Robinson+Cole

KENNETH C. BALDWIN

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Also admitted in Massachusetts and New York

August 3, 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**
295 (a.k.a. 297) North Street, Plymouth, Connecticut

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") currently maintains a wireless telecommunications facility at the above-referenced address (the "Property"). Cellco's facility consists of antennas and remote radio heads attached to a tower. Equipment associated with the facility is located on the ground adjacent to the tower. Cellco's facility was approved by the Siting Council ("Council") in October of 2003 (EM-VER-011-031001). A copy of the Council's exempt modification approval is included in Attachment 1.

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

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Plymouth'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 mounting assembly.

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

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

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

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

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

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

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

Sincerely,

Kenneth C. Baldwin

Enclosures
Copy to:
Joseph T. Kildieff, Mayor
Margus Laan, Director of Planning and Economic Development
Raymond and Brenda Lagosz, Property Owners
Kamoya Bautista, Verizon Wireless

ATTACHMENT 1

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@po.state.ct.us
Web Site: www.state.ct.us/csc/index.htm

October 15, 2003

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

RE: **EM-VER-111-031001** - Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 297 North Street, Plymouth, Connecticut.

Dear Attorney Baldwin:

At a public meeting held on October 14, 2003, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the condition that the modifications recommended in the Structural Analysis Report prepared by Daniel Blakeman (dated September 9, 2003) be implemented as part of the antenna installation.

The proposed modifications are to be implemented as specified here and in your notice dated October 1, 2003. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

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

Thank you for your attention and cooperation.

Very truly yours,

Pamela B. Katz, P.E.
Chairman

PBK/laf

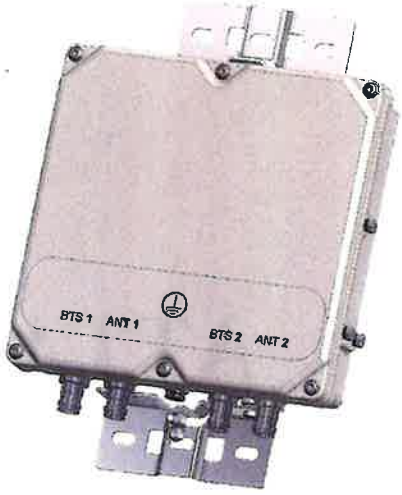
c: Honorable David C. Mischke, Mayor, Town of Plymouth
William Kuehn, Town Planner, Town of Plymouth
Sheila R. Becker, Regional Director of Compliance, SBA, Inc.
Thomas J. Regan, Esq., Brown Rudnick Berlack Israels
Thomas F. Flynn III, Nextel Communications
Stephen J. Humes, Esq., LeBoeuf, Lamb, Greene & MacRae

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

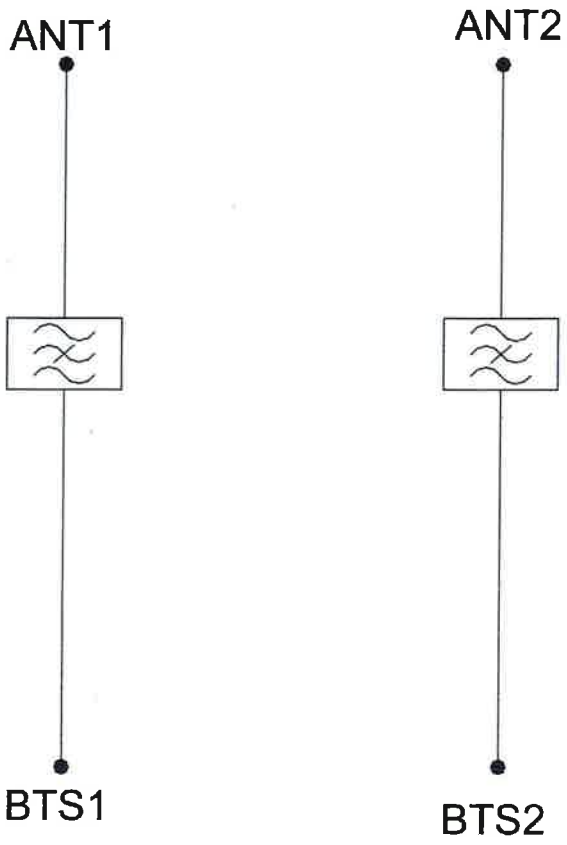
MECHANICAL	
Dimensions H x D x W	269 x 277 x 80mm | 10.60 x 10.90 x 3.15in (Excluding brackets and connectors)
Weight	8.0 kg | 17.6 lbs (no bracket)
Finish	Powder coated, light grey (RAL7035)
Connectors	RF: 4.3-10 (F) x 4
Mounting	Optional pole/wall bracket supplied with two metal clamps 45-178mm diameter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

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

ORDERING INFORMATION

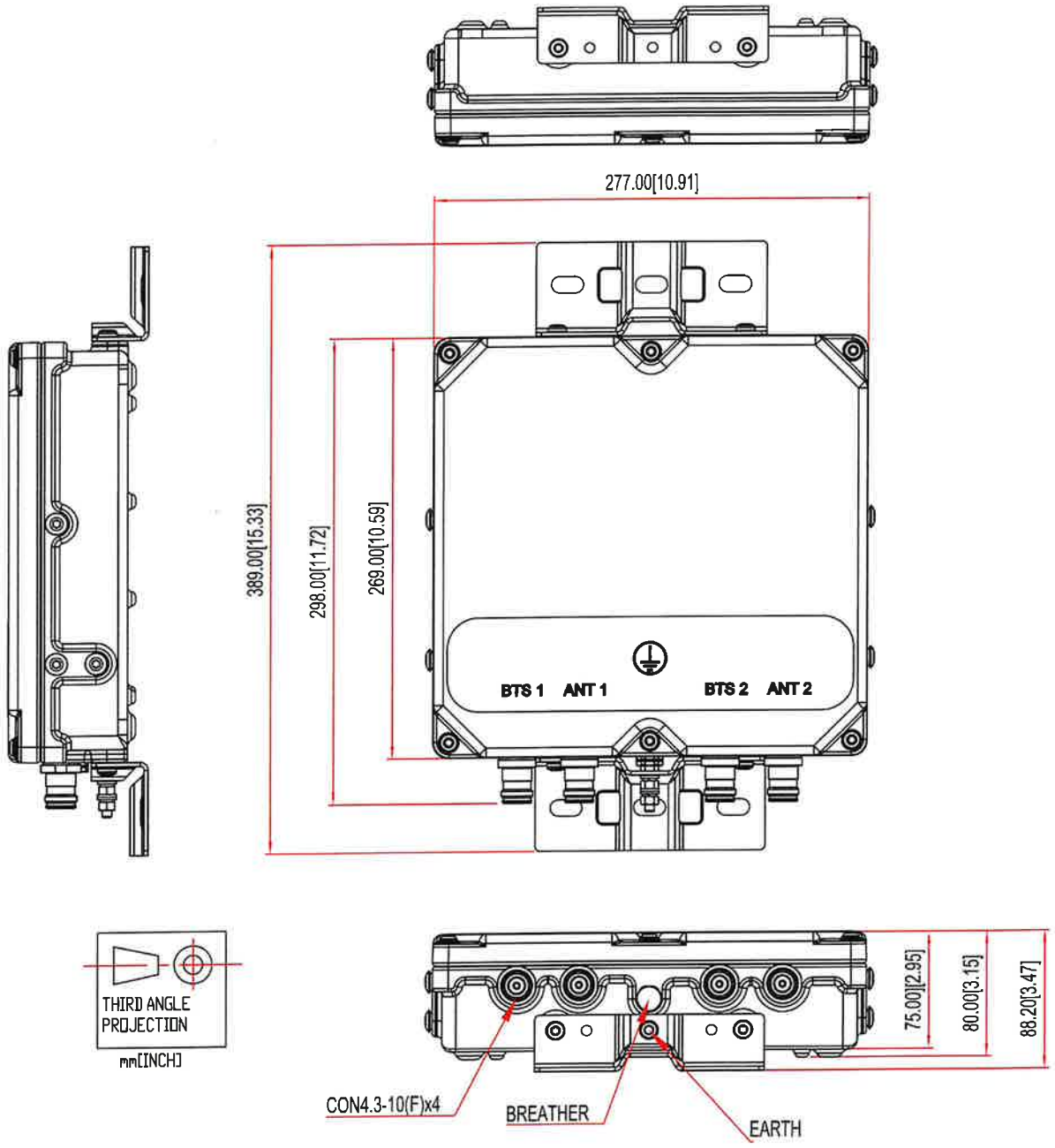
PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	CONNECTORS
BSF0020F3V1	TWIN, 2 in / 2 out	DC/AISG PASS NO BRACKET	4.3-10 (F)
BSF0020F3V1-1	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)
BSF0020F3V1-2	QUAD, 4 in / 4 out	DC/AISG PASS	4.3-10 (F)

ELECTRICAL BLOCK DIAGRAM



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

MECHANICAL BLOCK DIAGRAM



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

ATTACHMENT 3

Tower Engineering Solutions
Phone (972) 483-0607, Fax (972) 975-9615
1320 Greenway Drive, Suite 600, Irving, Texas 75038

Structural Analysis Report

Existing 195 ft Monopole

Customer Name: SBA Communications Corp

Customer Site Number: CT01497-S

Customer Site Name: Plymouth 2 CT

Carrier Name: Verizon (App#: 232402, V#2)

Carrier Site ID / Name: 5000245391 / Plymouth NW CT

Site Location: 295 North Street

Plymouth, Connecticut

Litchfield County

Latitude: 41.693319

Longitude: -73.053711

Analysis Result:

Max Structural Usage: 95.3% [Pass]

Max Foundation Usage: 30.0% [Pass]

Additional Usage Caused by New Mount/Mount Modification: N/A

Report Prepared By: Wei-Hsiang Chen

Tower Engineering Solutions
Phone (972) 483-0607, Fax (972) 975-9615
1320 Greenway Drive, Suite 600, Irving, Texas 75038

Structural Analysis Report

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Customer Site Number: CT01497-S

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Additional Usage Caused by New Mount/Mount Modification: N/A

Report Prepared By: Wei-Hsiang Chen

Introduction

The purpose of this report is to summarize the analysis results on the 195 ft Monopole to support the proposed antennas and transmission lines in addition to those currently installed. Any modification listed under Sources of Information was assumed completed and was included in this analysis.

Sources of Information

Tower Drawings	Fred A. Nudd Corporation, Project #7109, on November, 1999.
Foundation Drawing	Fred A. Nudd Corporation, Project #7109, on November 10, 1999.
Geotechnical Report	Jaworski Geotech, INC., Project #99338G, on November 8, 1999.
Modification Drawings	N/A
Mount Analysis	N/A

Analysis Criteria

The comprehensive analysis was performed in accordance with the requirements and stipulations of the TIA-222-H. In accordance with this standard, the structure was analyzed using **TESPoles,** a proprietary analysis software. The program considers the structure as an elastic 3-D model with second-order effects and temperature effects incorporated in the analysis. The analysis was performed using multiple wind directions.

Wind Speed Used in the Analysis:	116.0 mph (3-Sec. Gust) (Ultimate wind speed)
Wind Speed with Ice:	50 mph (3-Sec. Gust) with 1" radial ice concurrent
Service Load Wind Speed:	60 mph + 0" Radial ice
Standard/Codes:	TIA-222-H / 2021 IBC / 2022 Connecticut State Building Code
Exposure Category:	C
Risk Category:	II
Topographic Category:	1
Crest Height:	0 ft
Seismic Parameters:	S_S = 0.183, S_1 = 0.054

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

Existing Antennas, Mounts and Transmission Lines

The table below summarizes the antennas, mounts and transmission lines that were considered in the analysis as existing on the tower.

Items	Elevation (ft)	Qty.	Antenna Descriptions	Mount Type & Qty.	Transmission Lines	Owner
1	196.0	3	RFS APXVSPP18-C-A20 - Panel	T-arm w/ working platform	(4) 1 1/4"	Sprint
2		3	RFS APXVTM14-C-I20 - Panel			
3		3	ALU 1900MHz RRH			
4		3	ALU 800 MHz RRH			
5		3	ALU TD-RRH8x20-25			
6		3	ALU 800MHz Filter			
7		4	RFS ACU-A20-N			
8	175.0	3	Ericsson AIR6419 B41 - Panel	(3) T-Arms w/ Working Platforms + Support Rail Kit (MS-HR35-18) +T-Arm Kit (MS-TAW-350RO)	(9) 1 5/8" Coax (1) 1 5/8" Fiber (2) 1.9" Fiber	T-Mobile
9		3	RFS APXVAALL24_43-U-NA20 Panel			
10		3	Ericsson KRY 112 144/1 TMA			
11		3	Ericsson KRY 112 489/2 TMA			
12		6	Allen Telecom FE15501P77/75 TMA			
13		3	Ericsson 4449 B71 + B85 RRH			
14		3	Ericsson 4460 B25 + B66 RRH			
-	165.0	6	JMA Wireless - MX06FRO660-03 - Panel	Modified Low Profile Platform with (6) JMA 91900314, (3) SP219-96H and (1) BBPM-K1	(6) 1 5/8" (1) 1 5/8" Hybrid	Verizon
-		3	Samsung - MT6407-77A - Panel			
-		3	Samsung B5/B13 RRHBR04C RRU			
-		3	Samsung B2/B66A RRHBR049 RRU			
-		1	Raycap RVZDC-6627-PF-48 - OVP			
21	70.0	1	Lucent 407577689 GPS	Stand Off	(1) 1/2" Coax	Sprint

Proposed Carrier's Final Configuration of Antennas, Mounts and Transmission Lines

Information pertaining to the proposed carrier's final configuration of antennas and transmission lines was provided by SBA Communications Corp. The proposed antennas and lines are listed below.

Items	Elevation (ft)	Qty.	Antenna Descriptions	Mount Type & Qty.	Transmission Lines	Owner
15	165.0	6	JMA Wireless MX06FRO660-03 - Panel	Modified Low Profile Platform with (6) JMA 91900314, (3) SP219-96H and (1) BBPM-K1	(6) 1 5/8" (1) 1 5/8" Hybrid	Verizon
16		3	Samsung MT6407-77A - Panel			
17		3	Samsung B5/B13 RRHBR04C RRU			
18		3	Samsung B2/B66A RRHBR049 RRU			
19		1	Raycap RVZDC-6627-PF-48 - OVP			
20		2	Kaelus BSF0020F3V1-1 - Filter			

All transmission lines are considered running inside of the pole shafts.

Analysis Results

The results of the structural analysis, performed for the wind and ice loading and antenna equipment as defined above, are summarized as the following:

	Pole shafts	Anchor Bolts	Base Plate
Max. Usage:	**66.6%**	**57.9%**	**95.3%**
Pass/Fail	**Pass**	**Pass**	**Pass**

Foundations

	Moment (Kip-Ft)	Shear (Kips)	Axial (Kips)
Analysis Reactions	3998.9	30.4	53.8

The foundation has been investigated using the supplied documents and soils report and was found adequate. Therefore, no modification to the foundation will be required.

Service Load Condition (Rigidity):

Operational characteristics of the tower are found to be within the limits prescribed by TIA-222 for the installed antennas. The maximum twist/sway at the elevation of the proposed equipment is 1.4631 degrees under the operational wind speed as specified in the Analysis Criteria.

Conclusions

Based on the analysis results, the existing structure and its foundation were found to be adequate to safely support the existing and proposed equipment and meet the minimum requirements per the TIA-222 Standard under the design basic wind speed as specified in the Analysis Criteria.

Standard Conditions

1. This analysis was performed based on the information supplied to **(TES) Tower Engineering Solutions, LLC.** Verification of the information provided was not included in the Scope of Work for **TES**. The accuracy of the analysis is dependent on the accuracy of the information provided.

2. The structural analysis was performance based upon the evidence available at the time of this report. All information provided by the client is considered to be accurate.

3. The analyses will be performed based on the codes as specified by the client or based on the best knowledge of the engineering staff of **TES**. In the absence of information to the contrary, all work will be performed in accordance with the latest relevant revision of ANSI/TIA-222. If wind speed and/or ice loads are different from the minimum values recommended by the ANSI/TIA-222 standard or other codes, **TES** should be notified in writing and the applicable minimum values provided by the client.

4. The configuration of the existing mounts, antennas, coax and other appurtenances were supplied by the customer for the current structural analysis. **TES** has not visited the tower site to verify the adequacy of the information provided. If there is any discrepancy found in the report regarding the existing conditions, **TES** should be notified immediately to evaluate the effect of the discrepancy on the analysis results.

5. The client will assume responsibility for rework associated with the differences in initially provided information, including tower and foundation information, existing and/or proposed equipment and transmission lines.

6. If a feasibility analysis was performed, final acceptance of changed conditions shall be based upon a rigorous structural analysis.

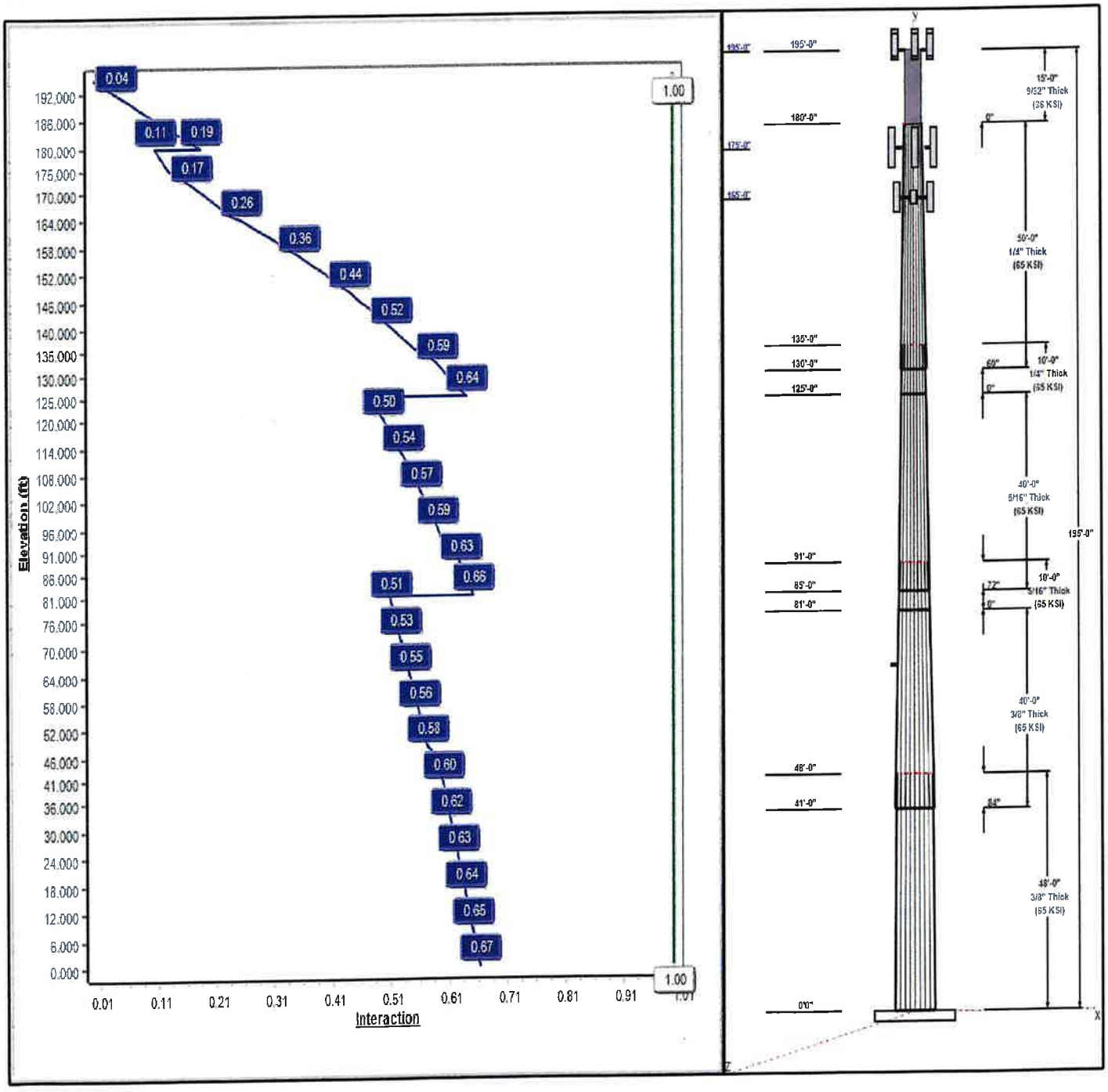
Usage Diagram - Max Ratio 66.56% at 0.0ft

