27	MP2C	Mx	.000857	2.5
28	MP3A	X	-2.049	2.5
29	MP3A	Z	0	2.5
30	MP3A	Mx	-.001	2.5
31	MP3B	X	-3.315	2.5
32	MP3B	Z	0	2.5
33	MP3B	Mx	.000829	2.5
34	MP3C	X	-3.315	2.5
35	MP3C	Z	0	2.5
36	MP3C	Mx	.000829	2.5
37	MP2A	X	-2.857	1.33
38	MP2A	Z	0	1.33
39	MP2A	Mx	.002	1.33
40	MP2A	X	-2.857	5.33
41	MP2A	Z	0	5.33
42	MP2A	Mx	.002	5.33
43	MP2B	X	-5.696	1.33
44	MP2B	Z	0	1.33
45	MP2B	Mx	.000742	1.33
46	MP2B	X	-5.696	5.33
47	MP2B	Z	0	5.33
48	MP2B	Mx	.000742	5.33
49	MP2C	X	-5.696	1.33
50	MP2C	Z	0	1.33
51	MP2C	Mx	-.005	1.33
52	MP2C	X	-5.696	5.33
53	MP2C	Z	0	5.33
54	MP2C	Mx	-.005	5.33
55	MP2A	X	-2.857	1.33
56	MP2A	Z	0	1.33
57	MP2A	Mx	.002	1.33
58	MP2A	X	-2.857	5.33
59	MP2A	Z	0	5.33
60	MP2A	Mx	.002	5.33
61	MP2B	X	-5.696	1.33
62	MP2B	Z	0	1.33
63	MP2B	Mx	-.005	1.33
64	MP2B	X	-5.696	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	Z	0	5.33
66	MP2B	Mx	-.005	5.33
67	MP2C	X	-5.696	1.33
68	MP2C	Z	0	1.33
69	MP2C	Mx	.000742	1.33
70	MP2C	X	-5.696	5.33
71	MP2C	Z	0	5.33
72	MP2C	Mx	.000742	5.33
73	MP1A	X	-6.508	1.5
74	MP1A	Z	0	1.5
75	MP1A	Mx	.008	1.5
76	MP1A	X	-6.508	4.5
77	MP1A	Z	0	4.5
78	MP1A	Mx	.008	4.5
79	MP1B	X	-3.987	1.5
80	MP1B	Z	0	1.5
81	MP1B	Mx	-.002	1.5
82	MP1B	X	-3.987	4.5
83	MP1B	Z	0	4.5
84	MP1B	Mx	-.002	4.5
85	MP1C	X	-3.987	1.5
86	MP1C	Z	0	1.5
87	MP1C	Mx	-.002	1.5
88	MP1C	X	-3.987	4.5
89	MP1C	Z	0	4.5
90	MP1C	Mx	-.002	4.5
91	MP5A	X	-6.508	1.5
92	MP5A	Z	0	1.5
93	MP5A	Mx	.008	1.5
94	MP5A	X	-6.508	4.5
95	MP5A	Z	0	4.5
96	MP5A	Mx	.008	4.5
97	MP5B	X	-3.987	1.5
98	MP5B	Z	0	1.5
99	MP5B	Mx	-.002	1.5
100	MP5B	X	-3.987	4.5
101	MP5B	Z	0	4.5
102	MP5B	Mx	-.002	4.5
103	MP5C	X	-3.987	1.5
104	MP5C	Z	0	1.5
105	MP5C	Mx	-.002	1.5
106	MP5C	X	-3.987	4.5
107	MP5C	Z	0	4.5
108	MP5C	Mx	-.002	4.5
109	OVP	X	-7.184	.75
110	OVP	Z	0	.75
111	OVP	Mx	0	.75
112	MP2A	X	-1.161	4.5
113	MP2A	Z	0	4.5
114	MP2A	Mx	-.001	4.5
115	MP2A	X	-1.161	5.5
116	MP2A	Z	0	5.5
117	MP2A	Mx	-.001	5.5
118	MP2A	X	-1.161	4.5
119	MP2A	Z	0	4.5
120	MP2A	Mx	-.001	4.5
121	MP2A	X	-1.161	5.5
122	MP2A	Z	0	5.5
123	MP2A	Mx	-.001	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.667	2
2	MP4A	Z	-1.54	2
3	MP4A	Mx	.001	2
4	MP4A	X	-2.667	4
5	MP4A	Z	-1.54	4
6	MP4A	Mx	.001	4
7	MP4B	X	-4.906	2
8	MP4B	Z	-2.833	2
9	MP4B	Mx	0	2
10	MP4B	X	-4.906	4
11	MP4B	Z	-2.833	4
12	MP4B	Mx	0	4
13	MP4C	X	-2.667	2
14	MP4C	Z	-1.54	2
15	MP4C	Mx	-.001	2
16	MP4C	X	-2.667	4
17	MP4C	Z	-1.54	4
18	MP4C	Mx	-.001	4
19	MP2A	X	-2.438	2.5
20	MP2A	Z	-1.407	2.5
21	MP2A	Mx	-.001	2.5
22	MP2B	X	-3.236	2.5
23	MP2B	Z	-1.868	2.5
24	MP2B	Mx	0	2.5
25	MP2C	X	-2.438	2.5
26	MP2C	Z	-1.407	2.5
27	MP2C	Mx	.001	2.5
28	MP3A	X	-2.14	2.5
29	MP3A	Z	-1.236	2.5
30	MP3A	Mx	-.001	2.5
31	MP3B	X	-3.236	2.5
32	MP3B	Z	-1.868	2.5
33	MP3B	Mx	0	2.5
34	MP3C	X	-2.14	2.5
35	MP3C	Z	-1.236	2.5
36	MP3C	Mx	.001	2.5
37	MP2A	X	-3.294	1.33
38	MP2A	Z	-1.902	1.33
39	MP2A	Mx	.001	1.33
40	MP2A	X	-3.294	5.33
41	MP2A	Z	-1.902	5.33
42	MP2A	Mx	.001	5.33
43	MP2B	X	-5.752	1.33
44	MP2B	Z	-3.321	1.33
45	MP2B	Mx	.004	1.33
46	MP2B	X	-5.752	5.33
47	MP2B	Z	-3.321	5.33
48	MP2B	Mx	.004	5.33
49	MP2C	X	-3.294	1.33
50	MP2C	Z	-1.902	1.33
51	MP2C	Mx	-.004	1.33
52	MP2C	X	-3.294	5.33
53	MP2C	Z	-1.902	5.33
54	MP2C	Mx	-.004	5.33
55	MP2A	X	-3.294	1.33
56	MP2A	Z	-1.902	1.33
57	MP2A	Mx	.004	1.33
58	MP2A	X	-3.294	5.33
59	MP2A	Z	-1.902	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP2A	Mx	.004	5.33
61	MP2B	X	-5.752	1.33
62	MP2B	Z	-3.321	1.33
63	MP2B	Mx	-.004	1.33
64	MP2B	X	-5.752	5.33
65	MP2B	Z	-3.321	5.33
66	MP2B	Mx	-.004	5.33
67	MP2C	X	-3.294	1.33
68	MP2C	Z	-1.902	1.33
69	MP2C	Mx	-.001	1.33
70	MP2C	X	-3.294	5.33
71	MP2C	Z	-1.902	5.33
72	MP2C	Mx	-.001	5.33
73	MP1A	X	-4.908	1.5
74	MP1A	Z	-2.834	1.5
75	MP1A	Mx	.006	1.5
76	MP1A	X	-4.908	4.5
77	MP1A	Z	-2.834	4.5
78	MP1A	Mx	.006	4.5
79	MP1B	X	-2.725	1.5
80	MP1B	Z	-1.573	1.5
81	MP1B	Mx	0	1.5
82	MP1B	X	-2.725	4.5
83	MP1B	Z	-1.573	4.5
84	MP1B	Mx	0	4.5
85	MP1C	X	-4.908	1.5
86	MP1C	Z	-2.834	1.5
87	MP1C	Mx	-.006	1.5
88	MP1C	X	-4.908	4.5
89	MP1C	Z	-2.834	4.5
90	MP1C	Mx	-.006	4.5
91	MP5A	X	-4.908	1.5
92	MP5A	Z	-2.834	1.5
93	MP5A	Mx	.006	1.5
94	MP5A	X	-4.908	4.5
95	MP5A	Z	-2.834	4.5
96	MP5A	Mx	.006	4.5
97	MP5B	X	-2.725	1.5
98	MP5B	Z	-1.573	1.5
99	MP5B	Mx	0	1.5
100	MP5B	X	-2.725	4.5
101	MP5B	Z	-1.573	4.5
102	MP5B	Mx	0	4.5
103	MP5C	X	-4.908	1.5
104	MP5C	Z	-2.834	1.5
105	MP5C	Mx	-.006	1.5
106	MP5C	X	-4.908	4.5
107	MP5C	Z	-2.834	4.5
108	MP5C	Mx	-.006	4.5
109	OVP	X	-6.618	.75
110	OVP	Z	-3.821	.75
111	OVP	Mx	0	.75
112	MP2A	X	-1.004	4.5
113	MP2A	Z	-.58	4.5
114	MP2A	Mx	-.001	4.5
115	MP2A	X	-1.004	5.5
116	MP2A	Z	-.58	5.5
117	MP2A	Mx	-.001	5.5
118	MP2A	X	-1.004	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
119	MP2A	Z	-.58	4.5
120	MP2A	Mx	-.000811	4.5
121	MP2A	X	-1.004	5.5
122	MP2A	Z	-.58	5.5
123	MP2A	Mx	-.000811	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.402	2
2	MP4A	Z	-4.16	2
3	MP4A	Mx	.001	2
4	MP4A	X	-2.402	4
5	MP4A	Z	-4.16	4
6	MP4A	Mx	.001	4
7	MP4B	X	-2.402	2
8	MP4B	Z	-4.16	2
9	MP4B	Mx	.001	2
10	MP4B	X	-2.402	4
11	MP4B	Z	-4.16	4
12	MP4B	Mx	.001	4
13	MP4C	X	-1.109	2
14	MP4C	Z	-1.921	2
15	MP4C	Mx	-.001	2
16	MP4C	X	-1.109	4
17	MP4C	Z	-1.921	4
18	MP4C	Mx	-.001	4
19	MP2A	X	-1.715	2.5
20	MP2A	Z	-2.97	2.5
21	MP2A	Mx	-.000858	2.5
22	MP2B	X	-1.715	2.5
23	MP2B	Z	-2.97	2.5
24	MP2B	Mx	-.000857	2.5
25	MP2C	X	-1.254	2.5
26	MP2C	Z	-2.171	2.5
27	MP2C	Mx	.001	2.5
28	MP3A	X	-1.657	2.5
29	MP3A	Z	-2.871	2.5
30	MP3A	Mx	-.000828	2.5
31	MP3B	X	-1.657	2.5
32	MP3B	Z	-2.871	2.5
33	MP3B	Mx	-.000829	2.5
34	MP3C	X	-1.025	2.5
35	MP3C	Z	-1.775	2.5
36	MP3C	Mx	.001	2.5
37	MP2A	X	-2.848	1.33
38	MP2A	Z	-4.933	1.33
39	MP2A	Mx	-.000742	1.33
40	MP2A	X	-2.848	5.33
41	MP2A	Z	-4.933	5.33
42	MP2A	Mx	-.000742	5.33
43	MP2B	X	-2.848	1.33
44	MP2B	Z	-4.933	1.33
45	MP2B	Mx	.005	1.33
46	MP2B	X	-2.848	5.33
47	MP2B	Z	-4.933	5.33
48	MP2B	Mx	.005	5.33
49	MP2C	X	-1.428	1.33
50	MP2C	Z	-2.474	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP2C	Mx	-.002	1.33
52	MP2C	X	-1.428	5.33
53	MP2C	Z	-2.474	5.33
54	MP2C	Mx	-.002	5.33
55	MP2A	X	-2.848	1.33
56	MP2A	Z	-4.933	1.33
57	MP2A	Mx	.005	1.33
58	MP2A	X	-2.848	5.33
59	MP2A	Z	-4.933	5.33
60	MP2A	Mx	.005	5.33
61	MP2B	X	-2.848	1.33
62	MP2B	Z	-4.933	1.33
63	MP2B	Mx	-.000741	1.33
64	MP2B	X	-2.848	5.33
65	MP2B	Z	-4.933	5.33
66	MP2B	Mx	-.000741	5.33
67	MP2C	X	-1.428	1.33
68	MP2C	Z	-2.474	1.33
69	MP2C	Mx	-.002	1.33
70	MP2C	X	-1.428	5.33
71	MP2C	Z	-2.474	5.33
72	MP2C	Mx	-.002	5.33
73	MP1A	X	-1.993	1.5
74	MP1A	Z	-3.452	1.5
75	MP1A	Mx	.002	1.5
76	MP1A	X	-1.993	4.5
77	MP1A	Z	-3.452	4.5
78	MP1A	Mx	.002	4.5
79	MP1B	X	-1.993	1.5
80	MP1B	Z	-3.452	1.5
81	MP1B	Mx	.002	1.5
82	MP1B	X	-1.993	4.5
83	MP1B	Z	-3.452	4.5
84	MP1B	Mx	.002	4.5
85	MP1C	X	-3.254	1.5
86	MP1C	Z	-5.636	1.5
87	MP1C	Mx	-.008	1.5
88	MP1C	X	-3.254	4.5
89	MP1C	Z	-5.636	4.5
90	MP1C	Mx	-.008	4.5
91	MP5A	X	-1.993	1.5
92	MP5A	Z	-3.452	1.5
93	MP5A	Mx	.002	1.5
94	MP5A	X	-1.993	4.5
95	MP5A	Z	-3.452	4.5
96	MP5A	Mx	.002	4.5
97	MP5B	X	-1.993	1.5
98	MP5B	Z	-3.452	1.5
99	MP5B	Mx	.002	1.5
100	MP5B	X	-1.993	4.5
101	MP5B	Z	-3.452	4.5
102	MP5B	Mx	.002	4.5
103	MP5C	X	-3.254	1.5
104	MP5C	Z	-5.636	1.5
105	MP5C	Mx	-.008	1.5
106	MP5C	X	-3.254	4.5
107	MP5C	Z	-5.636	4.5
108	MP5C	Mx	-.008	4.5
109	OVP	X	-3.592	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	OVP	Z	-6.222	.75
111	OVP	Mx	0	.75
112	MP2A	X	-.579	4.5
113	MP2A	Z	-1.003	4.5
114	MP2A	Mx	-.000913	4.5
115	MP2A	X	-.579	5.5
116	MP2A	Z	-1.003	5.5
117	MP2A	Mx	-.000913	5.5
118	MP2A	X	-.579	4.5
119	MP2A	Z	-1.003	4.5
120	MP2A	Mx	-.000245	4.5
121	MP2A	X	-.579	5.5
122	MP2A	Z	-1.003	5.5
123	MP2A	Mx	-.000245	5.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%73

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%97.93

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-1.96	2
2	MP4A	My	-.00098	2
3	MP4A	Mz	0	2
4	MP4A	Y	-1.96	4
5	MP4A	My	-.00098	4
6	MP4A	Mz	0	4
7	MP4B	Y	-1.96	2
8	MP4B	My	.00049	2
9	MP4B	Mz	-.000849	2
10	MP4B	Y	-1.96	4
11	MP4B	My	.00049	4
12	MP4B	Mz	-.000849	4
13	MP4C	Y	-1.96	2
14	MP4C	My	.00049	2
15	MP4C	Mz	.000849	2
16	MP4C	Y	-1.96	4
17	MP4C	My	.00049	4
18	MP4C	Mz	.000849	4
19	MP2A	Y	-3.799	2.5
20	MP2A	My	.002	2.5
21	MP2A	Mz	0	2.5
22	MP2B	Y	-3.799	2.5
23	MP2B	My	-.00095	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP2B	Mz	.002	2.5
25	MP2C	Y	-3.799	2.5
26	MP2C	My	-.00095	2.5
27	MP2C	Mz	-.002	2.5
28	MP3A	Y	-3.164	2.5
29	MP3A	My	.002	2.5
30	MP3A	Mz	0	2.5
31	MP3B	Y	-3.164	2.5
32	MP3B	My	-.000791	2.5
33	MP3B	Mz	.001	2.5
34	MP3C	Y	-3.164	2.5
35	MP3C	My	-.000791	2.5
36	MP3C	Mz	-.001	2.5
37	MP2A	Y	-.9	1.33
38	MP2A	My	-.000675	1.33
39	MP2A	Mz	.000525	1.33
40	MP2A	Y	-.9	5.33
41	MP2A	My	-.000675	5.33
42	MP2A	Mz	.000525	5.33
43	MP2B	Y	-.9	1.33
44	MP2B	My	-.000117	1.33
45	MP2B	Mz	-.000847	1.33
46	MP2B	Y	-.9	5.33
47	MP2B	My	-.000117	5.33
48	MP2B	Mz	-.000847	5.33
49	MP2C	Y	-.9	1.33
50	MP2C	My	.000792	1.33
51	MP2C	Mz	.000322	1.33
52	MP2C	Y	-.9	5.33
53	MP2C	My	.000792	5.33
54	MP2C	Mz	.000322	5.33
55	MP2A	Y	-.9	1.33
56	MP2A	My	-.000675	1.33
57	MP2A	Mz	-.000525	1.33
58	MP2A	Y	-.9	5.33
59	MP2A	My	-.000675	5.33
60	MP2A	Mz	-.000525	5.33
61	MP2B	Y	-.9	1.33
62	MP2B	My	.000792	1.33
63	MP2B	Mz	-.000322	1.33
64	MP2B	Y	-.9	5.33
65	MP2B	My	.000792	5.33
66	MP2B	Mz	-.000322	5.33
67	MP2C	Y	-.9	1.33
68	MP2C	My	-.000117	1.33
69	MP2C	Mz	.000847	1.33
70	MP2C	Y	-.9	5.33
71	MP2C	My	-.000117	5.33
72	MP2C	Mz	.000847	5.33
73	MP1A	Y	-.27	1.5
74	MP1A	My	-.000315	1.5
75	MP1A	Mz	0	1.5
76	MP1A	Y	-.27	4.5
77	MP1A	My	-.000315	4.5
78	MP1A	Mz	0	4.5
79	MP1B	Y	-.27	1.5
80	MP1B	My	.000158	1.5
81	MP1B	Mz	-.000273	1.5
82	MP1B	Y	-.27	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP1B	My	.000158	4.5
84	MP1B	Mz	-.000273	4.5
85	MP1C	Y	-.27	1.5
86	MP1C	My	.000158	1.5
87	MP1C	Mz	.000273	1.5
88	MP1C	Y	-.27	4.5
89	MP1C	My	.000158	4.5
90	MP1C	Mz	.000273	4.5
91	MP5A	Y	-.27	1.5
92	MP5A	My	-.000315	1.5
93	MP5A	Mz	0	1.5
94	MP5A	Y	-.27	4.5
95	MP5A	My	-.000315	4.5
96	MP5A	Mz	0	4.5
97	MP5B	Y	-.27	1.5
98	MP5B	My	.000158	1.5
99	MP5B	Mz	-.000273	1.5
100	MP5B	Y	-.27	4.5
101	MP5B	My	.000158	4.5
102	MP5B	Mz	-.000273	4.5
103	MP5C	Y	-.27	1.5
104	MP5C	My	.000158	1.5
105	MP5C	Mz	.000273	1.5
106	MP5C	Y	-.27	4.5
107	MP5C	My	.000158	4.5
108	MP5C	Mz	.000273	4.5
109	OVP	Y	-1.44	.75
110	OVP	My	0	.75
111	OVP	Mz	0	.75
112	MP2A	Y	-.396	4.5
113	MP2A	My	.000396	4.5
114	MP2A	Mz	.000132	4.5
115	MP2A	Y	-.396	5.5
116	MP2A	My	.000396	5.5
117	MP2A	Mz	.000132	5.5
118	MP2A	Y	-.396	4.5
119	MP2A	My	.000396	4.5
120	MP2A	Mz	-.000132	4.5
121	MP2A	Y	-.396	5.5
122	MP2A	My	.000396	5.5
123	MP2A	Mz	-.000132	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Z	-4.901	2
2	MP4A	Mx	0	2
3	MP4A	Z	-4.901	4
4	MP4A	Mx	0	4
5	MP4B	Z	-4.901	2
6	MP4B	Mx	.002	2
7	MP4B	Z	-4.901	4
8	MP4B	Mx	.002	4
9	MP4C	Z	-4.901	2
10	MP4C	Mx	-.002	2
11	MP4C	Z	-4.901	4
12	MP4C	Mx	-.002	4
13	MP2A	Z	-9.498	2.5
14	MP2A	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP2B	Z	-9.498	2.5
16	MP2B	Mx	-.004	2.5
17	MP2C	Z	-9.498	2.5
18	MP2C	Mx	.004	2.5
19	MP3A	Z	-7.911	2.5
20	MP3A	Mx	0	2.5
21	MP3B	Z	-7.911	2.5
22	MP3B	Mx	-.003	2.5
23	MP3C	Z	-7.911	2.5
24	MP3C	Mx	.003	2.5
25	MP2A	Z	-2.251	1.33
26	MP2A	Mx	-.001	1.33
27	MP2A	Z	-2.251	5.33
28	MP2A	Mx	-.001	5.33
29	MP2B	Z	-2.251	1.33
30	MP2B	Mx	.002	1.33
31	MP2B	Z	-2.251	5.33
32	MP2B	Mx	.002	5.33
33	MP2C	Z	-2.251	1.33
34	MP2C	Mx	-.000805	1.33
35	MP2C	Z	-2.251	5.33
36	MP2C	Mx	-.000805	5.33
37	MP2A	Z	-2.251	1.33
38	MP2A	Mx	.001	1.33
39	MP2A	Z	-2.251	5.33
40	MP2A	Mx	.001	5.33
41	MP2B	Z	-2.251	1.33
42	MP2B	Mx	.000805	1.33
43	MP2B	Z	-2.251	5.33
44	MP2B	Mx	.000805	5.33
45	MP2C	Z	-2.251	1.33
46	MP2C	Mx	-.002	1.33
47	MP2C	Z	-2.251	5.33
48	MP2C	Mx	-.002	5.33
49	MP1A	Z	-.675	1.5
50	MP1A	Mx	0	1.5
51	MP1A	Z	-.675	4.5
52	MP1A	Mx	0	4.5
53	MP1B	Z	-.675	1.5
54	MP1B	Mx	.000682	1.5
55	MP1B	Z	-.675	4.5
56	MP1B	Mx	.000682	4.5
57	MP1C	Z	-.675	1.5
58	MP1C	Mx	-.000682	1.5
59	MP1C	Z	-.675	4.5
60	MP1C	Mx	-.000682	4.5
61	MP5A	Z	-.675	1.5
62	MP5A	Mx	0	1.5
63	MP5A	Z	-.675	4.5
64	MP5A	Mx	0	4.5
65	MP5B	Z	-.675	1.5
66	MP5B	Mx	.000682	1.5
67	MP5B	Z	-.675	4.5
68	MP5B	Mx	.000682	4.5
69	MP5C	Z	-.675	1.5
70	MP5C	Mx	-.000682	1.5
71	MP5C	Z	-.675	4.5
72	MP5C	Mx	-.000682	4.5
73	OVP	Z	-3.601	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	OVP	Mx	0	.75
75	MP2A	Z	-.99	4.5
76	MP2A	Mx	-.00033	4.5
77	MP2A	Z	-.99	5.5
78	MP2A	Mx	-.00033	5.5
79	MP2A	Z	-.99	4.5
80	MP2A	Mx	.00033	4.5
81	MP2A	Z	-.99	5.5
82	MP2A	Mx	.00033	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	4.901	2
2	MP4A	Mx	-.002	2
3	MP4A	X	4.901	4
4	MP4A	Mx	-.002	4
5	MP4B	X	4.901	2
6	MP4B	Mx	.001	2
7	MP4B	X	4.901	4
8	MP4B	Mx	.001	4
9	MP4C	X	4.901	2
10	MP4C	Mx	.001	2
11	MP4C	X	4.901	4
12	MP4C	Mx	.001	4
13	MP2A	X	9.498	2.5
14	MP2A	Mx	.005	2.5
15	MP2B	X	9.498	2.5
16	MP2B	Mx	-.002	2.5
17	MP2C	X	9.498	2.5
18	MP2C	Mx	-.002	2.5
19	MP3A	X	7.911	2.5
20	MP3A	Mx	.004	2.5
21	MP3B	X	7.911	2.5
22	MP3B	Mx	-.002	2.5
23	MP3C	X	7.911	2.5
24	MP3C	Mx	-.002	2.5
25	MP2A	X	2.251	1.33
26	MP2A	Mx	-.002	1.33
27	MP2A	X	2.251	5.33
28	MP2A	Mx	-.002	5.33
29	MP2B	X	2.251	1.33
30	MP2B	Mx	-.000293	1.33
31	MP2B	X	2.251	5.33
32	MP2B	Mx	-.000293	5.33
33	MP2C	X	2.251	1.33
34	MP2C	Mx	.002	1.33
35	MP2C	X	2.251	5.33
36	MP2C	Mx	.002	5.33
37	MP2A	X	2.251	1.33
38	MP2A	Mx	-.002	1.33
39	MP2A	X	2.251	5.33
40	MP2A	Mx	-.002	5.33
41	MP2B	X	2.251	1.33
42	MP2B	Mx	.002	1.33
43	MP2B	X	2.251	5.33
44	MP2B	Mx	.002	5.33
45	MP2C	X	2.251	1.33
46	MP2C	Mx	-.000293	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP2C	X	2.251	5.33
48	MP2C	Mx	-.000293	5.33
49	MP1A	X	.675	1.5
50	MP1A	Mx	-.000788	1.5
51	MP1A	X	.675	4.5
52	MP1A	Mx	-.000788	4.5
53	MP1B	X	.675	1.5
54	MP1B	Mx	.000394	1.5
55	MP1B	X	.675	4.5
56	MP1B	Mx	.000394	4.5
57	MP1C	X	.675	1.5
58	MP1C	Mx	.000394	1.5
59	MP1C	X	.675	4.5
60	MP1C	Mx	.000394	4.5
61	MP5A	X	.675	1.5
62	MP5A	Mx	-.000788	1.5
63	MP5A	X	.675	4.5
64	MP5A	Mx	-.000788	4.5
65	MP5B	X	.675	1.5
66	MP5B	Mx	.000394	1.5
67	MP5B	X	.675	4.5
68	MP5B	Mx	.000394	4.5
69	MP5C	X	.675	1.5
70	MP5C	Mx	.000394	1.5
71	MP5C	X	.675	4.5
72	MP5C	Mx	.000394	4.5
73	OVP	X	3.601	.75
74	OVP	Mx	0	.75
75	MP2A	X	.99	4.5
76	MP2A	Mx	.00099	4.5
77	MP2A	X	.99	5.5
78	MP2A	Mx	.00099	5.5
79	MP2A	X	.99	4.5
80	MP2A	Mx	.00099	4.5
81	MP2A	X	.99	5.5
82	MP2A	Mx	.00099	5.5