Structure:	CT01497-S-SBA	**Code:**	EIA/TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Gh:**	1.1	Page: 1	
Base Elev:	0.000 (ft)				

Tower Engineering Solutions

Dead Load Factor:	1.20	**Iterations:**	31
Wind Load Factor:	1.00		

Load Case : 1.2D + 1.0W 116 mph Wind



Structure: CT01497-S-SBA

Type: Custom
Site Name: Plymouth 2 CT
Height: 195.00 (ft)
Base Elev: 0.00 (ft)

Base Shape: 18 Sided
Taper: 0.23542

7/13/2023

Tower Engineering Solutions

Shaft Properties

Seq	Length (ft)	Top (in)	Bottom (in)	Thick (in)	Joint Type	Taper	Grade (ksi)
1	48.00	53.20	64.50	0.375		0.23542	65
2	40.00	46.18	55.60	0.375	Slip	0.23542	65
3	10.00	43.83	46.18	0.313	Butt	0.23542	65
4	40.00	36.45	45.86	0.313	Slip	0.23542	65
5	10.00	34.09	36.45	0.250	Butt	0.23542	65
6	50.00	24.00	35.77	0.250	Slip	0.23542	65
7	15.00	24.00	24.00	0.281	Butt	0.00000	36

Discrete Appurtenances

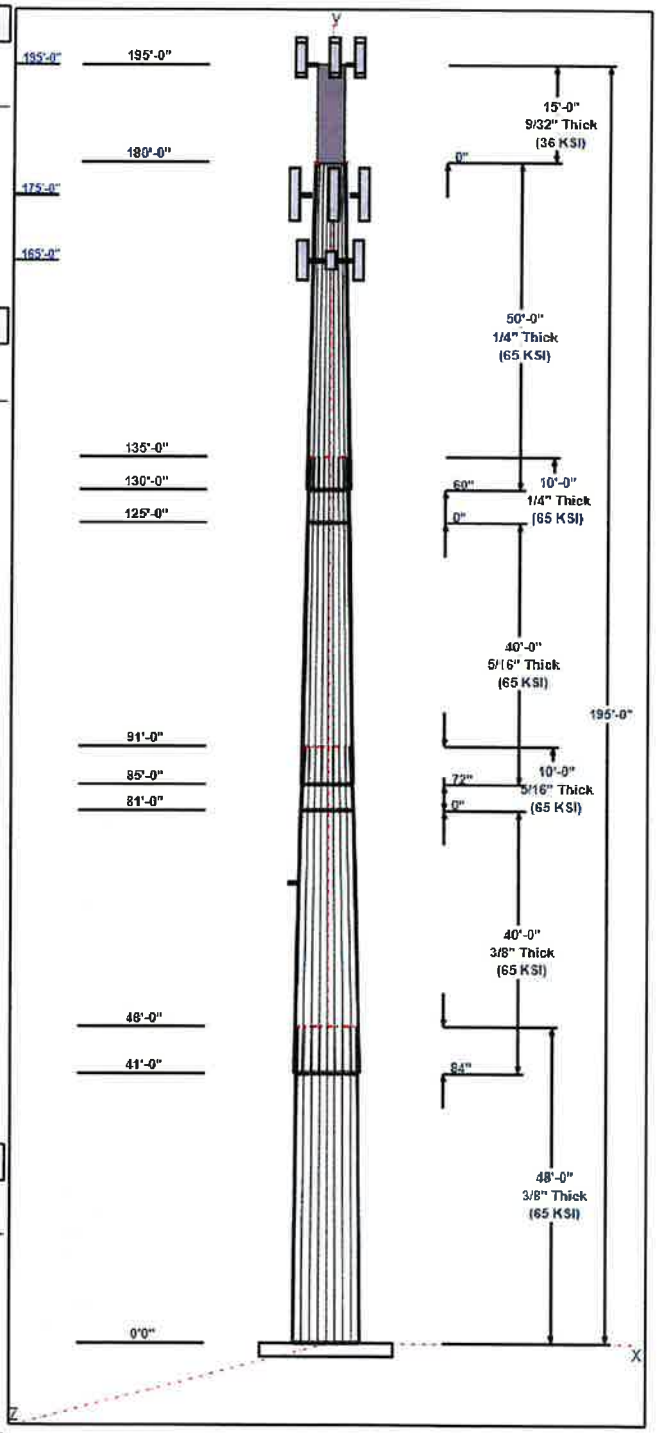
Attach Elev (ft)	Force Elev (ft)	Qty	Description	Carrier
195.00	196.00	3	APXVSPP18-C-A20	Sprint
195.00	196.00	3	APXVTM14-C-I20	Sprint
195.00	196.00	3	1900MHz RRH (65MHz)	Sprint
195.00	196.00	3	800 MHz RRH	Sprint
195.00	196.00	3	TD-RRH8x20-25	Sprint
195.00	196.00	3	ALU 800MHz External	Sprint
195.00	196.00	4	ACU-A20-N	Sprint
195.00	195.00	3	T-Arms w/ Working	Sprint
175.00	175.00	3	T-Arms w/ Working	T-Mobile
175.00	175.00	3	APXVAALL24_43-U-NA20	T-Mobile
175.00	175.00	3	KRY 112 144/1	T-Mobile
175.00	175.00	3	KRY 112 489/2	T-Mobile
175.00	175.00	3	4449 B71 + B85	T-Mobile
175.00	175.00	6	FE15501P77/75	T-Mobile
175.00	175.00	1	(3) T-Arm Kit	T-Mobile
175.00	175.00	3	AIR6419 B41	T-Mobile
175.00	175.00	3	4460 B25 + B66	T-Mobile
165.00	165.00	2	BSF0020F3V1-1	Verizon
165.00	165.00	1	Low Profile Platform	Verizon
165.00	165.00	6	MX06FRO660-03	Verizon
165.00	165.00	3	MT6407-77A	Verizon
165.00	165.00	3	Samsung B5/B13	Verizon
165.00	165.00	3	Samsung B2/B66A	Verizon
165.00	165.00	1	Raycap	Verizon
165.00	165.00	1	91900314	Verizon
70.00	70.00	1	Side Arm (L. Heavy)	Sprint
70.00	70.00	1	407577689 Gps	Sprint

Linear Appurtenances

Elev From (ft)	Elev To (ft)	Placement	Description	Carrier
0.00	195.00	Inside	1 1/4" Coax	Sprint
0.00	175.00	Inside	1 5/8" Coax	T-Mobile
0.00	175.00	Inside	1 5/8" Fiber	T-Mobile
0.00	175.00	Inside	1.9" Fiber	T-Mobile
0.00	165.00	Inside	1 5/8" Coax	Verizon
0.00	165.00	Inside	1 5/8" Hybrid	Verizon
0.00	70.00	Inside	1/2" Coax	Sprint

Anchor Bolts

Qty	Specifications	Grade (ksi)	Arrangement
24	2.00" A687	90.0	Radial



Base Plate

Thickness (in)	Specifications (in)	Grade (ksi)	Geometry
1.5000	54.5	60.0	Round

Reactions

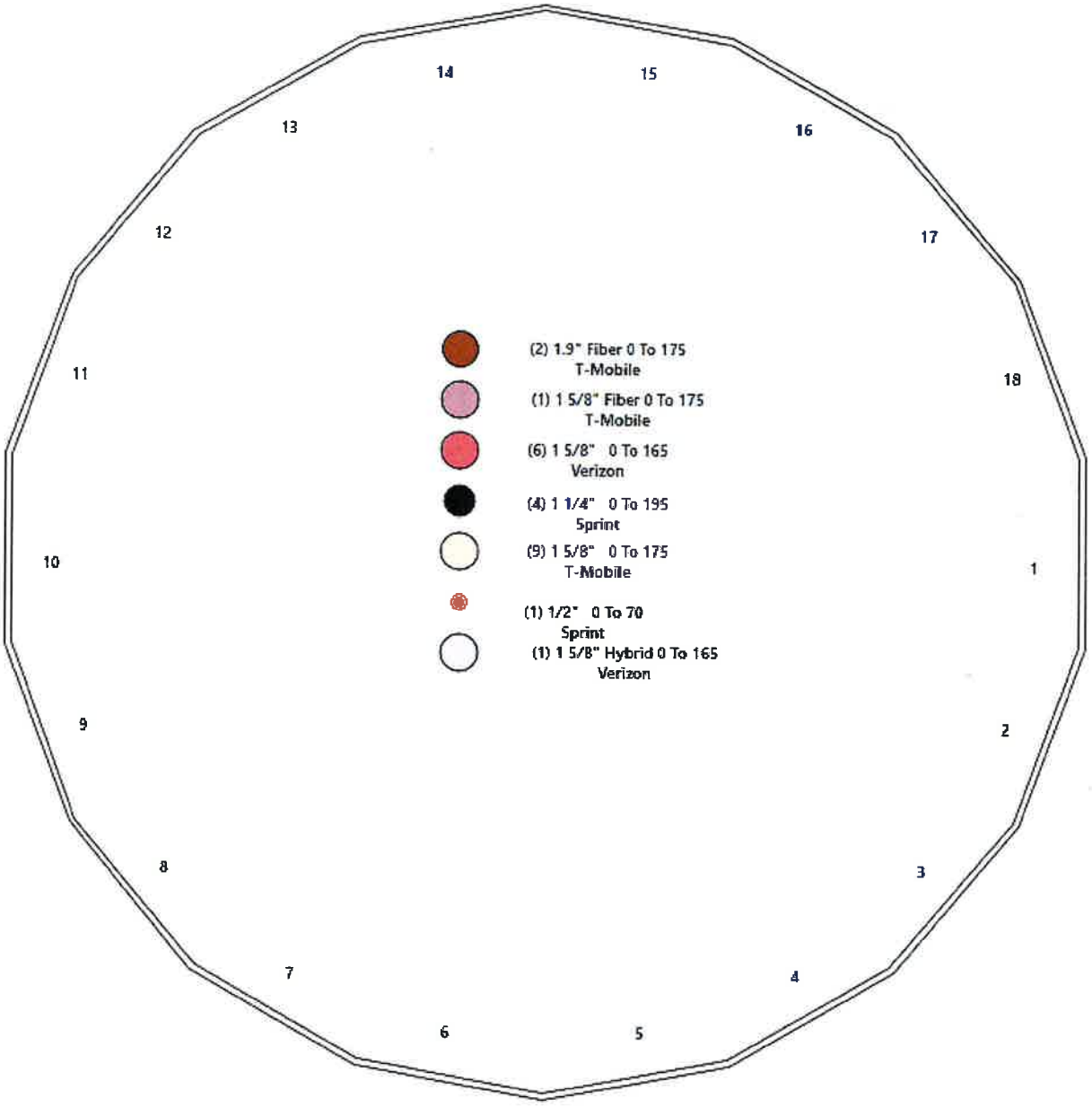
Load Case	Moment (FT-Kips)	Shear (Kips)	Axial (Kips)
1.2D + 1.0W 116 mph Wind	3998.9	30.4	53.8
0.9D + 1.0W 116 mph Wind	3946.0	30.4	40.4
1.2D + 1.0Di + 1.0Wi 50 mph Wind	1260.2	9.9	71.1
1.2D + 1.0Ev + 1.0Eh	125.4	0.7	55.6
0.9D + 1.0Ev + 1.0Eh	123.8	0.7	42.1
1.0D + 1.0W 60 mph Wind	949.8	7.3	44.9

Structure: CT01497-S-SBA - Coax Line Placement

Type: Monopole
Site Name: Plymouth 2 CT
Height: 195.00 (ft)

7/13/2023

Tower Engineering Solutions



Shaft Properties

Structure:	CT01497-S-SBA		**Code:**	TIA-222-H	7/13/2023
Site Name:	Plymouth 2 CT		**Exposure:**	C	
Height:	195.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 5

Tower Engineering Solutions

Sec. No.	Shape	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Overlap (in)	Weight (lb)
1	18	48.000	0.3750	65		0.00	11,368
2	18	40.000	0.3750	65	Slip	84.00	8,183
3	18	10.000	0.3125	65	Flange	0.00	1,508
4	18	40.000	0.3125	65	Slip	72.00	5,514
5	18	10.000	0.2500	65	Flange	0.00	946
6	18	50.000	0.2500	65	Slip	60.00	4,001
7	R	15.000	0.2810	36	Flange	0.00	1,069
					Total Shaft Weight:		**32,588**

	Bottom						Top						
Sec. No.	Dia (in)	Elev (ft)	Area (sqin)	Ix (in^4)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (sqin)	Ix (in^4)	W/t Ratio	D/t Ratio	Taper
1	64.50	0.00	76.32	39651.33	28.92	172.00	53.20	48.00	62.87	22166.3	23.60	141.8	0.235417
2	55.60	41.00	65.73	25324.08	24.73	148.26	46.18	81.00	54.52	14452.7	20.30	123.1	0.235417
3	46.18	81.00	45.49	12093.31	24.65	147.78	43.83	91.00	43.16	10325.2	23.32	140.2	0.235417
4	45.86	85.00	45.18	11844.57	24.47	146.77	36.45	125.00	35.84	5912.81	19.15	116.6	0.235417
5	36.45	125.0	28.72	4754.83	24.30	145.79	34.09	135.00	26.85	3886.15	22.64	136.3	0.235417
6	35.77	130.0	28.18	4492.97	23.82	143.08	24.00	180.00	18.84	1343.00	15.52	96.00	0.235417
7	24.00	180.0	20.94	1473.63	0.00	85.41	24.00	195.00	20.94	1473.63	0.00	85.41	0.000000

Structure:	CT01497-S-SBA		**Code:**	TIA-222-H	7/13/2023
Site Name:	Plymouth 2 CT		**Exposure:**	C	
Height:	195.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 6

Tower Engineering Solutions

Discrete Appurtenances

No.	Elev (ft)	Description	Qty	No Ice Weight (lb)	No Ice CaAa (sf)	No Ice CaAa Factor	Ice Weight (lb)	Ice CaAa (sf)	Ice CaAa Factor	Hor. Ecc. (ft)	Vert Ecc (ft)
1	195.00	APXVSPP18-C-A20	3	57.00	8.02	0.83	175.30	9.932	0.85	0.00	1.00
2	195.00	APXVTM14-C-I20	3	56.20	6.34	0.77	159.07	7.086	0.79	0.00	1.00
3	195.00	1900MHz RRH (65MHz)	3	60.00	2.77	0.67	117.10	3.638	0.67	0.00	1.00
4	195.00	800 MHz RRH	3	53.00	2.49	0.67	103.62	3.273	0.67	0.00	1.00
5	195.00	TD-RRH8x20-25	3	70.00	4.05	0.67	140.71	4.592	0.67	0.00	1.00
6	195.00	ALU 800MHz External Notch Filt	3	8.80	0.78	0.67	20.87	1.223	0.71	0.00	1.00
7	195.00	ACU-A20-N	4	1.00	0.14	0.67	3.94	0.343	0.50	0.00	1.00
8	195.00	T-Arms w/ Working Platforms	3	500.00	16.00	0.75	977.76	27.466	0.75	0.00	0.00
9	175.00	T-Arms w/ Working Platforms	3	500.00	16.00	0.75	972.62	27.343	0.75	0.00	0.00
10	175.00	APXVAALL24_43-U-NA20	3	122.80	20.24	0.70	394.22	21.511	0.70	0.00	0.00
11	175.00	KRY 112 144/1	3	11.00	0.41	0.67	18.30	0.732	0.67	0.00	0.00
12	175.00	KRY 112 489/2	3	15.40	0.65	0.67	27.33	1.064	0.67	0.00	0.00
13	175.00	4449 B71 + B85	3	75.00	1.97	0.67	115.05	2.356	0.67	0.00	0.00
14	175.00	FE15501P77/75	6	17.50	0.71	0.67	32.06	1.165	0.67	0.00	0.00
15	175.00	(3) T-Arm Kit	1	500.00	16.00	0.75	901.73	26.587	0.75	0.00	0.00
16	175.00	AIR6419 B41	3	83.30	3.80	0.76	165.38	4.339	0.76	0.00	0.00
17	175.00	4460 B25 + B66	3	104.00	2.85	0.67	150.45	3.307	0.67	0.00	0.00
18	165.00	BSF0020F3V1-1	2	17.60	1.19	0.80	61.10	1.720	0.80	0.00	0.00
19	165.00	Low Profile Platform	1	1500.00	22.00	1.00	2380.96	33.887	1.00	0.00	0.00
20	165.00	MX06FRO660-03	6	60.00	9.87	0.88	232.06	10.779	0.88	0.00	0.00
21	165.00	MT6407-77A	3	79.40	4.69	0.70	154.42	5.321	0.70	0.00	0.00
22	165.00	Samsung B5/B13 RRHBR04C	3	70.30	1.88	0.67	103.03	2.251	0.67	0.00	0.00
23	165.00	Samsung B2/B66A RRHBR049	3	84.40	1.88	0.67	118.90	2.251	0.67	0.00	0.00
24	165.00	Raycap RVZDC-6627-PF-48	1	32.00	3.79	1.00	111.76	4.317	1.00	0.00	0.00
25	165.00	91900314	1	25.35	0.00	1.00	37.26	0.000	1.00	0.00	0.00
26	70.00	Side Arm (L. Heavy)	1	120.00	3.50	1.00	184.69	6.021	1.00	0.00	0.00
27	70.00	407577689 Gps	1	4.00	0.91	0.50	19.58	1.531	0.50	0.00	0.00
		Totals:	**75**	**8,537.35**			**17,101.12**				

Linear Appurtenances

Bottom Elev. (ft)	Top Elev. (ft)	Description	Exposed Width	Exposed
0.00	195.00	(4) 1 1/4" Coax	0.00	Inside
0.00	175.00	(9) 1 5/8" Coax	0.00	Inside
0.00	175.00	(1) 1 5/8" Fiber	0.00	Inside
0.00	175.00	(2) 1.9" Fiber	0.00	Inside
0.00	165.00	(6) 1 5/8" Coax	0.00	Inside
0.00	165.00	(1) 1 5/8" Hybrid	0.00	Inside
0.00	70.00	(1) 1/2" Coax	0.00	Inside

Shaft Section Properties

Structure: CT01497-S-SBA
Site Name: Plymouth 2 CT
Height: 195.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 7/13/2023
Exposure: C
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

Tower Engineering Solutions

Increment Length: 2 (ft)