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-6.441	-6.441	0	%100
2	M4	Y	-9.438	-9.438	0	%100
3	M10	Y	-5.508	-5.508	0	%100
4	MP3A	Y	-4.879	-4.879	0	%100
5	MP4A	Y	-4.879	-4.879	0	%100
6	MP2A	Y	-4.879	-4.879	0	%100
7	MP1A	Y	-4.879	-4.879	0	%100
8	M43	Y	-5.508	-5.508	0	%100
9	M46	Y	-9.943	-9.943	0	%100
10	M51B	Y	-5.508	-5.508	0	%100
11	M52B	Y	-5.508	-5.508	0	%100
12	M76	Y	-9.93	-9.93	0	%100
13	M77	Y	-9.93	-9.93	0	%100
14	M80	Y	-9.943	-9.943	0	%100
15	M84	Y	-9.93	-9.93	0	%100
16	M85	Y	-9.93	-9.93	0	%100
17	M91	Y	-9.943	-9.943	0	%100
18	M34	Y	-9.438	-9.438	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
19	M35	Y	-5.508	-5.508	0	%100
20	M36	Y	-5.508	-5.508	0	%100
21	M37	Y	-9.943	-9.943	0	%100
22	M40	Y	-5.508	-5.508	0	%100
23	M41	Y	-5.508	-5.508	0	%100
24	M45	Y	-9.93	-9.93	0	%100
25	M46A	Y	-9.93	-9.93	0	%100
26	M48	Y	-9.943	-9.943	0	%100
27	M50A	Y	-9.93	-9.93	0	%100
28	M51C	Y	-9.93	-9.93	0	%100
29	M53	Y	-9.943	-9.943	0	%100
30	M58A	Y	-9.438	-9.438	0	%100
31	M59A	Y	-5.508	-5.508	0	%100
32	M60	Y	-5.508	-5.508	0	%100
33	M61	Y	-9.943	-9.943	0	%100
34	M64	Y	-5.508	-5.508	0	%100
35	M65	Y	-5.508	-5.508	0	%100
36	M69	Y	-9.93	-9.93	0	%100
37	M70	Y	-9.93	-9.93	0	%100
38	M72	Y	-9.943	-9.943	0	%100
39	M74	Y	-9.93	-9.93	0	%100
40	M75	Y	-9.93	-9.93	0	%100
41	M77A	Y	-9.943	-9.943	0	%100
42	M82	Y	-6.441	-6.441	0	%100
43	M83A	Y	-6.441	-6.441	0	%100
44	MP5A	Y	-4.879	-4.879	0	%100
45	MP3C	Y	-4.879	-4.879	0	%100
46	MP4C	Y	-4.879	-4.879	0	%100
47	MP2C	Y	-4.879	-4.879	0	%100
48	MP1C	Y	-4.879	-4.879	0	%100
49	MP5C	Y	-4.879	-4.879	0	%100
50	MP3B	Y	-4.879	-4.879	0	%100
51	MP4B	Y	-4.879	-4.879	0	%100
52	MP2B	Y	-4.879	-4.879	0	%100
53	MP1B	Y	-4.879	-4.879	0	%100
54	MP5B	Y	-4.879	-4.879	0	%100
55	OVP	Y	-4.879	-4.879	0	%100
56	M108	Y	-5.573	-5.573	0	%100
57	M114	Y	-5.573	-5.573	0	%100
58	M120	Y	-5.573	-5.573	0	%100
59	M132	Y	-7.473	-7.473	0	%100
60	M133	Y	-7.473	-7.473	0	%100
61	M134	Y	-7.473	-7.473	0	%100
62	M135	Y	-10.956	-10.956	0	%100
63	M136	Y	-10.956	-10.956	0	%100
64	M137	Y	-10.956	-10.956	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-12.381	-12.381	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-9.679	-9.679	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-8.401	-8.401	0	%100
9	MP4A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
10	MP4A	Z	-8.401	-8.401	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-8.401	-8.401	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-8.401	-8.401	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-9.679	-9.679	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-21.224	-21.224	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-2.946	-2.946	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-2.946	-2.946	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-5.404	-5.404	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-5.692	-5.692	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-5.404	-5.404	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-5.692	-5.692	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-9.432	-9.432	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-2.42	-2.42	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-2.42	-2.42	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-5.306	-5.306	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-2.946	-2.946	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-11.786	-11.786	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-15.918	-15.918	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-5.404	-5.404	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-5.692	-5.692	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-15.918	-15.918	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-21.618	-21.618	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-22.769	-22.769	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-9.432	-9.432	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-2.42	-2.42	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-2.42	-2.42	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-5.306	-5.306	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-11.786	-11.786	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
69	M65	X	0	0	0	%100
70	M65	Z	-2.946	-2.946	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-15.918	-15.918	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-21.618	-21.618	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-22.769	-22.769	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	-15.918	-15.918	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	-5.404	-5.404	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-5.692	-5.692	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-3.095	-3.095	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	-3.095	-3.095	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	-8.401	-8.401	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	-8.401	-8.401	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	-8.401	-8.401	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	-8.401	-8.401	0	%100
95	MP1C	X	0	0	0	%100
96	MP1C	Z	-8.401	-8.401	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	-8.401	-8.401	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	-8.401	-8.401	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-8.401	-8.401	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-8.401	-8.401	0	%100
105	MP1B	X	0	0	0	%100
106	MP1B	Z	-8.401	-8.401	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	-8.401	-8.401	0	%100
109	OVP	X	0	0	0	%100
110	OVP	Z	-8.401	-8.401	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-2.543	-2.543	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	-10.17	-10.17	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	-2.543	-2.543	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	-3.086	-3.086	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	-3.086	-3.086	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	-12.343	-12.343	0	%100
123	M135	X	0	0	0	%100
124	M135	Z	-10.369	-10.369	0	%100
125	M136	X	0	0	0	%100
126	M136	Z	-15.195	-15.195	0	%100
127	M137	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
128	M137	Z	-15.195	-15.195	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.643	4.643	0	%100
2	M1	Z	-8.042	-8.042	0	%100
3	M4	X	1.572	1.572	0	%100
4	M4	Z	-2.723	-2.723	0	%100
5	M10	X	3.63	3.63	0	%100
6	M10	Z	-6.287	-6.287	0	%100
7	MP3A	X	4.201	4.201	0	%100
8	MP3A	Z	-7.276	-7.276	0	%100
9	MP4A	X	4.201	4.201	0	%100
10	MP4A	Z	-7.276	-7.276	0	%100
11	MP2A	X	4.201	4.201	0	%100
12	MP2A	Z	-7.276	-7.276	0	%100
13	MP1A	X	4.201	4.201	0	%100
14	MP1A	Z	-7.276	-7.276	0	%100
15	M43	X	3.63	3.63	0	%100
16	M43	Z	-6.287	-6.287	0	%100
17	M46	X	7.959	7.959	0	%100
18	M46	Z	-13.786	-13.786	0	%100
19	M51B	X	4.42	4.42	0	%100
20	M51B	Z	-7.655	-7.655	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	2.653	2.653	0	%100
24	M76	Z	-4.595	-4.595	0	%100
25	M77	X	8.107	8.107	0	%100
26	M77	Z	-14.041	-14.041	0	%100
27	M80	X	8.538	8.538	0	%100
28	M80	Z	-14.789	-14.789	0	%100
29	M84	X	2.653	2.653	0	%100
30	M84	Z	-4.595	-4.595	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	1.572	1.572	0	%100
36	M34	Z	-2.723	-2.723	0	%100
37	M35	X	3.63	3.63	0	%100
38	M35	Z	-6.287	-6.287	0	%100
39	M36	X	3.63	3.63	0	%100
40	M36	Z	-6.287	-6.287	0	%100
41	M37	X	7.959	7.959	0	%100
42	M37	Z	-13.786	-13.786	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	4.42	4.42	0	%100
46	M41	Z	-7.655	-7.655	0	%100
47	M45	X	2.653	2.653	0	%100
48	M45	Z	-4.595	-4.595	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	2.653	2.653	0	%100
54	M50A	Z	-4.595	-4.595	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
55	M51C	X	8.107	8.107	0	%100
56	M51C	Z	-14.041	-14.041	0	%100
57	M53	X	8.538	8.538	0	%100
58	M53	Z	-14.789	-14.789	0	%100
59	M58A	X	6.288	6.288	0	%100
60	M58A	Z	-10.891	-10.891	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	4.42	4.42	0	%100
68	M64	Z	-7.655	-7.655	0	%100
69	M65	X	4.42	4.42	0	%100
70	M65	Z	-7.655	-7.655	0	%100
71	M69	X	10.612	10.612	0	%100
72	M69	Z	-18.381	-18.381	0	%100
73	M70	X	8.107	8.107	0	%100
74	M70	Z	-14.041	-14.041	0	%100
75	M72	X	8.538	8.538	0	%100
76	M72	Z	-14.789	-14.789	0	%100
77	M74	X	10.612	10.612	0	%100
78	M74	Z	-18.381	-18.381	0	%100
79	M75	X	8.107	8.107	0	%100
80	M75	Z	-14.041	-14.041	0	%100
81	M77A	X	8.538	8.538	0	%100
82	M77A	Z	-14.789	-14.789	0	%100
83	M82	X	4.643	4.643	0	%100
84	M82	Z	-8.042	-8.042	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	4.201	4.201	0	%100
88	MP5A	Z	-7.276	-7.276	0	%100
89	MP3C	X	4.201	4.201	0	%100
90	MP3C	Z	-7.276	-7.276	0	%100
91	MP4C	X	4.201	4.201	0	%100
92	MP4C	Z	-7.276	-7.276	0	%100
93	MP2C	X	4.201	4.201	0	%100
94	MP2C	Z	-7.276	-7.276	0	%100
95	MP1C	X	4.201	4.201	0	%100
96	MP1C	Z	-7.276	-7.276	0	%100
97	MP5C	X	4.201	4.201	0	%100
98	MP5C	Z	-7.276	-7.276	0	%100
99	MP3B	X	4.201	4.201	0	%100
100	MP3B	Z	-7.276	-7.276	0	%100
101	MP4B	X	4.201	4.201	0	%100
102	MP4B	Z	-7.276	-7.276	0	%100
103	MP2B	X	4.201	4.201	0	%100
104	MP2B	Z	-7.276	-7.276	0	%100
105	MP1B	X	4.201	4.201	0	%100
106	MP1B	Z	-7.276	-7.276	0	%100
107	MP5B	X	4.201	4.201	0	%100
108	MP5B	Z	-7.276	-7.276	0	%100
109	OVP	X	4.201	4.201	0	%100
110	OVP	Z	-7.276	-7.276	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	3.814	3.814	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
114	M114	Z	-6.606	-6.606	0	%100
115	M120	X	3.814	3.814	0	%100
116	M120	Z	-6.606	-6.606	0	%100
117	M132	X	4.629	4.629	0	%100
118	M132	Z	-8.017	-8.017	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	4.629	4.629	0	%100
122	M134	Z	-8.017	-8.017	0	%100
123	M135	X	5.989	5.989	0	%100
124	M135	Z	-10.373	-10.373	0	%100
125	M136	X	5.989	5.989	0	%100
126	M136	Z	-10.373	-10.373	0	%100
127	M137	X	8.402	8.402	0	%100
128	M137	Z	-14.552	-14.552	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.681	2.681	0	%100
2	M1	Z	-1.548	-1.548	0	%100
3	M4	X	8.168	8.168	0	%100
4	M4	Z	-4.716	-4.716	0	%100
5	M10	X	2.096	2.096	0	%100
6	M10	Z	-1.21	-1.21	0	%100
7	MP3A	X	7.276	7.276	0	%100
8	MP3A	Z	-4.201	-4.201	0	%100
9	MP4A	X	7.276	7.276	0	%100
10	MP4A	Z	-4.201	-4.201	0	%100
11	MP2A	X	7.276	7.276	0	%100
12	MP2A	Z	-4.201	-4.201	0	%100
13	MP1A	X	7.276	7.276	0	%100
14	MP1A	Z	-4.201	-4.201	0	%100
15	M43	X	2.096	2.096	0	%100
16	M43	Z	-1.21	-1.21	0	%100
17	M46	X	4.595	4.595	0	%100
18	M46	Z	-2.653	-2.653	0	%100
19	M51B	X	10.207	10.207	0	%100
20	M51B	Z	-5.893	-5.893	0	%100
21	M52B	X	2.552	2.552	0	%100
22	M52B	Z	-1.473	-1.473	0	%100
23	M76	X	13.786	13.786	0	%100
24	M76	Z	-7.959	-7.959	0	%100
25	M77	X	18.721	18.721	0	%100
26	M77	Z	-10.809	-10.809	0	%100
27	M80	X	19.719	19.719	0	%100
28	M80	Z	-11.385	-11.385	0	%100
29	M84	X	13.786	13.786	0	%100
30	M84	Z	-7.959	-7.959	0	%100
31	M85	X	4.68	4.68	0	%100
32	M85	Z	-2.702	-2.702	0	%100
33	M91	X	4.93	4.93	0	%100
34	M91	Z	-2.846	-2.846	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	8.382	8.382	0	%100
38	M35	Z	-4.839	-4.839	0	%100
39	M36	X	8.382	8.382	0	%100
40	M36	Z	-4.839	-4.839	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
41	M37	X	18.381	18.381	0	%100
42	M37	Z	-10.612	-10.612	0	%100
43	M40	X	2.552	2.552	0	%100
44	M40	Z	-1.473	-1.473	0	%100
45	M41	X	2.552	2.552	0	%100
46	M41	Z	-1.473	-1.473	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	4.68	4.68	0	%100
50	M46A	Z	-2.702	-2.702	0	%100
51	M48	X	4.93	4.93	0	%100
52	M48	Z	-2.846	-2.846	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	4.68	4.68	0	%100
56	M51C	Z	-2.702	-2.702	0	%100
57	M53	X	4.93	4.93	0	%100
58	M53	Z	-2.846	-2.846	0	%100
59	M58A	X	8.168	8.168	0	%100
60	M58A	Z	-4.716	-4.716	0	%100
61	M59A	X	2.096	2.096	0	%100
62	M59A	Z	-1.21	-1.21	0	%100
63	M60	X	2.096	2.096	0	%100
64	M60	Z	-1.21	-1.21	0	%100
65	M61	X	4.595	4.595	0	%100
66	M61	Z	-2.653	-2.653	0	%100
67	M64	X	2.552	2.552	0	%100
68	M64	Z	-1.473	-1.473	0	%100
69	M65	X	10.207	10.207	0	%100
70	M65	Z	-5.893	-5.893	0	%100
71	M69	X	13.786	13.786	0	%100
72	M69	Z	-7.959	-7.959	0	%100
73	M70	X	4.68	4.68	0	%100
74	M70	Z	-2.702	-2.702	0	%100
75	M72	X	4.93	4.93	0	%100
76	M72	Z	-2.846	-2.846	0	%100
77	M74	X	13.786	13.786	0	%100
78	M74	Z	-7.959	-7.959	0	%100
79	M75	X	18.721	18.721	0	%100
80	M75	Z	-10.809	-10.809	0	%100
81	M77A	X	19.719	19.719	0	%100
82	M77A	Z	-11.385	-11.385	0	%100
83	M82	X	10.722	10.722	0	%100
84	M82	Z	-6.19	-6.19	0	%100
85	M83A	X	2.681	2.681	0	%100
86	M83A	Z	-1.548	-1.548	0	%100
87	MP5A	X	7.276	7.276	0	%100
88	MP5A	Z	-4.201	-4.201	0	%100
89	MP3C	X	7.276	7.276	0	%100
90	MP3C	Z	-4.201	-4.201	0	%100
91	MP4C	X	7.276	7.276	0	%100
92	MP4C	Z	-4.201	-4.201	0	%100
93	MP2C	X	7.276	7.276	0	%100
94	MP2C	Z	-4.201	-4.201	0	%100
95	MP1C	X	7.276	7.276	0	%100
96	MP1C	Z	-4.201	-4.201	0	%100
97	MP5C	X	7.276	7.276	0	%100
98	MP5C	Z	-4.201	-4.201	0	%100
99	MP3B	X	7.276	7.276	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
100	MP3B	Z	-4.201	-4.201	0	%100
101	MP4B	X	7.276	7.276	0	%100
102	MP4B	Z	-4.201	-4.201	0	%100
103	MP2B	X	7.276	7.276	0	%100
104	MP2B	Z	-4.201	-4.201	0	%100
105	MP1B	X	7.276	7.276	0	%100
106	MP1B	Z	-4.201	-4.201	0	%100
107	MP5B	X	7.276	7.276	0	%100
108	MP5B	Z	-4.201	-4.201	0	%100
109	OVP	X	7.276	7.276	0	%100
110	OVP	Z	-4.201	-4.201	0	%100
111	M108	X	2.202	2.202	0	%100
112	M108	Z	-1.271	-1.271	0	%100
113	M114	X	2.202	2.202	0	%100
114	M114	Z	-1.271	-1.271	0	%100
115	M120	X	8.808	8.808	0	%100
116	M120	Z	-5.085	-5.085	0	%100
117	M132	X	10.689	10.689	0	%100
118	M132	Z	-6.171	-6.171	0	%100
119	M133	X	2.672	2.672	0	%100
120	M133	Z	-1.543	-1.543	0	%100
121	M134	X	2.672	2.672	0	%100
122	M134	Z	-1.543	-1.543	0	%100
123	M135	X	13.159	13.159	0	%100
124	M135	Z	-7.597	-7.597	0	%100
125	M136	X	8.98	8.98	0	%100
126	M136	Z	-5.185	-5.185	0	%100
127	M137	X	13.159	13.159	0	%100
128	M137	Z	-7.597	-7.597	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	12.575	12.575	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	8.401	8.401	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	8.401	8.401	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	8.401	8.401	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	8.401	8.401	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	8.839	8.839	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	8.839	8.839	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	21.224	21.224	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	16.213	16.213	0	%100
26	M77	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
27	M80	X	17.077	17.077	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	21.224	21.224	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	16.213	16.213	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	17.077	17.077	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	3.144	3.144	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	7.259	7.259	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	7.259	7.259	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	15.918	15.918	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	8.839	8.839	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	5.306	5.306	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	16.213	16.213	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	17.077	17.077	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	5.306	5.306	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	3.144	3.144	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	7.259	7.259	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	7.259	7.259	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	15.918	15.918	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	8.839	8.839	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	5.306	5.306	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	5.306	5.306	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	16.213	16.213	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	17.077	17.077	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	9.286	9.286	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	9.286	9.286	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
86	M83A	Z	0	0	0	%100
87	MP5A	X	8.401	8.401	0	%100
88	MP5A	Z	0	0	0	%100
89	MP3C	X	8.401	8.401	0	%100
90	MP3C	Z	0	0	0	%100
91	MP4C	X	8.401	8.401	0	%100
92	MP4C	Z	0	0	0	%100
93	MP2C	X	8.401	8.401	0	%100
94	MP2C	Z	0	0	0	%100
95	MP1C	X	8.401	8.401	0	%100
96	MP1C	Z	0	0	0	%100
97	MP5C	X	8.401	8.401	0	%100
98	MP5C	Z	0	0	0	%100
99	MP3B	X	8.401	8.401	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	8.401	8.401	0	%100
102	MP4B	Z	0	0	0	%100
103	MP2B	X	8.401	8.401	0	%100
104	MP2B	Z	0	0	0	%100
105	MP1B	X	8.401	8.401	0	%100
106	MP1B	Z	0	0	0	%100
107	MP5B	X	8.401	8.401	0	%100
108	MP5B	Z	0	0	0	%100
109	OVP	X	8.401	8.401	0	%100
110	OVP	Z	0	0	0	%100
111	M108	X	7.628	7.628	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	0	0	0	%100
115	M120	X	7.628	7.628	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	9.257	9.257	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	9.257	9.257	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	0	0	0	%100
123	M135	X	16.803	16.803	0	%100
124	M135	Z	0	0	0	%100
125	M136	X	11.978	11.978	0	%100
126	M136	Z	0	0	0	%100
127	M137	X	11.978	11.978	0	%100
128	M137	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.681	2.681	0	%100
2	M1	Z	1.548	1.548	0	%100
3	M4	X	8.168	8.168	0	%100
4	M4	Z	4.716	4.716	0	%100
5	M10	X	2.096	2.096	0	%100
6	M10	Z	1.21	1.21	0	%100
7	MP3A	X	7.276	7.276	0	%100
8	MP3A	Z	4.201	4.201	0	%100
9	MP4A	X	7.276	7.276	0	%100
10	MP4A	Z	4.201	4.201	0	%100
11	MP2A	X	7.276	7.276	0	%100
12	MP2A	Z	4.201	4.201	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
13	MP1A	X	7.276	7.276	0	%100
14	MP1A	Z	4.201	4.201	0	%100
15	M43	X	2.096	2.096	0	%100
16	M43	Z	1.21	1.21	0	%100
17	M46	X	4.595	4.595	0	%100
18	M46	Z	2.653	2.653	0	%100
19	M51B	X	2.552	2.552	0	%100
20	M51B	Z	1.473	1.473	0	%100
21	M52B	X	10.207	10.207	0	%100
22	M52B	Z	5.893	5.893	0	%100
23	M76	X	13.786	13.786	0	%100
24	M76	Z	7.959	7.959	0	%100
25	M77	X	4.68	4.68	0	%100
26	M77	Z	2.702	2.702	0	%100
27	M80	X	4.93	4.93	0	%100
28	M80	Z	2.846	2.846	0	%100
29	M84	X	13.786	13.786	0	%100
30	M84	Z	7.959	7.959	0	%100
31	M85	X	18.721	18.721	0	%100
32	M85	Z	10.809	10.809	0	%100
33	M91	X	19.719	19.719	0	%100
34	M91	Z	11.385	11.385	0	%100
35	M34	X	8.168	8.168	0	%100
36	M34	Z	4.716	4.716	0	%100
37	M35	X	2.096	2.096	0	%100
38	M35	Z	1.21	1.21	0	%100
39	M36	X	2.096	2.096	0	%100
40	M36	Z	1.21	1.21	0	%100
41	M37	X	4.595	4.595	0	%100
42	M37	Z	2.653	2.653	0	%100
43	M40	X	10.207	10.207	0	%100
44	M40	Z	5.893	5.893	0	%100
45	M41	X	2.552	2.552	0	%100
46	M41	Z	1.473	1.473	0	%100
47	M45	X	13.786	13.786	0	%100
48	M45	Z	7.959	7.959	0	%100
49	M46A	X	18.721	18.721	0	%100
50	M46A	Z	10.809	10.809	0	%100
51	M48	X	19.719	19.719	0	%100
52	M48	Z	11.385	11.385	0	%100
53	M50A	X	13.786	13.786	0	%100
54	M50A	Z	7.959	7.959	0	%100
55	M51C	X	4.68	4.68	0	%100
56	M51C	Z	2.702	2.702	0	%100
57	M53	X	4.93	4.93	0	%100
58	M53	Z	2.846	2.846	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	8.382	8.382	0	%100
62	M59A	Z	4.839	4.839	0	%100
63	M60	X	8.382	8.382	0	%100
64	M60	Z	4.839	4.839	0	%100
65	M61	X	18.381	18.381	0	%100
66	M61	Z	10.612	10.612	0	%100
67	M64	X	2.552	2.552	0	%100
68	M64	Z	1.473	1.473	0	%100
69	M65	X	2.552	2.552	0	%100
70	M65	Z	1.473	1.473	0	%100
71	M69	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,...	Start Location[ft,%]	End Location[ft,%]
72	M69	Z	0	0	0	%100
73	M70	X	4.68	4.68	0	%100
74	M70	Z	2.702	2.702	0	%100
75	M72	X	4.93	4.93	0	%100
76	M72	Z	2.846	2.846	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	4.68	4.68	0	%100
80	M75	Z	2.702	2.702	0	%100
81	M77A	X	4.93	4.93	0	%100
82	M77A	Z	2.846	2.846	0	%100
83	M82	X	2.681	2.681	0	%100
84	M82	Z	1.548	1.548	0	%100
85	M83A	X	10.722	10.722	0	%100
86	M83A	Z	6.19	6.19	0	%100
87	MP5A	X	7.276	7.276	0	%100
88	MP5A	Z	4.201	4.201	0	%100
89	MP3C	X	7.276	7.276	0	%100
90	MP3C	Z	4.201	4.201	0	%100
91	MP4C	X	7.276	7.276	0	%100
92	MP4C	Z	4.201	4.201	0	%100
93	MP2C	X	7.276	7.276	0	%100
94	MP2C	Z	4.201	4.201	0	%100
95	MP1C	X	7.276	7.276	0	%100
96	MP1C	Z	4.201	4.201	0	%100
97	MP5C	X	7.276	7.276	0	%100
98	MP5C	Z	4.201	4.201	0	%100
99	MP3B	X	7.276	7.276	0	%100
100	MP3B	Z	4.201	4.201	0	%100
101	MP4B	X	7.276	7.276	0	%100
102	MP4B	Z	4.201	4.201	0	%100
103	MP2B	X	7.276	7.276	0	%100
104	MP2B	Z	4.201	4.201	0	%100
105	MP1B	X	7.276	7.276	0	%100
106	MP1B	Z	4.201	4.201	0	%100
107	MP5B	X	7.276	7.276	0	%100
108	MP5B	Z	4.201	4.201	0	%100
109	OVP	X	7.276	7.276	0	%100
110	OVP	Z	4.201	4.201	0	%100
111	M108	X	8.808	8.808	0	%100
112	M108	Z	5.085	5.085	0	%100
113	M114	X	2.202	2.202	0	%100
114	M114	Z	1.271	1.271	0	%100
115	M120	X	2.202	2.202	0	%100
116	M120	Z	1.271	1.271	0	%100
117	M132	X	2.672	2.672	0	%100
118	M132	Z	1.543	1.543	0	%100
119	M133	X	10.689	10.689	0	%100
120	M133	Z	6.171	6.171	0	%100
121	M134	X	2.672	2.672	0	%100
122	M134	Z	1.543	1.543	0	%100
123	M135	X	13.159	13.159	0	%100
124	M135	Z	7.597	7.597	0	%100
125	M136	X	13.159	13.159	0	%100
126	M136	Z	7.597	7.597	0	%100
127	M137	X	8.98	8.98	0	%100
128	M137	Z	5.185	5.185	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.643	4.643	0	%100
2	M1	Z	8.042	8.042	0	%100
3	M4	X	1.572	1.572	0	%100
4	M4	Z	2.723	2.723	0	%100
5	M10	X	3.63	3.63	0	%100
6	M10	Z	6.287	6.287	0	%100
7	MP3A	X	4.201	4.201	0	%100
8	MP3A	Z	7.276	7.276	0	%100
9	MP4A	X	4.201	4.201	0	%100
10	MP4A	Z	7.276	7.276	0	%100
11	MP2A	X	4.201	4.201	0	%100
12	MP2A	Z	7.276	7.276	0	%100
13	MP1A	X	4.201	4.201	0	%100
14	MP1A	Z	7.276	7.276	0	%100
15	M43	X	3.63	3.63	0	%100
16	M43	Z	6.287	6.287	0	%100
17	M46	X	7.959	7.959	0	%100
18	M46	Z	13.786	13.786	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	4.42	4.42	0	%100
22	M52B	Z	7.655	7.655	0	%100
23	M76	X	2.653	2.653	0	%100
24	M76	Z	4.595	4.595	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	2.653	2.653	0	%100
30	M84	Z	4.595	4.595	0	%100
31	M85	X	8.107	8.107	0	%100
32	M85	Z	14.041	14.041	0	%100
33	M91	X	8.538	8.538	0	%100
34	M91	Z	14.789	14.789	0	%100
35	M34	X	6.288	6.288	0	%100
36	M34	Z	10.891	10.891	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	4.42	4.42	0	%100
44	M40	Z	7.655	7.655	0	%100
45	M41	X	4.42	4.42	0	%100
46	M41	Z	7.655	7.655	0	%100
47	M45	X	10.612	10.612	0	%100
48	M45	Z	18.381	18.381	0	%100
49	M46A	X	8.107	8.107	0	%100
50	M46A	Z	14.041	14.041	0	%100
51	M48	X	8.538	8.538	0	%100
52	M48	Z	14.789	14.789	0	%100
53	M50A	X	10.612	10.612	0	%100
54	M50A	Z	18.381	18.381	0	%100
55	M51C	X	8.107	8.107	0	%100
56	M51C	Z	14.041	14.041	0	%100
57	M53	X	8.538	8.538	0	%100
58	M53	Z	14.789	14.789	0	%100
59	M58A	X	1.572	1.572	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
60	M58A	Z	2.723	2.723	0	%100
61	M59A	X	3.63	3.63	0	%100
62	M59A	Z	6.287	6.287	0	%100
63	M60	X	3.63	3.63	0	%100
64	M60	Z	6.287	6.287	0	%100
65	M61	X	7.959	7.959	0	%100
66	M61	Z	13.786	13.786	0	%100
67	M64	X	4.42	4.42	0	%100
68	M64	Z	7.655	7.655	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	2.653	2.653	0	%100
72	M69	Z	4.595	4.595	0	%100
73	M70	X	8.107	8.107	0	%100
74	M70	Z	14.041	14.041	0	%100
75	M72	X	8.538	8.538	0	%100
76	M72	Z	14.789	14.789	0	%100
77	M74	X	2.653	2.653	0	%100
78	M74	Z	4.595	4.595	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	4.643	4.643	0	%100
86	M83A	Z	8.042	8.042	0	%100
87	MP5A	X	4.201	4.201	0	%100
88	MP5A	Z	7.276	7.276	0	%100
89	MP3C	X	4.201	4.201	0	%100
90	MP3C	Z	7.276	7.276	0	%100
91	MP4C	X	4.201	4.201	0	%100
92	MP4C	Z	7.276	7.276	0	%100
93	MP2C	X	4.201	4.201	0	%100
94	MP2C	Z	7.276	7.276	0	%100
95	MP1C	X	4.201	4.201	0	%100
96	MP1C	Z	7.276	7.276	0	%100
97	MP5C	X	4.201	4.201	0	%100
98	MP5C	Z	7.276	7.276	0	%100
99	MP3B	X	4.201	4.201	0	%100
100	MP3B	Z	7.276	7.276	0	%100
101	MP4B	X	4.201	4.201	0	%100
102	MP4B	Z	7.276	7.276	0	%100
103	MP2B	X	4.201	4.201	0	%100
104	MP2B	Z	7.276	7.276	0	%100
105	MP1B	X	4.201	4.201	0	%100
106	MP1B	Z	7.276	7.276	0	%100
107	MP5B	X	4.201	4.201	0	%100
108	MP5B	Z	7.276	7.276	0	%100
109	OVP	X	4.201	4.201	0	%100
110	OVP	Z	7.276	7.276	0	%100
111	M108	X	3.814	3.814	0	%100
112	M108	Z	6.606	6.606	0	%100
113	M114	X	3.814	3.814	0	%100
114	M114	Z	6.606	6.606	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
119	M133	X	4.629	4.629	0	%100
120	M133	Z	8.017	8.017	0	%100
121	M134	X	4.629	4.629	0	%100
122	M134	Z	8.017	8.017	0	%100
123	M135	X	5.989	5.989	0	%100
124	M135	Z	10.373	10.373	0	%100
125	M136	X	8.402	8.402	0	%100
126	M136	Z	14.552	14.552	0	%100
127	M137	X	5.989	5.989	0	%100
128	M137	Z	10.373	10.373	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	12.381	12.381	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	9.679	9.679	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	8.401	8.401	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	8.401	8.401	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	8.401	8.401	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	8.401	8.401	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	9.679	9.679	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	21.224	21.224	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	2.946	2.946	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	2.946	2.946	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	5.404	5.404	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	5.692	5.692	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	5.404	5.404	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	5.692	5.692	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	9.432	9.432	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	2.42	2.42	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	2.42	2.42	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	5.306	5.306	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	2.946	2.946	0	%100
45	M41	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
46	M41	Z	11.786	11.786	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	15.918	15.918	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	5.404	5.404	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	5.692	5.692	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	15.918	15.918	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	21.618	21.618	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	22.769	22.769	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	9.432	9.432	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	2.42	2.42	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	2.42	2.42	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	5.306	5.306	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	11.786	11.786	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	2.946	2.946	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	15.918	15.918	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	21.618	21.618	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	22.769	22.769	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	15.918	15.918	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	5.404	5.404	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	5.692	5.692	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	3.095	3.095	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	3.095	3.095	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	8.401	8.401	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	8.401	8.401	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	8.401	8.401	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	8.401	8.401	0	%100
95	MP1C	X	0	0	0	%100
96	MP1C	Z	8.401	8.401	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	8.401	8.401	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	8.401	8.401	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	8.401	8.401	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	8.401	8.401	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	0	0	0	%100
106	MP1B	Z	8.401	8.401	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	8.401	8.401	0	%100
109	OVP	X	0	0	0	%100
110	OVP	Z	8.401	8.401	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	2.543	2.543	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	10.17	10.17	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	2.543	2.543	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	3.086	3.086	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	3.086	3.086	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	12.343	12.343	0	%100
123	M135	X	0	0	0	%100
124	M135	Z	10.369	10.369	0	%100
125	M136	X	0	0	0	%100
126	M136	Z	15.195	15.195	0	%100
127	M137	X	0	0	0	%100
128	M137	Z	15.195	15.195	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.643	-4.643	0	%100
2	M1	Z	8.042	8.042	0	%100
3	M4	X	-1.572	-1.572	0	%100
4	M4	Z	2.723	2.723	0	%100
5	M10	X	-3.63	-3.63	0	%100
6	M10	Z	6.287	6.287	0	%100
7	MP3A	X	-4.201	-4.201	0	%100
8	MP3A	Z	7.276	7.276	0	%100
9	MP4A	X	-4.201	-4.201	0	%100
10	MP4A	Z	7.276	7.276	0	%100
11	MP2A	X	-4.201	-4.201	0	%100
12	MP2A	Z	7.276	7.276	0	%100
13	MP1A	X	-4.201	-4.201	0	%100
14	MP1A	Z	7.276	7.276	0	%100
15	M43	X	-3.63	-3.63	0	%100
16	M43	Z	6.287	6.287	0	%100
17	M46	X	-7.959	-7.959	0	%100
18	M46	Z	13.786	13.786	0	%100
19	M51B	X	-4.42	-4.42	0	%100
20	M51B	Z	7.655	7.655	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-2.653	-2.653	0	%100
24	M76	Z	4.595	4.595	0	%100
25	M77	X	-8.107	-8.107	0	%100
26	M77	Z	14.041	14.041	0	%100
27	M80	X	-8.538	-8.538	0	%100
28	M80	Z	14.789	14.789	0	%100
29	M84	X	-2.653	-2.653	0	%100
30	M84	Z	4.595	4.595	0	%100
31	M85	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-1.572	-1.572	0	%100
36	M34	Z	2.723	2.723	0	%100
37	M35	X	-3.63	-3.63	0	%100
38	M35	Z	6.287	6.287	0	%100
39	M36	X	-3.63	-3.63	0	%100
40	M36	Z	6.287	6.287	0	%100
41	M37	X	-7.959	-7.959	0	%100
42	M37	Z	13.786	13.786	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-4.42	-4.42	0	%100
46	M41	Z	7.655	7.655	0	%100
47	M45	X	-2.653	-2.653	0	%100
48	M45	Z	4.595	4.595	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-2.653	-2.653	0	%100
54	M50A	Z	4.595	4.595	0	%100
55	M51C	X	-8.107	-8.107	0	%100
56	M51C	Z	14.041	14.041	0	%100
57	M53	X	-8.538	-8.538	0	%100
58	M53	Z	14.789	14.789	0	%100
59	M58A	X	-6.288	-6.288	0	%100
60	M58A	Z	10.891	10.891	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	-4.42	-4.42	0	%100
68	M64	Z	7.655	7.655	0	%100
69	M65	X	-4.42	-4.42	0	%100
70	M65	Z	7.655	7.655	0	%100
71	M69	X	-10.612	-10.612	0	%100
72	M69	Z	18.381	18.381	0	%100
73	M70	X	-8.107	-8.107	0	%100
74	M70	Z	14.041	14.041	0	%100
75	M72	X	-8.538	-8.538	0	%100
76	M72	Z	14.789	14.789	0	%100
77	M74	X	-10.612	-10.612	0	%100
78	M74	Z	18.381	18.381	0	%100
79	M75	X	-8.107	-8.107	0	%100
80	M75	Z	14.041	14.041	0	%100
81	M77A	X	-8.538	-8.538	0	%100
82	M77A	Z	14.789	14.789	0	%100
83	M82	X	-4.643	-4.643	0	%100
84	M82	Z	8.042	8.042	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	-4.201	-4.201	0	%100
88	MP5A	Z	7.276	7.276	0	%100
89	MP3C	X	-4.201	-4.201	0	%100
90	MP3C	Z	7.276	7.276	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
91	MP4C	X	-4.201	-4.201	0	%100
92	MP4C	Z	7.276	7.276	0	%100
93	MP2C	X	-4.201	-4.201	0	%100
94	MP2C	Z	7.276	7.276	0	%100
95	MP1C	X	-4.201	-4.201	0	%100
96	MP1C	Z	7.276	7.276	0	%100
97	MP5C	X	-4.201	-4.201	0	%100
98	MP5C	Z	7.276	7.276	0	%100
99	MP3B	X	-4.201	-4.201	0	%100
100	MP3B	Z	7.276	7.276	0	%100
101	MP4B	X	-4.201	-4.201	0	%100
102	MP4B	Z	7.276	7.276	0	%100
103	MP2B	X	-4.201	-4.201	0	%100
104	MP2B	Z	7.276	7.276	0	%100
105	MP1B	X	-4.201	-4.201	0	%100
106	MP1B	Z	7.276	7.276	0	%100
107	MP5B	X	-4.201	-4.201	0	%100
108	MP5B	Z	7.276	7.276	0	%100
109	OVP	X	-4.201	-4.201	0	%100
110	OVP	Z	7.276	7.276	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	-3.814	-3.814	0	%100
114	M114	Z	6.606	6.606	0	%100
115	M120	X	-3.814	-3.814	0	%100
116	M120	Z	6.606	6.606	0	%100
117	M132	X	-4.629	-4.629	0	%100
118	M132	Z	8.017	8.017	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	-4.629	-4.629	0	%100
122	M134	Z	8.017	8.017	0	%100
123	M135	X	-5.989	-5.989	0	%100
124	M135	Z	10.373	10.373	0	%100
125	M136	X	-5.989	-5.989	0	%100
126	M136	Z	10.373	10.373	0	%100
127	M137	X	-8.402	-8.402	0	%100
128	M137	Z	14.552	14.552	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.681	-2.681	0	%100
2	M1	Z	1.548	1.548	0	%100
3	M4	X	-8.168	-8.168	0	%100
4	M4	Z	4.716	4.716	0	%100
5	M10	X	-2.096	-2.096	0	%100
6	M10	Z	1.21	1.21	0	%100
7	MP3A	X	-7.276	-7.276	0	%100
8	MP3A	Z	4.201	4.201	0	%100
9	MP4A	X	-7.276	-7.276	0	%100
10	MP4A	Z	4.201	4.201	0	%100
11	MP2A	X	-7.276	-7.276	0	%100
12	MP2A	Z	4.201	4.201	0	%100
13	MP1A	X	-7.276	-7.276	0	%100
14	MP1A	Z	4.201	4.201	0	%100
15	M43	X	-2.096	-2.096	0	%100
16	M43	Z	1.21	1.21	0	%100
17	M46	X	-4.595	-4.595	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
18	M46	Z	2.653	2.653	0	%100
19	M51B	X	-10.207	-10.207	0	%100
20	M51B	Z	5.893	5.893	0	%100
21	M52B	X	-2.552	-2.552	0	%100
22	M52B	Z	1.473	1.473	0	%100
23	M76	X	-13.786	-13.786	0	%100
24	M76	Z	7.959	7.959	0	%100
25	M77	X	-18.721	-18.721	0	%100
26	M77	Z	10.809	10.809	0	%100
27	M80	X	-19.719	-19.719	0	%100
28	M80	Z	11.385	11.385	0	%100
29	M84	X	-13.786	-13.786	0	%100
30	M84	Z	7.959	7.959	0	%100
31	M85	X	-4.68	-4.68	0	%100
32	M85	Z	2.702	2.702	0	%100
33	M91	X	-4.93	-4.93	0	%100
34	M91	Z	2.846	2.846	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-8.382	-8.382	0	%100
38	M35	Z	4.839	4.839	0	%100
39	M36	X	-8.382	-8.382	0	%100
40	M36	Z	4.839	4.839	0	%100
41	M37	X	-18.381	-18.381	0	%100
42	M37	Z	10.612	10.612	0	%100
43	M40	X	-2.552	-2.552	0	%100
44	M40	Z	1.473	1.473	0	%100
45	M41	X	-2.552	-2.552	0	%100
46	M41	Z	1.473	1.473	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-4.68	-4.68	0	%100
50	M46A	Z	2.702	2.702	0	%100
51	M48	X	-4.93	-4.93	0	%100
52	M48	Z	2.846	2.846	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-4.68	-4.68	0	%100
56	M51C	Z	2.702	2.702	0	%100
57	M53	X	-4.93	-4.93	0	%100
58	M53	Z	2.846	2.846	0	%100
59	M58A	X	-8.168	-8.168	0	%100
60	M58A	Z	4.716	4.716	0	%100
61	M59A	X	-2.096	-2.096	0	%100
62	M59A	Z	1.21	1.21	0	%100
63	M60	X	-2.096	-2.096	0	%100
64	M60	Z	1.21	1.21	0	%100
65	M61	X	-4.595	-4.595	0	%100
66	M61	Z	2.653	2.653	0	%100
67	M64	X	-2.552	-2.552	0	%100
68	M64	Z	1.473	1.473	0	%100
69	M65	X	-10.207	-10.207	0	%100
70	M65	Z	5.893	5.893	0	%100
71	M69	X	-13.786	-13.786	0	%100
72	M69	Z	7.959	7.959	0	%100
73	M70	X	-4.68	-4.68	0	%100
74	M70	Z	2.702	2.702	0	%100
75	M72	X	-4.93	-4.93	0	%100
76	M72	Z	2.846	2.846	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
77	M74	X	-13.786	-13.786	0	%100
78	M74	Z	7.959	7.959	0	%100
79	M75	X	-18.721	-18.721	0	%100
80	M75	Z	10.809	10.809	0	%100
81	M77A	X	-19.719	-19.719	0	%100
82	M77A	Z	11.385	11.385	0	%100
83	M82	X	-10.722	-10.722	0	%100
84	M82	Z	6.19	6.19	0	%100
85	M83A	X	-2.681	-2.681	0	%100
86	M83A	Z	1.548	1.548	0	%100
87	MP5A	X	-7.276	-7.276	0	%100
88	MP5A	Z	4.201	4.201	0	%100
89	MP3C	X	-7.276	-7.276	0	%100
90	MP3C	Z	4.201	4.201	0	%100
91	MP4C	X	-7.276	-7.276	0	%100
92	MP4C	Z	4.201	4.201	0	%100
93	MP2C	X	-7.276	-7.276	0	%100
94	MP2C	Z	4.201	4.201	0	%100
95	MP1C	X	-7.276	-7.276	0	%100
96	MP1C	Z	4.201	4.201	0	%100
97	MP5C	X	-7.276	-7.276	0	%100
98	MP5C	Z	4.201	4.201	0	%100
99	MP3B	X	-7.276	-7.276	0	%100
100	MP3B	Z	4.201	4.201	0	%100
101	MP4B	X	-7.276	-7.276	0	%100
102	MP4B	Z	4.201	4.201	0	%100
103	MP2B	X	-7.276	-7.276	0	%100
104	MP2B	Z	4.201	4.201	0	%100
105	MP1B	X	-7.276	-7.276	0	%100
106	MP1B	Z	4.201	4.201	0	%100
107	MP5B	X	-7.276	-7.276	0	%100
108	MP5B	Z	4.201	4.201	0	%100
109	OVP	X	-7.276	-7.276	0	%100
110	OVP	Z	4.201	4.201	0	%100
111	M108	X	-2.202	-2.202	0	%100
112	M108	Z	1.271	1.271	0	%100
113	M114	X	-2.202	-2.202	0	%100
114	M114	Z	1.271	1.271	0	%100
115	M120	X	-8.808	-8.808	0	%100
116	M120	Z	5.085	5.085	0	%100
117	M132	X	-10.689	-10.689	0	%100
118	M132	Z	6.171	6.171	0	%100
119	M133	X	-2.672	-2.672	0	%100
120	M133	Z	1.543	1.543	0	%100
121	M134	X	-2.672	-2.672	0	%100
122	M134	Z	1.543	1.543	0	%100
123	M135	X	-13.159	-13.159	0	%100
124	M135	Z	7.597	7.597	0	%100
125	M136	X	-8.98	-8.98	0	%100
126	M136	Z	5.185	5.185	0	%100
127	M137	X	-13.159	-13.159	0	%100
128	M137	Z	7.597	7.597	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-12.575	-12.575	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-8.401	-8.401	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-8.401	-8.401	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-8.401	-8.401	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-8.401	-8.401	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-8.839	-8.839	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-8.839	-8.839	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-21.224	-21.224	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-16.213	-16.213	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-17.077	-17.077	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-21.224	-21.224	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-16.213	-16.213	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-17.077	-17.077	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-3.144	-3.144	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-7.259	-7.259	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-7.259	-7.259	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-15.918	-15.918	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-8.839	-8.839	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-5.306	-5.306	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-16.213	-16.213	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-17.077	-17.077	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-5.306	-5.306	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	-3.144	-3.144	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-7.259	-7.259	0	%100
62	M59A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
63	M60	X	-7.259	-7.259	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-15.918	-15.918	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-8.839	-8.839	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-5.306	-5.306	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-5.306	-5.306	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-16.213	-16.213	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-17.077	-17.077	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-9.286	-9.286	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	-9.286	-9.286	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	-8.401	-8.401	0	%100
88	MP5A	Z	0	0	0	%100
89	MP3C	X	-8.401	-8.401	0	%100
90	MP3C	Z	0	0	0	%100
91	MP4C	X	-8.401	-8.401	0	%100
92	MP4C	Z	0	0	0	%100
93	MP2C	X	-8.401	-8.401	0	%100
94	MP2C	Z	0	0	0	%100
95	MP1C	X	-8.401	-8.401	0	%100
96	MP1C	Z	0	0	0	%100
97	MP5C	X	-8.401	-8.401	0	%100
98	MP5C	Z	0	0	0	%100
99	MP3B	X	-8.401	-8.401	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	-8.401	-8.401	0	%100
102	MP4B	Z	0	0	0	%100
103	MP2B	X	-8.401	-8.401	0	%100
104	MP2B	Z	0	0	0	%100
105	MP1B	X	-8.401	-8.401	0	%100
106	MP1B	Z	0	0	0	%100
107	MP5B	X	-8.401	-8.401	0	%100
108	MP5B	Z	0	0	0	%100
109	OVP	X	-8.401	-8.401	0	%100
110	OVP	Z	0	0	0	%100
111	M108	X	-7.628	-7.628	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	0	0	0	%100
115	M120	X	-7.628	-7.628	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	-9.257	-9.257	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-9.257	-9.257	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,...	Start Location[ft,%]	End Location[ft,%]
122	M134	Z	0	0	0	%100
123	M135	X	-16.803	-16.803	0	%100
124	M135	Z	0	0	0	%100
125	M136	X	-11.978	-11.978	0	%100
126	M136	Z	0	0	0	%100
127	M137	X	-11.978	-11.978	0	%100
128	M137	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.681	-2.681	0	%100
2	M1	Z	-1.548	-1.548	0	%100
3	M4	X	-8.168	-8.168	0	%100
4	M4	Z	-4.716	-4.716	0	%100
5	M10	X	-2.096	-2.096	0	%100
6	M10	Z	-1.21	-1.21	0	%100
7	MP3A	X	-7.276	-7.276	0	%100
8	MP3A	Z	-4.201	-4.201	0	%100
9	MP4A	X	-7.276	-7.276	0	%100
10	MP4A	Z	-4.201	-4.201	0	%100
11	MP2A	X	-7.276	-7.276	0	%100
12	MP2A	Z	-4.201	-4.201	0	%100
13	MP1A	X	-7.276	-7.276	0	%100
14	MP1A	Z	-4.201	-4.201	0	%100
15	M43	X	-2.096	-2.096	0	%100
16	M43	Z	-1.21	-1.21	0	%100
17	M46	X	-4.595	-4.595	0	%100
18	M46	Z	-2.653	-2.653	0	%100
19	M51B	X	-2.552	-2.552	0	%100
20	M51B	Z	-1.473	-1.473	0	%100
21	M52B	X	-10.207	-10.207	0	%100
22	M52B	Z	-5.893	-5.893	0	%100
23	M76	X	-13.786	-13.786	0	%100
24	M76	Z	-7.959	-7.959	0	%100
25	M77	X	-4.68	-4.68	0	%100
26	M77	Z	-2.702	-2.702	0	%100
27	M80	X	-4.93	-4.93	0	%100
28	M80	Z	-2.846	-2.846	0	%100
29	M84	X	-13.786	-13.786	0	%100
30	M84	Z	-7.959	-7.959	0	%100
31	M85	X	-18.721	-18.721	0	%100
32	M85	Z	-10.809	-10.809	0	%100
33	M91	X	-19.719	-19.719	0	%100
34	M91	Z	-11.385	-11.385	0	%100
35	M34	X	-8.168	-8.168	0	%100
36	M34	Z	-4.716	-4.716	0	%100
37	M35	X	-2.096	-2.096	0	%100
38	M35	Z	-1.21	-1.21	0	%100
39	M36	X	-2.096	-2.096	0	%100
40	M36	Z	-1.21	-1.21	0	%100
41	M37	X	-4.595	-4.595	0	%100
42	M37	Z	-2.653	-2.653	0	%100
43	M40	X	-10.207	-10.207	0	%100
44	M40	Z	-5.893	-5.893	0	%100
45	M41	X	-2.552	-2.552	0	%100
46	M41	Z	-1.473	-1.473	0	%100
47	M45	X	-13.786	-13.786	0	%100
48	M45	Z	-7.959	-7.959	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
49	M46A	X	-18.721	-18.721	0	%100
50	M46A	Z	-10.809	-10.809	0	%100
51	M48	X	-19.719	-19.719	0	%100
52	M48	Z	-11.385	-11.385	0	%100
53	M50A	X	-13.786	-13.786	0	%100
54	M50A	Z	-7.959	-7.959	0	%100
55	M51C	X	-4.68	-4.68	0	%100
56	M51C	Z	-2.702	-2.702	0	%100
57	M53	X	-4.93	-4.93	0	%100
58	M53	Z	-2.846	-2.846	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-8.382	-8.382	0	%100
62	M59A	Z	-4.839	-4.839	0	%100
63	M60	X	-8.382	-8.382	0	%100
64	M60	Z	-4.839	-4.839	0	%100
65	M61	X	-18.381	-18.381	0	%100
66	M61	Z	-10.612	-10.612	0	%100
67	M64	X	-2.552	-2.552	0	%100
68	M64	Z	-1.473	-1.473	0	%100
69	M65	X	-2.552	-2.552	0	%100
70	M65	Z	-1.473	-1.473	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-4.68	-4.68	0	%100
74	M70	Z	-2.702	-2.702	0	%100
75	M72	X	-4.93	-4.93	0	%100
76	M72	Z	-2.846	-2.846	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-4.68	-4.68	0	%100
80	M75	Z	-2.702	-2.702	0	%100
81	M77A	X	-4.93	-4.93	0	%100
82	M77A	Z	-2.846	-2.846	0	%100
83	M82	X	-2.681	-2.681	0	%100
84	M82	Z	-1.548	-1.548	0	%100
85	M83A	X	-10.722	-10.722	0	%100
86	M83A	Z	-6.19	-6.19	0	%100
87	MP5A	X	-7.276	-7.276	0	%100
88	MP5A	Z	-4.201	-4.201	0	%100
89	MP3C	X	-7.276	-7.276	0	%100
90	MP3C	Z	-4.201	-4.201	0	%100
91	MP4C	X	-7.276	-7.276	0	%100
92	MP4C	Z	-4.201	-4.201	0	%100
93	MP2C	X	-7.276	-7.276	0	%100
94	MP2C	Z	-4.201	-4.201	0	%100
95	MP1C	X	-7.276	-7.276	0	%100
96	MP1C	Z	-4.201	-4.201	0	%100
97	MP5C	X	-7.276	-7.276	0	%100
98	MP5C	Z	-4.201	-4.201	0	%100
99	MP3B	X	-7.276	-7.276	0	%100
100	MP3B	Z	-4.201	-4.201	0	%100
101	MP4B	X	-7.276	-7.276	0	%100
102	MP4B	Z	-4.201	-4.201	0	%100
103	MP2B	X	-7.276	-7.276	0	%100
104	MP2B	Z	-4.201	-4.201	0	%100
105	MP1B	X	-7.276	-7.276	0	%100
106	MP1B	Z	-4.201	-4.201	0	%100
107	MP5B	X	-7.276	-7.276	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
108	MP5B	Z	-4.201	-4.201	0	%100
109	OVP	X	-7.276	-7.276	0	%100
110	OVP	Z	-4.201	-4.201	0	%100
111	M108	X	-8.808	-8.808	0	%100
112	M108	Z	-5.085	-5.085	0	%100
113	M114	X	-2.202	-2.202	0	%100
114	M114	Z	-1.271	-1.271	0	%100
115	M120	X	-2.202	-2.202	0	%100
116	M120	Z	-1.271	-1.271	0	%100
117	M132	X	-2.672	-2.672	0	%100
118	M132	Z	-1.543	-1.543	0	%100
119	M133	X	-10.689	-10.689	0	%100
120	M133	Z	-6.171	-6.171	0	%100
121	M134	X	-2.672	-2.672	0	%100
122	M134	Z	-1.543	-1.543	0	%100
123	M135	X	-13.159	-13.159	0	%100
124	M135	Z	-7.597	-7.597	0	%100
125	M136	X	-13.159	-13.159	0	%100
126	M136	Z	-7.597	-7.597	0	%100
127	M137	X	-8.98	-8.98	0	%100
128	M137	Z	-5.185	-5.185	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.643	-4.643	0	%100
2	M1	Z	-8.042	-8.042	0	%100
3	M4	X	-1.572	-1.572	0	%100
4	M4	Z	-2.723	-2.723	0	%100
5	M10	X	-3.63	-3.63	0	%100
6	M10	Z	-6.287	-6.287	0	%100
7	MP3A	X	-4.201	-4.201	0	%100
8	MP3A	Z	-7.276	-7.276	0	%100
9	MP4A	X	-4.201	-4.201	0	%100
10	MP4A	Z	-7.276	-7.276	0	%100
11	MP2A	X	-4.201	-4.201	0	%100
12	MP2A	Z	-7.276	-7.276	0	%100
13	MP1A	X	-4.201	-4.201	0	%100
14	MP1A	Z	-7.276	-7.276	0	%100
15	M43	X	-3.63	-3.63	0	%100
16	M43	Z	-6.287	-6.287	0	%100
17	M46	X	-7.959	-7.959	0	%100
18	M46	Z	-13.786	-13.786	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-4.42	-4.42	0	%100
22	M52B	Z	-7.655	-7.655	0	%100
23	M76	X	-2.653	-2.653	0	%100
24	M76	Z	-4.595	-4.595	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-2.653	-2.653	0	%100
30	M84	Z	-4.595	-4.595	0	%100
31	M85	X	-8.107	-8.107	0	%100
32	M85	Z	-14.041	-14.041	0	%100
33	M91	X	-8.538	-8.538	0	%100
34	M91	Z	-14.789	-14.789	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
35	M34	X	-6.288	-6.288	0	%100
36	M34	Z	-10.891	-10.891	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-4.42	-4.42	0	%100
44	M40	Z	-7.655	-7.655	0	%100
45	M41	X	-4.42	-4.42	0	%100
46	M41	Z	-7.655	-7.655	0	%100
47	M45	X	-10.612	-10.612	0	%100
48	M45	Z	-18.381	-18.381	0	%100
49	M46A	X	-8.107	-8.107	0	%100
50	M46A	Z	-14.041	-14.041	0	%100
51	M48	X	-8.538	-8.538	0	%100
52	M48	Z	-14.789	-14.789	0	%100
53	M50A	X	-10.612	-10.612	0	%100
54	M50A	Z	-18.381	-18.381	0	%100
55	M51C	X	-8.107	-8.107	0	%100
56	M51C	Z	-14.041	-14.041	0	%100
57	M53	X	-8.538	-8.538	0	%100
58	M53	Z	-14.789	-14.789	0	%100
59	M58A	X	-1.572	-1.572	0	%100
60	M58A	Z	-2.723	-2.723	0	%100
61	M59A	X	-3.63	-3.63	0	%100
62	M59A	Z	-6.287	-6.287	0	%100
63	M60	X	-3.63	-3.63	0	%100
64	M60	Z	-6.287	-6.287	0	%100
65	M61	X	-7.959	-7.959	0	%100
66	M61	Z	-13.786	-13.786	0	%100
67	M64	X	-4.42	-4.42	0	%100
68	M64	Z	-7.655	-7.655	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-2.653	-2.653	0	%100
72	M69	Z	-4.595	-4.595	0	%100
73	M70	X	-8.107	-8.107	0	%100
74	M70	Z	-14.041	-14.041	0	%100
75	M72	X	-8.538	-8.538	0	%100
76	M72	Z	-14.789	-14.789	0	%100
77	M74	X	-2.653	-2.653	0	%100
78	M74	Z	-4.595	-4.595	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	-4.643	-4.643	0	%100
86	M83A	Z	-8.042	-8.042	0	%100
87	MP5A	X	-4.201	-4.201	0	%100
88	MP5A	Z	-7.276	-7.276	0	%100
89	MP3C	X	-4.201	-4.201	0	%100
90	MP3C	Z	-7.276	-7.276	0	%100
91	MP4C	X	-4.201	-4.201	0	%100
92	MP4C	Z	-7.276	-7.276	0	%100
93	MP2C	X	-4.201	-4.201	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
94	MP2C	Z	-7.276	-7.276	0	%100
95	MP1C	X	-4.201	-4.201	0	%100
96	MP1C	Z	-7.276	-7.276	0	%100
97	MP5C	X	-4.201	-4.201	0	%100
98	MP5C	Z	-7.276	-7.276	0	%100
99	MP3B	X	-4.201	-4.201	0	%100
100	MP3B	Z	-7.276	-7.276	0	%100
101	MP4B	X	-4.201	-4.201	0	%100
102	MP4B	Z	-7.276	-7.276	0	%100
103	MP2B	X	-4.201	-4.201	0	%100
104	MP2B	Z	-7.276	-7.276	0	%100
105	MP1B	X	-4.201	-4.201	0	%100
106	MP1B	Z	-7.276	-7.276	0	%100
107	MP5B	X	-4.201	-4.201	0	%100
108	MP5B	Z	-7.276	-7.276	0	%100
109	OVP	X	-4.201	-4.201	0	%100
110	OVP	Z	-7.276	-7.276	0	%100
111	M108	X	-3.814	-3.814	0	%100
112	M108	Z	-6.606	-6.606	0	%100
113	M114	X	-3.814	-3.814	0	%100
114	M114	Z	-6.606	-6.606	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-4.629	-4.629	0	%100
120	M133	Z	-8.017	-8.017	0	%100
121	M134	X	-4.629	-4.629	0	%100
122	M134	Z	-8.017	-8.017	0	%100
123	M135	X	-5.989	-5.989	0	%100
124	M135	Z	-10.373	-10.373	0	%100
125	M136	X	-8.402	-8.402	0	%100
126	M136	Z	-14.552	-14.552	0	%100
127	M137	X	-5.989	-5.989	0	%100
128	M137	Z	-10.373	-10.373	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-3.867	-3.867	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-3.004	-3.004	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-3.113	-3.113	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-3.113	-3.113	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-3.113	-3.113	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-3.113	-3.113	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-3.004	-3.004	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-4.989	-4.989	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.917	-.917	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
21	M52B	X	0	0	0	%100
22	M52B	Z	-.917	-.917	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-1.245	-1.245	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-1.3	-1.3	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-1.245	-1.245	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-1.3	-1.3	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-2.928	-2.928	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-.751	-.751	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-.751	-.751	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-1.247	-1.247	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-.917	-.917	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-3.668	-3.668	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-3.68	-3.68	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-1.245	-1.245	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-1.3	-1.3	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-3.68	-3.68	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-4.981	-4.981	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-5.199	-5.199	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-2.928	-2.928	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-.751	-.751	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-.751	-.751	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-1.247	-1.247	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-3.668	-3.668	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-.917	-.917	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-3.68	-3.68	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-4.981	-4.981	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-5.199	-5.199	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	-3.68	-3.68	0	%100
79	M75	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
80	M75	Z	-1.245	-1.245	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-1.3	-1.3	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-.967	-.967	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	-.967	-.967	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	-3.113	-3.113	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	-3.113	-3.113	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	-3.113	-3.113	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	-3.113	-3.113	0	%100
95	MP1C	X	0	0	0	%100
96	MP1C	Z	-3.113	-3.113	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	-3.113	-3.113	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	-3.113	-3.113	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-3.113	-3.113	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-3.113	-3.113	0	%100
105	MP1B	X	0	0	0	%100
106	MP1B	Z	-3.113	-3.113	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	-3.113	-3.113	0	%100
109	OVP	X	0	0	0	%100
110	OVP	Z	-3.113	-3.113	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-.862	-.862	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	-3.448	-3.448	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	-.862	-.862	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	-.853	-.853	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	-.853	-.853	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	-3.411	-3.411	0	%100
123	M135	X	0	0	0	%100
124	M135	Z	-2.495	-2.495	0	%100
125	M136	X	0	0	0	%100
126	M136	Z	-4.152	-4.152	0	%100
127	M137	X	0	0	0	%100
128	M137	Z	-4.152	-4.152	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.45	1.45	0	%100
2	M1	Z	-2.512	-2.512	0	%100
3	M4	X	.488	.488	0	%100
4	M4	Z	-.845	-.845	0	%100
5	M10	X	1.126	1.126	0	%100
6	M10	Z	-1.951	-1.951	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
7	MP3A	X	1.557	1.557	0	%100
8	MP3A	Z	-2.696	-2.696	0	%100
9	MP4A	X	1.557	1.557	0	%100
10	MP4A	Z	-2.696	-2.696	0	%100
11	MP2A	X	1.557	1.557	0	%100
12	MP2A	Z	-2.696	-2.696	0	%100
13	MP1A	X	1.557	1.557	0	%100
14	MP1A	Z	-2.696	-2.696	0	%100
15	M43	X	1.126	1.126	0	%100
16	M43	Z	-1.951	-1.951	0	%100
17	M46	X	1.871	1.871	0	%100
18	M46	Z	-3.241	-3.241	0	%100
19	M51B	X	1.376	1.376	0	%100
20	M51B	Z	-2.383	-2.383	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.613	.613	0	%100
24	M76	Z	-1.062	-1.062	0	%100
25	M77	X	1.868	1.868	0	%100
26	M77	Z	-3.235	-3.235	0	%100
27	M80	X	1.95	1.95	0	%100
28	M80	Z	-3.377	-3.377	0	%100
29	M84	X	.613	.613	0	%100
30	M84	Z	-1.062	-1.062	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.488	.488	0	%100
36	M34	Z	-.845	-.845	0	%100
37	M35	X	1.126	1.126	0	%100
38	M35	Z	-1.951	-1.951	0	%100
39	M36	X	1.126	1.126	0	%100
40	M36	Z	-1.951	-1.951	0	%100
41	M37	X	1.871	1.871	0	%100
42	M37	Z	-3.241	-3.241	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	1.376	1.376	0	%100
46	M41	Z	-2.383	-2.383	0	%100
47	M45	X	.613	.613	0	%100
48	M45	Z	-1.062	-1.062	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	.613	.613	0	%100
54	M50A	Z	-1.062	-1.062	0	%100
55	M51C	X	1.868	1.868	0	%100
56	M51C	Z	-3.235	-3.235	0	%100
57	M53	X	1.95	1.95	0	%100
58	M53	Z	-3.377	-3.377	0	%100
59	M58A	X	1.952	1.952	0	%100
60	M58A	Z	-3.381	-3.381	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
66	M61	Z	0	0	0	%100
67	M64	X	1.376	1.376	0	%100
68	M64	Z	-2.383	-2.383	0	%100
69	M65	X	1.376	1.376	0	%100
70	M65	Z	-2.383	-2.383	0	%100
71	M69	X	2.453	2.453	0	%100
72	M69	Z	-4.249	-4.249	0	%100
73	M70	X	1.868	1.868	0	%100
74	M70	Z	-3.235	-3.235	0	%100
75	M72	X	1.95	1.95	0	%100
76	M72	Z	-3.377	-3.377	0	%100
77	M74	X	2.453	2.453	0	%100
78	M74	Z	-4.249	-4.249	0	%100
79	M75	X	1.868	1.868	0	%100
80	M75	Z	-3.235	-3.235	0	%100
81	M77A	X	1.95	1.95	0	%100
82	M77A	Z	-3.377	-3.377	0	%100
83	M82	X	1.45	1.45	0	%100
84	M82	Z	-2.512	-2.512	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	1.557	1.557	0	%100
88	MP5A	Z	-2.696	-2.696	0	%100
89	MP3C	X	1.557	1.557	0	%100
90	MP3C	Z	-2.696	-2.696	0	%100
91	MP4C	X	1.557	1.557	0	%100
92	MP4C	Z	-2.696	-2.696	0	%100
93	MP2C	X	1.557	1.557	0	%100
94	MP2C	Z	-2.696	-2.696	0	%100
95	MP1C	X	1.557	1.557	0	%100
96	MP1C	Z	-2.696	-2.696	0	%100
97	MP5C	X	1.557	1.557	0	%100
98	MP5C	Z	-2.696	-2.696	0	%100
99	MP3B	X	1.557	1.557	0	%100
100	MP3B	Z	-2.696	-2.696	0	%100
101	MP4B	X	1.557	1.557	0	%100
102	MP4B	Z	-2.696	-2.696	0	%100
103	MP2B	X	1.557	1.557	0	%100
104	MP2B	Z	-2.696	-2.696	0	%100
105	MP1B	X	1.557	1.557	0	%100
106	MP1B	Z	-2.696	-2.696	0	%100
107	MP5B	X	1.557	1.557	0	%100
108	MP5B	Z	-2.696	-2.696	0	%100
109	OVP	X	1.557	1.557	0	%100
110	OVP	Z	-2.696	-2.696	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	1.293	1.293	0	%100
114	M114	Z	-2.24	-2.24	0	%100
115	M120	X	1.293	1.293	0	%100
116	M120	Z	-2.24	-2.24	0	%100
117	M132	X	1.279	1.279	0	%100
118	M132	Z	-2.216	-2.216	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	1.279	1.279	0	%100
122	M134	Z	-2.216	-2.216	0	%100
123	M135	X	1.523	1.523	0	%100
124	M135	Z	-2.639	-2.639	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
125	M136	X	1.523	1.523	0	%100
126	M136	Z	-2.639	-2.639	0	%100
127	M137	X	2.352	2.352	0	%100
128	M137	Z	-4.074	-4.074	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.837	.837	0	%100
2	M1	Z	-.483	-.483	0	%100
3	M4	X	2.535	2.535	0	%100
4	M4	Z	-1.464	-1.464	0	%100
5	M10	X	.65	.65	0	%100
6	M10	Z	-.375	-.375	0	%100
7	MP3A	X	2.696	2.696	0	%100
8	MP3A	Z	-1.557	-1.557	0	%100
9	MP4A	X	2.696	2.696	0	%100
10	MP4A	Z	-1.557	-1.557	0	%100
11	MP2A	X	2.696	2.696	0	%100
12	MP2A	Z	-1.557	-1.557	0	%100
13	MP1A	X	2.696	2.696	0	%100
14	MP1A	Z	-1.557	-1.557	0	%100
15	M43	X	.65	.65	0	%100
16	M43	Z	-.375	-.375	0	%100
17	M46	X	1.08	1.08	0	%100
18	M46	Z	-.624	-.624	0	%100
19	M51B	X	3.177	3.177	0	%100
20	M51B	Z	-1.834	-1.834	0	%100
21	M52B	X	.794	.794	0	%100
22	M52B	Z	-.459	-.459	0	%100
23	M76	X	3.187	3.187	0	%100
24	M76	Z	-1.84	-1.84	0	%100
25	M77	X	4.313	4.313	0	%100
26	M77	Z	-2.49	-2.49	0	%100
27	M80	X	4.502	4.502	0	%100
28	M80	Z	-2.599	-2.599	0	%100
29	M84	X	3.187	3.187	0	%100
30	M84	Z	-1.84	-1.84	0	%100
31	M85	X	1.078	1.078	0	%100
32	M85	Z	-.623	-.623	0	%100
33	M91	X	1.126	1.126	0	%100
34	M91	Z	-.65	-.65	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	2.601	2.601	0	%100
38	M35	Z	-1.502	-1.502	0	%100
39	M36	X	2.601	2.601	0	%100
40	M36	Z	-1.502	-1.502	0	%100
41	M37	X	4.321	4.321	0	%100
42	M37	Z	-2.495	-2.495	0	%100
43	M40	X	.794	.794	0	%100
44	M40	Z	-.459	-.459	0	%100
45	M41	X	.794	.794	0	%100
46	M41	Z	-.459	-.459	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	1.078	1.078	0	%100
50	M46A	Z	-.623	-.623	0	%100
51	M48	X	1.126	1.126	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
52	M48	Z	-.65	-.65	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	1.078	1.078	0	%100
56	M51C	Z	-.623	-.623	0	%100
57	M53	X	1.126	1.126	0	%100
58	M53	Z	-.65	-.65	0	%100
59	M58A	X	2.535	2.535	0	%100
60	M58A	Z	-1.464	-1.464	0	%100
61	M59A	X	.65	.65	0	%100
62	M59A	Z	-.375	-.375	0	%100
63	M60	X	.65	.65	0	%100
64	M60	Z	-.375	-.375	0	%100
65	M61	X	1.08	1.08	0	%100
66	M61	Z	-.624	-.624	0	%100
67	M64	X	.794	.794	0	%100
68	M64	Z	-.459	-.459	0	%100
69	M65	X	3.177	3.177	0	%100
70	M65	Z	-1.834	-1.834	0	%100
71	M69	X	3.187	3.187	0	%100
72	M69	Z	-1.84	-1.84	0	%100
73	M70	X	1.078	1.078	0	%100
74	M70	Z	-.623	-.623	0	%100
75	M72	X	1.126	1.126	0	%100
76	M72	Z	-.65	-.65	0	%100
77	M74	X	3.187	3.187	0	%100
78	M74	Z	-1.84	-1.84	0	%100
79	M75	X	4.313	4.313	0	%100
80	M75	Z	-2.49	-2.49	0	%100
81	M77A	X	4.502	4.502	0	%100
82	M77A	Z	-2.599	-2.599	0	%100
83	M82	X	3.349	3.349	0	%100
84	M82	Z	-1.933	-1.933	0	%100
85	M83A	X	.837	.837	0	%100
86	M83A	Z	-.483	-.483	0	%100
87	MP5A	X	2.696	2.696	0	%100
88	MP5A	Z	-1.557	-1.557	0	%100
89	MP3C	X	2.696	2.696	0	%100
90	MP3C	Z	-1.557	-1.557	0	%100
91	MP4C	X	2.696	2.696	0	%100
92	MP4C	Z	-1.557	-1.557	0	%100
93	MP2C	X	2.696	2.696	0	%100
94	MP2C	Z	-1.557	-1.557	0	%100
95	MP1C	X	2.696	2.696	0	%100
96	MP1C	Z	-1.557	-1.557	0	%100
97	MP5C	X	2.696	2.696	0	%100
98	MP5C	Z	-1.557	-1.557	0	%100
99	MP3B	X	2.696	2.696	0	%100
100	MP3B	Z	-1.557	-1.557	0	%100
101	MP4B	X	2.696	2.696	0	%100
102	MP4B	Z	-1.557	-1.557	0	%100
103	MP2B	X	2.696	2.696	0	%100
104	MP2B	Z	-1.557	-1.557	0	%100
105	MP1B	X	2.696	2.696	0	%100
106	MP1B	Z	-1.557	-1.557	0	%100
107	MP5B	X	2.696	2.696	0	%100
108	MP5B	Z	-1.557	-1.557	0	%100
109	OVP	X	2.696	2.696	0	%100
110	OVP	Z	-1.557	-1.557	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
111	M108	X	.747	.747	0	%100
112	M108	Z	-.431	-.431	0	%100
113	M114	X	.747	.747	0	%100
114	M114	Z	-.431	-.431	0	%100
115	M120	X	2.986	2.986	0	%100
116	M120	Z	-1.724	-1.724	0	%100
117	M132	X	2.954	2.954	0	%100
118	M132	Z	-1.706	-1.706	0	%100
119	M133	X	.739	.739	0	%100
120	M133	Z	-.426	-.426	0	%100
121	M134	X	.739	.739	0	%100
122	M134	Z	-.426	-.426	0	%100
123	M135	X	3.595	3.595	0	%100
124	M135	Z	-2.076	-2.076	0	%100
125	M136	X	2.16	2.16	0	%100
126	M136	Z	-1.247	-1.247	0	%100
127	M137	X	3.595	3.595	0	%100
128	M137	Z	-2.076	-2.076	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	3.904	3.904	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	3.113	3.113	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	3.113	3.113	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	3.113	3.113	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	3.113	3.113	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	2.751	2.751	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	2.751	2.751	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	4.906	4.906	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	3.736	3.736	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	3.899	3.899	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	4.906	4.906	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	3.736	3.736	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	3.899	3.899	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.976	.976	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	2.253	2.253	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
38	M35	Z	0	0	0	%100
39	M36	X	2.253	2.253	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	3.742	3.742	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	2.751	2.751	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	1.227	1.227	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	3.736	3.736	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	3.899	3.899	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	1.227	1.227	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	.976	.976	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	2.253	2.253	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	2.253	2.253	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	3.742	3.742	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	2.751	2.751	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	1.227	1.227	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	1.227	1.227	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	3.736	3.736	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	3.899	3.899	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	2.9	2.9	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	2.9	2.9	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	3.113	3.113	0	%100
88	MP5A	Z	0	0	0	%100
89	MP3C	X	3.113	3.113	0	%100
90	MP3C	Z	0	0	0	%100
91	MP4C	X	3.113	3.113	0	%100
92	MP4C	Z	0	0	0	%100
93	MP2C	X	3.113	3.113	0	%100
94	MP2C	Z	0	0	0	%100
95	MP1C	X	3.113	3.113	0	%100
96	MP1C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
97	MP5C	X	3.113	3.113	0	%100
98	MP5C	Z	0	0	0	%100
99	MP3B	X	3.113	3.113	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	3.113	3.113	0	%100
102	MP4B	Z	0	0	0	%100
103	MP2B	X	3.113	3.113	0	%100
104	MP2B	Z	0	0	0	%100
105	MP1B	X	3.113	3.113	0	%100
106	MP1B	Z	0	0	0	%100
107	MP5B	X	3.113	3.113	0	%100
108	MP5B	Z	0	0	0	%100
109	OVP	X	3.113	3.113	0	%100
110	OVP	Z	0	0	0	%100
111	M108	X	2.586	2.586	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	0	0	0	%100
115	M120	X	2.586	2.586	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	2.558	2.558	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	2.558	2.558	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	0	0	0	%100
123	M135	X	4.704	4.704	0	%100
124	M135	Z	0	0	0	%100
125	M136	X	3.047	3.047	0	%100
126	M136	Z	0	0	0	%100
127	M137	X	3.047	3.047	0	%100
128	M137	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.837	.837	0	%100
2	M1	Z	.483	.483	0	%100
3	M4	X	2.535	2.535	0	%100
4	M4	Z	1.464	1.464	0	%100
5	M10	X	.65	.65	0	%100
6	M10	Z	.375	.375	0	%100
7	MP3A	X	2.696	2.696	0	%100
8	MP3A	Z	1.557	1.557	0	%100
9	MP4A	X	2.696	2.696	0	%100
10	MP4A	Z	1.557	1.557	0	%100
11	MP2A	X	2.696	2.696	0	%100
12	MP2A	Z	1.557	1.557	0	%100
13	MP1A	X	2.696	2.696	0	%100
14	MP1A	Z	1.557	1.557	0	%100
15	M43	X	.65	.65	0	%100
16	M43	Z	.375	.375	0	%100
17	M46	X	1.08	1.08	0	%100
18	M46	Z	.624	.624	0	%100
19	M51B	X	.794	.794	0	%100
20	M51B	Z	.459	.459	0	%100
21	M52B	X	3.177	3.177	0	%100
22	M52B	Z	1.834	1.834	0	%100
23	M76	X	3.187	3.187	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
24	M76	Z	1.84	1.84	0	%100
25	M77	X	1.078	1.078	0	%100
26	M77	Z	.623	.623	0	%100
27	M80	X	1.126	1.126	0	%100
28	M80	Z	.65	.65	0	%100
29	M84	X	3.187	3.187	0	%100
30	M84	Z	1.84	1.84	0	%100
31	M85	X	4.313	4.313	0	%100
32	M85	Z	2.49	2.49	0	%100
33	M91	X	4.502	4.502	0	%100
34	M91	Z	2.599	2.599	0	%100
35	M34	X	2.535	2.535	0	%100
36	M34	Z	1.464	1.464	0	%100
37	M35	X	.65	.65	0	%100
38	M35	Z	.375	.375	0	%100
39	M36	X	.65	.65	0	%100
40	M36	Z	.375	.375	0	%100
41	M37	X	1.08	1.08	0	%100
42	M37	Z	.624	.624	0	%100
43	M40	X	3.177	3.177	0	%100
44	M40	Z	1.834	1.834	0	%100
45	M41	X	.794	.794	0	%100
46	M41	Z	.459	.459	0	%100
47	M45	X	3.187	3.187	0	%100
48	M45	Z	1.84	1.84	0	%100
49	M46A	X	4.313	4.313	0	%100
50	M46A	Z	2.49	2.49	0	%100
51	M48	X	4.502	4.502	0	%100
52	M48	Z	2.599	2.599	0	%100
53	M50A	X	3.187	3.187	0	%100
54	M50A	Z	1.84	1.84	0	%100
55	M51C	X	1.078	1.078	0	%100
56	M51C	Z	.623	.623	0	%100
57	M53	X	1.126	1.126	0	%100
58	M53	Z	.65	.65	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	2.601	2.601	0	%100
62	M59A	Z	1.502	1.502	0	%100
63	M60	X	2.601	2.601	0	%100
64	M60	Z	1.502	1.502	0	%100
65	M61	X	4.321	4.321	0	%100
66	M61	Z	2.495	2.495	0	%100
67	M64	X	.794	.794	0	%100
68	M64	Z	.459	.459	0	%100
69	M65	X	.794	.794	0	%100
70	M65	Z	.459	.459	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	1.078	1.078	0	%100
74	M70	Z	.623	.623	0	%100
75	M72	X	1.126	1.126	0	%100
76	M72	Z	.65	.65	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	1.078	1.078	0	%100
80	M75	Z	.623	.623	0	%100
81	M77A	X	1.126	1.126	0	%100
82	M77A	Z	.65	.65	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
83	M82	X	.837	.837	0	%100
84	M82	Z	.483	.483	0	%100
85	M83A	X	3.349	3.349	0	%100
86	M83A	Z	1.933	1.933	0	%100
87	MP5A	X	2.696	2.696	0	%100
88	MP5A	Z	1.557	1.557	0	%100
89	MP3C	X	2.696	2.696	0	%100
90	MP3C	Z	1.557	1.557	0	%100
91	MP4C	X	2.696	2.696	0	%100
92	MP4C	Z	1.557	1.557	0	%100
93	MP2C	X	2.696	2.696	0	%100
94	MP2C	Z	1.557	1.557	0	%100
95	MP1C	X	2.696	2.696	0	%100
96	MP1C	Z	1.557	1.557	0	%100
97	MP5C	X	2.696	2.696	0	%100
98	MP5C	Z	1.557	1.557	0	%100
99	MP3B	X	2.696	2.696	0	%100
100	MP3B	Z	1.557	1.557	0	%100
101	MP4B	X	2.696	2.696	0	%100
102	MP4B	Z	1.557	1.557	0	%100
103	MP2B	X	2.696	2.696	0	%100
104	MP2B	Z	1.557	1.557	0	%100
105	MP1B	X	2.696	2.696	0	%100
106	MP1B	Z	1.557	1.557	0	%100
107	MP5B	X	2.696	2.696	0	%100
108	MP5B	Z	1.557	1.557	0	%100
109	OVP	X	2.696	2.696	0	%100
110	OVP	Z	1.557	1.557	0	%100
111	M108	X	2.986	2.986	0	%100
112	M108	Z	1.724	1.724	0	%100
113	M114	X	.747	.747	0	%100
114	M114	Z	.431	.431	0	%100
115	M120	X	.747	.747	0	%100
116	M120	Z	.431	.431	0	%100
117	M132	X	.739	.739	0	%100
118	M132	Z	.426	.426	0	%100
119	M133	X	2.954	2.954	0	%100
120	M133	Z	1.706	1.706	0	%100
121	M134	X	.739	.739	0	%100
122	M134	Z	.426	.426	0	%100
123	M135	X	3.595	3.595	0	%100
124	M135	Z	2.076	2.076	0	%100
125	M136	X	3.595	3.595	0	%100
126	M136	Z	2.076	2.076	0	%100
127	M137	X	2.16	2.16	0	%100
128	M137	Z	1.247	1.247	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.45	1.45	0	%100
2	M1	Z	2.512	2.512	0	%100
3	M4	X	.488	.488	0	%100
4	M4	Z	.845	.845	0	%100
5	M10	X	1.126	1.126	0	%100
6	M10	Z	1.951	1.951	0	%100
7	MP3A	X	1.557	1.557	0	%100
8	MP3A	Z	2.696	2.696	0	%100
9	MP4A	X	1.557	1.557	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
10	MP4A	Z	2.696	2.696	0	%100
11	MP2A	X	1.557	1.557	0	%100
12	MP2A	Z	2.696	2.696	0	%100
13	MP1A	X	1.557	1.557	0	%100
14	MP1A	Z	2.696	2.696	0	%100
15	M43	X	1.126	1.126	0	%100
16	M43	Z	1.951	1.951	0	%100
17	M46	X	1.871	1.871	0	%100
18	M46	Z	3.241	3.241	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	1.376	1.376	0	%100
22	M52B	Z	2.383	2.383	0	%100
23	M76	X	.613	.613	0	%100
24	M76	Z	1.062	1.062	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.613	.613	0	%100
30	M84	Z	1.062	1.062	0	%100
31	M85	X	1.868	1.868	0	%100
32	M85	Z	3.235	3.235	0	%100
33	M91	X	1.95	1.95	0	%100
34	M91	Z	3.377	3.377	0	%100
35	M34	X	1.952	1.952	0	%100
36	M34	Z	3.381	3.381	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	1.376	1.376	0	%100
44	M40	Z	2.383	2.383	0	%100
45	M41	X	1.376	1.376	0	%100
46	M41	Z	2.383	2.383	0	%100
47	M45	X	2.453	2.453	0	%100
48	M45	Z	4.249	4.249	0	%100
49	M46A	X	1.868	1.868	0	%100
50	M46A	Z	3.235	3.235	0	%100
51	M48	X	1.95	1.95	0	%100
52	M48	Z	3.377	3.377	0	%100
53	M50A	X	2.453	2.453	0	%100
54	M50A	Z	4.249	4.249	0	%100
55	M51C	X	1.868	1.868	0	%100
56	M51C	Z	3.235	3.235	0	%100
57	M53	X	1.95	1.95	0	%100
58	M53	Z	3.377	3.377	0	%100
59	M58A	X	.488	.488	0	%100
60	M58A	Z	.845	.845	0	%100
61	M59A	X	1.126	1.126	0	%100
62	M59A	Z	1.951	1.951	0	%100
63	M60	X	1.126	1.126	0	%100
64	M60	Z	1.951	1.951	0	%100
65	M61	X	1.871	1.871	0	%100
66	M61	Z	3.241	3.241	0	%100
67	M64	X	1.376	1.376	0	%100
68	M64	Z	2.383	2.383	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.613	.613	0	%100
72	M69	Z	1.062	1.062	0	%100
73	M70	X	1.868	1.868	0	%100
74	M70	Z	3.235	3.235	0	%100
75	M72	X	1.95	1.95	0	%100