Elev (ft)	Description	Thick (in)	Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fpy (ksi)	S (in^3)	Weight (lb)
0.00		0.3750	64.500	76.322	39651.3	28.92	172.00	67.4	1210.	0.0
2.00		0.3750	64.029	75.762	38784.3	28.70	170.74	67.6	1193.	517.5
4.00		0.3750	63.558	75.201	37930.0	28.47	169.49	67.9	1175.	513.7
6.00		0.3750	63.087	74.641	37088.4	28.25	168.23	68.2	1157.	509.9
8.00		0.3750	62.617	74.080	36259.3	28.03	166.98	68.4	1140.	506.1
10.00		0.3750	62.146	73.520	35442.6	27.81	165.72	68.7	1123.	502.3
12.00		0.3750	61.675	72.960	34638.3	27.59	164.47	69.0	1106.	498.4
14.00		0.3750	61.204	72.399	33846.3	27.37	163.21	69.2	1089.	494.6
16.00		0.3750	60.733	71.839	33066.4	27.15	161.96	69.5	1072.	490.8
18.00		0.3750	60.262	71.279	32298.6	26.93	160.70	69.7	1055.	487.0
20.00		0.3750	59.792	70.718	31542.8	26.70	159.44	70.0	1039.	483.2
22.00		0.3750	59.321	70.158	30798.9	26.48	158.19	70.3	1022.	479.4
24.00		0.3750	58.850	69.597	30066.7	26.26	156.93	70.5	1006.	475.6
26.00		0.3750	58.379	69.037	29346.3	26.04	155.68	70.8	990.1	471.7
28.00		0.3750	57.908	68.477	28637.4	25.82	154.42	71.0	974.0	467.9
30.00		0.3750	57.437	67.916	27940.1	25.60	153.17	71.3	958.1	464.1
32.00		0.3750	56.967	67.356	27254.2	25.38	151.91	71.6	942.3	460.3
34.00		0.3750	56.496	66.795	26579.6	25.15	150.66	71.8	926.6	456.5
36.00		0.3750	56.025	66.235	25916.2	24.93	149.40	72.1	911.1	452.7
38.00		0.3750	55.554	65.675	25263.9	24.71	148.14	72.3	895.7	448.9
40.00		0.3750	55.083	65.114	24622.7	24.49	146.89	72.6	880.4	445.0
41.00	Bot - Section 2	0.3750	54.848	64.834	24306.2	24.38	146.26	72.7	872.8	221.1
42.00		0.3750	54.612	64.554	23992.5	24.27	145.63	72.9	865.3	443.3
44.00		0.3750	54.142	63.993	23373.0	24.05	144.38	73.1	850.3	880.9
46.00		0.3750	53.671	63.433	22764.4	23.83	143.12	73.4	835.4	873.3
48.00	Top - Section 1	0.3750	53.950	63.765	23124.0	23.96	143.87	0.0	0.0	865.7
50.00		0.3750	53.479	63.205	22519.6	23.74	142.61	73.5	829.4	432.1
52.00		0.3750	53.008	62.645	21925.9	23.51	141.36	73.7	814.7	428.2
54.00		0.3750	52.537	62.084	21342.8	23.29	140.10	74.0	800.1	424.4
56.00		0.3750	52.067	61.524	20770.0	23.07	138.84	74.3	785.7	420.6
58.00		0.3750	51.596	60.963	20207.6	22.85	137.59	74.5	771.4	416.8
60.00		0.3750	51.125	60.403	19655.5	22.63	136.33	74.8	757.2	413.0
62.00		0.3750	50.654	59.843	19113.5	22.41	135.08	75.0	743.2	409.2
64.00		0.3750	50.183	59.282	18581.5	22.19	133.82	75.3	729.3	405.4
66.00		0.3750	49.712	58.722	18059.6	21.96	132.57	75.6	715.5	401.5
68.00		0.3750	49.242	58.161	17547.4	21.74	131.31	75.8	701.9	397.7
70.00		0.3750	48.771	57.601	17045.1	21.52	130.06	76.1	688.4	393.9
72.00		0.3750	48.300	57.041	16552.4	21.30	128.80	76.3	675.0	390.1
74.00		0.3750	47.829	56.480	16069.4	21.08	127.54	76.6	661.7	386.3
76.00		0.3750	47.358	55.920	15595.8	20.86	126.29	76.9	648.6	382.5
78.00		0.3750	46.887	55.360	15131.6	20.64	125.03	77.1	635.6	378.7
80.00		0.3750	46.417	54.799	14676.7	20.41	123.78	77.4	622.8	374.8
81.00	Top - Section 2	0.3750	46.181	54.519	14452.7	20.30	123.15	77.5	616.4	186.0
81.00	Bot - Section 3	0.3125	46.181	45.494	12093.3	24.36	147.78	72.4	515.8	
82.00		0.3125	45.946	45.261	11908.1	24.51	147.03	72.6	510.5	154.4
84.00		0.3125	45.475	44.794	11543.3	24.25	145.52	72.9	500.0	306.4
85.00	Bot - Section 4	0.3125	45.240	44.560	11363.7	24.12	144.77	73.0	494.7	152.0
86.00		0.3125	45.004	44.327	11186.0	23.98	144.01	73.2	489.6	304.6
88.00		0.3125	44.533	43.860	10836.2	23.72	142.51	73.5	479.3	604.4
90.00		0.3125	44.062	43.393	10493.7	23.45	141.00	73.8	469.1	598.0

Increment Length: 2 (ft)

Elev (ft)	Description	Thick (in)	Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fpy (ksi)	S (in^3)	Weight (lb)
91.00	Top - Section 3	0.3125	44.452	43.779	10776.5	23.67	142.25	0.0	0.0	296.6
92.00		0.3125	44.217	43.546	10605.0	23.54	141.49	73.7	472.4	148.6
94.00		0.3125	43.746	43.079	10267.5	23.27	139.99	74.0	462.3	294.8
96.00		0.3125	43.275	42.612	9937.2	23.01	138.48	74.3	452.3	291.6
98.00		0.3125	42.804	42.145	9614.0	22.74	136.97	74.7	442.4	288.4
100.00		0.3125	42.333	41.678	9298.0	22.48	135.47	75.0	432.6	285.2
102.00		0.3125	41.862	41.211	8988.9	22.21	133.96	75.3	422.9	282.1
104.00		0.3125	41.392	40.744	8686.8	21.94	132.45	75.6	413.4	278.9
106.00		0.3125	40.921	40.277	8391.5	21.68	130.95	75.9	403.9	275.7
108.00		0.3125	40.450	39.810	8103.0	21.41	129.44	76.2	394.6	272.5
110.00		0.3125	39.979	39.343	7821.2	21.15	127.93	76.5	385.3	269.3
112.00		0.3125	39.508	38.876	7546.0	20.88	126.43	76.8	376.2	266.2
114.00		0.3125	39.037	38.409	7277.3	20.62	124.92	77.2	367.2	263.0
116.00		0.3125	38.567	37.942	7015.0	20.35	123.41	77.5	358.3	259.8
118.00		0.3125	38.096	37.475	6759.2	20.08	121.91	77.8	349.5	256.6
120.00		0.3125	37.625	37.008	6509.6	19.82	120.40	78.1	340.8	253.4
122.00		0.3125	37.154	36.541	6266.3	19.55	118.89	78.4	332.2	250.3
124.00		0.3125	36.683	36.074	6029.1	19.29	117.39	78.7	323.7	247.1
125.00	Top - Section 4	0.3125	36.448	35.841	5912.8	19.15	116.63	78.9	319.5	122.4
125.00	Bot - Section 5	0.2500	36.448	28.722	4754.8	23.94	145.79	72.8	256.9	
126.00		0.2500	36.212	28.535	4662.7	24.13	144.85	73.0	253.6	97.4
128.00		0.2500	35.742	28.162	4481.9	23.80	142.97	73.4	247.0	192.9
130.00	Bot - Section 6	0.2500	35.271	27.788	4305.9	23.47	141.08	73.8	240.5	190.4
132.00		0.2500	34.800	27.414	4134.6	23.13	139.20	74.2	234.0	378.4
134.00		0.2500	34.329	27.041	3967.8	22.80	137.32	74.6	227.7	373.3
135.00	Top - Section 5	0.2500	34.594	27.251	4060.9	22.99	138.37	0.0	0.0	184.7
136.00		0.2500	34.358	27.064	3978.0	22.82	137.43	74.6	228.0	92.4
138.00		0.2500	33.887	26.690	3815.5	22.49	135.55	74.9	221.8	182.9
140.00		0.2500	33.417	26.317	3657.5	22.16	133.67	75.3	215.6	180.4
142.00		0.2500	32.946	25.943	3504.0	21.83	131.78	75.7	209.5	177.8
144.00		0.2500	32.475	25.570	3354.8	21.49	129.90	76.1	203.5	175.3
146.00		0.2500	32.004	25.196	3209.9	21.16	128.02	76.5	197.5	172.7
148.00		0.2500	31.533	24.822	3069.2	20.83	126.13	76.9	191.7	170.2
150.00		0.2500	31.062	24.449	2932.7	20.50	124.25	77.3	186.0	167.7
152.00		0.2500	30.592	24.075	2800.3	20.17	122.37	77.7	180.3	165.1
154.00		0.2500	30.121	23.702	2671.9	19.83	120.48	78.1	174.7	162.6
156.00		0.2500	29.650	23.328	2547.6	19.50	118.60	78.5	169.2	160.0
158.00		0.2500	29.179	22.954	2427.1	19.17	116.72	78.9	163.8	157.5
160.00		0.2500	28.708	22.581	2310.5	18.84	114.83	79.2	158.5	154.9
162.00		0.2500	28.237	22.207	2197.7	18.51	112.95	79.6	153.3	152.4
164.00		0.2500	27.767	21.834	2088.7	18.17	111.07	80.0	148.2	149.9
165.00		0.2500	27.531	21.647	2035.5	18.01	110.12	80.2	145.6	74.0
166.00		0.2500	27.296	21.460	1983.3	17.84	109.18	80.4	143.1	73.3
168.00		0.2500	26.825	21.087	1881.5	17.51	107.30	80.8	138.1	144.8
170.00		0.2500	26.354	20.713	1783.3	17.18	105.42	81.2	133.3	142.2
172.00		0.2500	25.883	20.339	1688.5	16.85	103.53	81.6	128.5	139.7
174.00		0.2500	25.412	19.966	1597.2	16.51	101.65	82.0	123.8	137.1
175.00		0.2500	25.177	19.779	1552.7	16.35	100.71	82.2	121.5	67.6
176.00		0.2500	24.942	19.592	1509.2	16.18	99.77	82.4	119.2	67.0
178.00		0.2500	24.471	19.219	1424.5	15.85	97.88	82.5	114.7	132.1
180.00	Top - Section 6	0.2500	24.000	18.845	1343.0	15.52	96.00	82.5	110.2	129.5
180.00	Bot - Section 7	0.2810	24.000	20.939	1473.6	13.80	85.41	36.0	122.8	
182.00		0.2810	24.000	20.939	1473.6	0.00	85.41	36.0	122.8	142.5
184.00		0.2810	24.000	20.939	1473.6	0.00	85.41	36.0	122.8	142.5
186.00		0.2810	24.000	20.939	1473.6	0.00	85.41	36.0	122.8	142.5
188.00		0.2810	24.000	20.939	1473.6	0.00	85.41	36.0	122.8	142.5
190.00		0.2810	24.000	20.939	1473.6	0.00	85.41	36.0	122.8	142.5
192.00		0.2810	24.000	20.939	1473.6	0.00	85.41	36.0	122.8	142.5
194.00		0.2810	24.000	20.939	1473.6	0.00	85.41	36.0	122.8	142.5
195.00		0.2810	24.000	20.939	1473.6	0.00	85.41	36.0	122.8	71.3

Increment Length: 2 (ft)

Elev (ft)	Description	Thick (in)	Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fpy (ksi)	S (in^3)	Weight (lb)
										32588.3

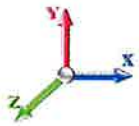
Wind Loading - Shaft

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 10	

Load Case: 1.2D + 1.0W 116 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 31

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	27.004	29.70	575.12	0.630	0.000	0.00	0.000	0.00	0.0	0.0	0.0
2.00		1.00	0.85	27.004	29.70	570.92	0.630	0.000	2.00	10.876	6.85	203.5	0.0	621.0
4.00		1.00	0.85	27.004	29.70	566.72	0.630	0.000	2.00	10.796	6.80	202.0	0.0	616.4
6.00		1.00	0.85	27.004	29.70	562.53	0.630	0.000	2.00	10.717	6.75	200.5	0.0	611.9
8.00		1.00	0.85	27.004	29.70	558.33	0.630	0.000	2.00	10.637	6.70	199.1	0.0	607.3
10.00		1.00	0.85	27.004	29.70	554.13	0.630	0.000	2.00	10.557	6.65	197.6	0.0	602.7
12.00		1.00	0.85	27.004	29.70	549.93	0.630	0.000	2.00	10.478	6.60	196.1	0.0	598.1
14.00		1.00	0.85	27.004	29.70	545.73	0.630	0.000	2.00	10.398	6.55	194.6	0.0	593.5
16.00		1.00	0.86	27.338	30.07	544.87	0.630	0.000	2.00	10.318	6.50	195.5	0.0	589.0
18.00		1.00	0.88	28.024	30.83	547.39	0.630	0.000	2.00	10.239	6.45	198.8	0.0	584.4
20.00		1.00	0.90	28.652	31.52	549.17	0.630	0.000	2.00	10.159	6.40	201.7	0.0	579.8
22.00		1.00	0.92	29.233	32.16	550.34	0.630	0.000	2.00	10.079	6.35	204.2	0.0	575.2
24.00		1.00	0.94	29.774	32.75	550.99	0.630	0.000	2.00	9.999	6.30	206.3	0.0	570.7
26.00		1.00	0.95	30.280	33.31	551.21	0.630	0.000	2.00	9.920	6.25	208.2	0.0	566.1
28.00		1.00	0.97	30.756	33.83	551.05	0.630	0.000	2.00	9.840	6.20	209.7	0.0	561.5
30.00		1.00	0.98	31.206	34.33	550.55	0.630	0.000	2.00	9.760	6.15	211.1	0.0	556.9
32.00		1.00	1.00	31.633	34.80	549.76	0.630	0.000	2.00	9.681	6.10	212.2	0.0	552.4
34.00		1.00	1.01	32.039	35.24	548.71	0.630	0.000	2.00	9.601	6.05	213.2	0.0	547.8
36.00		1.00	1.02	32.427	35.67	547.42	0.630	0.000	2.00	9.521	6.00	214.0	0.0	543.2
38.00		1.00	1.03	32.798	36.08	545.92	0.630	0.000	2.00	9.442	5.95	214.6	0.0	538.6
40.00		1.00	1.04	33.154	36.47	544.22	0.630	0.000	2.00	9.362	5.90	215.1	0.0	534.1
41.00	Bot - Section 2	1.00	1.05	33.327	36.66	543.30	0.630	0.000	1.00	4.651	2.93	107.4	0.0	265.3
42.00		1.00	1.05	33.496	36.85	542.35	0.630	0.000	1.00	4.695	2.96	109.0	0.0	532.0
44.00		1.00	1.06	33.826	37.21	540.31	0.630	0.000	2.00	9.330	5.88	218.7	0.0	1057.1
46.00		1.00	1.07	34.144	37.56	538.12	0.630	0.000	2.00	9.250	5.83	218.9	0.0	1047.9
48.00	Top - Section 1	1.00	1.08	34.451	37.90	535.80	0.630	0.000	2.00	9.170	5.78	218.9	0.0	1038.8
50.00		1.00	1.09	34.749	38.22	540.93	0.630	0.000	2.00	9.091	5.73	218.9	0.0	518.5
52.00		1.00	1.10	35.037	38.54	538.38	0.630	0.000	2.00	9.011	5.68	218.8	0.0	513.9
54.00		1.00	1.11	35.316	38.85	535.73	0.630	0.000	2.00	8.931	5.63	218.6	0.0	509.3
56.00		1.00	1.12	35.588	39.15	532.96	0.630	0.000	2.00	8.851	5.58	218.3	0.0	504.7
58.00		1.00	1.13	35.852	39.44	530.10	0.630	0.000	2.00	8.772	5.53	217.9	0.0	500.2
60.00		1.00	1.14	36.108	39.72	527.14	0.630	0.000	2.00	8.692	5.48	217.5	0.0	495.6
62.00		1.00	1.14	36.358	39.99	524.09	0.630	0.000	2.00	8.612	5.43	217.0	0.0	491.0
64.00		1.00	1.15	36.602	40.26	520.95	0.630	0.000	2.00	8.533	5.38	216.4	0.0	486.4
66.00		1.00	1.16	36.840	40.52	517.74	0.630	0.000	2.00	8.453	5.33	215.8	0.0	481.8
68.00		1.00	1.17	37.072	40.78	514.45	0.630	0.000	2.00	8.373	5.28	215.1	0.0	477.3
70.00	Appurtenance(s)	1.00	1.17	37.299	41.03	511.09	0.630	0.000	2.00	8.294	5.23	214.4	0.0	472.7
72.00		1.00	1.18	37.521	41.27	507.66	0.630	0.000	2.00	8.214	5.17	213.6	0.0	468.1
74.00		1.00	1.19	37.738	41.51	504.16	0.630	0.000	2.00	8.134	5.12	212.7	0.0	463.5
76.00		1.00	1.19	37.951	41.75	500.60	0.630	0.000	2.00	8.055	5.07	211.8	0.0	459.0
78.00		1.00	1.20	38.159	41.97	496.98	0.630	0.000	2.00	7.975	5.02	210.9	0.0	454.4
80.00		1.00	1.21	38.363	42.20	493.30	0.630	0.000	2.00	7.895	4.97	209.9	0.0	449.8
81.00	Top - Section 2	1.00	1.21	38.463	42.31	491.44	0.630	0.000	1.00	3.918	2.47	104.4	0.0	223.2
82.00		1.00	1.21	38.563	42.42	489.57	0.630	0.000	1.00	3.898	2.46	104.2	0.0	185.3
84.00		1.00	1.22	38.759	42.63	485.78	0.630	0.000	2.00	7.736	4.87	207.8	0.0	367.7
85.00	Bot - Section 4	1.00	1.22	38.856	42.74	483.87	0.630	0.000	1.00	3.838	2.42	103.3	0.0	182.4
86.00		1.00	1.23	38.951	42.85	481.95	0.630	0.000	1.00	3.871	2.44	104.5	0.0	365.5