76	M72	Z	3.377	3.377	0	%100
77	M74	X	.613	.613	0	%100
78	M74	Z	1.062	1.062	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	1.45	1.45	0	%100
86	M83A	Z	2.512	2.512	0	%100
87	MP5A	X	1.557	1.557	0	%100
88	MP5A	Z	2.696	2.696	0	%100
89	MP3C	X	1.557	1.557	0	%100
90	MP3C	Z	2.696	2.696	0	%100
91	MP4C	X	1.557	1.557	0	%100
92	MP4C	Z	2.696	2.696	0	%100
93	MP2C	X	1.557	1.557	0	%100
94	MP2C	Z	2.696	2.696	0	%100
95	MP1C	X	1.557	1.557	0	%100
96	MP1C	Z	2.696	2.696	0	%100
97	MP5C	X	1.557	1.557	0	%100
98	MP5C	Z	2.696	2.696	0	%100
99	MP3B	X	1.557	1.557	0	%100
100	MP3B	Z	2.696	2.696	0	%100
101	MP4B	X	1.557	1.557	0	%100
102	MP4B	Z	2.696	2.696	0	%100
103	MP2B	X	1.557	1.557	0	%100
104	MP2B	Z	2.696	2.696	0	%100
105	MP1B	X	1.557	1.557	0	%100
106	MP1B	Z	2.696	2.696	0	%100
107	MP5B	X	1.557	1.557	0	%100
108	MP5B	Z	2.696	2.696	0	%100
109	OVP	X	1.557	1.557	0	%100
110	OVP	Z	2.696	2.696	0	%100
111	M108	X	1.293	1.293	0	%100
112	M108	Z	2.24	2.24	0	%100
113	M114	X	1.293	1.293	0	%100
114	M114	Z	2.24	2.24	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	1.279	1.279	0	%100
120	M133	Z	2.216	2.216	0	%100
121	M134	X	1.279	1.279	0	%100
122	M134	Z	2.216	2.216	0	%100
123	M135	X	1.523	1.523	0	%100
124	M135	Z	2.639	2.639	0	%100
125	M136	X	2.352	2.352	0	%100
126	M136	Z	4.074	4.074	0	%100
127	M137	X	1.523	1.523	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
128	M137	Z	2.639	2.639	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	3.867	3.867	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	3.004	3.004	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	3.113	3.113	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	3.113	3.113	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	3.113	3.113	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	3.113	3.113	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	3.004	3.004	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	4.989	4.989	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.917	.917	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.917	.917	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	1.245	1.245	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	1.3	1.3	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	1.245	1.245	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	1.3	1.3	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	2.928	2.928	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	.751	.751	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	.751	.751	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	1.247	1.247	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	.917	.917	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	3.668	3.668	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	3.68	3.68	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	1.245	1.245	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	1.3	1.3	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	3.68	3.68	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
55	M51C	X	0	0	0	%100
56	M51C	Z	4.981	4.981	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	5.199	5.199	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	2.928	2.928	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	.751	.751	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	.751	.751	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	1.247	1.247	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	3.668	3.668	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	.917	.917	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	3.68	3.68	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	4.981	4.981	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	5.199	5.199	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	3.68	3.68	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	1.245	1.245	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	1.3	1.3	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	.967	.967	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	.967	.967	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	3.113	3.113	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	3.113	3.113	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	3.113	3.113	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	3.113	3.113	0	%100
95	MP1C	X	0	0	0	%100
96	MP1C	Z	3.113	3.113	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	3.113	3.113	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	3.113	3.113	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	3.113	3.113	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	3.113	3.113	0	%100
105	MP1B	X	0	0	0	%100
106	MP1B	Z	3.113	3.113	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	3.113	3.113	0	%100
109	OVP	X	0	0	0	%100
110	OVP	Z	3.113	3.113	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	.862	.862	0	%100
113	M114	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
114	M114	Z	3.448	3.448	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	.862	.862	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	.853	.853	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	.853	.853	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	3.411	3.411	0	%100
123	M135	X	0	0	0	%100
124	M135	Z	2.495	2.495	0	%100
125	M136	X	0	0	0	%100
126	M136	Z	4.152	4.152	0	%100
127	M137	X	0	0	0	%100
128	M137	Z	4.152	4.152	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.45	-1.45	0	%100
2	M1	Z	2.512	2.512	0	%100
3	M4	X	-.488	-.488	0	%100
4	M4	Z	.845	.845	0	%100
5	M10	X	-1.126	-1.126	0	%100
6	M10	Z	1.951	1.951	0	%100
7	MP3A	X	-1.557	-1.557	0	%100
8	MP3A	Z	2.696	2.696	0	%100
9	MP4A	X	-1.557	-1.557	0	%100
10	MP4A	Z	2.696	2.696	0	%100
11	MP2A	X	-1.557	-1.557	0	%100
12	MP2A	Z	2.696	2.696	0	%100
13	MP1A	X	-1.557	-1.557	0	%100
14	MP1A	Z	2.696	2.696	0	%100
15	M43	X	-1.126	-1.126	0	%100
16	M43	Z	1.951	1.951	0	%100
17	M46	X	-1.871	-1.871	0	%100
18	M46	Z	3.241	3.241	0	%100
19	M51B	X	-1.376	-1.376	0	%100
20	M51B	Z	2.383	2.383	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.613	-.613	0	%100
24	M76	Z	1.062	1.062	0	%100
25	M77	X	-1.868	-1.868	0	%100
26	M77	Z	3.235	3.235	0	%100
27	M80	X	-1.95	-1.95	0	%100
28	M80	Z	3.377	3.377	0	%100
29	M84	X	-.613	-.613	0	%100
30	M84	Z	1.062	1.062	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.488	-.488	0	%100
36	M34	Z	.845	.845	0	%100
37	M35	X	-1.126	-1.126	0	%100
38	M35	Z	1.951	1.951	0	%100
39	M36	X	-1.126	-1.126	0	%100
40	M36	Z	1.951	1.951	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
41	M37	X	-1.871	-1.871	0	%100
42	M37	Z	3.241	3.241	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-1.376	-1.376	0	%100
46	M41	Z	2.383	2.383	0	%100
47	M45	X	-.613	-.613	0	%100
48	M45	Z	1.062	1.062	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-.613	-.613	0	%100
54	M50A	Z	1.062	1.062	0	%100
55	M51C	X	-1.868	-1.868	0	%100
56	M51C	Z	3.235	3.235	0	%100
57	M53	X	-1.95	-1.95	0	%100
58	M53	Z	3.377	3.377	0	%100
59	M58A	X	-1.952	-1.952	0	%100
60	M58A	Z	3.381	3.381	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	-1.376	-1.376	0	%100
68	M64	Z	2.383	2.383	0	%100
69	M65	X	-1.376	-1.376	0	%100
70	M65	Z	2.383	2.383	0	%100
71	M69	X	-2.453	-2.453	0	%100
72	M69	Z	4.249	4.249	0	%100
73	M70	X	-1.868	-1.868	0	%100
74	M70	Z	3.235	3.235	0	%100
75	M72	X	-1.95	-1.95	0	%100
76	M72	Z	3.377	3.377	0	%100
77	M74	X	-2.453	-2.453	0	%100
78	M74	Z	4.249	4.249	0	%100
79	M75	X	-1.868	-1.868	0	%100
80	M75	Z	3.235	3.235	0	%100
81	M77A	X	-1.95	-1.95	0	%100
82	M77A	Z	3.377	3.377	0	%100
83	M82	X	-1.45	-1.45	0	%100
84	M82	Z	2.512	2.512	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	-1.557	-1.557	0	%100
88	MP5A	Z	2.696	2.696	0	%100
89	MP3C	X	-1.557	-1.557	0	%100
90	MP3C	Z	2.696	2.696	0	%100
91	MP4C	X	-1.557	-1.557	0	%100
92	MP4C	Z	2.696	2.696	0	%100
93	MP2C	X	-1.557	-1.557	0	%100
94	MP2C	Z	2.696	2.696	0	%100
95	MP1C	X	-1.557	-1.557	0	%100
96	MP1C	Z	2.696	2.696	0	%100
97	MP5C	X	-1.557	-1.557	0	%100
98	MP5C	Z	2.696	2.696	0	%100
99	MP3B	X	-1.557	-1.557	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
100	MP3B	Z	2.696	2.696	0	%100
101	MP4B	X	-1.557	-1.557	0	%100
102	MP4B	Z	2.696	2.696	0	%100
103	MP2B	X	-1.557	-1.557	0	%100
104	MP2B	Z	2.696	2.696	0	%100
105	MP1B	X	-1.557	-1.557	0	%100
106	MP1B	Z	2.696	2.696	0	%100
107	MP5B	X	-1.557	-1.557	0	%100
108	MP5B	Z	2.696	2.696	0	%100
109	OVP	X	-1.557	-1.557	0	%100
110	OVP	Z	2.696	2.696	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	-1.293	-1.293	0	%100
114	M114	Z	2.24	2.24	0	%100
115	M120	X	-1.293	-1.293	0	%100
116	M120	Z	2.24	2.24	0	%100
117	M132	X	-1.279	-1.279	0	%100
118	M132	Z	2.216	2.216	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	-1.279	-1.279	0	%100
122	M134	Z	2.216	2.216	0	%100
123	M135	X	-1.523	-1.523	0	%100
124	M135	Z	2.639	2.639	0	%100
125	M136	X	-1.523	-1.523	0	%100
126	M136	Z	2.639	2.639	0	%100
127	M137	X	-2.352	-2.352	0	%100
128	M137	Z	4.074	4.074	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.837	-.837	0	%100
2	M1	Z	.483	.483	0	%100
3	M4	X	-2.535	-2.535	0	%100
4	M4	Z	1.464	1.464	0	%100
5	M10	X	-.65	-.65	0	%100
6	M10	Z	.375	.375	0	%100
7	MP3A	X	-2.696	-2.696	0	%100
8	MP3A	Z	1.557	1.557	0	%100
9	MP4A	X	-2.696	-2.696	0	%100
10	MP4A	Z	1.557	1.557	0	%100
11	MP2A	X	-2.696	-2.696	0	%100
12	MP2A	Z	1.557	1.557	0	%100
13	MP1A	X	-2.696	-2.696	0	%100
14	MP1A	Z	1.557	1.557	0	%100
15	M43	X	-.65	-.65	0	%100
16	M43	Z	.375	.375	0	%100
17	M46	X	-1.08	-1.08	0	%100
18	M46	Z	.624	.624	0	%100
19	M51B	X	-3.177	-3.177	0	%100
20	M51B	Z	1.834	1.834	0	%100
21	M52B	X	-.794	-.794	0	%100
22	M52B	Z	.459	.459	0	%100
23	M76	X	-3.187	-3.187	0	%100
24	M76	Z	1.84	1.84	0	%100
25	M77	X	-4.313	-4.313	0	%100
26	M77	Z	2.49	2.49	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
27	M80	X	-4.502	-4.502	0	%100
28	M80	Z	2.599	2.599	0	%100
29	M84	X	-3.187	-3.187	0	%100
30	M84	Z	1.84	1.84	0	%100
31	M85	X	-1.078	-1.078	0	%100
32	M85	Z	.623	.623	0	%100
33	M91	X	-1.126	-1.126	0	%100
34	M91	Z	.65	.65	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-2.601	-2.601	0	%100
38	M35	Z	1.502	1.502	0	%100
39	M36	X	-2.601	-2.601	0	%100
40	M36	Z	1.502	1.502	0	%100
41	M37	X	-4.321	-4.321	0	%100
42	M37	Z	2.495	2.495	0	%100
43	M40	X	-.794	-.794	0	%100
44	M40	Z	.459	.459	0	%100
45	M41	X	-.794	-.794	0	%100
46	M41	Z	.459	.459	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-1.078	-1.078	0	%100
50	M46A	Z	.623	.623	0	%100
51	M48	X	-1.126	-1.126	0	%100
52	M48	Z	.65	.65	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-1.078	-1.078	0	%100
56	M51C	Z	.623	.623	0	%100
57	M53	X	-1.126	-1.126	0	%100
58	M53	Z	.65	.65	0	%100
59	M58A	X	-2.535	-2.535	0	%100
60	M58A	Z	1.464	1.464	0	%100
61	M59A	X	-.65	-.65	0	%100
62	M59A	Z	.375	.375	0	%100
63	M60	X	-.65	-.65	0	%100
64	M60	Z	.375	.375	0	%100
65	M61	X	-1.08	-1.08	0	%100
66	M61	Z	.624	.624	0	%100
67	M64	X	-.794	-.794	0	%100
68	M64	Z	.459	.459	0	%100
69	M65	X	-3.177	-3.177	0	%100
70	M65	Z	1.834	1.834	0	%100
71	M69	X	-3.187	-3.187	0	%100
72	M69	Z	1.84	1.84	0	%100
73	M70	X	-1.078	-1.078	0	%100
74	M70	Z	.623	.623	0	%100
75	M72	X	-1.126	-1.126	0	%100
76	M72	Z	.65	.65	0	%100
77	M74	X	-3.187	-3.187	0	%100
78	M74	Z	1.84	1.84	0	%100
79	M75	X	-4.313	-4.313	0	%100
80	M75	Z	2.49	2.49	0	%100
81	M77A	X	-4.502	-4.502	0	%100
82	M77A	Z	2.599	2.599	0	%100
83	M82	X	-3.349	-3.349	0	%100
84	M82	Z	1.933	1.933	0	%100
85	M83A	X	-.837	-.837	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
86	M83A	Z	.483	.483	0	%100
87	MP5A	X	-2.696	-2.696	0	%100
88	MP5A	Z	1.557	1.557	0	%100
89	MP3C	X	-2.696	-2.696	0	%100
90	MP3C	Z	1.557	1.557	0	%100
91	MP4C	X	-2.696	-2.696	0	%100
92	MP4C	Z	1.557	1.557	0	%100
93	MP2C	X	-2.696	-2.696	0	%100
94	MP2C	Z	1.557	1.557	0	%100
95	MP1C	X	-2.696	-2.696	0	%100
96	MP1C	Z	1.557	1.557	0	%100
97	MP5C	X	-2.696	-2.696	0	%100
98	MP5C	Z	1.557	1.557	0	%100
99	MP3B	X	-2.696	-2.696	0	%100
100	MP3B	Z	1.557	1.557	0	%100
101	MP4B	X	-2.696	-2.696	0	%100
102	MP4B	Z	1.557	1.557	0	%100
103	MP2B	X	-2.696	-2.696	0	%100
104	MP2B	Z	1.557	1.557	0	%100
105	MP1B	X	-2.696	-2.696	0	%100
106	MP1B	Z	1.557	1.557	0	%100
107	MP5B	X	-2.696	-2.696	0	%100
108	MP5B	Z	1.557	1.557	0	%100
109	OVP	X	-2.696	-2.696	0	%100
110	OVP	Z	1.557	1.557	0	%100
111	M108	X	-.747	-.747	0	%100
112	M108	Z	.431	.431	0	%100
113	M114	X	-.747	-.747	0	%100
114	M114	Z	.431	.431	0	%100
115	M120	X	-2.986	-2.986	0	%100
116	M120	Z	1.724	1.724	0	%100
117	M132	X	-2.954	-2.954	0	%100
118	M132	Z	1.706	1.706	0	%100
119	M133	X	-.739	-.739	0	%100
120	M133	Z	.426	.426	0	%100
121	M134	X	-.739	-.739	0	%100
122	M134	Z	.426	.426	0	%100
123	M135	X	-3.595	-3.595	0	%100
124	M135	Z	2.076	2.076	0	%100
125	M136	X	-2.16	-2.16	0	%100
126	M136	Z	1.247	1.247	0	%100
127	M137	X	-3.595	-3.595	0	%100
128	M137	Z	2.076	2.076	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-3.904	-3.904	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-3.113	-3.113	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-3.113	-3.113	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-3.113	-3.113	0	%100
12	MP2A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
13	MP1A	X	-3.113	-3.113	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-2.751	-2.751	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-2.751	-2.751	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-4.906	-4.906	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-3.736	-3.736	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-3.899	-3.899	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-4.906	-4.906	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-3.736	-3.736	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-3.899	-3.899	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.976	-.976	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-2.253	-2.253	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-2.253	-2.253	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-3.742	-3.742	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-2.751	-2.751	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-1.227	-1.227	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-3.736	-3.736	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-3.899	-3.899	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-1.227	-1.227	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	-.976	-.976	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-2.253	-2.253	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-2.253	-2.253	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-3.742	-3.742	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-2.751	-2.751	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-1.227	-1.227	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-1.227	-1.227	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-3.736	-3.736	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-3.899	-3.899	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-2.9	-2.9	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	-2.9	-2.9	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	-3.113	-3.113	0	%100
88	MP5A	Z	0	0	0	%100
89	MP3C	X	-3.113	-3.113	0	%100
90	MP3C	Z	0	0	0	%100
91	MP4C	X	-3.113	-3.113	0	%100
92	MP4C	Z	0	0	0	%100
93	MP2C	X	-3.113	-3.113	0	%100
94	MP2C	Z	0	0	0	%100
95	MP1C	X	-3.113	-3.113	0	%100
96	MP1C	Z	0	0	0	%100
97	MP5C	X	-3.113	-3.113	0	%100
98	MP5C	Z	0	0	0	%100
99	MP3B	X	-3.113	-3.113	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	-3.113	-3.113	0	%100
102	MP4B	Z	0	0	0	%100
103	MP2B	X	-3.113	-3.113	0	%100
104	MP2B	Z	0	0	0	%100
105	MP1B	X	-3.113	-3.113	0	%100
106	MP1B	Z	0	0	0	%100
107	MP5B	X	-3.113	-3.113	0	%100
108	MP5B	Z	0	0	0	%100
109	OVP	X	-3.113	-3.113	0	%100
110	OVP	Z	0	0	0	%100
111	M108	X	-2.586	-2.586	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	0	0	0	%100
115	M120	X	-2.586	-2.586	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	-2.558	-2.558	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-2.558	-2.558	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	0	0	0	%100
123	M135	X	-4.704	-4.704	0	%100
124	M135	Z	0	0	0	%100
125	M136	X	-3.047	-3.047	0	%100
126	M136	Z	0	0	0	%100
127	M137	X	-3.047	-3.047	0	%100
128	M137	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.837	-.837	0	%100
2	M1	Z	-.483	-.483	0	%100
3	M4	X	-2.535	-2.535	0	%100
4	M4	Z	-1.464	-1.464	0	%100
5	M10	X	-.65	-.65	0	%100
6	M10	Z	-.375	-.375	0	%100
7	MP3A	X	-2.696	-2.696	0	%100
8	MP3A	Z	-1.557	-1.557	0	%100
9	MP4A	X	-2.696	-2.696	0	%100
10	MP4A	Z	-1.557	-1.557	0	%100
11	MP2A	X	-2.696	-2.696	0	%100
12	MP2A	Z	-1.557	-1.557	0	%100
13	MP1A	X	-2.696	-2.696	0	%100
14	MP1A	Z	-1.557	-1.557	0	%100
15	M43	X	-.65	-.65	0	%100
16	M43	Z	-.375	-.375	0	%100
17	M46	X	-1.08	-1.08	0	%100
18	M46	Z	-.624	-.624	0	%100
19	M51B	X	-.794	-.794	0	%100
20	M51B	Z	-.459	-.459	0	%100
21	M52B	X	-3.177	-3.177	0	%100
22	M52B	Z	-1.834	-1.834	0	%100
23	M76	X	-3.187	-3.187	0	%100
24	M76	Z	-1.84	-1.84	0	%100
25	M77	X	-1.078	-1.078	0	%100
26	M77	Z	-.623	-.623	0	%100
27	M80	X	-1.126	-1.126	0	%100
28	M80	Z	-.65	-.65	0	%100
29	M84	X	-3.187	-3.187	0	%100
30	M84	Z	-1.84	-1.84	0	%100
31	M85	X	-4.313	-4.313	0	%100
32	M85	Z	-2.49	-2.49	0	%100
33	M91	X	-4.502	-4.502	0	%100
34	M91	Z	-2.599	-2.599	0	%100
35	M34	X	-2.535	-2.535	0	%100
36	M34	Z	-1.464	-1.464	0	%100
37	M35	X	-.65	-.65	0	%100
38	M35	Z	-.375	-.375	0	%100
39	M36	X	-.65	-.65	0	%100
40	M36	Z	-.375	-.375	0	%100
41	M37	X	-1.08	-1.08	0	%100
42	M37	Z	-.624	-.624	0	%100
43	M40	X	-3.177	-3.177	0	%100
44	M40	Z	-1.834	-1.834	0	%100
45	M41	X	-.794	-.794	0	%100
46	M41	Z	-.459	-.459	0	%100
47	M45	X	-3.187	-3.187	0	%100
48	M45	Z	-1.84	-1.84	0	%100
49	M46A	X	-4.313	-4.313	0	%100
50	M46A	Z	-2.49	-2.49	0	%100
51	M48	X	-4.502	-4.502	0	%100
52	M48	Z	-2.599	-2.599	0	%100
53	M50A	X	-3.187	-3.187	0	%100
54	M50A	Z	-1.84	-1.84	0	%100
55	M51C	X	-1.078	-1.078	0	%100
56	M51C	Z	-.623	-.623	0	%100
57	M53	X	-1.126	-1.126	0	%100
58	M53	Z	-.65	-.65	0	%100
59	M58A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
60	M58A	Z	0	0	0	%100
61	M59A	X	-2.601	-2.601	0	%100
62	M59A	Z	-1.502	-1.502	0	%100
63	M60	X	-2.601	-2.601	0	%100
64	M60	Z	-1.502	-1.502	0	%100
65	M61	X	-4.321	-4.321	0	%100
66	M61	Z	-2.495	-2.495	0	%100
67	M64	X	-.794	-.794	0	%100
68	M64	Z	-.459	-.459	0	%100
69	M65	X	-.794	-.794	0	%100
70	M65	Z	-.459	-.459	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-1.078	-1.078	0	%100
74	M70	Z	-.623	-.623	0	%100
75	M72	X	-1.126	-1.126	0	%100
76	M72	Z	-.65	-.65	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-1.078	-1.078	0	%100
80	M75	Z	-.623	-.623	0	%100
81	M77A	X	-1.126	-1.126	0	%100
82	M77A	Z	-.65	-.65	0	%100
83	M82	X	-.837	-.837	0	%100
84	M82	Z	-.483	-.483	0	%100
85	M83A	X	-3.349	-3.349	0	%100
86	M83A	Z	-1.933	-1.933	0	%100
87	MP5A	X	-2.696	-2.696	0	%100
88	MP5A	Z	-1.557	-1.557	0	%100
89	MP3C	X	-2.696	-2.696	0	%100
90	MP3C	Z	-1.557	-1.557	0	%100
91	MP4C	X	-2.696	-2.696	0	%100
92	MP4C	Z	-1.557	-1.557	0	%100
93	MP2C	X	-2.696	-2.696	0	%100
94	MP2C	Z	-1.557	-1.557	0	%100
95	MP1C	X	-2.696	-2.696	0	%100
96	MP1C	Z	-1.557	-1.557	0	%100
97	MP5C	X	-2.696	-2.696	0	%100
98	MP5C	Z	-1.557	-1.557	0	%100
99	MP3B	X	-2.696	-2.696	0	%100
100	MP3B	Z	-1.557	-1.557	0	%100
101	MP4B	X	-2.696	-2.696	0	%100
102	MP4B	Z	-1.557	-1.557	0	%100
103	MP2B	X	-2.696	-2.696	0	%100
104	MP2B	Z	-1.557	-1.557	0	%100
105	MP1B	X	-2.696	-2.696	0	%100
106	MP1B	Z	-1.557	-1.557	0	%100
107	MP5B	X	-2.696	-2.696	0	%100
108	MP5B	Z	-1.557	-1.557	0	%100
109	OVP	X	-2.696	-2.696	0	%100
110	OVP	Z	-1.557	-1.557	0	%100
111	M108	X	-2.986	-2.986	0	%100
112	M108	Z	-1.724	-1.724	0	%100
113	M114	X	-.747	-.747	0	%100
114	M114	Z	-.431	-.431	0	%100
115	M120	X	-.747	-.747	0	%100
116	M120	Z	-.431	-.431	0	%100
117	M132	X	-.739	-.739	0	%100
118	M132	Z	-.426	-.426	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
119	M133	X	-2.954	-2.954	0	%100
120	M133	Z	-1.706	-1.706	0	%100
121	M134	X	-.739	-.739	0	%100
122	M134	Z	-.426	-.426	0	%100
123	M135	X	-3.595	-3.595	0	%100
124	M135	Z	-2.076	-2.076	0	%100
125	M136	X	-3.595	-3.595	0	%100
126	M136	Z	-2.076	-2.076	0	%100
127	M137	X	-2.16	-2.16	0	%100
128	M137	Z	-1.247	-1.247	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.45	-1.45	0	%100
2	M1	Z	-2.512	-2.512	0	%100
3	M4	X	-.488	-.488	0	%100
4	M4	Z	-.845	-.845	0	%100
5	M10	X	-1.126	-1.126	0	%100
6	M10	Z	-1.951	-1.951	0	%100
7	MP3A	X	-1.557	-1.557	0	%100
8	MP3A	Z	-2.696	-2.696	0	%100
9	MP4A	X	-1.557	-1.557	0	%100
10	MP4A	Z	-2.696	-2.696	0	%100
11	MP2A	X	-1.557	-1.557	0	%100
12	MP2A	Z	-2.696	-2.696	0	%100
13	MP1A	X	-1.557	-1.557	0	%100
14	MP1A	Z	-2.696	-2.696	0	%100
15	M43	X	-1.126	-1.126	0	%100
16	M43	Z	-1.951	-1.951	0	%100
17	M46	X	-1.871	-1.871	0	%100
18	M46	Z	-3.241	-3.241	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-1.376	-1.376	0	%100
22	M52B	Z	-2.383	-2.383	0	%100
23	M76	X	-.613	-.613	0	%100
24	M76	Z	-1.062	-1.062	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.613	-.613	0	%100
30	M84	Z	-1.062	-1.062	0	%100
31	M85	X	-1.868	-1.868	0	%100
32	M85	Z	-3.235	-3.235	0	%100
33	M91	X	-1.95	-1.95	0	%100
34	M91	Z	-3.377	-3.377	0	%100
35	M34	X	-1.952	-1.952	0	%100
36	M34	Z	-3.381	-3.381	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-1.376	-1.376	0	%100
44	M40	Z	-2.383	-2.383	0	%100
45	M41	X	-1.376	-1.376	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
46	M41	Z	-2.383	-2.383	0	%100
47	M45	X	-2.453	-2.453	0	%100
48	M45	Z	-4.249	-4.249	0	%100
49	M46A	X	-1.868	-1.868	0	%100
50	M46A	Z	-3.235	-3.235	0	%100
51	M48	X	-1.95	-1.95	0	%100
52	M48	Z	-3.377	-3.377	0	%100
53	M50A	X	-2.453	-2.453	0	%100
54	M50A	Z	-4.249	-4.249	0	%100
55	M51C	X	-1.868	-1.868	0	%100
56	M51C	Z	-3.235	-3.235	0	%100
57	M53	X	-1.95	-1.95	0	%100
58	M53	Z	-3.377	-3.377	0	%100
59	M58A	X	-.488	-.488	0	%100
60	M58A	Z	-.845	-.845	0	%100
61	M59A	X	-1.126	-1.126	0	%100
62	M59A	Z	-1.951	-1.951	0	%100
63	M60	X	-1.126	-1.126	0	%100
64	M60	Z	-1.951	-1.951	0	%100
65	M61	X	-1.871	-1.871	0	%100
66	M61	Z	-3.241	-3.241	0	%100
67	M64	X	-1.376	-1.376	0	%100
68	M64	Z	-2.383	-2.383	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-.613	-.613	0	%100
72	M69	Z	-1.062	-1.062	0	%100
73	M70	X	-1.868	-1.868	0	%100
74	M70	Z	-3.235	-3.235	0	%100
75	M72	X	-1.95	-1.95	0	%100
76	M72	Z	-3.377	-3.377	0	%100
77	M74	X	-.613	-.613	0	%100
78	M74	Z	-1.062	-1.062	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	-1.45	-1.45	0	%100
86	M83A	Z	-2.512	-2.512	0	%100
87	MP5A	X	-1.557	-1.557	0	%100
88	MP5A	Z	-2.696	-2.696	0	%100
89	MP3C	X	-1.557	-1.557	0	%100
90	MP3C	Z	-2.696	-2.696	0	%100
91	MP4C	X	-1.557	-1.557	0	%100
92	MP4C	Z	-2.696	-2.696	0	%100
93	MP2C	X	-1.557	-1.557	0	%100
94	MP2C	Z	-2.696	-2.696	0	%100
95	MP1C	X	-1.557	-1.557	0	%100
96	MP1C	Z	-2.696	-2.696	0	%100
97	MP5C	X	-1.557	-1.557	0	%100
98	MP5C	Z	-2.696	-2.696	0	%100
99	MP3B	X	-1.557	-1.557	0	%100
100	MP3B	Z	-2.696	-2.696	0	%100
101	MP4B	X	-1.557	-1.557	0	%100
102	MP4B	Z	-2.696	-2.696	0	%100
103	MP2B	X	-1.557	-1.557	0	%100
104	MP2B	Z	-2.696	-2.696	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	-1.557	-1.557	0	%100
106	MP1B	Z	-2.696	-2.696	0	%100
107	MP5B	X	-1.557	-1.557	0	%100
108	MP5B	Z	-2.696	-2.696	0	%100
109	OVP	X	-1.557	-1.557	0	%100
110	OVP	Z	-2.696	-2.696	0	%100
111	M108	X	-1.293	-1.293	0	%100
112	M108	Z	-2.24	-2.24	0	%100
113	M114	X	-1.293	-1.293	0	%100
114	M114	Z	-2.24	-2.24	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-1.279	-1.279	0	%100
120	M133	Z	-2.216	-2.216	0	%100
121	M134	X	-1.279	-1.279	0	%100
122	M134	Z	-2.216	-2.216	0	%100
123	M135	X	-1.523	-1.523	0	%100
124	M135	Z	-2.639	-2.639	0	%100
125	M136	X	-2.352	-2.352	0	%100
126	M136	Z	-4.074	-4.074	0	%100
127	M137	X	-1.523	-1.523	0	%100
128	M137	Z	-2.639	-2.639	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.844	-.844	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.66	-.66	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-.573	-.573	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-.573	-.573	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-.573	-.573	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-.573	-.573	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-.66	-.66	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-1.446	-1.446	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.201	-.201	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.201	-.201	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-.368	-.368	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-.388	-.388	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
32	M85	Z	-.368	-.368	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-.388	-.388	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-.643	-.643	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-.165	-.165	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-.165	-.165	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-.362	-.362	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-.201	-.201	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-.803	-.803	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-1.085	-1.085	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-.368	-.368	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-.388	-.388	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-1.085	-1.085	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-1.473	-1.473	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-1.552	-1.552	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-.643	-.643	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-.165	-.165	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-.165	-.165	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-.362	-.362	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-.803	-.803	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-.201	-.201	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-1.085	-1.085	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-1.473	-1.473	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-1.552	-1.552	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	-1.085	-1.085	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	-.368	-.368	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-.388	-.388	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-.211	-.211	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	-.211	-.211	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	-.573	-.573	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	-.573	-.573	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
91	MP4C	X	0	0	0	%100
92	MP4C	Z	-.573	-.573	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	-.573	-.573	0	%100
95	MP1C	X	0	0	0	%100
96	MP1C	Z	-.573	-.573	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	-.573	-.573	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	-.573	-.573	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-.573	-.573	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-.573	-.573	0	%100
105	MP1B	X	0	0	0	%100
106	MP1B	Z	-.573	-.573	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	-.573	-.573	0	%100
109	OVP	X	0	0	0	%100
110	OVP	Z	-.573	-.573	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-.173	-.173	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	-.693	-.693	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	-.173	-.173	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	-.21	-.21	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	-.21	-.21	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	-.841	-.841	0	%100
123	M135	X	0	0	0	%100
124	M135	Z	-.707	-.707	0	%100
125	M136	X	0	0	0	%100
126	M136	Z	-1.036	-1.036	0	%100
127	M137	X	0	0	0	%100
128	M137	Z	-1.036	-1.036	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.316	.316	0	%100
2	M1	Z	-.548	-.548	0	%100
3	M4	X	.107	.107	0	%100
4	M4	Z	-.186	-.186	0	%100
5	M10	X	.247	.247	0	%100
6	M10	Z	-.428	-.428	0	%100
7	MP3A	X	.286	.286	0	%100
8	MP3A	Z	-.496	-.496	0	%100
9	MP4A	X	.286	.286	0	%100
10	MP4A	Z	-.496	-.496	0	%100
11	MP2A	X	.286	.286	0	%100
12	MP2A	Z	-.496	-.496	0	%100
13	MP1A	X	.286	.286	0	%100
14	MP1A	Z	-.496	-.496	0	%100
15	M43	X	.247	.247	0	%100
16	M43	Z	-.428	-.428	0	%100
17	M46	X	.542	.542	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
18	M46	Z	-.94	-.94	0	%100
19	M51B	X	.301	.301	0	%100
20	M51B	Z	-.522	-.522	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.181	.181	0	%100
24	M76	Z	-.313	-.313	0	%100
25	M77	X	.552	.552	0	%100
26	M77	Z	-.957	-.957	0	%100
27	M80	X	.582	.582	0	%100
28	M80	Z	-1.008	-1.008	0	%100
29	M84	X	.181	.181	0	%100
30	M84	Z	-.313	-.313	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.107	.107	0	%100
36	M34	Z	-.186	-.186	0	%100
37	M35	X	.247	.247	0	%100
38	M35	Z	-.428	-.428	0	%100
39	M36	X	.247	.247	0	%100
40	M36	Z	-.428	-.428	0	%100
41	M37	X	.542	.542	0	%100
42	M37	Z	-.94	-.94	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	.301	.301	0	%100
46	M41	Z	-.522	-.522	0	%100
47	M45	X	.181	.181	0	%100
48	M45	Z	-.313	-.313	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	.181	.181	0	%100
54	M50A	Z	-.313	-.313	0	%100
55	M51C	X	.552	.552	0	%100
56	M51C	Z	-.957	-.957	0	%100
57	M53	X	.582	.582	0	%100
58	M53	Z	-1.008	-1.008	0	%100
59	M58A	X	.429	.429	0	%100
60	M58A	Z	-.742	-.742	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	.301	.301	0	%100
68	M64	Z	-.522	-.522	0	%100
69	M65	X	.301	.301	0	%100
70	M65	Z	-.522	-.522	0	%100
71	M69	X	.723	.723	0	%100
72	M69	Z	-1.253	-1.253	0	%100
73	M70	X	.552	.552	0	%100
74	M70	Z	-.957	-.957	0	%100
75	M72	X	.582	.582	0	%100
76	M72	Z	-1.008	-1.008	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
77	M74	X	.723	.723	0	%100
78	M74	Z	-1.253	-1.253	0	%100
79	M75	X	.552	.552	0	%100
80	M75	Z	-.957	-.957	0	%100
81	M77A	X	.582	.582	0	%100
82	M77A	Z	-1.008	-1.008	0	%100
83	M82	X	.316	.316	0	%100
84	M82	Z	-.548	-.548	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	.286	.286	0	%100
88	MP5A	Z	-.496	-.496	0	%100
89	MP3C	X	.286	.286	0	%100
90	MP3C	Z	-.496	-.496	0	%100
91	MP4C	X	.286	.286	0	%100
92	MP4C	Z	-.496	-.496	0	%100
93	MP2C	X	.286	.286	0	%100
94	MP2C	Z	-.496	-.496	0	%100
95	MP1C	X	.286	.286	0	%100
96	MP1C	Z	-.496	-.496	0	%100
97	MP5C	X	.286	.286	0	%100
98	MP5C	Z	-.496	-.496	0	%100
99	MP3B	X	.286	.286	0	%100
100	MP3B	Z	-.496	-.496	0	%100
101	MP4B	X	.286	.286	0	%100
102	MP4B	Z	-.496	-.496	0	%100
103	MP2B	X	.286	.286	0	%100
104	MP2B	Z	-.496	-.496	0	%100
105	MP1B	X	.286	.286	0	%100
106	MP1B	Z	-.496	-.496	0	%100
107	MP5B	X	.286	.286	0	%100
108	MP5B	Z	-.496	-.496	0	%100
109	OVP	X	.286	.286	0	%100
110	OVP	Z	-.496	-.496	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	.26	.26	0	%100
114	M114	Z	-.45	-.45	0	%100
115	M120	X	.26	.26	0	%100
116	M120	Z	-.45	-.45	0	%100
117	M132	X	.315	.315	0	%100
118	M132	Z	-.546	-.546	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	.315	.315	0	%100
122	M134	Z	-.546	-.546	0	%100
123	M135	X	.408	.408	0	%100
124	M135	Z	-.707	-.707	0	%100
125	M136	X	.408	.408	0	%100
126	M136	Z	-.707	-.707	0	%100
127	M137	X	.573	.573	0	%100
128	M137	Z	-.992	-.992	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.183	.183	0	%100
2	M1	Z	-.105	-.105	0	%100
3	M4	X	.557	.557	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
4	M4	Z	-.321	-.321	0	%100
5	M10	X	.143	.143	0	%100
6	M10	Z	-.082	-.082	0	%100
7	MP3A	X	.496	.496	0	%100
8	MP3A	Z	-.286	-.286	0	%100
9	MP4A	X	.496	.496	0	%100
10	MP4A	Z	-.286	-.286	0	%100
11	MP2A	X	.496	.496	0	%100
12	MP2A	Z	-.286	-.286	0	%100
13	MP1A	X	.496	.496	0	%100
14	MP1A	Z	-.286	-.286	0	%100
15	M43	X	.143	.143	0	%100
16	M43	Z	-.082	-.082	0	%100
17	M46	X	.313	.313	0	%100
18	M46	Z	-.181	-.181	0	%100
19	M51B	X	.696	.696	0	%100
20	M51B	Z	-.402	-.402	0	%100
21	M52B	X	.174	.174	0	%100
22	M52B	Z	-.1	-.1	0	%100
23	M76	X	.94	.94	0	%100
24	M76	Z	-.542	-.542	0	%100
25	M77	X	1.276	1.276	0	%100
26	M77	Z	-.737	-.737	0	%100
27	M80	X	1.344	1.344	0	%100
28	M80	Z	-.776	-.776	0	%100
29	M84	X	.94	.94	0	%100
30	M84	Z	-.542	-.542	0	%100
31	M85	X	.319	.319	0	%100
32	M85	Z	-.184	-.184	0	%100
33	M91	X	.336	.336	0	%100
34	M91	Z	-.194	-.194	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	.571	.571	0	%100
38	M35	Z	-.33	-.33	0	%100
39	M36	X	.571	.571	0	%100
40	M36	Z	-.33	-.33	0	%100
41	M37	X	1.253	1.253	0	%100
42	M37	Z	-.723	-.723	0	%100
43	M40	X	.174	.174	0	%100
44	M40	Z	-.1	-.1	0	%100
45	M41	X	.174	.174	0	%100
46	M41	Z	-.1	-.1	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	.319	.319	0	%100
50	M46A	Z	-.184	-.184	0	%100
51	M48	X	.336	.336	0	%100
52	M48	Z	-.194	-.194	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	.319	.319	0	%100
56	M51C	Z	-.184	-.184	0	%100
57	M53	X	.336	.336	0	%100
58	M53	Z	-.194	-.194	0	%100
59	M58A	X	.557	.557	0	%100
60	M58A	Z	-.321	-.321	0	%100
61	M59A	X	.143	.143	0	%100
62	M59A	Z	-.082	-.082	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
63	M60	X	.143	.143	0	%100
64	M60	Z	-.082	-.082	0	%100
65	M61	X	.313	.313	0	%100
66	M61	Z	-.181	-.181	0	%100
67	M64	X	.174	.174	0	%100
68	M64	Z	-.1	-.1	0	%100
69	M65	X	.696	.696	0	%100
70	M65	Z	-.402	-.402	0	%100
71	M69	X	.94	.94	0	%100
72	M69	Z	-.542	-.542	0	%100
73	M70	X	.319	.319	0	%100
74	M70	Z	-.184	-.184	0	%100
75	M72	X	.336	.336	0	%100
76	M72	Z	-.194	-.194	0	%100
77	M74	X	.94	.94	0	%100
78	M74	Z	-.542	-.542	0	%100
79	M75	X	1.276	1.276	0	%100
80	M75	Z	-.737	-.737	0	%100
81	M77A	X	1.344	1.344	0	%100
82	M77A	Z	-.776	-.776	0	%100
83	M82	X	.731	.731	0	%100
84	M82	Z	-.422	-.422	0	%100
85	M83A	X	.183	.183	0	%100
86	M83A	Z	-.105	-.105	0	%100
87	MP5A	X	.496	.496	0	%100
88	MP5A	Z	-.286	-.286	0	%100
89	MP3C	X	.496	.496	0	%100
90	MP3C	Z	-.286	-.286	0	%100
91	MP4C	X	.496	.496	0	%100
92	MP4C	Z	-.286	-.286	0	%100
93	MP2C	X	.496	.496	0	%100
94	MP2C	Z	-.286	-.286	0	%100
95	MP1C	X	.496	.496	0	%100
96	MP1C	Z	-.286	-.286	0	%100
97	MP5C	X	.496	.496	0	%100
98	MP5C	Z	-.286	-.286	0	%100
99	MP3B	X	.496	.496	0	%100
100	MP3B	Z	-.286	-.286	0	%100
101	MP4B	X	.496	.496	0	%100
102	MP4B	Z	-.286	-.286	0	%100
103	MP2B	X	.496	.496	0	%100
104	MP2B	Z	-.286	-.286	0	%100
105	MP1B	X	.496	.496	0	%100
106	MP1B	Z	-.286	-.286	0	%100
107	MP5B	X	.496	.496	0	%100
108	MP5B	Z	-.286	-.286	0	%100
109	OVP	X	.496	.496	0	%100
110	OVP	Z	-.286	-.286	0	%100
111	M108	X	.15	.15	0	%100
112	M108	Z	-.087	-.087	0	%100
113	M114	X	.15	.15	0	%100
114	M114	Z	-.087	-.087	0	%100
115	M120	X	.6	.6	0	%100
116	M120	Z	-.347	-.347	0	%100
117	M132	X	.728	.728	0	%100
118	M132	Z	-.421	-.421	0	%100
119	M133	X	.182	.182	0	%100
120	M133	Z	-.105	-.105	0	%100
121	M134	X	.182	.182	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
122	M134	Z	-.105	-.105	0	%100
123	M135	X	.897	.897	0	%100
124	M135	Z	-.518	-.518	0	%100
125	M136	X	.612	.612	0	%100
126	M136	Z	-.353	-.353	0	%100
127	M137	X	.897	.897	0	%100
128	M137	Z	-.518	-.518	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.857	.857	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	.573	.573	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	.573	.573	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	.573	.573	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	.573	.573	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	.602	.602	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.602	.602	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	1.446	1.446	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	1.105	1.105	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	1.164	1.164	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	1.446	1.446	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	1.105	1.105	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	1.164	1.164	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.214	.214	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	.495	.495	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	.495	.495	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	1.085	1.085	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	.602	.602	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	.362	.362	0	%100
48	M45	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
49	M46A	X	1.105	1.105	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	1.164	1.164	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	.362	.362	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	.214	.214	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	.495	.495	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	.495	.495	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	1.085	1.085	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	.602	.602	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.362	.362	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	.362	.362	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	1.105	1.105	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	1.164	1.164	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	.633	.633	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	.633	.633	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	.573	.573	0	%100
88	MP5A	Z	0	0	0	%100
89	MP3C	X	.573	.573	0	%100
90	MP3C	Z	0	0	0	%100
91	MP4C	X	.573	.573	0	%100
92	MP4C	Z	0	0	0	%100
93	MP2C	X	.573	.573	0	%100
94	MP2C	Z	0	0	0	%100
95	MP1C	X	.573	.573	0	%100
96	MP1C	Z	0	0	0	%100
97	MP5C	X	.573	.573	0	%100
98	MP5C	Z	0	0	0	%100
99	MP3B	X	.573	.573	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	.573	.573	0	%100
102	MP4B	Z	0	0	0	%100
103	MP2B	X	.573	.573	0	%100
104	MP2B	Z	0	0	0	%100
105	MP1B	X	.573	.573	0	%100
106	MP1B	Z	0	0	0	%100
107	MP5B	X	.573	.573	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
108	MP5B	Z	0	0	0	%100
109	OVP	X	.573	.573	0	%100
110	OVP	Z	0	0	0	%100
111	M108	X	.52	.52	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	0	0	0	%100
115	M120	X	.52	.52	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	.631	.631	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	.631	.631	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	0	0	0	%100
123	M135	X	1.145	1.145	0	%100
124	M135	Z	0	0	0	%100
125	M136	X	.816	.816	0	%100
126	M136	Z	0	0	0	%100
127	M137	X	.816	.816	0	%100
128	M137	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.183	.183	0	%100
2	M1	Z	.105	.105	0	%100
3	M4	X	.557	.557	0	%100
4	M4	Z	.321	.321	0	%100
5	M10	X	.143	.143	0	%100
6	M10	Z	.082	.082	0	%100
7	MP3A	X	.496	.496	0	%100
8	MP3A	Z	.286	.286	0	%100
9	MP4A	X	.496	.496	0	%100
10	MP4A	Z	.286	.286	0	%100
11	MP2A	X	.496	.496	0	%100
12	MP2A	Z	.286	.286	0	%100
13	MP1A	X	.496	.496	0	%100
14	MP1A	Z	.286	.286	0	%100
15	M43	X	.143	.143	0	%100
16	M43	Z	.082	.082	0	%100
17	M46	X	.313	.313	0	%100
18	M46	Z	.181	.181	0	%100
19	M51B	X	.174	.174	0	%100
20	M51B	Z	.1	.1	0	%100
21	M52B	X	.696	.696	0	%100
22	M52B	Z	.402	.402	0	%100
23	M76	X	.94	.94	0	%100
24	M76	Z	.542	.542	0	%100
25	M77	X	.319	.319	0	%100
26	M77	Z	.184	.184	0	%100
27	M80	X	.336	.336	0	%100
28	M80	Z	.194	.194	0	%100
29	M84	X	.94	.94	0	%100
30	M84	Z	.542	.542	0	%100
31	M85	X	1.276	1.276	0	%100
32	M85	Z	.737	.737	0	%100
33	M91	X	1.344	1.344	0	%100
34	M91	Z	.776	.776	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
35	M34	X	.557	.557	0	%100
36	M34	Z	.321	.321	0	%100
37	M35	X	.143	.143	0	%100
38	M35	Z	.082	.082	0	%100
39	M36	X	.143	.143	0	%100
40	M36	Z	.082	.082	0	%100
41	M37	X	.313	.313	0	%100
42	M37	Z	.181	.181	0	%100
43	M40	X	.696	.696	0	%100
44	M40	Z	.402	.402	0	%100
45	M41	X	.174	.174	0	%100
46	M41	Z	.1	.1	0	%100
47	M45	X	.94	.94	0	%100
48	M45	Z	.542	.542	0	%100
49	M46A	X	1.276	1.276	0	%100
50	M46A	Z	.737	.737	0	%100
51	M48	X	1.344	1.344	0	%100
52	M48	Z	.776	.776	0	%100
53	M50A	X	.94	.94	0	%100
54	M50A	Z	.542	.542	0	%100
55	M51C	X	.319	.319	0	%100
56	M51C	Z	.184	.184	0	%100
57	M53	X	.336	.336	0	%100
58	M53	Z	.194	.194	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	.571	.571	0	%100
62	M59A	Z	.33	.33	0	%100
63	M60	X	.571	.571	0	%100
64	M60	Z	.33	.33	0	%100
65	M61	X	1.253	1.253	0	%100
66	M61	Z	.723	.723	0	%100
67	M64	X	.174	.174	0	%100
68	M64	Z	.1	.1	0	%100
69	M65	X	.174	.174	0	%100
70	M65	Z	.1	.1	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	.319	.319	0	%100
74	M70	Z	.184	.184	0	%100
75	M72	X	.336	.336	0	%100
76	M72	Z	.194	.194	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	.319	.319	0	%100
80	M75	Z	.184	.184	0	%100
81	M77A	X	.336	.336	0	%100
82	M77A	Z	.194	.194	0	%100
83	M82	X	.183	.183	0	%100
84	M82	Z	.105	.105	0	%100
85	M83A	X	.731	.731	0	%100
86	M83A	Z	.422	.422	0	%100
87	MP5A	X	.496	.496	0	%100
88	MP5A	Z	.286	.286	0	%100
89	MP3C	X	.496	.496	0	%100
90	MP3C	Z	.286	.286	0	%100
91	MP4C	X	.496	.496	0	%100
92	MP4C	Z	.286	.286	0	%100
93	MP2C	X	.496	.496	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
94	MP2C	Z	.286	.286	0	%100
95	MP1C	X	.496	.496	0	%100
96	MP1C	Z	.286	.286	0	%100
97	MP5C	X	.496	.496	0	%100
98	MP5C	Z	.286	.286	0	%100
99	MP3B	X	.496	.496	0	%100
100	MP3B	Z	.286	.286	0	%100
101	MP4B	X	.496	.496	0	%100
102	MP4B	Z	.286	.286	0	%100
103	MP2B	X	.496	.496	0	%100
104	MP2B	Z	.286	.286	0	%100
105	MP1B	X	.496	.496	0	%100
106	MP1B	Z	.286	.286	0	%100
107	MP5B	X	.496	.496	0	%100
108	MP5B	Z	.286	.286	0	%100
109	OVP	X	.496	.496	0	%100
110	OVP	Z	.286	.286	0	%100
111	M108	X	.6	.6	0	%100
112	M108	Z	.347	.347	0	%100
113	M114	X	.15	.15	0	%100
114	M114	Z	.087	.087	0	%100
115	M120	X	.15	.15	0	%100
116	M120	Z	.087	.087	0	%100
117	M132	X	.182	.182	0	%100
118	M132	Z	.105	.105	0	%100
119	M133	X	.728	.728	0	%100
120	M133	Z	.421	.421	0	%100
121	M134	X	.182	.182	0	%100
122	M134	Z	.105	.105	0	%100
123	M135	X	.897	.897	0	%100
124	M135	Z	.518	.518	0	%100
125	M136	X	.897	.897	0	%100
126	M136	Z	.518	.518	0	%100
127	M137	X	.612	.612	0	%100
128	M137	Z	.353	.353	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.316	.316	0	%100
2	M1	Z	.548	.548	0	%100
3	M4	X	.107	.107	0	%100
4	M4	Z	.186	.186	0	%100
5	M10	X	.247	.247	0	%100
6	M10	Z	.428	.428	0	%100
7	MP3A	X	.286	.286	0	%100
8	MP3A	Z	.496	.496	0	%100
9	MP4A	X	.286	.286	0	%100
10	MP4A	Z	.496	.496	0	%100
11	MP2A	X	.286	.286	0	%100
12	MP2A	Z	.496	.496	0	%100
13	MP1A	X	.286	.286	0	%100
14	MP1A	Z	.496	.496	0	%100
15	M43	X	.247	.247	0	%100
16	M43	Z	.428	.428	0	%100
17	M46	X	.542	.542	0	%100
18	M46	Z	.94	.94	0	%100
19	M51B	X	0	0	0	%100
20	M51B	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,...	Start Location[ft,%]	End Location[ft,%]
21	M52B	X	.301	.301	0	%100
22	M52B	Z	.522	.522	0	%100
23	M76	X	.181	.181	0	%100
24	M76	Z	.313	.313	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.181	.181	0	%100
30	M84	Z	.313	.313	0	%100
31	M85	X	.552	.552	0	%100
32	M85	Z	.957	.957	0	%100
33	M91	X	.582	.582	0	%100
34	M91	Z	1.008	1.008	0	%100
35	M34	X	.429	.429	0	%100
36	M34	Z	.742	.742	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	.301	.301	0	%100
44	M40	Z	.522	.522	0	%100
45	M41	X	.301	.301	0	%100
46	M41	Z	.522	.522	0	%100
47	M45	X	.723	.723	0	%100
48	M45	Z	1.253	1.253	0	%100
49	M46A	X	.552	.552	0	%100
50	M46A	Z	.957	.957	0	%100
51	M48	X	.582	.582	0	%100
52	M48	Z	1.008	1.008	0	%100
53	M50A	X	.723	.723	0	%100
54	M50A	Z	1.253	1.253	0	%100
55	M51C	X	.552	.552	0	%100
56	M51C	Z	.957	.957	0	%100
57	M53	X	.582	.582	0	%100
58	M53	Z	1.008	1.008	0	%100
59	M58A	X	.107	.107	0	%100
60	M58A	Z	.186	.186	0	%100
61	M59A	X	.247	.247	0	%100
62	M59A	Z	.428	.428	0	%100
63	M60	X	.247	.247	0	%100
64	M60	Z	.428	.428	0	%100
65	M61	X	.542	.542	0	%100
66	M61	Z	.94	.94	0	%100
67	M64	X	.301	.301	0	%100
68	M64	Z	.522	.522	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.181	.181	0	%100
72	M69	Z	.313	.313	0	%100
73	M70	X	.552	.552	0	%100
74	M70	Z	.957	.957	0	%100
75	M72	X	.582	.582	0	%100
76	M72	Z	1.008	1.008	0	%100
77	M74	X	.181	.181	0	%100
78	M74	Z	.313	.313	0	%100
79	M75	X	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,...	Start Location[ft,%]	End Location[ft,%]
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	.316	.316	0	%100
86	M83A	Z	.548	.548	0	%100
87	MP5A	X	.286	.286	0	%100
88	MP5A	Z	.496	.496	0	%100
89	MP3C	X	.286	.286	0	%100
90	MP3C	Z	.496	.496	0	%100
91	MP4C	X	.286	.286	0	%100
92	MP4C	Z	.496	.496	0	%100
93	MP2C	X	.286	.286	0	%100
94	MP2C	Z	.496	.496	0	%100
95	MP1C	X	.286	.286	0	%100
96	MP1C	Z	.496	.496	0	%100
97	MP5C	X	.286	.286	0	%100
98	MP5C	Z	.496	.496	0	%100
99	MP3B	X	.286	.286	0	%100
100	MP3B	Z	.496	.496	0	%100
101	MP4B	X	.286	.286	0	%100
102	MP4B	Z	.496	.496	0	%100
103	MP2B	X	.286	.286	0	%100
104	MP2B	Z	.496	.496	0	%100
105	MP1B	X	.286	.286	0	%100
106	MP1B	Z	.496	.496	0	%100
107	MP5B	X	.286	.286	0	%100
108	MP5B	Z	.496	.496	0	%100
109	OVP	X	.286	.286	0	%100
110	OVP	Z	.496	.496	0	%100
111	M108	X	.26	.26	0	%100
112	M108	Z	.45	.45	0	%100
113	M114	X	.26	.26	0	%100
114	M114	Z	.45	.45	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	.315	.315	0	%100
120	M133	Z	.546	.546	0	%100
121	M134	X	.315	.315	0	%100
122	M134	Z	.546	.546	0	%100
123	M135	X	.408	.408	0	%100
124	M135	Z	.707	.707	0	%100
125	M136	X	.573	.573	0	%100
126	M136	Z	.992	.992	0	%100
127	M137	X	.408	.408	0	%100
128	M137	Z	.707	.707	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.844	.844	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.66	.66	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
7	MP3A	X	0	0	0	%100
8	MP3A	Z	.573	.573	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	.573	.573	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	.573	.573	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	.573	.573	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	.66	.66	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	1.446	1.446	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.201	.201	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.201	.201	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	.368	.368	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	.388	.388	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	.368	.368	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	.388	.388	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	.643	.643	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	.165	.165	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	.165	.165	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	.362	.362	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	.201	.201	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	.803	.803	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	1.085	1.085	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	.368	.368	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	.388	.388	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	1.085	1.085	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	1.473	1.473	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	1.552	1.552	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	.643	.643	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	.165	.165	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	.165	.165	0	%100
65	M61	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
66	M61	Z	.362	.362	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	.803	.803	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	.201	.201	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	1.085	1.085	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	1.473	1.473	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	1.552	1.552	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	1.085	1.085	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	.368	.368	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	.388	.388	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	.211	.211	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	.211	.211	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	.573	.573	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	.573	.573	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	.573	.573	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	.573	.573	0	%100
95	MP1C	X	0	0	0	%100
96	MP1C	Z	.573	.573	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	.573	.573	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	.573	.573	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	.573	.573	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	.573	.573	0	%100
105	MP1B	X	0	0	0	%100
106	MP1B	Z	.573	.573	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	.573	.573	0	%100
109	OVP	X	0	0	0	%100
110	OVP	Z	.573	.573	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	.173	.173	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	.693	.693	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	.173	.173	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	.21	.21	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	.21	.21	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	.841	.841	0	%100
123	M135	X	0	0	0	%100
124	M135	Z	.707	.707	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
125	M136	X	0	0	0	%100
126	M136	Z	1.036	1.036	0	%100
127	M137	X	0	0	0	%100
128	M137	Z	1.036	1.036	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.316	-.316	0	%100
2	M1	Z	.548	.548	0	%100
3	M4	X	-.107	-.107	0	%100
4	M4	Z	.186	.186	0	%100
5	M10	X	-.247	-.247	0	%100
6	M10	Z	.428	.428	0	%100
7	MP3A	X	-.286	-.286	0	%100
8	MP3A	Z	.496	.496	0	%100
9	MP4A	X	-.286	-.286	0	%100
10	MP4A	Z	.496	.496	0	%100
11	MP2A	X	-.286	-.286	0	%100
12	MP2A	Z	.496	.496	0	%100
13	MP1A	X	-.286	-.286	0	%100
14	MP1A	Z	.496	.496	0	%100
15	M43	X	-.247	-.247	0	%100
16	M43	Z	.428	.428	0	%100
17	M46	X	-.542	-.542	0	%100
18	M46	Z	.94	.94	0	%100
19	M51B	X	-.301	-.301	0	%100
20	M51B	Z	.522	.522	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.181	-.181	0	%100
24	M76	Z	.313	.313	0	%100
25	M77	X	-.552	-.552	0	%100
26	M77	Z	.957	.957	0	%100
27	M80	X	-.582	-.582	0	%100
28	M80	Z	1.008	1.008	0	%100
29	M84	X	-.181	-.181	0	%100
30	M84	Z	.313	.313	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.107	-.107	0	%100
36	M34	Z	.186	.186	0	%100
37	M35	X	-.247	-.247	0	%100
38	M35	Z	.428	.428	0	%100
39	M36	X	-.247	-.247	0	%100
40	M36	Z	.428	.428	0	%100
41	M37	X	-.542	-.542	0	%100
42	M37	Z	.94	.94	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-.301	-.301	0	%100
46	M41	Z	.522	.522	0	%100
47	M45	X	-.181	-.181	0	%100
48	M45	Z	.313	.313	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
52	M48	Z	0	0	0	%100
53	M50A	X	-.181	-.181	0	%100
54	M50A	Z	.313	.313	0	%100
55	M51C	X	-.552	-.552	0	%100
56	M51C	Z	.957	.957	0	%100
57	M53	X	-.582	-.582	0	%100
58	M53	Z	1.008	1.008	0	%100
59	M58A	X	-.429	-.429	0	%100
60	M58A	Z	.742	.742	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	-.301	-.301	0	%100
68	M64	Z	.522	.522	0	%100
69	M65	X	-.301	-.301	0	%100
70	M65	Z	.522	.522	0	%100
71	M69	X	-.723	-.723	0	%100
72	M69	Z	1.253	1.253	0	%100
73	M70	X	-.552	-.552	0	%100
74	M70	Z	.957	.957	0	%100
75	M72	X	-.582	-.582	0	%100
76	M72	Z	1.008	1.008	0	%100
77	M74	X	-.723	-.723	0	%100
78	M74	Z	1.253	1.253	0	%100
79	M75	X	-.552	-.552	0	%100
80	M75	Z	.957	.957	0	%100
81	M77A	X	-.582	-.582	0	%100
82	M77A	Z	1.008	1.008	0	%100
83	M82	X	-.316	-.316	0	%100
84	M82	Z	.548	.548	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	-.286	-.286	0	%100
88	MP5A	Z	.496	.496	0	%100
89	MP3C	X	-.286	-.286	0	%100
90	MP3C	Z	.496	.496	0	%100
91	MP4C	X	-.286	-.286	0	%100
92	MP4C	Z	.496	.496	0	%100
93	MP2C	X	-.286	-.286	0	%100
94	MP2C	Z	.496	.496	0	%100
95	MP1C	X	-.286	-.286	0	%100
96	MP1C	Z	.496	.496	0	%100
97	MP5C	X	-.286	-.286	0	%100
98	MP5C	Z	.496	.496	0	%100
99	MP3B	X	-.286	-.286	0	%100
100	MP3B	Z	.496	.496	0	%100
101	MP4B	X	-.286	-.286	0	%100
102	MP4B	Z	.496	.496	0	%100
103	MP2B	X	-.286	-.286	0	%100
104	MP2B	Z	.496	.496	0	%100
105	MP1B	X	-.286	-.286	0	%100
106	MP1B	Z	.496	.496	0	%100
107	MP5B	X	-.286	-.286	0	%100
108	MP5B	Z	.496	.496	0	%100
109	OVP	X	-.286	-.286	0	%100
110	OVP	Z	.496	.496	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	-.26	-.26	0	%100
114	M114	Z	.45	.45	0	%100
115	M120	X	-.26	-.26	0	%100
116	M120	Z	.45	.45	0	%100
117	M132	X	-.315	-.315	0	%100
118	M132	Z	.546	.546	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	-.315	-.315	0	%100
122	M134	Z	.546	.546	0	%100
123	M135	X	-.408	-.408	0	%100
124	M135	Z	.707	.707	0	%100
125	M136	X	-.408	-.408	0	%100
126	M136	Z	.707	.707	0	%100
127	M137	X	-.573	-.573	0	%100
128	M137	Z	.992	.992	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.183	-.183	0	%100
2	M1	Z	.105	.105	0	%100
3	M4	X	-.557	-.557	0	%100
4	M4	Z	.321	.321	0	%100
5	M10	X	-.143	-.143	0	%100
6	M10	Z	.082	.082	0	%100
7	MP3A	X	-.496	-.496	0	%100
8	MP3A	Z	.286	.286	0	%100
9	MP4A	X	-.496	-.496	0	%100
10	MP4A	Z	.286	.286	0	%100
11	MP2A	X	-.496	-.496	0	%100
12	MP2A	Z	.286	.286	0	%100
13	MP1A	X	-.496	-.496	0	%100
14	MP1A	Z	.286	.286	0	%100
15	M43	X	-.143	-.143	0	%100
16	M43	Z	.082	.082	0	%100
17	M46	X	-.313	-.313	0	%100
18	M46	Z	.181	.181	0	%100
19	M51B	X	-.696	-.696	0	%100
20	M51B	Z	.402	.402	0	%100
21	M52B	X	-.174	-.174	0	%100
22	M52B	Z	.1	.1	0	%100
23	M76	X	-.94	-.94	0	%100
24	M76	Z	.542	.542	0	%100
25	M77	X	-1.276	-1.276	0	%100
26	M77	Z	.737	.737	0	%100
27	M80	X	-1.344	-1.344	0	%100
28	M80	Z	.776	.776	0	%100
29	M84	X	-.94	-.94	0	%100
30	M84	Z	.542	.542	0	%100
31	M85	X	-.319	-.319	0	%100
32	M85	Z	.184	.184	0	%100
33	M91	X	-.336	-.336	0	%100
34	M91	Z	.194	.194	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-.571	-.571	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
38	M35	Z	.33	.33	0	%100
39	M36	X	-.571	-.571	0	%100
40	M36	Z	.33	.33	0	%100
41	M37	X	-1.253	-1.253	0	%100
42	M37	Z	.723	.723	0	%100
43	M40	X	-.174	-.174	0	%100
44	M40	Z	.1	.1	0	%100
45	M41	X	-.174	-.174	0	%100
46	M41	Z	.1	.1	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-.319	-.319	0	%100
50	M46A	Z	.184	.184	0	%100
51	M48	X	-.336	-.336	0	%100
52	M48	Z	.194	.194	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-.319	-.319	0	%100
56	M51C	Z	.184	.184	0	%100
57	M53	X	-.336	-.336	0	%100
58	M53	Z	.194	.194	0	%100
59	M58A	X	-.557	-.557	0	%100
60	M58A	Z	.321	.321	0	%100
61	M59A	X	-.143	-.143	0	%100
62	M59A	Z	.082	.082	0	%100
63	M60	X	-.143	-.143	0	%100
64	M60	Z	.082	.082	0	%100
65	M61	X	-.313	-.313	0	%100
66	M61	Z	.181	.181	0	%100
67	M64	X	-.174	-.174	0	%100
68	M64	Z	.1	.1	0	%100
69	M65	X	-.696	-.696	0	%100
70	M65	Z	.402	.402	0	%100
71	M69	X	-.94	-.94	0	%100
72	M69	Z	.542	.542	0	%100
73	M70	X	-.319	-.319	0	%100
74	M70	Z	.184	.184	0	%100
75	M72	X	-.336	-.336	0	%100
76	M72	Z	.194	.194	0	%100
77	M74	X	-.94	-.94	0	%100
78	M74	Z	.542	.542	0	%100
79	M75	X	-1.276	-1.276	0	%100
80	M75	Z	.737	.737	0	%100
81	M77A	X	-1.344	-1.344	0	%100
82	M77A	Z	.776	.776	0	%100
83	M82	X	-.731	-.731	0	%100
84	M82	Z	.422	.422	0	%100
85	M83A	X	-.183	-.183	0	%100
86	M83A	Z	.105	.105	0	%100
87	MP5A	X	-.496	-.496	0	%100
88	MP5A	Z	.286	.286	0	%100
89	MP3C	X	-.496	-.496	0	%100
90	MP3C	Z	.286	.286	0	%100
91	MP4C	X	-.496	-.496	0	%100
92	MP4C	Z	.286	.286	0	%100
93	MP2C	X	-.496	-.496	0	%100
94	MP2C	Z	.286	.286	0	%100
95	MP1C	X	-.496	-.496	0	%100
96	MP1C	Z	.286	.286	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
97	MP5C	X	-.496	-.496	0	%100
98	MP5C	Z	.286	.286	0	%100
99	MP3B	X	-.496	-.496	0	%100
100	MP3B	Z	.286	.286	0	%100
101	MP4B	X	-.496	-.496	0	%100
102	MP4B	Z	.286	.286	0	%100
103	MP2B	X	-.496	-.496	0	%100
104	MP2B	Z	.286	.286	0	%100
105	MP1B	X	-.496	-.496	0	%100
106	MP1B	Z	.286	.286	0	%100
107	MP5B	X	-.496	-.496	0	%100
108	MP5B	Z	.286	.286	0	%100
109	OVP	X	-.496	-.496	0	%100
110	OVP	Z	.286	.286	0	%100
111	M108	X	-.15	-.15	0	%100
112	M108	Z	.087	.087	0	%100
113	M114	X	-.15	-.15	0	%100
114	M114	Z	.087	.087	0	%100
115	M120	X	-.6	-.6	0	%100
116	M120	Z	.347	.347	0	%100
117	M132	X	-.728	-.728	0	%100
118	M132	Z	.421	.421	0	%100
119	M133	X	-.182	-.182	0	%100
120	M133	Z	.105	.105	0	%100
121	M134	X	-.182	-.182	0	%100
122	M134	Z	.105	.105	0	%100
123	M135	X	-.897	-.897	0	%100
124	M135	Z	.518	.518	0	%100
125	M136	X	-.612	-.612	0	%100
126	M136	Z	.353	.353	0	%100
127	M137	X	-.897	-.897	0	%100
128	M137	Z	.518	.518	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.857	-.857	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-.573	-.573	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-.573	-.573	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-.573	-.573	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-.573	-.573	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-.602	-.602	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.602	-.602	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-1.446	-1.446	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
24	M76	Z	0	0	0	%100
25	M77	X	-1.105	-1.105	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-1.164	-1.164	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-1.446	-1.446	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-1.105	-1.105	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-1.164	-1.164	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.214	-.214	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-.495	-.495	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-.495	-.495	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-1.085	-1.085	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-.602	-.602	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-.362	-.362	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-1.105	-1.105	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-1.164	-1.164	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-.362	-.362	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	-.214	-.214	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-.495	-.495	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-.495	-.495	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-1.085	-1.085	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-.602	-.602	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-.362	-.362	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-.362	-.362	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-1.105	-1.105	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-1.164	-1.164	0	%100
82	M77A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
83	M82	X	-.633	-.633	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	-.633	-.633	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	-.573	-.573	0	%100
88	MP5A	Z	0	0	0	%100
89	MP3C	X	-.573	-.573	0	%100
90	MP3C	Z	0	0	0	%100
91	MP4C	X	-.573	-.573	0	%100
92	MP4C	Z	0	0	0	%100
93	MP2C	X	-.573	-.573	0	%100
94	MP2C	Z	0	0	0	%100
95	MP1C	X	-.573	-.573	0	%100
96	MP1C	Z	0	0	0	%100
97	MP5C	X	-.573	-.573	0	%100
98	MP5C	Z	0	0	0	%100
99	MP3B	X	-.573	-.573	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	-.573	-.573	0	%100
102	MP4B	Z	0	0	0	%100
103	MP2B	X	-.573	-.573	0	%100
104	MP2B	Z	0	0	0	%100
105	MP1B	X	-.573	-.573	0	%100
106	MP1B	Z	0	0	0	%100
107	MP5B	X	-.573	-.573	0	%100
108	MP5B	Z	0	0	0	%100
109	OVP	X	-.573	-.573	0	%100
110	OVP	Z	0	0	0	%100
111	M108	X	-.52	-.52	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	0	0	0	%100
115	M120	X	-.52	-.52	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	-.631	-.631	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-.631	-.631	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	0	0	0	%100
123	M135	X	-1.145	-1.145	0	%100
124	M135	Z	0	0	0	%100
125	M136	X	-.816	-.816	0	%100
126	M136	Z	0	0	0	%100
127	M137	X	-.816	-.816	0	%100
128	M137	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.183	-.183	0	%100
2	M1	Z	-.105	-.105	0	%100
3	M4	X	-.557	-.557	0	%100
4	M4	Z	-.321	-.321	0	%100
5	M10	X	-.143	-.143	0	%100
6	M10	Z	-.082	-.082	0	%100
7	MP3A	X	-.496	-.496	0	%100
8	MP3A	Z	-.286	-.286	0	%100
9	MP4A	X	-.496	-.496	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
10	MP4A	Z	-.286	-.286	0	%100
11	MP2A	X	-.496	-.496	0	%100
12	MP2A	Z	-.286	-.286	0	%100
13	MP1A	X	-.496	-.496	0	%100
14	MP1A	Z	-.286	-.286	0	%100
15	M43	X	-.143	-.143	0	%100
16	M43	Z	-.082	-.082	0	%100
17	M46	X	-.313	-.313	0	%100
18	M46	Z	-.181	-.181	0	%100
19	M51B	X	-.174	-.174	0	%100
20	M51B	Z	-.1	-.1	0	%100
21	M52B	X	-.696	-.696	0	%100
22	M52B	Z	-.402	-.402	0	%100
23	M76	X	-.94	-.94	0	%100
24	M76	Z	-.542	-.542	0	%100
25	M77	X	-.319	-.319	0	%100
26	M77	Z	-.184	-.184	0	%100
27	M80	X	-.336	-.336	0	%100
28	M80	Z	-.194	-.194	0	%100
29	M84	X	-.94	-.94	0	%100
30	M84	Z	-.542	-.542	0	%100
31	M85	X	-1.276	-1.276	0	%100
32	M85	Z	-.737	-.737	0	%100
33	M91	X	-1.344	-1.344	0	%100
34	M91	Z	-.776	-.776	0	%100
35	M34	X	-.557	-.557	0	%100
36	M34	Z	-.321	-.321	0	%100
37	M35	X	-.143	-.143	0	%100
38	M35	Z	-.082	-.082	0	%100
39	M36	X	-.143	-.143	0	%100
40	M36	Z	-.082	-.082	0	%100
41	M37	X	-.313	-.313	0	%100
42	M37	Z	-.181	-.181	0	%100
43	M40	X	-.696	-.696	0	%100
44	M40	Z	-.402	-.402	0	%100
45	M41	X	-.174	-.174	0	%100
46	M41	Z	-.1	-.1	0	%100
47	M45	X	-.94	-.94	0	%100
48	M45	Z	-.542	-.542	0	%100
49	M46A	X	-1.276	-1.276	0	%100
50	M46A	Z	-.737	-.737	0	%100
51	M48	X	-1.344	-1.344	0	%100
52	M48	Z	-.776	-.776	0	%100
53	M50A	X	-.94	-.94	0	%100
54	M50A	Z	-.542	-.542	0	%100
55	M51C	X	-.319	-.319	0	%100
56	M51C	Z	-.184	-.184	0	%100
57	M53	X	-.336	-.336	0	%100
58	M53	Z	-.194	-.194	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-.571	-.571	0	%100
62	M59A	Z	-.33	-.33	0	%100
63	M60	X	-.571	-.571	0	%100
64	M60	Z	-.33	-.33	0	%100
65	M61	X	-1.253	-1.253	0	%100
66	M61	Z	-.723	-.723	0	%100
67	M64	X	-.174	-.174	0	%100
68	M64	Z	-.1	-.1	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
69	M65	X	-.174	-.174	0	%100
70	M65	Z	-.1	-.1	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-.319	-.319	0	%100
74	M70	Z	-.184	-.184	0	%100
75	M72	X	-.336	-.336	0	%100
76	M72	Z	-.194	-.194	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-.319	-.319	0	%100
80	M75	Z	-.184	-.184	0	%100
81	M77A	X	-.336	-.336	0	%100
82	M77A	Z	-.194	-.194	0	%100
83	M82	X	-.183	-.183	0	%100
84	M82	Z	-.105	-.105	0	%100
85	M83A	X	-.731	-.731	0	%100
86	M83A	Z	-.422	-.422	0	%100
87	MP5A	X	-.496	-.496	0	%100
88	MP5A	Z	-.286	-.286	0	%100
89	MP3C	X	-.496	-.496	0	%100
90	MP3C	Z	-.286	-.286	0	%100
91	MP4C	X	-.496	-.496	0	%100
92	MP4C	Z	-.286	-.286	0	%100
93	MP2C	X	-.496	-.496	0	%100
94	MP2C	Z	-.286	-.286	0	%100
95	MP1C	X	-.496	-.496	0	%100
96	MP1C	Z	-.286	-.286	0	%100
97	MP5C	X	-.496	-.496	0	%100
98	MP5C	Z	-.286	-.286	0	%100
99	MP3B	X	-.496	-.496	0	%100
100	MP3B	Z	-.286	-.286	0	%100
101	MP4B	X	-.496	-.496	0	%100
102	MP4B	Z	-.286	-.286	0	%100
103	MP2B	X	-.496	-.496	0	%100
104	MP2B	Z	-.286	-.286	0	%100
105	MP1B	X	-.496	-.496	0	%100
106	MP1B	Z	-.286	-.286	0	%100
107	MP5B	X	-.496	-.496	0	%100
108	MP5B	Z	-.286	-.286	0	%100
109	OVP	X	-.496	-.496	0	%100
110	OVP	Z	-.286	-.286	0	%100
111	M108	X	-.6	-.6	0	%100
112	M108	Z	-.347	-.347	0	%100
113	M114	X	-.15	-.15	0	%100
114	M114	Z	-.087	-.087	0	%100
115	M120	X	-.15	-.15	0	%100
116	M120	Z	-.087	-.087	0	%100
117	M132	X	-.182	-.182	0	%100
118	M132	Z	-.105	-.105	0	%100
119	M133	X	-.728	-.728	0	%100
120	M133	Z	-.421	-.421	0	%100
121	M134	X	-.182	-.182	0	%100
122	M134	Z	-.105	-.105	0	%100
123	M135	X	-.897	-.897	0	%100
124	M135	Z	-.518	-.518	0	%100
125	M136	X	-.897	-.897	0	%100
126	M136	Z	-.518	-.518	0	%100
127	M137	X	-.612	-.612	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
128	M137	Z	-.353	-.353	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.316	-.316	0	%100
2	M1	Z	-.548	-.548	0	%100
3	M4	X	-.107	-.107	0	%100
4	M4	Z	-.186	-.186	0	%100
5	M10	X	-.247	-.247	0	%100
6	M10	Z	-.428	-.428	0	%100
7	MP3A	X	-.286	-.286	0	%100
8	MP3A	Z	-.496	-.496	0	%100
9	MP4A	X	-.286	-.286	0	%100
10	MP4A	Z	-.496	-.496	0	%100
11	MP2A	X	-.286	-.286	0	%100
12	MP2A	Z	-.496	-.496	0	%100
13	MP1A	X	-.286	-.286	0	%100
14	MP1A	Z	-.496	-.496	0	%100
15	M43	X	-.247	-.247	0	%100
16	M43	Z	-.428	-.428	0	%100
17	M46	X	-.542	-.542	0	%100
18	M46	Z	-.94	-.94	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.301	-.301	0	%100
22	M52B	Z	-.522	-.522	0	%100
23	M76	X	-.181	-.181	0	%100
24	M76	Z	-.313	-.313	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.181	-.181	0	%100
30	M84	Z	-.313	-.313	0	%100
31	M85	X	-.552	-.552	0	%100
32	M85	Z	-.957	-.957	0	%100
33	M91	X	-.582	-.582	0	%100
34	M91	Z	-1.008	-1.008	0	%100
35	M34	X	-.429	-.429	0	%100
36	M34	Z	-.742	-.742	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-.301	-.301	0	%100
44	M40	Z	-.522	-.522	0	%100
45	M41	X	-.301	-.301	0	%100
46	M41	Z	-.522	-.522	0	%100
47	M45	X	-.723	-.723	0	%100
48	M45	Z	-1.253	-1.253	0	%100
49	M46A	X	-.552	-.552	0	%100
50	M46A	Z	-.957	-.957	0	%100
51	M48	X	-.582	-.582	0	%100
52	M48	Z	-1.008	-1.008	0	%100
53	M50A	X	-.723	-.723	0	%100
54	M50A	Z	-1.253	-1.253	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
55	M51C	X	-.552	-.552	0	%100
56	M51C	Z	-.957	-.957	0	%100
57	M53	X	-.582	-.582	0	%100
58	M53	Z	-1.008	-1.008	0	%100
59	M58A	X	-.107	-.107	0	%100
60	M58A	Z	-.186	-.186	0	%100
61	M59A	X	-.247	-.247	0	%100
62	M59A	Z	-.428	-.428	0	%100
63	M60	X	-.247	-.247	0	%100
64	M60	Z	-.428	-.428	0	%100
65	M61	X	-.542	-.542	0	%100
66	M61	Z	-.94	-.94	0	%100
67	M64	X	-.301	-.301	0	%100
68	M64	Z	-.522	-.522	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-.181	-.181	0	%100
72	M69	Z	-.313	-.313	0	%100
73	M70	X	-.552	-.552	0	%100
74	M70	Z	-.957	-.957	0	%100
75	M72	X	-.582	-.582	0	%100
76	M72	Z	-1.008	-1.008	0	%100
77	M74	X	-.181	-.181	0	%100
78	M74	Z	-.313	-.313	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	-.316	-.316	0	%100
86	M83A	Z	-.548	-.548	0	%100
87	MP5A	X	-.286	-.286	0	%100
88	MP5A	Z	-.496	-.496	0	%100
89	MP3C	X	-.286	-.286	0	%100
90	MP3C	Z	-.496	-.496	0	%100
91	MP4C	X	-.286	-.286	0	%100
92	MP4C	Z	-.496	-.496	0	%100
93	MP2C	X	-.286	-.286	0	%100
94	MP2C	Z	-.496	-.496	0	%100
95	MP1C	X	-.286	-.286	0	%100
96	MP1C	Z	-.496	-.496	0	%100
97	MP5C	X	-.286	-.286	0	%100
98	MP5C	Z	-.496	-.496	0	%100
99	MP3B	X	-.286	-.286	0	%100
100	MP3B	Z	-.496	-.496	0	%100
101	MP4B	X	-.286	-.286	0	%100
102	MP4B	Z	-.496	-.496	0	%100
103	MP2B	X	-.286	-.286	0	%100
104	MP2B	Z	-.496	-.496	0	%100
105	MP1B	X	-.286	-.286	0	%100
106	MP1B	Z	-.496	-.496	0	%100
107	MP5B	X	-.286	-.286	0	%100
108	MP5B	Z	-.496	-.496	0	%100
109	OVP	X	-.286	-.286	0	%100
110	OVP	Z	-.496	-.496	0	%100
111	M108	X	-.26	-.26	0	%100
112	M108	Z	-.45	-.45	0	%100
113	M114	X	-.26	-.26	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
114	M114	Z	-.45	-.45	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-.315	-.315	0	%100
120	M133	Z	-.546	-.546	0	%100
121	M134	X	-.315	-.315	0	%100
122	M134	Z	-.546	-.546	0	%100
123	M135	X	-.408	-.408	0	%100
124	M135	Z	-.707	-.707	0	%100
125	M136	X	-.573	-.573	0	%100
126	M136	Z	-.992	-.992	0	%100
127	M137	X	-.408	-.408	0	%100
128	M137	Z	-.707	-.707	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M40	Y	-1.665	-4.227	0	.832
2	M40	Y	-4.227	-6.9	.832	1.665
3	M40	Y	-6.9	-8.189	1.665	2.497
4	M40	Y	-8.189	-6.545	2.497	3.329
5	M40	Y	-6.545	-3.463	3.329	4.162
6	M41	Y	-3.47	-6.578	0	.832
7	M41	Y	-6.578	-8.256	.832	1.665
8	M41	Y	-8.256	-7.042	1.665	2.497
9	M41	Y	-7.042	-4.428	2.497	3.329
10	M41	Y	-4.428	-1.879	3.329	4.162
11	M64	Y	-1.879	-4.428	0	.832
12	M64	Y	-4.428	-7.042	.832	1.665
13	M64	Y	-7.042	-8.256	1.665	2.497
14	M64	Y	-8.256	-6.578	2.497	3.329
15	M64	Y	-6.578	-3.47	3.329	4.162
16	M65	Y	-3.463	-6.545	0	.832
17	M65	Y	-6.545	-8.189	.832	1.665
18	M65	Y	-8.189	-6.9	1.665	2.497
19	M65	Y	-6.9	-4.227	2.497	3.329
20	M65	Y	-4.227	-1.665	3.329	4.162
21	M51B	Y	-1.661	-4.228	0	.832
22	M51B	Y	-4.228	-6.902	.832	1.665
23	M51B	Y	-6.902	-8.189	1.665	2.497
24	M51B	Y	-8.189	-6.545	2.497	3.329
25	M51B	Y	-6.545	-3.463	3.329	4.162
26	M52B	Y	-3.462	-6.573	0	.832
27	M52B	Y	-6.573	-8.26	.832	1.665
28	M52B	Y	-8.26	-7.044	1.665	2.497
29	M52B	Y	-7.044	-4.426	2.497	3.329
30	M52B	Y	-4.426	-1.884	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M40	Y	-3.194	-8.107	0	.832
2	M40	Y	-8.107	-13.233	.832	1.665
3	M40	Y	-13.233	-15.705	1.665	2.497
4	M40	Y	-15.705	-12.552	2.497	3.329
5	M40	Y	-12.552	-6.641	3.329	4.162
6	M41	Y	-6.655	-12.616	0	.832
7	M41	Y	-12.616	-15.835	.832	1.665