Wind Loading - Shaft

Structure: CT01497-S-SBA
Site Name: Plymouth 2 CT
Height: 195.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1
Topography: 1
Code: TIA-222-H
Exposure: C
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II
7/13/2023
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88.00	1.00	1.23	39.140	43.05	478.06	0.630	0.000	2.00	7.682	4.84	208.4	0.0	725.3
90.00	1.00	1.24	39.326	43.26	474.13	0.630	0.000	2.00	7.603	4.79	207.2	0.0	717.6
91.00 Top - Section 3	1.00	1.24	39.418	43.36	472.14	0.630	0.000	1.00	3.771	2.38	103.0	0.0	356.0
92.00	1.00	1.24	39.508	43.46	476.89	0.630	0.000	1.00	3.752	2.36	102.7	0.0	178.3
94.00	1.00	1.25	39.688	43.66	472.88	0.630	0.000	2.00	7.443	4.69	204.7	0.0	353.7
96.00	1.00	1.25	39.864	43.85	468.83	0.630	0.000	2.00	7.364	4.64	203.4	0.0	349.9
98.00	1.00	1.26	40.037	44.04	464.73	0.630	0.000	2.00	7.284	4.59	202.1	0.0	346.1
100.00	1.00	1.27	40.208	44.23	460.60	0.630	0.000	2.00	7.204	4.54	200.7	0.0	342.3
102.00	1.00	1.27	40.376	44.41	456.43	0.630	0.000	2.00	7.125	4.49	199.3	0.0	338.5
104.00	1.00	1.28	40.541	44.60	452.22	0.630	0.000	2.00	7.045	4.44	197.9	0.0	334.6
106.00	1.00	1.28	40.704	44.77	447.97	0.630	0.000	2.00	6.965	4.39	196.5	0.0	330.8
108.00	1.00	1.29	40.865	44.95	443.69	0.630	0.000	2.00	6.886	4.34	195.0	0.0	327.0
110.00	1.00	1.29	41.023	45.13	439.37	0.630	0.000	2.00	6.806	4.29	193.5	0.0	323.2
112.00	1.00	1.30	41.179	45.30	435.02	0.630	0.000	2.00	6.726	4.24	191.9	0.0	319.4
114.00	1.00	1.30	41.333	45.47	430.64	0.630	0.000	2.00	6.646	4.19	190.4	0.0	315.6
116.00	1.00	1.31	41.484	45.63	426.23	0.630	0.000	2.00	6.567	4.14	188.8	0.0	311.8
118.00	1.00	1.31	41.634	45.80	421.78	0.630	0.000	2.00	6.487	4.09	187.2	0.0	308.0
120.00	1.00	1.32	41.781	45.96	417.30	0.630	0.000	2.00	6.407	4.04	185.5	0.0	304.1
122.00	1.00	1.32	41.927	46.12	412.80	0.630	0.000	2.00	6.328	3.99	183.9	0.0	300.3
124.00	1.00	1.32	42.071	46.28	408.27	0.630	0.000	2.00	6.248	3.94	182.2	0.0	296.5
125.00 Top - Section 4	1.00	1.33	42.142	46.36	405.99	0.630	0.000	1.00	3.094	1.95	90.4	0.0	146.8
126.00	1.00	1.33	42.213	46.43	403.71	0.630	0.000	1.00	3.074	1.94	89.9	0.0	116.9
128.00	1.00	1.33	42.353	46.59	399.12	0.630	0.000	2.00	6.089	3.84	178.7	0.0	231.5
130.00 Bot - Section 6	1.00	1.34	42.491	46.74	394.50	0.630	0.000	2.00	6.009	3.79	176.9	0.0	228.5
132.00	1.00	1.34	42.628	46.89	389.86	0.630	0.000	2.00	6.014	3.79	177.7	0.0	454.1
134.00	1.00	1.35	42.763	47.04	385.20	0.630	0.000	2.00	5.934	3.74	175.9	0.0	448.0
135.00 Top - Section 5	1.00	1.35	42.830	47.11	382.86	0.630	0.000	1.00	2.937	1.85	87.2	0.0	221.7
136.00	1.00	1.35	42.897	47.19	386.13	0.630	0.000	1.00	2.917	1.84	86.7	0.0	110.9
138.00	1.00	1.35	43.029	47.33	381.42	0.630	0.000	2.00	5.775	3.64	172.2	0.0	219.5
140.00	1.00	1.36	43.160	47.48	376.69	0.630	0.000	2.00	5.695	3.59	170.3	0.0	216.4
142.00	1.00	1.36	43.289	47.62	371.94	0.630	0.000	2.00	5.616	3.54	168.5	0.0	213.4
144.00	1.00	1.37	43.416	47.76	367.16	0.630	0.000	2.00	5.536	3.49	166.6	0.0	210.3
146.00	1.00	1.37	43.542	47.90	362.37	0.630	0.000	2.00	5.456	3.44	164.6	0.0	207.3
148.00	1.00	1.37	43.667	48.03	357.55	0.630	0.000	2.00	5.376	3.39	162.7	0.0	204.2
150.00	1.00	1.38	43.791	48.17	352.71	0.630	0.000	2.00	5.297	3.34	160.7	0.0	201.2
152.00	1.00	1.38	43.913	48.30	347.85	0.630	0.000	2.00	5.217	3.29	158.8	0.0	198.1
154.00	1.00	1.39	44.034	48.44	342.96	0.630	0.000	2.00	5.137	3.24	156.8	0.0	195.1
156.00	1.00	1.39	44.154	48.57	338.06	0.630	0.000	2.00	5.058	3.19	154.8	0.0	192.0
158.00	1.00	1.39	44.273	48.70	333.14	0.630	0.000	2.00	4.978	3.14	152.7	0.0	189.0
160.00	1.00	1.40	44.390	48.83	328.20	0.630	0.000	2.00	4.898	3.09	150.7	0.0	185.9
162.00	1.00	1.40	44.506	48.96	323.24	0.630	0.000	2.00	4.819	3.04	148.6	0.0	182.9
164.00	1.00	1.40	44.621	49.08	318.26	0.630	0.000	2.00	4.739	2.99	146.5	0.0	179.8
165.00 Appurtenance(s)	1.00	1.41	44.679	49.15	315.76	0.630	0.000	1.00	2.340	1.47	72.4	0.0	88.8
166.00	1.00	1.41	44.735	49.21	313.26	0.630	0.000	1.00	2.320	1.46	71.9	0.0	88.0
168.00	1.00	1.41	44.848	49.33	308.25	0.630	0.000	2.00	4.580	2.89	142.3	0.0	173.7
170.00	1.00	1.42	44.960	49.46	303.21	0.630	0.000	2.00	4.500	2.83	140.2	0.0	170.7
172.00	1.00	1.42	45.071	49.58	298.16	0.630	0.000	2.00	4.420	2.78	138.1	0.0	167.6
174.00	1.00	1.42	45.181	49.70	293.10	0.630	0.000	2.00	4.341	2.73	135.9	0.0	164.6
175.00 Appurtenance(s)	1.00	1.42	45.235	49.76	290.56	0.630	0.000	1.00	2.140	1.35	67.1	0.0	81.1
176.00	1.00	1.43	45.290	49.82	288.01	0.630	0.000	1.00	2.120	1.34	66.6	0.0	80.4
178.00	1.00	1.43	45.398	49.94	282.91	0.630	0.000	2.00	4.181	2.63	131.5	0.0	158.5
180.00 Top - Section 6	1.00	1.43	45.504	50.05	277.79	0.630	0.000	2.00	4.102	2.58	129.3	0.0	155.4
182.00	1.00	1.44	45.610	50.17	273.89	0.450	0.000	2.00	4.000	1.80	90.3	0.0	171.0
184.00	1.00	1.44	45.716	50.29	274.21	0.450	0.000	2.00	4.000	1.80	90.5	0.0	171.0
186.00	1.00	1.44	45.820	50.40	274.52	0.450	0.000	2.00	4.000	1.80	90.7	0.0	171.0
188.00	1.00	1.45	45.923	50.52	274.83	0.450	0.000	2.00	4.000	1.80	90.9	0.0	171.0
190.00	1.00	1.45	46.025	50.63	275.14	0.450	0.000	2.00	4.000	1.80	91.1	0.0	171.0

Wind Loading - Shaft

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 12

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192.00	1.00	1.45	46.127	50.74	275.44	0.450	0.000	2.00	4.000	1.80	91.3	0.0	171.0
194.00	1.00	1.46	46.228	50.85	275.74	0.450	0.000	2.00	4.000	1.80	91.5	0.0	171.0
195.00 Appurtenance(s)	1.00	1.46	46.278	50.91	275.89	0.450	0.000	1.00	2.000	0.90	45.8	0.0	85.5
							Totals:	**195.00**			**17,842.7**		**39,106.0**

Discrete Appurtenance Forces

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 13	

Tower Engineering Solutions

Load Case: 1.2D + 1.0W 116 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 31

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	195.00	800 MHz RRH	3	46.328	50.960	0.60	0.90	4.50	190.80	0.000	1.000	229.55	0.00	229.55
2	195.00	APXVSPP18-C-A20	3	46.328	50.960	0.75	0.90	17.97	205.20	0.000	1.000	915.90	0.00	915.90
3	195.00	APXVTM14-C-I20	3	46.328	50.960	0.69	0.90	13.18	202.32	0.000	1.000	671.70	0.00	671.70
4	195.00	1900MHz RRH (65MHz)	3	46.328	50.960	0.60	0.90	5.01	216.00	0.000	1.000	255.36	0.00	255.36
5	195.00	T-Arms w/ Working	3	46.278	50.906	0.56	0.75	27.00	1800.00	0.000	0.000	1374.45	0.00	0.00
6	195.00	TD-RRH8x20-25	3	46.328	50.960	0.60	0.90	7.33	252.00	0.000	1.000	373.36	0.00	373.36
7	195.00	ALU 800MHz External	3	46.328	50.960	0.60	0.90	1.41	31.68	0.000	1.000	71.91	0.00	71.91
8	195.00	ACU-A20-N	4	46.328	50.960	0.60	0.90	0.34	4.80	0.000	1.000	17.21	0.00	17.21
9	175.00	(3) T-Arm Kit	1	45.235	49.759	0.56	0.75	9.00	600.00	0.000	0.000	447.83	0.00	0.00
10	175.00	FE15501P77/75	6	45.235	49.759	0.54	0.80	2.28	126.00	0.000	0.000	113.62	0.00	0.00
11	175.00	4449 B71 + B85	3	45.235	49.759	0.54	0.80	3.17	270.00	0.000	0.000	157.62	0.00	0.00
12	175.00	KRY 112 489/2	3	45.235	49.759	0.54	0.80	1.05	55.44	0.000	0.000	52.01	0.00	0.00
13	175.00	KRY 112 144/1	3	45.235	49.759	0.54	0.80	0.66	39.60	0.000	0.000	32.81	0.00	0.00
14	175.00	APXVAALL24_43-U-NA20	3	45.235	49.759	0.56	0.80	34.00	442.08	0.000	0.000	1691.96	0.00	0.00
15	175.00	4460 B25 + B66	3	45.235	49.759	0.54	0.80	4.58	374.40	0.000	0.000	228.04	0.00	0.00
16	175.00	AIR6419 B41	3	45.235	49.759	0.61	0.80	6.93	299.88	0.000	0.000	344.89	0.00	0.00
17	175.00	T-Arms w/ Working	3	45.235	49.759	0.56	0.75	27.00	1800.00	0.000	0.000	1343.49	0.00	0.00
18	165.00	MT6407-77A	3	44.679	49.146	0.56	0.80	7.88	285.84	0.000	0.000	387.23	0.00	0.00
19	165.00	Low Profile Platform	1	44.679	49.146	1.00	1.00	22.00	1800.00	0.000	0.000	1081.22	0.00	0.00
20	165.00	BSF0020F3V1-1	2	44.679	49.146	0.64	0.80	1.52	42.24	0.000	0.000	74.86	0.00	0.00
21	165.00	MX06FRO660-03	6	44.679	49.146	0.70	0.80	41.69	432.00	0.000	0.000	2048.96	0.00	0.00
22	165.00	Samsung B5/B13	3	44.679	49.146	0.54	0.80	3.02	253.08	0.000	0.000	148.57	0.00	0.00
23	165.00	Samsung B2/B66A	3	44.679	49.146	0.54	0.80	3.02	303.84	0.000	0.000	148.57	0.00	0.00
24	165.00	Raycap	1	44.679	49.146	0.80	0.80	3.03	38.40	0.000	0.000	149.01	0.00	0.00
25	165.00	91900314	1	44.679	49.146	1.00	1.00	0.00	30.42	0.000	0.000	0.00	0.00	0.00
26	70.00	Side Arm (L. Heavy)	1	37.299	41.029	1.00	1.00	3.50	144.00	0.000	0.000	143.60	0.00	0.00
27	70.00	407577689 Gps	1	37.299	41.029	0.50	1.00	0.46	4.80	0.000	0.000	18.67	0.00	0.00
							Totals:		**10,244.82**			**12,522.39**		

Total Applied Force Summary

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 14	

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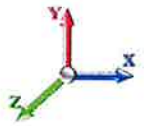
Load Case: 1.2D + 1.0W 116 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 31

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
2.00		203.53	672.85	0.00	0.00
4.00		202.04	668.27	0.00	0.00
6.00		200.55	663.70	0.00	0.00
8.00		199.06	659.12	0.00	0.00
10.00		197.57	654.54	0.00	0.00
12.00		196.08	649.97	0.00	0.00
14.00		194.58	645.39	0.00	0.00
16.00		195.48	640.81	0.00	0.00
18.00		198.84	636.24	0.00	0.00
20.00		201.72	631.66	0.00	0.00
22.00		204.19	627.08	0.00	0.00
24.00		206.32	622.51	0.00	0.00
26.00		208.15	617.93	0.00	0.00
28.00		209.73	613.35	0.00	0.00
30.00		211.07	608.78	0.00	0.00
32.00		212.21	604.20	0.00	0.00
34.00		213.17	599.62	0.00	0.00
36.00		213.96	595.05	0.00	0.00
38.00		214.60	590.47	0.00	0.00
40.00		215.10	585.89	0.00	0.00
41.00		107.42	291.23	0.00	0.00
42.00		108.98	557.90	0.00	0.00
44.00		218.70	1108.93	0.00	0.00
46.00		218.87	1099.78	0.00	0.00
48.00		218.94	1090.63	0.00	0.00
50.00		218.91	570.30	0.00	0.00
52.00		218.79	565.73	0.00	0.00
54.00		218.58	561.15	0.00	0.00
56.00		218.30	556.57	0.00	0.00
58.00		217.94	552.00	0.00	0.00
60.00		217.50	547.42	0.00	0.00
62.00		217.00	542.84	0.00	0.00
64.00		216.44	538.27	0.00	0.00
66.00		215.81	533.69	0.00	0.00
68.00		215.12	529.11	0.00	0.00
70.00	(2) attachments	376.65	673.34	0.00	0.00
72.00		213.58	519.58	0.00	0.00
74.00		212.73	515.00	0.00	0.00
76.00		211.84	510.42	0.00	0.00
78.00		210.89	505.85	0.00	0.00
80.00		209.90	501.27	0.00	0.00
81.00		104.43	248.92	0.00	0.00
82.00		104.17	211.02	0.00	0.00
84.00		207.79	419.18	0.00	0.00
85.00		103.35	208.16	0.00	0.00
86.00		104.49	391.22	0.00	0.00

Total Applied Force Summary

Structure:	CT01497-S-SBA		**Code:**	TIA-222-H	7/13/2023
Site Name:	Plymouth 2 CT		**Exposure:**	C	
Height:	195.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 15

Tower Engineering Solutions

88.00		208.38	776.71	0.00	0.00
90.00		207.19	769.08	0.00	0.00
91.00		103.02	381.68	0.00	0.00
92.00		102.71	204.02	0.00	0.00
94.00		204.72	405.17	0.00	0.00
96.00		203.42	401.36	0.00	0.00
98.00		202.10	397.55	0.00	0.00
100.00		200.74	393.73	0.00	0.00
102.00		199.35	389.92	0.00	0.00
104.00		197.93	386.10	0.00	0.00
106.00		196.47	382.29	0.00	0.00
108.00		194.99	378.48	0.00	0.00
110.00		193.48	374.66	0.00	0.00
112.00		191.94	370.85	0.00	0.00
114.00		190.38	367.04	0.00	0.00
116.00		188.79	363.22	0.00	0.00
118.00		187.17	359.41	0.00	0.00
120.00		185.52	355.59	0.00	0.00
122.00		183.85	351.78	0.00	0.00
124.00		182.16	347.97	0.00	0.00
125.00		90.36	172.55	0.00	0.00
126.00		89.93	142.63	0.00	0.00
128.00		178.71	282.97	0.00	0.00
130.00		176.94	279.92	0.00	0.00
132.00		177.66	505.52	0.00	0.00
134.00		175.86	499.41	0.00	0.00
135.00		87.18	247.42	0.00	0.00
136.00		86.72	136.62	0.00	0.00
138.00		172.20	270.95	0.00	0.00
140.00		170.34	267.90	0.00	0.00
142.00		168.46	264.85	0.00	0.00
144.00		166.56	261.80	0.00	0.00
146.00		164.64	258.75	0.00	0.00
148.00		162.70	255.70	0.00	0.00
150.00		160.74	252.65	0.00	0.00
152.00		158.77	249.60	0.00	0.00
154.00		156.77	246.54	0.00	0.00
156.00		154.76	243.49	0.00	0.00
158.00		152.73	240.44	0.00	0.00
160.00		150.69	237.39	0.00	0.00
162.00		148.62	234.34	0.00	0.00
164.00		146.54	231.29	0.00	0.00
165.00	(20) attachments	4110.86	3300.32	0.00	0.00
166.00		71.91	104.93	0.00	0.00
168.00		142.33	207.57	0.00	0.00
170.00		140.21	204.52	0.00	0.00
172.00		138.06	201.47	0.00	0.00
174.00		135.91	198.42	0.00	0.00
175.00	(28) attachments	4479.36	4105.47	0.00	0.00
176.00		66.55	83.55	0.00	0.00
178.00		131.54	164.81	0.00	0.00
180.00		129.34	161.76	0.00	0.00
182.00		90.31	177.34	0.00	0.00
184.00		90.52	177.34	0.00	0.00
186.00		90.72	177.34	0.00	0.00
188.00		90.93	177.34	0.00	0.00
190.00		91.13	177.34	0.00	0.00

Total Applied Force Summary

Structure:	CT01497-S-SBA		**Code:**	TIA-222-H	7/13/2023
Site Name:	Plymouth 2 CT		**Exposure:**	C	
Height:	195.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 16

Tower Engineering Solutions

192.00		91.33	177.34	0.00	0.00
194.00		91.53	177.34	0.00	0.00
195.00	(25) attachments	3955.25	2991.47	0.00	2534.98
	Totals:	**30,365.09**	**53,841.94**	**0.00**	**2,534.98**

Calculated Forces

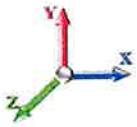
Structure: CT01497-S-SBA
Site Name: Plymouth 2 CT
Height: 195.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