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
8	M41	Y	-15.835	-13.505	1.665	2.497
9	M41	Y	-13.505	-8.493	2.497	3.329
10	M41	Y	-8.493	-3.604	3.329	4.162
11	M64	Y	-3.604	-8.493	0	.832
12	M64	Y	-8.493	-13.505	.832	1.665
13	M64	Y	-13.505	-15.835	1.665	2.497
14	M64	Y	-15.835	-12.616	2.497	3.329
15	M64	Y	-12.616	-6.655	3.329	4.162
16	M65	Y	-6.641	-12.552	0	.832
17	M65	Y	-12.552	-15.705	.832	1.665
18	M65	Y	-15.705	-13.233	1.665	2.497
19	M65	Y	-13.233	-8.107	2.497	3.329
20	M65	Y	-8.107	-3.194	3.329	4.162
21	M51B	Y	-3.186	-8.109	0	.832
22	M51B	Y	-8.109	-13.237	.832	1.665
23	M51B	Y	-13.237	-15.705	1.665	2.497
24	M51B	Y	-15.705	-12.552	2.497	3.329
25	M51B	Y	-12.552	-6.642	3.329	4.162
26	M52B	Y	-6.639	-12.607	0	.832
27	M52B	Y	-12.607	-15.843	.832	1.665
28	M52B	Y	-15.843	-13.51	1.665	2.497
29	M52B	Y	-13.51	-8.489	2.497	3.329
30	M52B	Y	-8.489	-3.614	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M40	Y	-.075	-.19	0	.832
2	M40	Y	-.19	-.31	.832	1.665
3	M40	Y	-.31	-.368	1.665	2.497
4	M40	Y	-.368	-.295	2.497	3.329
5	M40	Y	-.295	-.156	3.329	4.162
6	M41	Y	-.156	-.296	0	.832
7	M41	Y	-.296	-.372	.832	1.665
8	M41	Y	-.372	-.317	1.665	2.497
9	M41	Y	-.317	-.199	2.497	3.329
10	M41	Y	-.199	-.085	3.329	4.162
11	M64	Y	-.085	-.199	0	.832
12	M64	Y	-.199	-.317	.832	1.665
13	M64	Y	-.317	-.372	1.665	2.497
14	M64	Y	-.372	-.296	2.497	3.329
15	M64	Y	-.296	-.156	3.329	4.162
16	M65	Y	-.156	-.295	0	.832
17	M65	Y	-.295	-.368	.832	1.665
18	M65	Y	-.368	-.31	1.665	2.497
19	M65	Y	-.31	-.19	2.497	3.329
20	M65	Y	-.19	-.075	3.329	4.162
21	M51B	Y	-.075	-.19	0	.832
22	M51B	Y	-.19	-.311	.832	1.665
23	M51B	Y	-.311	-.368	1.665	2.497
24	M51B	Y	-.368	-.295	2.497	3.329
25	M51B	Y	-.295	-.156	3.329	4.162
26	M52B	Y	-.156	-.296	0	.832
27	M52B	Y	-.296	-.372	.832	1.665
28	M52B	Y	-.372	-.317	1.665	2.497
29	M52B	Y	-.317	-.199	2.497	3.329
30	M52B	Y	-.199	-.085	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M40	Z	-.187	-.476	0	.832
2	M40	Z	-.476	-.776	.832	1.665
3	M40	Z	-.776	-.921	1.665	2.497
4	M40	Z	-.921	-.736	2.497	3.329
5	M40	Z	-.736	-.39	3.329	4.162
6	M41	Z	-.39	-.74	0	.832
7	M41	Z	-.74	-.929	.832	1.665
8	M41	Z	-.929	-.792	1.665	2.497
9	M41	Z	-.792	-.498	2.497	3.329
10	M41	Z	-.498	-.211	3.329	4.162
11	M64	Z	-.211	-.498	0	.832
12	M64	Z	-.498	-.792	.832	1.665
13	M64	Z	-.792	-.929	1.665	2.497
14	M64	Z	-.929	-.74	2.497	3.329
15	M64	Z	-.74	-.39	3.329	4.162
16	M65	Z	-.39	-.736	0	.832
17	M65	Z	-.736	-.921	.832	1.665
18	M65	Z	-.921	-.776	1.665	2.497
19	M65	Z	-.776	-.476	2.497	3.329
20	M65	Z	-.476	-.187	3.329	4.162
21	M51B	Z	-.187	-.476	0	.832
22	M51B	Z	-.476	-.776	.832	1.665
23	M51B	Z	-.776	-.921	1.665	2.497
24	M51B	Z	-.921	-.736	2.497	3.329
25	M51B	Z	-.736	-.39	3.329	4.162
26	M52B	Z	-.389	-.739	0	.832
27	M52B	Z	-.739	-.929	.832	1.665
28	M52B	Z	-.929	-.792	1.665	2.497
29	M52B	Z	-.792	-.498	2.497	3.329
30	M52B	Z	-.498	-.212	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M40	X	.187	.476	0	.832
2	M40	X	.476	.776	.832	1.665
3	M40	X	.776	.921	1.665	2.497
4	M40	X	.921	.736	2.497	3.329
5	M40	X	.736	.39	3.329	4.162
6	M41	X	.39	.74	0	.832
7	M41	X	.74	.929	.832	1.665
8	M41	X	.929	.792	1.665	2.497
9	M41	X	.792	.498	2.497	3.329
10	M41	X	.498	.211	3.329	4.162
11	M64	X	.211	.498	0	.832
12	M64	X	.498	.792	.832	1.665
13	M64	X	.792	.929	1.665	2.497
14	M64	X	.929	.74	2.497	3.329
15	M64	X	.74	.39	3.329	4.162
16	M65	X	.39	.736	0	.832
17	M65	X	.736	.921	.832	1.665
18	M65	X	.921	.776	1.665	2.497
19	M65	X	.776	.476	2.497	3.329
20	M65	X	.476	.187	3.329	4.162
21	M51B	X	.187	.476	0	.832
22	M51B	X	.476	.776	.832	1.665
23	M51B	X	.776	.921	1.665	2.497
24	M51B	X	.921	.736	2.497	3.329
25	M51B	X	.736	.39	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
26	M52B	X	.389	.739	0	.832
27	M52B	X	.739	.929	.832	1.665
28	M52B	X	.929	.792	1.665	2.497
29	M52B	X	.792	.498	2.497	3.329
30	M52B	X	.498	.212	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N55	N54	N77	N79	Y	Two Way	-.005
2	N83	N84	N108	N106	Y	Two Way	-.005
3	N6	N7	N87B	N87C	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N55	N54	N77	N79	Y	Two Way	-.01
2	N83	N84	N108	N106	Y	Two Way	-.01
3	N6	N7	N87B	N87C	Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N55	N54	N77	N79	Y	Two Way	-.000234
2	N83	N84	N108	N106	Y	Two Way	-.000234
3	N6	N7	N87B	N87C	Y	Two Way	-.000234

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N55	N54	N77	N79	Z	Two Way	-.000585
2	N83	N84	N108	N106	Z	Two Way	-.000585
3	N6	N7	N87B	N87C	Z	Two Way	-.000585

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N55	N54	N77	N79	X	Two Way	.000585
2	N83	N84	N108	N106	X	Two Way	.000585
3	N6	N7	N87B	N87C	X	Two Way	.000585

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	878.222	10	65.117	7	3481.47	1	.071	7	1.517	4	.128	10
2		min	-882.335	4	-76.746	1	-941.972	7	-.113	1	-1.529	10	-.069	4
3	N52	max	3093.608	9	68.887	3	521.865	2	.132	19	1.588	12	.196	49
4		min	-892.61	3	-88.944	49	-1788.502	8	-.14	25	-1.601	6	-.08	4
5	N81	max	981.032	11	161.06	11	864.787	12	.07	1	1.755	8	.085	4
6		min	-3247.069	5	-115.167	41	-2186.631	7	-.436	31	-1.756	2	-.4	46
7	N204A	max	44.822	10	2287.123	13	-914.823	70	0	75	0	4	0	10
8		min	-44.836	4	685.712	70	-3042.403	13	0	1	0	10	0	4
9	N207	max	-795.91	66	2294.599	21	1526.305	21	0	6	0	12	0	12
10		min	-2643.647	21	688.803	66	459.532	66	0	12	0	6	0	6
11	N210	max	2719.474	17	2358.667	17	1570.043	17	0	8	0	8	0	8
12		min	819.02	74	708.337	74	472.857	74	0	38	0	38	0	38
13	Totals:	max	4390.137	10	6711.846	24	4376.536	1						
14		min	-4390.138	4	2184.389	69	-4376.537	7						