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

7/13/2023

Tower Engineering Solutions

Load Case: 1.2D + 1.0W 116 mph Wind
Dead Load Factor 1.20
Wind Load Factor 1.00



Iterations 31

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	-53.83	-30.39	0.00	-3998.9	0.00	3998.90	4628.91	1339.45	7126.38	6119.66	0.00	0.000	0.000	0.666
2.00	-53.12	-30.24	0.00	-3938.1	0.00	3938.12	4612.68	1329.62	7022.11	6053.16	0.01	-0.057	0.000	0.663
4.00	-52.42	-30.09	0.00	-3877.6	0.00	3877.64	4596.18	1319.78	6918.62	5986.64	0.05	-0.114	0.000	0.660
6.00	-51.73	-29.94	0.00	-3817.4	0.00	3817.47	4579.43	1309.95	6815.89	5920.10	0.11	-0.172	0.000	0.657
8.00	-51.04	-29.79	0.00	-3757.5	0.00	3757.59	4562.40	1300.11	6713.93	5853.55	0.19	-0.230	0.000	0.654
10.00	-50.36	-29.64	0.00	-3698.0	0.00	3698.01	4545.12	1290.28	6612.74	5787.00	0.30	-0.289	0.000	0.651
12.00	-49.68	-29.49	0.00	-3638.7	0.00	3638.73	4527.57	1280.44	6512.31	5720.46	0.44	-0.348	0.000	0.648
14.00	-49.00	-29.35	0.00	-3579.7	0.00	3579.74	4509.77	1270.61	6412.66	5653.92	0.60	-0.407	0.000	0.645
16.00	-48.34	-29.20	0.00	-3521.0	0.00	3521.05	4491.69	1260.77	6313.77	5587.41	0.78	-0.466	0.000	0.641
18.00	-47.67	-29.04	0.00	-3462.6	0.00	3462.66	4473.36	1250.94	6215.65	5520.93	0.99	-0.527	0.000	0.638
20.00	-47.01	-28.88	0.00	-3404.5	0.00	3404.58	4454.76	1241.10	6118.30	5454.49	1.22	-0.587	0.000	0.635
22.00	-46.35	-28.72	0.00	-3346.8	0.00	3346.82	4435.90	1231.27	6021.72	5388.08	1.48	-0.648	0.000	0.632
24.00	-45.70	-28.56	0.00	-3289.3	0.00	3289.38	4416.78	1221.43	5925.90	5321.73	1.77	-0.709	0.000	0.629
26.00	-45.06	-28.39	0.00	-3232.2	0.00	3232.27	4397.40	1211.60	5830.86	5255.44	2.08	-0.771	0.000	0.626
28.00	-44.42	-28.22	0.00	-3175.4	0.00	3175.49	4377.75	1201.76	5736.58	5189.22	2.41	-0.833	0.000	0.623
30.00	-43.78	-28.05	0.00	-3119.0	0.00	3119.05	4357.84	1191.93	5643.07	5123.07	2.78	-0.896	0.000	0.619
32.00	-43.15	-27.87	0.00	-3062.9	0.00	3062.96	4337.67	1182.09	5550.33	5057.01	3.17	-0.959	0.000	0.616
34.00	-42.52	-27.70	0.00	-3007.2	0.00	3007.21	4317.23	1172.26	5458.36	4991.03	3.58	-1.022	0.000	0.613
36.00	-41.90	-27.52	0.00	-2951.8	0.00	2951.82	4296.53	1162.42	5367.16	4925.16	4.02	-1.086	0.000	0.610
38.00	-41.28	-27.34	0.00	-2896.7	0.00	2896.79	4275.57	1152.59	5276.73	4859.38	4.49	-1.150	0.000	0.606
40.00	-40.68	-27.15	0.00	-2842.1	0.00	2842.11	4254.35	1142.76	5187.06	4793.73	4.99	-1.215	0.000	0.603
41.00	-40.38	-27.06	0.00	-2814.9	0.00	2814.96	4243.64	1137.84	5142.51	4760.94	5.25	-1.247	0.000	0.601
42.00	-39.80	-26.97	0.00	-2787.9	0.00	2787.91	4232.86	1132.92	5098.16	4728.19	5.51	-1.280	0.000	0.600
44.00	-38.66	-26.77	0.00	-2733.9	0.00	2733.97	4211.11	1123.09	5010.03	4662.78	6.06	-1.346	0.000	0.596
46.00	-37.54	-26.57	0.00	-2680.4	0.00	2680.44	4189.10	1113.25	4922.67	4597.51	6.64	-1.411	0.000	0.593
48.00	-36.42	-26.36	0.00	-2627.3	0.00	2627.31	4202.19	1119.08	4974.38	4636.19	7.25	-1.478	0.000	0.576
50.00	-35.83	-26.17	0.00	-2574.5	0.00	2574.58	4180.07	1109.25	4887.33	4570.98	7.88	-1.545	0.000	0.572
52.00	-35.24	-25.98	0.00	-2522.2	0.00	2522.24	4157.69	1099.41	4801.05	4505.91	8.54	-1.609	0.000	0.569
54.00	-34.66	-25.78	0.00	-2470.2	0.00	2470.29	4135.04	1089.58	4715.54	4441.00	9.23	-1.674	0.000	0.565
56.00	-34.08	-25.58	0.00	-2418.7	0.00	2418.73	4112.14	1079.74	4630.79	4376.25	9.94	-1.739	0.000	0.562
58.00	-33.50	-25.39	0.00	-2367.5	0.00	2367.57	4088.97	1069.91	4546.82	4311.67	10.69	-1.804	0.000	0.558
60.00	-32.93	-25.19	0.00	-2316.7	0.00	2316.79	4065.54	1060.07	4463.61	4247.27	11.46	-1.870	0.000	0.554
62.00	-32.37	-24.99	0.00	-2266.4	0.00	2266.41	4041.84	1050.24	4381.17	4183.06	12.26	-1.937	0.000	0.550
64.00	-31.81	-24.80	0.00	-2216.4	0.00	2216.43	4017.89	1040.40	4299.50	4119.03	13.08	-2.003	0.000	0.547
66.00	-31.26	-24.60	0.00	-2166.8	0.00	2166.84	3993.67	1030.57	4218.60	4055.21	13.93	-2.071	0.000	0.543
68.00	-30.71	-24.40	0.00	-2117.6	0.00	2117.64	3969.18	1020.73	4138.47	3991.60	14.82	-2.138	0.000	0.539
70.00	-30.02	-24.03	0.00	-2068.8	0.00	2068.84	3944.44	1010.90	4059.10	3928.21	15.73	-2.206	0.000	0.535
72.00	-29.48	-23.84	0.00	-2020.7	0.00	2020.78	3919.43	1001.06	3980.51	3865.04	16.67	-2.274	0.000	0.531
74.00	-28.94	-23.64	0.00	-1973.1	0.00	1973.11	3894.16	991.23	3902.68	3802.10	17.63	-2.343	0.000	0.527
76.00	-28.42	-23.44	0.00	-1925.8	0.00	1925.84	3868.63	981.39	3825.62	3739.40	18.63	-2.412	0.000	0.523
78.00	-27.89	-23.24	0.00	-1878.9	0.00	1878.96	3842.83	971.56	3749.33	3676.95	19.65	-2.481	0.000	0.519
80.00	-27.38	-23.03	0.00	-1832.4	0.00	1832.48	3816.78	961.72	3673.81	3614.75	20.71	-2.551	0.000	0.515
81.00	-27.12	-22.93	0.00	-1809.4	0.00	1809.45	3803.65	956.81	3636.33	3583.75	21.25	-2.586	0.000	0.513
81.00	-27.12	-22.93	0.00	-1809.4	0.00	1809.45	2964.89	798.43	3038.55	2801.11	21.25	-2.586	0.000	0.656
82.00	-26.89	-22.85	0.00	-1786.5	0.00	1786.52	2956.04	794.33	3007.44	2778.31	21.79	-2.622	0.000	0.653
84.00	-26.46	-22.65	0.00	-1740.8	0.00	1740.82	2938.13	786.13	2945.70	2732.80	22.91	-2.706	0.000	0.647
85.00	-26.24	-22.56	0.00	-1718.1	0.00	1718.17	2929.08	782.04	2915.07	2710.08	23.48	-2.749	0.000	0.644
86.00	-25.83	-22.46	0.00	-1695.6	0.00	1695.61	2919.97	777.94	2884.60	2687.40	24.06	-2.791	0.000	0.641

Calculated Forces

Structure: CT01497-S-SBA
Site Name: Plymouth 2 CT
Height: 195.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1
Topography: 1
Code: TIA-222-H
Exposure: C
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II
7/13/2023
Page: 18

TES Tower Engineering Solutions

88.00	-25.03	-22.25	0.00	-1650.6	0.00	1650.69	2901.54	769.74	2824.14	2642.11	25.25	-2.876	0.000	0.634
90.00	-24.24	-22.04	0.00	-1606.1	0.00	1606.18	2882.85	761.55	2764.32	2596.94	26.47	-2.962	0.000	0.628
91.00	-23.85	-21.93	0.00	-1584.1	0.00	1584.14	2898.33	768.33	2813.78	2634.30	27.10	-3.005	0.000	0.610
92.00	-23.63	-21.84	0.00	-1562.2	0.00	1562.21	2889.00	764.23	2783.84	2611.72	27.73	-3.049	0.000	0.607
94.00	-23.20	-21.65	0.00	-1518.5	0.00	1518.53	2870.13	756.03	2724.45	2566.64	29.03	-3.131	0.000	0.601
96.00	-22.78	-21.46	0.00	-1475.2	0.00	1475.23	2851.00	747.84	2665.70	2521.69	30.35	-3.214	0.000	0.594
98.00	-22.37	-21.27	0.00	-1432.3	0.00	1432.31	2831.61	739.64	2607.60	2476.90	31.72	-3.297	0.000	0.587
100.00	-21.96	-21.08	0.00	-1389.7	0.00	1389.78	2811.95	731.45	2550.13	2432.25	33.12	-3.381	0.000	0.580
102.00	-21.55	-20.88	0.00	-1347.6	0.00	1347.63	2792.03	723.25	2493.30	2387.76	34.55	-3.465	0.000	0.573
104.00	-21.14	-20.69	0.00	-1305.8	0.00	1305.87	2771.85	715.06	2437.12	2343.44	36.02	-3.549	0.000	0.566
106.00	-20.75	-20.50	0.00	-1264.4	0.00	1264.48	2751.41	706.86	2381.57	2299.29	37.52	-3.633	0.000	0.558
108.00	-20.35	-20.32	0.00	-1223.4	0.00	1223.47	2730.70	698.66	2326.66	2255.33	39.06	-3.717	0.000	0.551
110.00	-19.96	-20.13	0.00	-1182.8	0.00	1182.84	2709.73	690.47	2272.40	2211.55	40.64	-3.802	0.000	0.543
112.00	-19.57	-19.94	0.00	-1142.5	0.00	1142.58	2688.50	682.27	2218.77	2167.98	42.25	-3.886	0.000	0.535
114.00	-19.19	-19.75	0.00	-1102.7	0.00	1102.71	2667.01	674.08	2165.79	2124.61	43.89	-3.971	0.000	0.527
116.00	-18.81	-19.57	0.00	-1063.2	0.00	1063.20	2645.25	665.88	2113.44	2081.45	45.57	-4.056	0.000	0.519
118.00	-18.44	-19.38	0.00	-1024.0	0.00	1024.06	2623.23	657.69	2061.74	2038.51	47.29	-4.140	0.000	0.510
120.00	-18.07	-19.20	0.00	-985.30	0.00	985.30	2600.95	649.49	2010.67	1995.80	49.04	-4.225	0.000	0.502
122.00	-17.70	-19.01	0.00	-946.90	0.00	946.90	2578.41	641.29	1960.25	1953.33	50.83	-4.309	0.000	0.493
124.00	-17.35	-18.83	0.00	-908.87	0.00	908.87	2555.60	633.10	1910.47	1911.10	52.65	-4.394	0.000	0.483
125.00	-17.17	-18.74	0.00	-890.05	0.00	890.05	2544.10	629.00	1885.82	1890.08	53.57	-4.436	0.000	0.479
125.00	-17.17	-18.74	0.00	-890.05	0.00	890.05	1882.48	504.07	1513.88	1403.39	53.57	-4.436	0.000	0.645
126.00	-17.01	-18.66	0.00	-871.31	0.00	871.31	1875.26	500.79	1494.25	1388.85	54.51	-4.478	0.000	0.638
128.00	-16.71	-18.49	0.00	-834.00	0.00	834.00	1860.60	494.24	1455.38	1359.83	56.40	-4.582	0.000	0.624
130.00	-16.41	-18.32	0.00	-797.03	0.00	797.03	1845.69	487.68	1417.02	1330.91	58.34	-4.686	0.000	0.609
132.00	-15.89	-18.13	0.00	-760.40	0.00	760.40	1830.51	481.12	1379.17	1302.09	60.33	-4.789	0.000	0.594
134.00	-15.38	-17.93	0.00	-724.14	0.00	724.14	1815.07	474.57	1341.84	1273.39	62.35	-4.891	0.000	0.579
135.00	-15.13	-17.84	0.00	-706.21	0.00	706.21	1823.78	478.25	1362.76	1289.51	63.38	-4.942	0.000	0.557
136.00	-14.98	-17.76	0.00	-688.38	0.00	688.38	1816.04	474.97	1344.14	1275.17	64.42	-4.993	0.000	0.549
138.00	-14.69	-17.59	0.00	-652.87	0.00	652.87	1800.35	468.42	1307.29	1246.57	66.53	-5.089	0.000	0.533
140.00	-14.41	-17.42	0.00	-617.70	0.00	617.70	1784.40	461.86	1270.94	1218.11	68.68	-5.184	0.000	0.517
142.00	-14.14	-17.25	0.00	-582.87	0.00	582.87	1768.19	455.30	1235.12	1189.78	70.87	-5.277	0.000	0.499
144.00	-13.87	-17.08	0.00	-548.37	0.00	548.37	1751.71	448.75	1199.80	1161.59	73.10	-5.369	0.000	0.481
146.00	-13.60	-16.91	0.00	-514.22	0.00	514.22	1734.98	442.19	1165.00	1133.55	75.37	-5.459	0.000	0.463
148.00	-13.33	-16.75	0.00	-480.39	0.00	480.39	1717.98	435.63	1130.70	1105.67	77.67	-5.548	0.000	0.444
150.00	-13.07	-16.58	0.00	-446.90	0.00	446.90	1700.71	429.08	1096.92	1077.96	80.01	-5.633	0.000	0.424
152.00	-12.82	-16.42	0.00	-413.74	0.00	413.74	1683.19	422.52	1063.66	1050.42	82.38	-5.717	0.000	0.403
154.00	-12.56	-16.25	0.00	-380.91	0.00	380.91	1665.40	415.96	1030.90	1023.06	84.79	-5.798	0.000	0.381
156.00	-12.32	-16.09	0.00	-348.41	0.00	348.41	1647.35	409.41	998.66	995.89	87.23	-5.875	0.000	0.359
158.00	-12.07	-15.93	0.00	-316.23	0.00	316.23	1629.04	402.85	966.93	968.91	89.71	-5.950	0.000	0.335
160.00	-11.83	-15.77	0.00	-284.37	0.00	284.37	1610.46	396.29	935.71	942.14	92.21	-6.020	0.000	0.311
162.00	-11.60	-15.61	0.00	-252.84	0.00	252.84	1591.62	389.74	905.01	915.58	94.74	-6.086	0.000	0.285
164.00	-11.37	-15.45	0.00	-221.62	0.00	221.62	1572.52	383.18	874.81	889.24	97.30	-6.148	0.000	0.258
165.00	-8.53	-11.01	0.00	-206.17	0.00	206.17	1562.88	379.90	859.91	876.15	98.59	-6.177	0.000	0.242
166.00	-8.42	-10.93	0.00	-195.16	0.00	195.16	1553.16	376.62	845.13	863.13	99.88	-6.205	0.000	0.232
168.00	-8.22	-10.78	0.00	-173.30	0.00	173.30	1533.53	370.07	815.96	837.25	102.49	-6.258	0.000	0.213
170.00	-8.03	-10.62	0.00	-151.74	0.00	151.74	1513.65	363.51	787.30	811.61	105.12	-6.307	0.000	0.193
172.00	-7.83	-10.47	0.00	-130.50	0.00	130.50	1493.49	356.96	759.16	786.22	107.76	-6.352	0.000	0.172
174.00	-7.65	-10.31	0.00	-109.56	0.00	109.56	1473.08	350.40	731.53	761.10	110.43	-6.392	0.000	0.150
175.00	-4.06	-5.41	0.00	-99.25	0.00	99.25	1462.77	347.12	717.90	748.63	111.77	-6.411	0.000	0.136
176.00	-3.99	-5.33	0.00	-93.84	0.00	93.84	1452.40	343.84	704.41	736.23	113.11	-6.429	0.000	0.130
178.00	-3.83	-5.19	0.00	-83.18	0.00	83.18	1427.84	337.29	677.80	709.84	115.80	-6.462	0.000	0.120
180.00	-3.69	-5.04	0.00	-72.80	0.00	72.80	1400.09	330.73	651.70	682.38	118.51	-6.493	0.000	0.110
180.00	-3.69	-5.04	0.00	-72.80	0.00	72.80	678.42	203.53	25205.7	396.30	118.51	-6.493	0.000	0.190
182.00	-3.52	-4.93	0.00	-62.72	0.00	62.72	678.42	203.53	25205.7	396.30	121.23	-6.522	0.000	0.164
184.00	-3.35	-4.82	0.00	-52.85	0.00	52.85	678.42	203.53	25205.7	396.30	123.96	-6.544	0.000	0.139
186.00	-3.18	-4.71	0.00	-43.21	0.00	43.21	678.42	203.53	25205.7	396.30	126.70	-6.563	0.000	0.114

Calculated Forces

Structure: CT01497-S-SBA
Site Name: Plymouth 2 CT
Height: 195.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

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

7/13/2023

Tower Engineering Solutions

188.00	-3.02	-4.61	0.00	-33.78	0.00	33.78	678.42	203.53	25205.7	396.30	129.45	-6.577	0.000	0.090
190.00	-2.85	-4.49	0.00	-24.57	0.00	24.57	678.42	203.53	25205.7	396.30	132.20	-6.589	0.000	0.067
192.00	-2.68	-4.38	0.00	-15.58	0.00	15.58	678.42	203.53	25205.7	396.30	134.96	-6.596	0.000	0.044
194.00	-2.52	-4.27	0.00	-6.81	0.00	6.81	678.42	203.53	25205.7	396.30	137.72	-6.601	0.000	0.021
195.00	0.00	-3.96	0.00	-2.53	0.00	2.53	678.42	203.53	25205.7	396.30	139.10	-6.602	0.000	0.007

Wind Loading - Shaft

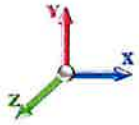
Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 20	

Tower Engineering Solutions

Load Case: 0.9D + 1.0W 116 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 31

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	27.004	29.70	575.12	0.630	0.000	0.00	0.000	0.00	0.0	0.0	0.0
2.00		1.00	0.85	27.004	29.70	570.92	0.630	0.000	2.00	10.876	6.85	203.5	0.0	465.8
4.00		1.00	0.85	27.004	29.70	566.72	0.630	0.000	2.00	10.796	6.80	202.0	0.0	462.3
6.00		1.00	0.85	27.004	29.70	562.53	0.630	0.000	2.00	10.717	6.75	200.5	0.0	458.9
8.00		1.00	0.85	27.004	29.70	558.33	0.630	0.000	2.00	10.637	6.70	199.1	0.0	455.5
10.00		1.00	0.85	27.004	29.70	554.13	0.630	0.000	2.00	10.557	6.65	197.6	0.0	452.0
12.00		1.00	0.85	27.004	29.70	549.93	0.630	0.000	2.00	10.478	6.60	196.1	0.0	448.6
14.00		1.00	0.85	27.004	29.70	545.73	0.630	0.000	2.00	10.398	6.55	194.6	0.0	445.2
16.00		1.00	0.86	27.338	30.07	544.87	0.630	0.000	2.00	10.318	6.50	195.5	0.0	441.7
18.00		1.00	0.88	28.024	30.83	547.39	0.630	0.000	2.00	10.239	6.45	198.8	0.0	438.3
20.00		1.00	0.90	28.652	31.52	549.17	0.630	0.000	2.00	10.159	6.40	201.7	0.0	434.9
22.00		1.00	0.92	29.233	32.16	550.34	0.630	0.000	2.00	10.079	6.35	204.2	0.0	431.4
24.00		1.00	0.94	29.774	32.75	550.99	0.630	0.000	2.00	9.999	6.30	206.3	0.0	428.0
26.00		1.00	0.95	30.280	33.31	551.21	0.630	0.000	2.00	9.920	6.25	208.2	0.0	424.6
28.00		1.00	0.97	30.756	33.83	551.05	0.630	0.000	2.00	9.840	6.20	209.7	0.0	421.1
30.00		1.00	0.98	31.206	34.33	550.55	0.630	0.000	2.00	9.760	6.15	211.1	0.0	417.7
32.00		1.00	1.00	31.633	34.80	549.76	0.630	0.000	2.00	9.681	6.10	212.2	0.0	414.3
34.00		1.00	1.01	32.039	35.24	548.71	0.630	0.000	2.00	9.601	6.05	213.2	0.0	410.8
36.00		1.00	1.02	32.427	35.67	547.42	0.630	0.000	2.00	9.521	6.00	214.0	0.0	407.4
38.00		1.00	1.03	32.798	36.08	545.92	0.630	0.000	2.00	9.442	5.95	214.6	0.0	404.0
40.00		1.00	1.04	33.154	36.47	544.22	0.630	0.000	2.00	9.362	5.90	215.1	0.0	400.5
41.00	Bot - Section 2	1.00	1.05	33.327	36.66	543.30	0.630	0.000	1.00	4.651	2.93	107.4	0.0	199.0
42.00		1.00	1.05	33.496	36.85	542.35	0.630	0.000	1.00	4.695	2.96	109.0	0.0	399.0
44.00		1.00	1.06	33.826	37.21	540.31	0.630	0.000	2.00	9.330	5.88	218.7	0.0	792.8
46.00		1.00	1.07	34.144	37.56	538.12	0.630	0.000	2.00	9.250	5.83	218.9	0.0	786.0
48.00	Top - Section 1	1.00	1.08	34.451	37.90	535.80	0.630	0.000	2.00	9.170	5.78	218.9	0.0	779.1
50.00		1.00	1.09	34.749	38.22	540.93	0.630	0.000	2.00	9.091	5.73	218.9	0.0	388.8
52.00		1.00	1.10	35.037	38.54	538.38	0.630	0.000	2.00	9.011	5.68	218.8	0.0	385.4
54.00		1.00	1.11	35.316	38.85	535.73	0.630	0.000	2.00	8.931	5.63	218.6	0.0	382.0
56.00		1.00	1.12	35.588	39.15	532.96	0.630	0.000	2.00	8.851	5.58	218.3	0.0	378.5
58.00		1.00	1.13	35.852	39.44	530.10	0.630	0.000	2.00	8.772	5.53	217.9	0.0	375.1
60.00		1.00	1.14	36.108	39.72	527.14	0.630	0.000	2.00	8.692	5.48	217.5	0.0	371.7
62.00		1.00	1.14	36.358	39.99	524.09	0.630	0.000	2.00	8.612	5.43	217.0	0.0	368.3
64.00		1.00	1.15	36.602	40.26	520.95	0.630	0.000	2.00	8.533	5.38	216.4	0.0	364.8
66.00		1.00	1.16	36.840	40.52	517.74	0.630	0.000	2.00	8.453	5.33	215.8	0.0	361.4
68.00		1.00	1.17	37.072	40.78	514.45	0.630	0.000	2.00	8.373	5.28	215.1	0.0	358.0
70.00	Appurtenance(s)	1.00	1.17	37.299	41.03	511.09	0.630	0.000	2.00	8.294	5.23	214.4	0.0	354.5
72.00		1.00	1.18	37.521	41.27	507.66	0.630	0.000	2.00	8.214	5.17	213.6	0.0	351.1
74.00		1.00	1.19	37.738	41.51	504.16	0.630	0.000	2.00	8.134	5.12	212.7	0.0	347.7
76.00		1.00	1.19	37.951	41.75	500.60	0.630	0.000	2.00	8.055	5.07	211.8	0.0	344.2
78.00		1.00	1.20	38.159	41.97	496.98	0.630	0.000	2.00	7.975	5.02	210.9	0.0	340.8
80.00		1.00	1.21	38.363	42.20	493.30	0.630	0.000	2.00	7.895	4.97	209.9	0.0	337.4
81.00	Top - Section 2	1.00	1.21	38.463	42.31	491.44	0.630	0.000	1.00	3.918	2.47	104.4	0.0	167.4
82.00		1.00	1.21	38.563	42.42	489.57	0.630	0.000	1.00	3.898	2.46	104.2	0.0	139.0
84.00		1.00	1.22	38.759	42.63	485.78	0.630	0.000	2.00	7.736	4.87	207.8	0.0	275.8
85.00	Bot - Section 4	1.00	1.22	38.856	42.74	483.87	0.630	0.000	1.00	3.838	2.42	103.3	0.0	136.8
86.00		1.00	1.23	38.951	42.85	481.95	0.630	0.000	1.00	3.871	2.44	104.5	0.0	274.1

Wind Loading - Shaft

Structure: CT01497-S-SBA
Site Name: Plymouth 2 CT
Height: 195.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1
Topography: 1
Code: TIA-222-H
Exposure: C
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

7/13/2023

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88.00	1.00	1.23	39.140	43.05	478.06	0.630	0.000	2.00	7.682	4.84	208.4	0.0	543.9
90.00	1.00	1.24	39.326	43.26	474.13	0.630	0.000	2.00	7.603	4.79	207.2	0.0	538.2
91.00 Top - Section 3	1.00	1.24	39.418	43.36	472.14	0.630	0.000	1.00	3.771	2.38	103.0	0.0	267.0
92.00	1.00	1.24	39.508	43.46	476.89	0.630	0.000	1.00	3.752	2.36	102.7	0.0	133.7
94.00	1.00	1.25	39.688	43.66	472.88	0.630	0.000	2.00	7.443	4.69	204.7	0.0	265.3
96.00	1.00	1.25	39.864	43.85	468.83	0.630	0.000	2.00	7.364	4.64	203.4	0.0	262.4
98.00	1.00	1.26	40.037	44.04	464.73	0.630	0.000	2.00	7.284	4.59	202.1	0.0	259.6
100.00	1.00	1.27	40.208	44.23	460.60	0.630	0.000	2.00	7.204	4.54	200.7	0.0	256.7
102.00	1.00	1.27	40.376	44.41	456.43	0.630	0.000	2.00	7.125	4.49	199.3	0.0	253.8
104.00	1.00	1.28	40.541	44.60	452.22	0.630	0.000	2.00	7.045	4.44	197.9	0.0	251.0
106.00	1.00	1.28	40.704	44.77	447.97	0.630	0.000	2.00	6.965	4.39	196.5	0.0	248.1
108.00	1.00	1.29	40.865	44.95	443.69	0.630	0.000	2.00	6.886	4.34	195.0	0.0	245.3
110.00	1.00	1.29	41.023	45.13	439.37	0.630	0.000	2.00	6.806	4.29	193.5	0.0	242.4
112.00	1.00	1.30	41.179	45.30	435.02	0.630	0.000	2.00	6.726	4.24	191.9	0.0	239.5
114.00	1.00	1.30	41.333	45.47	430.64	0.630	0.000	2.00	6.646	4.19	190.4	0.0	236.7
116.00	1.00	1.31	41.484	45.63	426.23	0.630	0.000	2.00	6.567	4.14	188.8	0.0	233.8
118.00	1.00	1.31	41.634	45.80	421.78	0.630	0.000	2.00	6.487	4.09	187.2	0.0	231.0
120.00	1.00	1.32	41.781	45.96	417.30	0.630	0.000	2.00	6.407	4.04	185.5	0.0	228.1
122.00	1.00	1.32	41.927	46.12	412.80	0.630	0.000	2.00	6.328	3.99	183.9	0.0	225.2
124.00	1.00	1.32	42.071	46.28	408.27	0.630	0.000	2.00	6.248	3.94	182.2	0.0	222.4
125.00 Top - Section 4	1.00	1.33	42.142	46.36	405.99	0.630	0.000	1.00	3.094	1.95	90.4	0.0	110.1
126.00	1.00	1.33	42.213	46.43	403.71	0.630	0.000	1.00	3.074	1.94	89.9	0.0	87.7
128.00	1.00	1.33	42.353	46.59	399.12	0.630	0.000	2.00	6.089	3.84	178.7	0.0	173.6
130.00 Bot - Section 6	1.00	1.34	42.491	46.74	394.50	0.630	0.000	2.00	6.009	3.79	176.9	0.0	171.3
132.00	1.00	1.34	42.628	46.89	389.86	0.630	0.000	2.00	6.014	3.79	177.7	0.0	340.5
134.00	1.00	1.35	42.763	47.04	385.20	0.630	0.000	2.00	5.934	3.74	175.9	0.0	336.0
135.00 Top - Section 5	1.00	1.35	42.830	47.11	382.86	0.630	0.000	1.00	2.937	1.85	87.2	0.0	166.3
136.00	1.00	1.35	42.897	47.19	386.13	0.630	0.000	1.00	2.917	1.84	86.7	0.0	83.2
138.00	1.00	1.35	43.029	47.33	381.42	0.630	0.000	2.00	5.775	3.64	172.2	0.0	164.6
140.00	1.00	1.36	43.160	47.48	376.69	0.630	0.000	2.00	5.695	3.59	170.3	0.0	162.3
142.00	1.00	1.36	43.289	47.62	371.94	0.630	0.000	2.00	5.616	3.54	168.5	0.0	160.0
144.00	1.00	1.37	43.416	47.76	367.16	0.630	0.000	2.00	5.536	3.49	166.6	0.0	157.8
146.00	1.00	1.37	43.542	47.90	362.37	0.630	0.000	2.00	5.456	3.44	164.6	0.0	155.5
148.00	1.00	1.37	43.667	48.03	357.55	0.630	0.000	2.00	5.376	3.39	162.7	0.0	153.2
150.00	1.00	1.38	43.791	48.17	352.71	0.630	0.000	2.00	5.297	3.34	160.7	0.0	150.9
152.00	1.00	1.38	43.913	48.30	347.85	0.630	0.000	2.00	5.217	3.29	158.8	0.0	148.6
154.00	1.00	1.39	44.034	48.44	342.96	0.630	0.000	2.00	5.137	3.24	156.8	0.0	146.3
156.00	1.00	1.39	44.154	48.57	338.06	0.630	0.000	2.00	5.058	3.19	154.8	0.0	144.0
158.00	1.00	1.39	44.273	48.70	333.14	0.630	0.000	2.00	4.978	3.14	152.7	0.0	141.7
160.00	1.00	1.40	44.390	48.83	328.20	0.630	0.000	2.00	4.898	3.09	150.7	0.0	139.5
162.00	1.00	1.40	44.506	48.96	323.24	0.630	0.000	2.00	4.819	3.04	148.6	0.0	137.2
164.00	1.00	1.40	44.621	49.08	318.26	0.630	0.000	2.00	4.739	2.99	146.5	0.0	134.9
165.00 Appurtenance(s)	1.00	1.41	44.679	49.15	315.76	0.630	0.000	1.00	2.340	1.47	72.4	0.0	66.6
166.00	1.00	1.41	44.735	49.21	313.26	0.630	0.000	1.00	2.320	1.46	71.9	0.0	66.0
168.00	1.00	1.41	44.848	49.33	308.25	0.630	0.000	2.00	4.580	2.89	142.3	0.0	130.3
170.00	1.00	1.42	44.960	49.46	303.21	0.630	0.000	2.00	4.500	2.83	140.2	0.0	128.0
172.00	1.00	1.42	45.071	49.58	298.16	0.630	0.000	2.00	4.420	2.78	138.1	0.0	125.7
174.00	1.00	1.42	45.181	49.70	293.10	0.630	0.000	2.00	4.341	2.73	135.9	0.0	123.4
175.00 Appurtenance(s)	1.00	1.42	45.235	49.76	290.56	0.630	0.000	1.00	2.140	1.35	67.1	0.0	60.9
176.00	1.00	1.43	45.290	49.82	288.01	0.630	0.000	1.00	2.120	1.34	66.6	0.0	60.3
178.00	1.00	1.43	45.398	49.94	282.91	0.630	0.000	2.00	4.181	2.63	131.5	0.0	118.9
180.00 Top - Section 6	1.00	1.43	45.504	50.05	277.79	0.630	0.000	2.00	4.102	2.58	129.3	0.0	116.6
182.00	1.00	1.44	45.610	50.17	273.89	0.450	0.000	2.00	4.000	1.80	90.3	0.0	128.3
184.00	1.00	1.44	45.716	50.29	274.21	0.450	0.000	2.00	4.000	1.80	90.5	0.0	128.3
186.00	1.00	1.44	45.820	50.40	274.52	0.450	0.000	2.00	4.000	1.80	90.7	0.0	128.3
188.00	1.00	1.45	45.923	50.52	274.83	0.450	0.000	2.00	4.000	1.80	90.9	0.0	128.3
190.00	1.00	1.45	46.025	50.63	275.14	0.450	0.000	2.00	4.000	1.80	91.1	0.0	128.3

Wind Loading - Shaft

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 22	

Tower Engineering Solutions

192.00		1.00	1.45	46.127	50.74	275.44	0.450	0.000	2.00	4.000	1.80	91.3	0.0	128.3
194.00		1.00	1.46	46.228	50.85	275.74	0.450	0.000	2.00	4.000	1.80	91.5	0.0	128.3
195.00	Appurtenance(s)	1.00	1.46	46.278	50.91	275.89	0.450	0.000	1.00	2.000	0.90	45.8	0.0	64.1
								Totals:	**195.00**			**17,842.7**		**29,329.5**

Discrete Appurtenance Forces

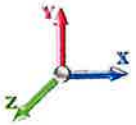
Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 23	

Tower Engineering Solutions

Load Case: 0.9D + 1.0W 116 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 31

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	195.00	800 MHz RRH	3	46.328	50.960	0.60	0.90	4.50	143.10	0.000	1.000	229.55	0.00	229.55
2	195.00	APXVSPP18-C-A20	3	46.328	50.960	0.75	0.90	17.97	153.90	0.000	1.000	915.90	0.00	915.90
3	195.00	APXVTM14-C-I20	3	46.328	50.960	0.69	0.90	13.18	151.74	0.000	1.000	671.70	0.00	671.70
4	195.00	1900MHz RRH (65MHz)	3	46.328	50.960	0.60	0.90	5.01	162.00	0.000	1.000	255.36	0.00	255.36
5	195.00	T-Arms w/ Working	3	46.278	50.906	0.56	0.75	27.00	1350.00	0.000	0.000	1374.45	0.00	0.00
6	195.00	TD-RRH8x20-25	3	46.328	50.960	0.60	0.90	7.33	189.00	0.000	1.000	373.36	0.00	373.36
7	195.00	ALU 800MHz External	3	46.328	50.960	0.60	0.90	1.41	23.76	0.000	1.000	71.91	0.00	71.91
8	195.00	ACU-A20-N	4	46.328	50.960	0.60	0.90	0.34	3.60	0.000	1.000	17.21	0.00	17.21
9	175.00	(3) T-Arm Kit	1	45.235	49.759	0.56	0.75	9.00	450.00	0.000	0.000	447.83	0.00	0.00
10	175.00	FE15501P77/75	6	45.235	49.759	0.54	0.80	2.28	94.50	0.000	0.000	113.62	0.00	0.00
11	175.00	4449 B71 + B85	3	45.235	49.759	0.54	0.80	3.17	202.50	0.000	0.000	157.62	0.00	0.00
12	175.00	KRY 112 489/2	3	45.235	49.759	0.54	0.80	1.05	41.58	0.000	0.000	52.01	0.00	0.00
13	175.00	KRY 112 144/1	3	45.235	49.759	0.54	0.80	0.66	29.70	0.000	0.000	32.81	0.00	0.00
14	175.00	APXVAALL24_43-U-NA20	3	45.235	49.759	0.56	0.80	34.00	331.56	0.000	0.000	1691.96	0.00	0.00
15	175.00	4460 B25 + B66	3	45.235	49.759	0.54	0.80	4.58	280.80	0.000	0.000	228.04	0.00	0.00
16	175.00	AIR6419 B41	3	45.235	49.759	0.61	0.80	6.93	224.91	0.000	0.000	344.89	0.00	0.00
17	175.00	T-Arms w/ Working	3	45.235	49.759	0.56	0.75	27.00	1350.00	0.000	0.000	1343.49	0.00	0.00
18	165.00	MT6407-77A	3	44.679	49.146	0.56	0.80	7.88	214.38	0.000	0.000	387.23	0.00	0.00
19	165.00	Low Profile Platform	1	44.679	49.146	1.00	1.00	22.00	1350.00	0.000	0.000	1081.22	0.00	0.00
20	165.00	BSF0020F3V1-1	2	44.679	49.146	0.64	0.80	1.52	31.68	0.000	0.000	74.86	0.00	0.00
21	165.00	MX06FRO660-03	6	44.679	49.146	0.70	0.80	41.69	324.00	0.000	0.000	2048.96	0.00	0.00
22	165.00	Samsung B5/B13	3	44.679	49.146	0.54	0.80	3.02	189.81	0.000	0.000	148.57	0.00	0.00
23	165.00	Samsung B2/B66A	3	44.679	49.146	0.54	0.80	3.02	227.88	0.000	0.000	148.57	0.00	0.00
24	165.00	Raycap	1	44.679	49.146	0.80	0.80	3.03	28.80	0.000	0.000	149.01	0.00	0.00
25	165.00	91900314	1	44.679	49.146	1.00	1.00	0.00	22.82	0.000	0.000	0.00	0.00	0.00
26	70.00	Side Arm (L. Heavy)	1	37.299	41.029	1.00	1.00	3.50	108.00	0.000	0.000	143.60	0.00	0.00
27	70.00	407577689 Gps	1	37.299	41.029	0.50	1.00	0.46	3.60	0.000	0.000	18.67	0.00	0.00
							Totals:		**7,683.62**			**12,522.39**		

Total Applied Force Summary

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 24	

Tower Engineering Solutions

Load Case: 0.9D + 1.0W 116 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00

Iterations 31

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
2.00		203.53	504.64	0.00	0.00
4.00		202.04	501.20	0.00	0.00
6.00		200.55	497.77	0.00	0.00
8.00		199.06	494.34	0.00	0.00
10.00		197.57	490.91	0.00	0.00
12.00		196.08	487.47	0.00	0.00
14.00		194.58	484.04	0.00	0.00
16.00		195.48	480.61	0.00	0.00
18.00		198.84	477.18	0.00	0.00
20.00		201.72	473.74	0.00	0.00
22.00		204.19	470.31	0.00	0.00
24.00		206.32	466.88	0.00	0.00
26.00		208.15	463.45	0.00	0.00
28.00		209.73	460.02	0.00	0.00
30.00		211.07	456.58	0.00	0.00
32.00		212.21	453.15	0.00	0.00
34.00		213.17	449.72	0.00	0.00
36.00		213.96	446.29	0.00	0.00
38.00		214.60	442.85	0.00	0.00
40.00		215.10	439.42	0.00	0.00
41.00		107.42	218.42	0.00	0.00
42.00		108.98	418.42	0.00	0.00
44.00		218.70	831.70	0.00	0.00
46.00		218.87	824.84	0.00	0.00
48.00		218.94	817.97	0.00	0.00
50.00		218.91	427.73	0.00	0.00
52.00		218.79	424.29	0.00	0.00
54.00		218.58	420.86	0.00	0.00
56.00		218.30	417.43	0.00	0.00
58.00		217.94	414.00	0.00	0.00
60.00		217.50	410.56	0.00	0.00
62.00		217.00	407.13	0.00	0.00
64.00		216.44	403.70	0.00	0.00
66.00		215.81	400.27	0.00	0.00
68.00		215.12	396.84	0.00	0.00
70.00	(2) attachments	376.65	505.00	0.00	0.00
72.00		213.58	389.68	0.00	0.00
74.00		212.73	386.25	0.00	0.00
76.00		211.84	382.82	0.00	0.00
78.00		210.89	379.39	0.00	0.00
80.00		209.90	375.95	0.00	0.00
81.00		104.43	186.69	0.00	0.00
82.00		104.17	158.27	0.00	0.00
84.00		207.79	314.39	0.00	0.00
85.00		103.35	156.12	0.00	0.00
86.00		104.49	293.41	0.00	0.00

Total Applied Force Summary

Structure:	CT01497-S-SBA		**Code:**	TIA-222-H	7/13/2023
Site Name:	Plymouth 2 CT		**Exposure:**	C	
Height:	195.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 25