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

	Member	Shape	Code ...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M1	PIPE 3.0	.150	9.245	36	.057	8.203		1	28250.5...	65205	5.749	5.749	1	H1-1b
2	M4	HSS4X4X4	.100	0	4	.054	4.485	y	23	124657....	139518	16.181	16.181	1	H1-1b
3	M10	L2x2x4	.282	2.375	14	.440	.223	z	8	22989.0...	30585.6	.691	1.577	1	H2-1
4	MP3A	PIPE 2.0	.164	3.5	12	.033	3.5		10	20866.7...	32130	1.872	1.872	2	H1-1b
5	MP4A	PIPE 2.0	.215	3.5	22	.052	3.5		1	20866.7...	32130	1.872	1.872	1	H1-1b
6	MP2A	PIPE 2.0	.242	3.833	7	.059	2.417		6	14916.0...	32130	1.872	1.872	3	H1-1b
7	MP1A	PIPE 2.0	.229	3.5	28	.095	3.5		4	20866.7...	32130	1.872	1.872	1	H1-1b
8	M43	L2x2x4	.268	0	24	.395	2.152	z	6	22989.0...	30585.6	.691	1.577	1	H2-1
9	M46	PL1/2x6	.260	.516	12	.160	.516	y	15	66009.2...	97200	1.012	12.15	1	H1-1b
10	M51B	L2x2x2	.333	4.162	2	.020	0	y	20	6739.676	15908.4	.403	.681	1	H2-1
11	M52B	L2x2x2	.306	0	12	.020	4.162	y	18	6739.676	15908.4	.403	.68	1	H2-1
12	M76	PL3/8x6	.140	0	4	.092	0	y	8	70677.9...	72900	.57	9.113	1	H1-1b
13	M77	PL3/8x6	.156	.167	8	.017	0	z	9	71601.7...	72900	.57	9.113	1	H1-1b
14	M80	PL1/2x6	.070	.112	1	.212	0	y	24	96757.5...	97200	1.012	12.15	1	H1-1b
15	M84	PL3/8x6	.100	0	10	.085	0	y	6	70677.9...	72900	.57	9.113	1	H1-1b
16	M85	PL3/8x6	.148	.167	6	.013	0	z	5	71601.7...	72900	.57	9.113	1	H1-1b
17	M91	PL1/2x6	.072	.112	1	.183	0	y	14	96757.5...	97200	1.012	12.15	1	H1-1b
18	M34	HSS4X4X4	.105	0	12	.054	4.485	y	19	124657....	139518	16.181	16.181	1	H1-1b
19	M35	L2x2x4	.284	2.375	22	.454	.223	z	4	22989.0...	30585.6	.691	1.577	1	H2-1
20	M36	L2x2x4	.279	0	20	.406	2.152	z	2	22989.0...	30585.6	.691	1.577	1	H2-1
21	M37	PL1/2x6	.266	.516	8	.163	.516	y	23	66009.2...	97200	1.012	12.15	1	H1-1b
22	M40	L2x2x2	.338	4.162	10	.021	0	y	16	6739.676	15908.4	.403	.681	1	H2-1
23	M41	L2x2x2	.313	0	8	.021	4.162	y	15	6739.676	15908.4	.403	.68	1	H2-1
24	M45	PL3/8x6	.145	0	12	.096	0	y	4	70677.9...	72900	.57	9.113	1	H1-1b
25	M46A	PL3/8x6	.159	.167	4	.017	0	z	5	71601.7...	72900	.57	9.113	1	H1-1b
26	M48	PL1/2x6	.070	.112	9	.211	0	y	20	96757.5...	97200	1.012	12.15	1	H1-1b
27	M50A	PL3/8x6	.109	0	6	.088	0	y	2	70677.9...	72900	.57	9.113	1	H1-1b
28	M51C	PL3/8x6	.152	.167	2	.021	0	y	28	71601.7...	72900	.57	9.113	1	H1-1b
29	M53	PL1/2x6	.075	.112	9	.185	0	y	22	96757.5...	97200	1.012	12.15	1	H1-1b
30	M58A	HSS4X4X4	.114	0	2	.078	4.485	y	39	124657....	139518	16.181	16.181	2	H1-1b
31	M59A	L2x2x4	.295	2.375	17	.470	.223	z	12	22989.0...	30585.6	.691	1.577	1	H2-1
32	M60	L2x2x4	.270	2.152	10	.406	2.152	z	10	22989.0...	30585.6	.691	1.577	2	H2-1
33	M61	PL1/2x6	.260	.516	4	.187	.516	y	38	66009.2...	97200	1.012	12.15	1	H1-1b
34	M64	L2x2x2	.356	4.162	6	.021	0	y	24	6739.676	15908.4	.403	.68	1	H2-1
35	M65	L2x2x2	.309	0	4	.021	4.162	y	22	6739.676	15908.4	.403	.681	1	H2-1
36	M69	PL3/8x6	.169	0	8	.101	0	y	1	70677.9...	72900	.57	9.113	1	H1-1b
37	M70	PL3/8x6	.165	.167	12	.025	0	y	26	71601.7...	72900	.57	9.113	1	H1-1b
38	M72	PL1/2x6	.071	0	6	.284	0	y	40	96757.5...	97200	1.012	12.15	1	H1-1b
39	M74	PL3/8x6	.108	0	2	.090	0	y	10	70677.9...	72900	.57	9.113	1	H1-1b
40	M75	PL3/8x6	.151	.167	10	.014	0	z	9	71601.7...	72900	.57	9.113	1	H1-1b
41	M77A	PL1/2x6	.072	.112	5	.181	0	y	18	96757.5...	97200	1.012	12.15	1	H1-1b
42	M82	PIPE 3.0	.103	3.255	20	.051	4.297		9	28250.5...	65205	5.749	5.749	1	H1-1b
43	M83A	PIPE 3.0	.102	3.255	16	.051	4.297		5	28250.5...	65205	5.749	5.749	1	H1-1b
44	MP5A	PIPE 2.0	.155	3.5	10	.089	3.5		10	20866.7...	32130	1.872	1.872	1	H1-1b
45	MP3C	PIPE 2.0	.156	3.5	8	.034	3.5		6	20866.7...	32130	1.872	1.872	2	H1-1b
46	MP4C	PIPE 2.0	.205	3.5	18	.054	3.5		4	20866.7...	32130	1.872	1.872	2	H1-1b
47	MP2C	PIPE 2.0	.223	3.75	11	.059	3.833		5	14916.0...	32130	1.872	1.872	2	H1-1b
48	MP1C	PIPE 2.0	.209	3.5	24	.094	3.5		12	20866.7...	32130	1.872	1.872	2	H1-1b
49	MP5C	PIPE 2.0	.151	3.5	6	.089	3.5		6	20866.7...	32130	1.872	1.872	1	H1-1b
50	MP3B	PIPE 2.0	.161	3.5	4	.034	3.5		2	20866.7...	32130	1.872	1.872	2	H1-1b
51	MP4B	PIPE 2.0	.210	3.5	14	.053	3.5		12	20866.7...	32130	1.872	1.872	2	H1-1b
52	MP2B	PIPE 2.0	.220	3.75	7	.059	3.833		1	14916.0...	32130	1.872	1.872	2	H1-1b
53	MP1B	PIPE 2.0	.206	3.5	20	.094	3.5		8	20866.7...	32130	1.872	1.872	2	H1-1b
54	MP5B	PIPE 2.0	.154	3.5	2	.089	3.5		2	20866.7...	32130	1.872	1.872	2	H1-1b
55	OVP	PIPE 2.0	.194	3.5	11	.015	3.5		11	20866.7...	32130	1.872	1.872	1	H1-1b
56	M108	PIPE 2.5	.100	.26	20	.046	.26		10	14558.7...	50715	3.596	3.596	1	H1-1b
57	M114	PIPE 2.5	.141	3.255	28	.045	.26		6	14558.7...	50715	3.596	3.596	1	H1-1b
58	M120	PIPE 2.5	.101	.26	24	.046	.26		2	14558.7...	50715	3.596	3.596	1	H1-1b

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

	Member	Shape	Code ...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y...	phi*Mn z...	Cb	Eqn
59	M132	L3X3X4	.143	0	5	.017	.072	y	12	43677.2...	46656	1.688	3.756	2....	H2-1
60	M133	L3X3X4	.142	0	1	.016	0	y	7	43677.2...	46656	1.688	3.756	2....	H2-1
61	M134	L3X3X4	.145	0	9	.018	0	y	4	43677.2...	46656	1.688	3.756	2....	H2-1
62	M135	LL3x3x3x6	.082	5.5	13	.004	0	z	10	46264.4...	70632	6.362	3.751	1	H1-1b*
63	M136	LL3x3x3x6	.083	5.5	21	.004	0	z	6	46264.4...	70632	6.362	3.751	1	H1-1b*
64	M137	LL3x3x3x6	.085	5.5	17	.004	0	z	2	46264.4...	70632	6.362	3.751	1	H1-1b*

VzW SMART Tool© Vendor

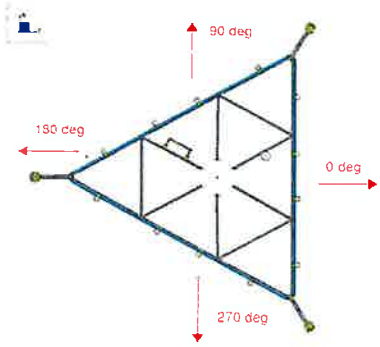
Client:	Verizon Wireless	Date:	8/18/2023
Site Name:	Bogus Hill CT		
MDG #:	5000386456		
Fuze ID #:	17123969	Page:	1

Version 1.01

I. Mount-to-Tower Connection Check

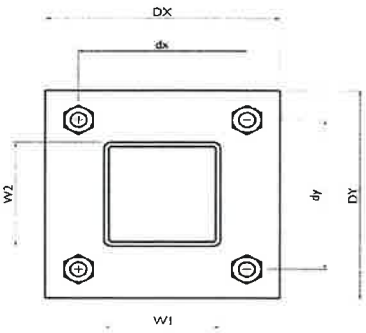
Custom Orientation Required	Yes

Nodes (labeled per Risa)	Orientation (per graphic of typical platform)



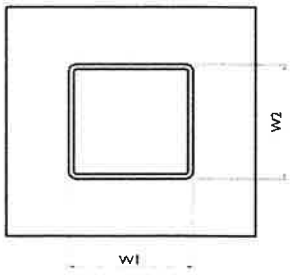
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel

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):	2.1
Required Shear Strength / bolt (kips):	0.4
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	10.2%



Tower Connection Baseplate Checks	Yes

Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	10
Plate Height, D_y (in):	10
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.25
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.5
Length of Yield Line, L_y (in):	6.34
Bolt Eccentricity, e (in):	1.65
M_u (kip-in):	3.48
Phi*M_n (kip-in):	12.83
Plate Bending Utilization:	27.1%

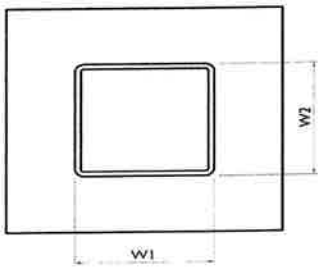


VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	8/18/2023
Site Name:	Bogus Hill CT		
PSLC #:	5000386456		
Fuze ID #:	17123969	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):	3
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	16.00
Z_x (in^3/in):	21.33
Z_y (in^3/in):	21.33
J_p (in^4/in):	85.33
c_x (in)	2.25
c_y (in)	2.25
Required combined strength (kip/in):	0.75
Weld Capacity (kip/in):	4.18
Weld Utilization:	**17.8%**



ATTACHMENT 4


Summary
29 BOGUS HILL RD
BOGUS RANGER LLC
Parcel ID: 71800 View Details
FLAK LN
HIGH TR
SHAD BLOW RD
CANDLE HILL RD
FLY RD
INGLENOOK RD
INGLENOOK DR
BOGUS HILL RD
SUNSET DR
OLD BOGUS RD
PENNY LN
HARLEQUIN DR

29 BOGUS HILL RD

Location	29 BOGUS HILL RD	**Mblu**	6/ 4/ 84/ /
Acct#	00071800	**Owner**	BOGUS RANGER LLC
Assessment	$1,080,200	**Appraisal**	$1,616,400
PID	722	**Building Count**	5

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$775,000	$841,400	$1,616,400
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$542,700	$537,500	$1,080,200

Owner of Record

Owner	BOGUS RANGER LLC
Co-Owner	
Address	7 MASONS ISLAND RD MYSTIC, CT 06355

Sale Price	$9,000,000
Certificate	
Book & Page	562/39
Sale Date	09/08/2021
Instrument	00

Ownership History

Ownership History					
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Instrument**	**Sale Date**
BOGUS RANGER LLC	$9,000,000		562/39	00	09/08/2021
GIRL SCOUTS OF CONNECTICUT INC	$0		0444/0653	06	04/11/2008
SOUTHWESTERN CONN GIRL SCOUT COUNCIL	$0		0053/0587		01/01/1900

Building Information

Building 1 : Section 1

Year Built:	1988
Living Area:	1,388
Replacement Cost:	$169,483
Building Percent Good:	72

ATTACHMENT 5

Verizon/Bogus Hill

UNITED STATES POSTAL SERVICE®

Certificate of Mailing — Firm

Name and Adcress of Sender	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here *Postmark with Date of Receipt.*
Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103	3	3	neopost 09/18/2023 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.	Patricia Del Monaco, First Selectman Town of New Fairfield 4 Brush Hill Road New Fairfield, CT 06812				
2.	Evan White, Zoning Enforcement Officer Town of New Fairfield 4 Brush Hill Road New Fairfield, CT 06812				
3.	Bogus Ranger LLC c/o The PCW Management Center, LLC 7 Mason Island Road, Suite 1 Mystic, CT 06355				
4.					
5.					
6.					

OLD STATE HOUSE STATION BOX 3
SEP 18 2023