Tower Engineering Solutions

88.00		208.38	582.53	0.00	0.00
90.00		207.19	576.81	0.00	0.00
91.00		103.02	286.26	0.00	0.00
92.00		102.71	153.01	0.00	0.00
94.00		204.72	303.88	0.00	0.00
96.00		203.42	301.02	0.00	0.00
98.00		202.10	298.16	0.00	0.00
100.00		200.74	295.30	0.00	0.00
102.00		199.35	292.44	0.00	0.00
104.00		197.93	289.58	0.00	0.00
106.00		196.47	286.72	0.00	0.00
108.00		194.99	283.86	0.00	0.00
110.00		193.48	281.00	0.00	0.00
112.00		191.94	278.14	0.00	0.00
114.00		190.38	275.28	0.00	0.00
116.00		188.79	272.42	0.00	0.00
118.00		187.17	269.56	0.00	0.00
120.00		185.52	266.70	0.00	0.00
122.00		183.85	263.84	0.00	0.00
124.00		182.16	260.98	0.00	0.00
125.00		90.36	129.42	0.00	0.00
126.00		89.93	106.97	0.00	0.00
128.00		178.71	212.23	0.00	0.00
130.00		176.94	209.94	0.00	0.00
132.00		177.66	379.14	0.00	0.00
134.00		175.86	374.56	0.00	0.00
135.00		87.18	185.56	0.00	0.00
136.00		86.72	102.47	0.00	0.00
138.00		172.20	203.21	0.00	0.00
140.00		170.34	200.93	0.00	0.00
142.00		168.46	198.64	0.00	0.00
144.00		166.56	196.35	0.00	0.00
146.00		164.64	194.06	0.00	0.00
148.00		162.70	191.77	0.00	0.00
150.00		160.74	189.49	0.00	0.00
152.00		158.77	187.20	0.00	0.00
154.00		156.77	184.91	0.00	0.00
156.00		154.76	182.62	0.00	0.00
158.00		152.73	180.33	0.00	0.00
160.00		150.69	178.04	0.00	0.00
162.00		148.62	175.76	0.00	0.00
164.00		146.54	173.47	0.00	0.00
165.00	(20) attachments	4110.86	2475.24	0.00	0.00
166.00		71.91	78.70	0.00	0.00
168.00		142.33	155.68	0.00	0.00
170.00		140.21	153.39	0.00	0.00
172.00		138.06	151.10	0.00	0.00
174.00		135.91	148.81	0.00	0.00
175.00	(28) attachments	4479.36	3079.10	0.00	0.00
176.00		66.55	62.66	0.00	0.00
178.00		131.54	123.61	0.00	0.00
180.00		129.34	121.32	0.00	0.00
182.00		90.31	133.00	0.00	0.00
184.00		90.52	133.00	0.00	0.00
186.00		90.72	133.00	0.00	0.00
188.00		90.93	133.00	0.00	0.00
190.00		91.13	133.00	0.00	0.00

Total Applied Force Summary

Structure:	CT01497-S-SBA		**Code:**	TIA-222-H	7/13/2023
Site Name:	Plymouth 2 CT		**Exposure:**	C	
Height:	195.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 26

Tower Engineering Solutions

192.00		91.33	133.00	0.00	0.00
194.00		91.53	133.00	0.00	0.00
195.00	(25) attachments	3955.25	2243.60	0.00	2534.98
	Totals:	**30,365.09**	**40,381.45**	**0.00**	**2,534.98**

Calculated Forces

Structure: CT01497-S-SBA
Site Name: Plymouth 2 CT
Height: 195.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

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

7/13/2023

Tower Engineering Solutions

Load Case: 0.9D + 1.0W 116 mph Wind
Dead Load Factor 0.90
Wind Load Factor 1.00

Iterations 31

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	-40.37	-30.38	0.00	-3946.0	0.00	3946.01	4628.91	1339.45	7126.38	6119.66	0.00	0.000	0.000	0.654
2.00	-39.83	-30.22	0.00	-3885.2	0.00	3885.25	4612.68	1329.62	7022.11	6053.16	0.01	-0.056	0.000	0.651
4.00	-39.30	-30.06	0.00	-3824.8	0.00	3824.81	4596.18	1319.78	6918.62	5986.64	0.05	-0.113	0.000	0.648
6.00	-38.77	-29.89	0.00	-3764.7	0.00	3764.70	4579.43	1309.95	6815.89	5920.10	0.11	-0.170	0.000	0.645
8.00	-38.25	-29.73	0.00	-3704.9	0.00	3704.91	4562.40	1300.11	6713.93	5853.55	0.19	-0.227	0.000	0.642
10.00	-37.73	-29.57	0.00	-3645.4	0.00	3645.46	4545.12	1290.28	6612.74	5787.00	0.30	-0.285	0.000	0.639
12.00	-37.21	-29.41	0.00	-3586.3	0.00	3586.32	4527.57	1280.44	6512.31	5720.46	0.43	-0.343	0.000	0.636
14.00	-36.70	-29.25	0.00	-3527.5	0.00	3527.51	4509.77	1270.61	6412.66	5653.92	0.59	-0.401	0.000	0.633
16.00	-36.19	-29.09	0.00	-3469.0	0.00	3469.01	4491.69	1260.77	6313.77	5587.41	0.77	-0.460	0.000	0.629
18.00	-35.69	-28.92	0.00	-3410.8	0.00	3410.84	4473.36	1250.94	6215.65	5520.93	0.98	-0.519	0.000	0.626
20.00	-35.19	-28.75	0.00	-3353.0	0.00	3353.00	4454.76	1241.10	6118.30	5454.49	1.21	-0.579	0.000	0.623
22.00	-34.69	-28.58	0.00	-3295.5	0.00	3295.51	4435.90	1231.27	6021.72	5388.08	1.46	-0.639	0.000	0.620
24.00	-34.19	-28.40	0.00	-3238.3	0.00	3238.35	4416.78	1221.43	5925.90	5321.73	1.74	-0.699	0.000	0.617
26.00	-33.70	-28.22	0.00	-3181.5	0.00	3181.55	4397.40	1211.60	5830.86	5255.44	2.05	-0.760	0.000	0.614
28.00	-33.21	-28.04	0.00	-3125.1	0.00	3125.10	4377.75	1201.76	5736.58	5189.22	2.38	-0.821	0.000	0.610
30.00	-32.73	-27.86	0.00	-3069.0	0.00	3069.02	4357.84	1191.93	5643.07	5123.07	2.74	-0.882	0.000	0.607
32.00	-32.25	-27.68	0.00	-3013.3	0.00	3013.30	4337.67	1182.09	5550.33	5057.01	3.12	-0.944	0.000	0.604
34.00	-31.78	-27.49	0.00	-2957.9	0.00	2957.95	4317.23	1172.26	5458.36	4991.03	3.53	-1.007	0.000	0.601
36.00	-31.30	-27.30	0.00	-2902.9	0.00	2902.97	4296.53	1162.42	5367.16	4925.16	3.97	-1.069	0.000	0.597
38.00	-30.83	-27.11	0.00	-2848.3	0.00	2848.37	4275.57	1152.59	5276.73	4859.38	4.43	-1.133	0.000	0.594
40.00	-30.38	-26.91	0.00	-2794.1	0.00	2794.14	4254.35	1142.76	5187.06	4793.73	4.92	-1.196	0.000	0.591
41.00	-30.15	-26.82	0.00	-2767.2	0.00	2767.23	4243.64	1137.84	5142.51	4760.94	5.17	-1.228	0.000	0.589
42.00	-29.71	-26.73	0.00	-2740.4	0.00	2740.41	4232.86	1132.92	5098.16	4728.19	5.43	-1.261	0.000	0.587
44.00	-28.85	-26.52	0.00	-2686.9	0.00	2686.96	4211.11	1123.09	5010.03	4662.78	5.97	-1.325	0.000	0.584
46.00	-28.00	-26.32	0.00	-2633.9	0.00	2633.91	4189.10	1113.25	4922.67	4597.51	6.54	-1.390	0.000	0.580
48.00	-27.16	-26.11	0.00	-2581.2	0.00	2581.28	4202.19	1119.08	4974.38	4636.19	7.14	-1.455	0.000	0.564
50.00	-26.71	-25.91	0.00	-2529.0	0.00	2529.07	4180.07	1109.25	4887.33	4570.98	7.76	-1.520	0.000	0.560
52.00	-26.26	-25.71	0.00	-2477.2	0.00	2477.26	4157.69	1099.41	4801.05	4505.91	8.41	-1.584	0.000	0.557
54.00	-25.82	-25.50	0.00	-2425.8	0.00	2425.85	4135.04	1089.58	4715.54	4441.00	9.09	-1.647	0.000	0.553
56.00	-25.38	-25.30	0.00	-2374.8	0.00	2374.84	4112.14	1079.74	4630.79	4376.25	9.80	-1.711	0.000	0.549
58.00	-24.94	-25.10	0.00	-2324.2	0.00	2324.23	4088.97	1069.91	4546.82	4311.67	10.53	-1.776	0.000	0.546
60.00	-24.51	-24.90	0.00	-2274.0	0.00	2274.04	4065.54	1060.07	4463.61	4247.27	11.28	-1.840	0.000	0.542
62.00	-24.09	-24.69	0.00	-2224.2	0.00	2224.24	4041.84	1050.24	4381.17	4183.06	12.07	-1.905	0.000	0.538
64.00	-23.66	-24.49	0.00	-2174.8	0.00	2174.85	4017.89	1040.40	4299.50	4119.03	12.88	-1.971	0.000	0.534
66.00	-23.24	-24.29	0.00	-2125.8	0.00	2125.87	3993.67	1030.57	4218.60	4055.21	13.72	-2.037	0.000	0.531
68.00	-22.82	-24.09	0.00	-2077.2	0.00	2077.29	3969.18	1020.73	4138.47	3991.60	14.59	-2.103	0.000	0.527
70.00	-22.31	-23.72	0.00	-2029.1	0.00	2029.12	3944.44	1010.90	4059.10	3928.21	15.48	-2.170	0.000	0.523
72.00	-21.90	-23.51	0.00	-1981.6	0.00	1981.69	3919.43	1001.06	3980.51	3865.04	16.41	-2.237	0.000	0.519
74.00	-21.49	-23.31	0.00	-1934.6	0.00	1934.66	3894.16	991.23	3902.68	3802.10	17.36	-2.304	0.000	0.515
76.00	-21.09	-23.11	0.00	-1888.0	0.00	1888.04	3868.63	981.39	3825.62	3739.40	18.34	-2.372	0.000	0.511
78.00	-20.69	-22.91	0.00	-1841.8	0.00	1841.82	3842.83	971.56	3749.33	3676.95	19.35	-2.440	0.000	0.507
80.00	-20.31	-22.70	0.00	-1796.0	0.00	1796.01	3816.78	961.72	3673.81	3614.75	20.38	-2.508	0.000	0.503
81.00	-20.11	-22.60	0.00	-1773.3	0.00	1773.31	3803.65	956.81	3636.33	3583.75	20.91	-2.543	0.000	0.501
81.00	-20.11	-22.60	0.00	-1773.3	0.00	1773.31	2964.89	798.43	3038.55	2801.11	20.91	-2.543	0.000	0.641
82.00	-19.93	-22.51	0.00	-1750.7	0.00	1750.71	2956.04	794.33	3007.44	2778.31	21.45	-2.577	0.000	0.638
84.00	-19.61	-22.31	0.00	-1705.6	0.00	1705.69	2938.13	786.13	2945.70	2732.80	22.55	-2.660	0.000	0.632
85.00	-19.44	-22.21	0.00	-1683.3	0.00	1683.38	2929.08	782.04	2915.07	2710.08	23.11	-2.702	0.000	0.629
86.00	-19.13	-22.11	0.00	-1661.1	0.00	1661.17	2919.97	777.94	2884.60	2687.40	23.68	-2.743	0.000	0.625

Calculated Forces

Structure: CT01497-S-SBA
Site Name: Plymouth 2 CT
Height: 195.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

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

7/13/2023

TES Tower Engineering Solutions

88.00	-18.52	-21.90	0.00	-1616.9	0.00	1616.94	2901.54	769.74	2824.14	2642.11	24.85	-2.827	0.000	0.619
90.00	-17.93	-21.69	0.00	-1573.1	0.00	1573.14	2882.85	761.55	2764.32	2596.94	26.05	-2.911	0.000	0.613
91.00	-17.64	-21.58	0.00	-1551.4	0.00	1551.45	2898.33	768.33	2813.78	2634.30	26.66	-2.953	0.000	0.596
92.00	-17.47	-21.49	0.00	-1529.8	0.00	1529.86	2889.00	764.23	2783.84	2611.72	27.28	-2.995	0.000	0.593
94.00	-17.14	-21.30	0.00	-1486.8	0.00	1486.88	2870.13	756.03	2724.45	2566.64	28.56	-3.076	0.000	0.586
96.00	-16.82	-21.10	0.00	-1444.2	0.00	1444.29	2851.00	747.84	2665.70	2521.69	29.86	-3.158	0.000	0.579
98.00	-16.51	-20.91	0.00	-1402.0	0.00	1402.09	2831.61	739.64	2607.60	2476.90	31.20	-3.239	0.000	0.573
100.00	-16.19	-20.71	0.00	-1360.2	0.00	1360.27	2811.95	731.45	2550.13	2432.25	32.58	-3.321	0.000	0.566
102.00	-15.88	-20.52	0.00	-1318.8	0.00	1318.85	2792.03	723.25	2493.30	2387.76	33.98	-3.403	0.000	0.559
104.00	-15.58	-20.33	0.00	-1277.8	0.00	1277.81	2771.85	715.06	2437.12	2343.44	35.43	-3.485	0.000	0.552
106.00	-15.28	-20.13	0.00	-1237.1	0.00	1237.16	2751.41	706.86	2381.57	2299.29	36.90	-3.567	0.000	0.544
108.00	-14.98	-19.94	0.00	-1196.9	0.00	1196.90	2730.70	698.66	2326.66	2255.33	38.42	-3.650	0.000	0.537
110.00	-14.68	-19.75	0.00	-1157.0	0.00	1157.01	2709.73	690.47	2272.40	2211.55	39.96	-3.732	0.000	0.529
112.00	-14.39	-19.56	0.00	-1117.5	0.00	1117.50	2688.50	682.27	2218.77	2167.98	41.54	-3.815	0.000	0.522
114.00	-14.10	-19.38	0.00	-1078.3	0.00	1078.38	2667.01	674.08	2165.79	2124.61	43.16	-3.898	0.000	0.514
116.00	-13.81	-19.19	0.00	-1039.6	0.00	1039.62	2645.25	665.88	2113.44	2081.45	44.81	-3.981	0.000	0.506
118.00	-13.53	-19.00	0.00	-1001.2	0.00	1001.25	2623.23	657.69	2061.74	2038.51	46.49	-4.064	0.000	0.497
120.00	-13.25	-18.82	0.00	-963.24	0.00	963.24	2600.95	649.49	2010.67	1995.80	48.21	-4.146	0.000	0.489
122.00	-12.97	-18.63	0.00	-925.60	0.00	925.60	2578.41	641.29	1960.25	1953.33	49.96	-4.229	0.000	0.480
124.00	-12.70	-18.45	0.00	-888.34	0.00	888.34	2555.60	633.10	1910.47	1911.10	51.75	-4.311	0.000	0.471
125.00	-12.57	-18.36	0.00	-869.89	0.00	869.89	2544.10	629.00	1885.82	1890.08	52.66	-4.353	0.000	0.466
125.00	-12.57	-18.36	0.00	-869.89	0.00	869.89	1882.48	504.07	1513.88	1403.39	52.66	-4.353	0.000	0.628
126.00	-12.45	-18.27	0.00	-851.53	0.00	851.53	1875.26	500.79	1494.25	1388.85	53.57	-4.394	0.000	0.621
128.00	-12.22	-18.10	0.00	-814.99	0.00	814.99	1860.60	494.24	1455.38	1359.83	55.44	-4.496	0.000	0.607
130.00	-11.99	-17.93	0.00	-778.78	0.00	778.78	1845.69	487.68	1417.02	1330.91	57.34	-4.597	0.000	0.593
132.00	-11.59	-17.74	0.00	-742.93	0.00	742.93	1830.51	481.12	1379.17	1302.09	59.28	-4.697	0.000	0.578
134.00	-11.21	-17.55	0.00	-707.44	0.00	707.44	1815.07	474.57	1341.84	1273.39	61.27	-4.797	0.000	0.563
135.00	-11.02	-17.46	0.00	-689.89	0.00	689.89	1823.78	478.25	1362.76	1289.51	62.28	-4.847	0.000	0.542
136.00	-10.90	-17.38	0.00	-672.44	0.00	672.44	1816.04	474.97	1344.14	1275.17	63.30	-4.897	0.000	0.535
138.00	-10.69	-17.20	0.00	-637.69	0.00	637.69	1800.35	468.42	1307.29	1246.57	65.37	-4.991	0.000	0.519
140.00	-10.48	-17.03	0.00	-603.28	0.00	603.28	1784.40	461.86	1270.94	1218.11	67.48	-5.083	0.000	0.502
142.00	-10.27	-16.86	0.00	-569.21	0.00	569.21	1768.19	455.30	1235.12	1189.78	69.63	-5.175	0.000	0.486
144.00	-10.06	-16.70	0.00	-535.48	0.00	535.48	1751.71	448.75	1199.80	1161.59	71.81	-5.264	0.000	0.468
146.00	-9.86	-16.53	0.00	-502.09	0.00	502.09	1734.98	442.19	1165.00	1133.55	74.03	-5.352	0.000	0.450
148.00	-9.66	-16.36	0.00	-469.03	0.00	469.03	1717.98	435.63	1130.70	1105.67	76.29	-5.438	0.000	0.431
150.00	-9.46	-16.20	0.00	-436.30	0.00	436.30	1700.71	429.08	1096.92	1077.96	78.58	-5.522	0.000	0.412
152.00	-9.27	-16.04	0.00	-403.91	0.00	403.91	1683.19	422.52	1063.66	1050.42	80.91	-5.604	0.000	0.391
154.00	-9.08	-15.87	0.00	-371.83	0.00	371.83	1665.40	415.96	1030.90	1023.06	83.27	-5.683	0.000	0.370
156.00	-8.89	-15.71	0.00	-340.09	0.00	340.09	1647.35	409.41	998.66	995.89	85.67	-5.759	0.000	0.348
158.00	-8.71	-15.55	0.00	-308.66	0.00	308.66	1629.04	402.85	966.93	968.91	88.09	-5.831	0.000	0.325
160.00	-8.53	-15.40	0.00	-277.55	0.00	277.55	1610.46	396.29	935.71	942.14	90.54	-5.900	0.000	0.301
162.00	-8.35	-15.24	0.00	-246.76	0.00	246.76	1591.62	389.74	905.01	915.58	93.03	-5.964	0.000	0.276
164.00	-8.18	-15.08	0.00	-216.28	0.00	216.28	1572.52	383.18	874.81	889.24	95.53	-6.024	0.000	0.250
165.00	-6.15	-10.74	0.00	-201.20	0.00	201.20	1562.88	379.90	859.91	876.15	96.80	-6.053	0.000	0.234
166.00	-6.07	-10.66	0.00	-190.46	0.00	190.46	1553.16	376.62	845.13	863.13	98.07	-6.080	0.000	0.225
168.00	-5.92	-10.51	0.00	-169.14	0.00	169.14	1533.53	370.07	815.96	837.25	100.62	-6.132	0.000	0.207
170.00	-5.78	-10.36	0.00	-148.13	0.00	148.13	1513.65	363.51	787.30	811.61	103.19	-6.180	0.000	0.187
172.00	-5.63	-10.21	0.00	-127.41	0.00	127.41	1493.49	356.96	759.16	786.22	105.79	-6.223	0.000	0.167
174.00	-5.49	-10.06	0.00	-107.00	0.00	107.00	1473.08	350.40	731.53	761.10	108.40	-6.263	0.000	0.145
175.00	-2.92	-5.27	0.00	-96.94	0.00	96.94	1462.77	347.12	717.90	748.63	109.71	-6.281	0.000	0.132
176.00	-2.86	-5.20	0.00	-91.67	0.00	91.67	1452.40	343.84	704.41	736.23	111.02	-6.298	0.000	0.127
178.00	-2.75	-5.06	0.00	-81.27	0.00	81.27	1427.84	337.29	677.80	709.84	113.67	-6.331	0.000	0.117
180.00	-2.64	-4.92	0.00	-71.16	0.00	71.16	1400.09	330.73	651.70	682.38	116.32	-6.361	0.000	0.106
180.00	-2.64	-4.92	0.00	-71.16	0.00	71.16	678.42	203.53	25205.7	396.30	116.32	-6.361	0.000	0.184
182.00	-2.52	-4.81	0.00	-61.33	0.00	61.33	678.42	203.53	25205.7	396.30	118.98	-6.390	0.000	0.159
184.00	-2.40	-4.71	0.00	-51.71	0.00	51.71	678.42	203.53	25205.7	396.30	121.66	-6.411	0.000	0.135
186.00	-2.27	-4.60	0.00	-42.29	0.00	42.29	678.42	203.53	25205.7	396.30	124.34	-6.430	0.000	0.111

Calculated Forces

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H
Site Name:	Plymouth 2 CT	**Exposure:**	C
Height:	195.00 (ft)	**Crest Height:**	0.00
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil
Gh:	1.1 **Topography:** 1	**Struct Class:**	II

7/13/2023

Tower Engineering Solutions

188.00	-2.15	-4.50	0.00	-33.08	0.00	33.08	678.42	203.53	25205.7	396.30	127.04	-6.444	0.000	0.087
190.00	-2.03	-4.39	0.00	-24.08	0.00	24.08	678.42	203.53	25205.7	396.30	129.73	-6.455	0.000	0.064
192.00	-1.91	-4.29	0.00	-15.29	0.00	15.29	678.42	203.53	25205.7	396.30	132.43	-6.463	0.000	0.042
194.00	-1.78	-4.18	0.00	-6.72	0.00	6.72	678.42	203.53	25205.7	396.30	135.13	-6.467	0.000	0.020
195.00	0.00	-3.96	0.00	-2.53	0.00	2.53	678.42	203.53	25205.7	396.30	136.49	-6.468	0.000	0.007

Wind Loading - Shaft

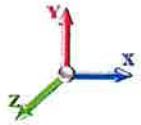
Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 30	

Tower Engineering Solutions

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

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 30

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	5.017	5.52	0.00	1.200	0.000	0.00	0.000	0.00	0.0	0.0	0.0
2.00		1.00	0.85	5.017	5.52	0.00	1.200	0.756	2.00	11.128	13.35	73.7	121.4	742.4
4.00		1.00	0.85	5.017	5.52	0.00	1.200	0.810	2.00	11.066	13.28	73.3	129.3	745.7
6.00		1.00	0.85	5.017	5.52	0.00	1.200	0.843	2.00	10.998	13.20	72.8	133.7	745.6
8.00		1.00	0.85	5.017	5.52	0.00	1.200	0.868	2.00	10.926	13.11	72.4	136.7	744.0
10.00		1.00	0.85	5.017	5.52	0.00	1.200	0.887	2.00	10.853	13.02	71.9	138.8	741.5
12.00		1.00	0.85	5.017	5.52	0.00	1.200	0.904	2.00	10.779	12.93	71.4	140.3	738.4
14.00		1.00	0.85	5.017	5.52	0.00	1.200	0.918	2.00	10.704	12.84	70.9	141.4	735.0
16.00		1.00	0.86	5.079	5.59	0.00	1.200	0.930	2.00	10.628	12.75	71.3	142.3	731.3
18.00		1.00	0.88	5.207	5.73	0.00	1.200	0.941	2.00	10.552	12.66	72.5	142.9	727.3
20.00		1.00	0.90	5.323	5.86	0.00	1.200	0.951	2.00	10.476	12.57	73.6	143.3	723.1
22.00		1.00	0.92	5.431	5.97	0.00	1.200	0.960	2.00	10.399	12.48	74.6	143.6	718.8
24.00		1.00	0.94	5.532	6.08	0.00	1.200	0.969	2.00	10.322	12.39	75.4	143.7	714.4
26.00		1.00	0.95	5.626	6.19	0.00	1.200	0.976	2.00	10.245	12.29	76.1	143.8	709.9
28.00		1.00	0.97	5.714	6.29	0.00	1.200	0.984	2.00	10.168	12.20	76.7	143.7	705.2
30.00		1.00	0.98	5.798	6.38	0.00	1.200	0.991	2.00	10.091	12.11	77.2	143.6	700.5
32.00		1.00	1.00	5.877	6.46	0.00	1.200	0.997	2.00	10.013	12.02	77.7	143.3	695.7
34.00		1.00	1.01	5.953	6.55	0.00	1.200	1.003	2.00	9.935	11.92	78.1	143.1	690.8
36.00		1.00	1.02	6.025	6.63	0.00	1.200	1.009	2.00	9.858	11.83	78.4	142.7	685.9
38.00		1.00	1.03	6.094	6.70	0.00	1.200	1.014	2.00	9.780	11.74	78.7	142.3	680.9
40.00		1.00	1.04	6.160	6.78	0.00	1.200	1.019	2.00	9.702	11.64	78.9	141.9	675.9
41.00	Bot - Section 2	1.00	1.05	6.192	6.81	0.00	1.200	1.022	1.00	4.821	5.79	39.4	70.8	336.1
42.00		1.00	1.05	6.223	6.85	0.00	1.200	1.024	1.00	4.865	5.84	40.0	71.6	603.6
44.00		1.00	1.06	6.285	6.91	0.00	1.200	1.029	2.00	9.673	11.61	80.2	142.8	1199.9
46.00		1.00	1.07	6.344	6.98	0.00	1.200	1.034	2.00	9.594	11.51	80.3	142.2	1190.1
48.00	Top - Section 1	1.00	1.08	6.401	7.04	0.00	1.200	1.038	2.00	9.516	11.42	80.4	141.6	1180.4
50.00		1.00	1.09	6.456	7.10	0.00	1.200	1.042	2.00	9.438	11.33	80.4	141.0	659.4
52.00		1.00	1.10	6.510	7.16	0.00	1.200	1.047	2.00	9.360	11.23	80.4	140.3	654.2
54.00		1.00	1.11	6.561	7.22	0.00	1.200	1.050	2.00	9.281	11.14	80.4	139.6	648.9
56.00		1.00	1.12	6.612	7.27	0.00	1.200	1.054	2.00	9.203	11.04	80.3	138.9	643.6
58.00		1.00	1.13	6.661	7.33	0.00	1.200	1.058	2.00	9.124	10.95	80.2	138.2	638.3
60.00		1.00	1.14	6.709	7.38	0.00	1.200	1.062	2.00	9.046	10.86	80.1	137.4	633.0
62.00		1.00	1.14	6.755	7.43	0.00	1.200	1.065	2.00	8.967	10.76	80.0	136.6	627.6
64.00		1.00	1.15	6.800	7.48	0.00	1.200	1.068	2.00	8.889	10.67	79.8	135.8	622.3
66.00		1.00	1.16	6.845	7.53	0.00	1.200	1.072	2.00	8.810	10.57	79.6	135.0	616.9
68.00		1.00	1.17	6.888	7.58	0.00	1.200	1.075	2.00	8.732	10.48	79.4	134.2	611.4
70.00	Appurtenance(s)	1.00	1.17	6.930	7.62	0.00	1.200	1.078	2.00	8.653	10.38	79.2	133.3	606.0
72.00		1.00	1.18	6.971	7.67	0.00	1.200	1.081	2.00	8.574	10.29	78.9	132.4	600.5
74.00		1.00	1.19	7.011	7.71	0.00	1.200	1.084	2.00	8.496	10.19	78.6	131.5	595.1
76.00		1.00	1.19	7.051	7.76	0.00	1.200	1.087	2.00	8.417	10.10	78.3	130.6	589.6
78.00		1.00	1.20	7.090	7.80	0.00	1.200	1.090	2.00	8.338	10.01	78.0	129.7	584.1
80.00		1.00	1.21	7.127	7.84	0.00	1.200	1.093	2.00	8.259	9.91	77.7	128.7	578.6
81.00	Top - Section 2	1.00	1.21	7.146	7.86	0.00	1.200	1.094	1.00	4.100	4.92	38.7	64.1	287.3
82.00		1.00	1.21	7.165	7.88	0.00	1.200	1.095	1.00	4.080	4.90	38.6	63.9	249.2
84.00		1.00	1.22	7.201	7.92	0.00	1.200	1.098	2.00	8.102	9.72	77.0	126.8	494.6
85.00	Bot - Section 4	1.00	1.22	7.219	7.94	0.00	1.200	1.099	1.00	4.021	4.83	38.3	63.2	245.6
86.00		1.00	1.23	7.237	7.96	0.00	1.200	1.101	1.00	4.054	4.87	38.7	63.8	429.3

Wind Loading - Shaft

Structure: CT01497-S-SBA
Site Name: Plymouth 2 CT
Height: 195.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1
Topography: 1

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

7/13/2023

Tower Engineering Solutions

88.00	1.00	1.23	7.272	8.00	0.00	1.200	1.103	2.00	8.050	9.66	77.3	126.6	851.8
90.00	1.00	1.24	7.306	8.04	0.00	1.200	1.106	2.00	7.971	9.57	76.9	125.6	843.2
91.00 Top - Section 3	1.00	1.24	7.323	8.06	0.00	1.200	1.107	1.00	3.956	4.75	38.2	62.5	418.5
92.00	1.00	1.24	7.340	8.07	0.00	1.200	1.108	1.00	3.936	4.72	38.1	62.3	240.6
94.00	1.00	1.25	7.374	8.11	0.00	1.200	1.110	2.00	7.813	9.38	76.0	123.5	477.2
96.00	1.00	1.25	7.406	8.15	0.00	1.200	1.113	2.00	7.735	9.28	75.6	122.5	472.4
98.00	1.00	1.26	7.439	8.18	0.00	1.200	1.115	2.00	7.656	9.19	75.2	121.5	467.5
100.00	1.00	1.27	7.470	8.22	0.00	1.200	1.117	2.00	7.577	9.09	74.7	120.4	462.7
102.00	1.00	1.27	7.501	8.25	0.00	1.200	1.119	2.00	7.498	9.00	74.2	119.3	457.8
104.00	1.00	1.28	7.532	8.29	0.00	1.200	1.122	2.00	7.419	8.90	73.8	118.3	452.9
106.00	1.00	1.28	7.562	8.32	0.00	1.200	1.124	2.00	7.340	8.81	73.3	117.2	448.0
108.00	1.00	1.29	7.592	8.35	0.00	1.200	1.126	2.00	7.261	8.71	72.8	116.1	443.1
110.00	1.00	1.29	7.622	8.38	0.00	1.200	1.128	2.00	7.182	8.62	72.3	115.0	438.2
112.00	1.00	1.30	7.651	8.42	0.00	1.200	1.130	2.00	7.103	8.52	71.7	113.9	433.3
114.00	1.00	1.30	7.679	8.45	0.00	1.200	1.132	2.00	7.024	8.43	71.2	112.8	428.4
116.00	1.00	1.31	7.707	8.48	0.00	1.200	1.134	2.00	6.945	8.33	70.7	111.6	423.4
118.00	1.00	1.31	7.735	8.51	0.00	1.200	1.136	2.00	6.866	8.24	70.1	110.5	418.5
120.00	1.00	1.32	7.763	8.54	0.00	1.200	1.138	2.00	6.787	8.14	69.5	109.4	413.5
122.00	1.00	1.32	7.790	8.57	0.00	1.200	1.140	2.00	6.708	8.05	69.0	108.2	408.6
124.00	1.00	1.32	7.816	8.60	0.00	1.200	1.142	2.00	6.629	7.95	68.4	107.1	403.6
125.00 Top - Section 4	1.00	1.33	7.830	8.61	0.00	1.200	1.142	1.00	3.285	3.94	33.9	53.3	200.1
126.00	1.00	1.33	7.843	8.63	0.00	1.200	1.143	1.00	3.265	3.92	33.8	53.0	169.9
128.00	1.00	1.33	7.869	8.66	0.00	1.200	1.145	2.00	6.470	7.76	67.2	104.8	336.3
130.00 Bot - Section 6	1.00	1.34	7.895	8.68	0.00	1.200	1.147	2.00	6.391	7.67	66.6	103.6	332.0
132.00	1.00	1.34	7.920	8.71	0.00	1.200	1.149	2.00	6.397	7.68	66.9	103.8	557.9
134.00	1.00	1.35	7.945	8.74	0.00	1.200	1.150	2.00	6.318	7.58	66.3	102.6	550.6
135.00 Top - Section 5	1.00	1.35	7.957	8.75	0.00	1.200	1.151	1.00	3.129	3.75	32.9	51.0	272.7
136.00	1.00	1.35	7.970	8.77	0.00	1.200	1.152	1.00	3.109	3.73	32.7	50.7	161.6
138.00	1.00	1.35	7.994	8.79	0.00	1.200	1.154	2.00	6.159	7.39	65.0	100.3	319.8
140.00	1.00	1.36	8.019	8.82	0.00	1.200	1.155	2.00	6.080	7.30	64.4	99.1	315.5
142.00	1.00	1.36	8.043	8.85	0.00	1.200	1.157	2.00	6.001	7.20	63.7	97.9	311.3
144.00	1.00	1.37	8.066	8.87	0.00	1.200	1.159	2.00	5.922	7.11	63.1	96.6	307.0
146.00	1.00	1.37	8.090	8.90	0.00	1.200	1.160	2.00	5.843	7.01	62.4	95.4	302.7
148.00	1.00	1.37	8.113	8.92	0.00	1.200	1.162	2.00	5.764	6.92	61.7	94.2	298.4
150.00	1.00	1.38	8.136	8.95	0.00	1.200	1.163	2.00	5.685	6.82	61.0	93.0	294.2
152.00	1.00	1.38	8.159	8.97	0.00	1.200	1.165	2.00	5.605	6.73	60.4	91.7	289.9
154.00	1.00	1.39	8.181	9.00	0.00	1.200	1.167	2.00	5.526	6.63	59.7	90.5	285.6
156.00	1.00	1.39	8.203	9.02	0.00	1.200	1.168	2.00	5.447	6.54	59.0	89.3	281.3
158.00	1.00	1.39	8.225	9.05	0.00	1.200	1.170	2.00	5.368	6.44	58.3	88.0	277.0
160.00	1.00	1.40	8.247	9.07	0.00	1.200	1.171	2.00	5.289	6.35	57.6	86.8	272.7
162.00	1.00	1.40	8.269	9.10	0.00	1.200	1.172	2.00	5.210	6.25	56.9	85.5	268.4
164.00	1.00	1.40	8.290	9.12	0.00	1.200	1.174	2.00	5.130	6.16	56.1	84.2	264.1
165.00 Appurtenance(s)	1.00	1.41	8.301	9.13	0.00	1.200	1.175	1.00	2.535	3.04	27.8	41.8	130.6
166.00	1.00	1.41	8.311	9.14	0.00	1.200	1.175	1.00	2.516	3.02	27.6	41.5	129.5
168.00	1.00	1.41	8.332	9.17	0.00	1.200	1.177	2.00	4.972	5.97	54.7	81.7	255.4
170.00	1.00	1.42	8.353	9.19	0.00	1.200	1.178	2.00	4.893	5.87	53.9	80.4	251.1
172.00	1.00	1.42	8.374	9.21	0.00	1.200	1.180	2.00	4.813	5.78	53.2	79.1	246.8
174.00	1.00	1.42	8.394	9.23	0.00	1.200	1.181	2.00	4.734	5.68	52.5	77.9	242.4
175.00 Appurtenance(s)	1.00	1.42	8.404	9.24	0.00	1.200	1.182	1.00	2.337	2.80	25.9	38.6	119.8
176.00	1.00	1.43	8.414	9.26	0.00	1.200	1.182	1.00	2.318	2.78	25.7	38.3	118.7
178.00	1.00	1.43	8.434	9.28	0.00	1.200	1.184	2.00	4.576	5.49	50.9	75.3	233.8
180.00 Top - Section 6	1.00	1.43	8.454	9.30	0.00	1.200	1.185	2.00	4.497	5.40	50.2	74.0	229.4
182.00	1.00	1.44	8.474	9.32	0.00	1.200	1.186	2.00	4.395	5.27	49.2	73.0	244.0
184.00	1.00	1.44	8.494	9.34	0.00	1.200	1.187	2.00	4.396	5.27	49.3	73.1	244.1
186.00	1.00	1.44	8.513	9.36	0.00	1.200	1.189	2.00	4.396	5.28	49.4	73.2	244.2
188.00	1.00	1.45	8.532	9.39	0.00	1.200	1.190	2.00	4.397	5.28	49.5	73.2	244.2
190.00	1.00	1.45	8.551	9.41	0.00	1.200	1.191	2.00	4.397	5.28	49.6	73.3	244.3

Wind Loading - Shaft

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 32	

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192.00		1.00	1.45	8.570	9.43	0.00	1.200	1.193	2.00	4.398	5.28	49.7	73.4	244.4
194.00		1.00	1.46	8.589	9.45	0.00	1.200	1.194	2.00	4.398	5.28	49.9	73.5	244.5
195.00	Appurtenance(s)	1.00	1.46	8.598	9.46	0.00	1.200	1.194	1.00	2.199	2.64	25.0	36.8	122.3
								Totals:	**195.00**			**6,750.8**		**50,339.5**

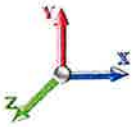
Discrete Appurtenance Forces

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 33	

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

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 30

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	195.00	800 MHz RRH	3	8.607	9.468	0.60	0.90	5.92	279.35	0.000	1.000	56.05	0.00	56.05
2	195.00	APXVSPP18-C-A20	3	8.607	9.468	0.77	0.90	22.79	411.59	0.000	1.000	215.81	0.00	215.81
3	195.00	APXVTM14-C-I20	3	8.607	9.468	0.71	0.90	15.12	510.93	0.000	1.000	143.11	0.00	143.11
4	195.00	1900MHz RRH (65MHz)	3	8.607	9.468	0.60	0.90	6.58	315.61	0.000	1.000	62.31	0.00	62.31
5	195.00	T-Arms w/ Working	3	8.598	9.458	0.56	0.75	46.35	2573.29	0.000	0.000	438.36	0.00	0.00
6	195.00	TD-RRH8x20-25	3	8.607	9.468	0.60	0.90	8.31	464.14	0.000	1.000	78.66	0.00	78.66
7	195.00	ALU 800MHz External	3	8.607	9.468	0.64	0.90	2.34	52.90	0.000	1.000	22.19	0.00	22.19
8	195.00	ACU-A20-N	4	8.607	9.468	0.45	0.90	0.62	11.36	0.000	1.000	5.85	0.00	5.85
9	175.00	(3) T-Arm Kit	1	8.404	9.245	0.56	0.75	14.96	851.73	0.000	0.000	138.26	0.00	0.00
10	175.00	FE15501P77/75	6	8.404	9.245	0.54	0.80	3.75	202.54	0.000	0.000	34.65	0.00	0.00
11	175.00	4449 B71 + B85	3	8.404	9.245	0.54	0.80	3.79	220.36	0.000	0.000	35.02	0.00	0.00
12	175.00	KRY 112 489/2	3	8.404	9.245	0.54	0.80	1.71	76.23	0.000	0.000	15.82	0.00	0.00
13	175.00	KRY 112 144/1	3	8.404	9.245	0.54	0.80	1.18	52.20	0.000	0.000	10.88	0.00	0.00
14	175.00	APXVAALL24_43-U-NA20	3	8.404	9.245	0.56	0.80	36.14	1256.34	0.000	0.000	334.09	0.00	0.00
15	175.00	4460 B25 + B66	3	8.404	9.245	0.54	0.80	5.32	447.75	0.000	0.000	49.15	0.00	0.00
16	175.00	AIR6419 B41	3	8.404	9.245	0.61	0.80	7.91	529.63	0.000	0.000	73.16	0.00	0.00
17	175.00	T-Arms w/ Working	3	8.404	9.245	0.56	0.75	46.14	2557.86	0.000	0.000	426.56	0.00	0.00
18	165.00	MT6407-77A	3	8.301	9.131	0.56	0.80	8.94	510.91	0.000	0.000	81.62	0.00	0.00
19	165.00	Low Profile Platform	1	8.301	9.131	1.00	1.00	33.89	2380.96	0.000	0.000	309.42	0.00	0.00
20	165.00	BSF0020F3V1-1	2	8.301	9.131	0.64	0.80	2.20	137.45	0.000	0.000	20.10	0.00	0.00
21	165.00	MX06FRO660-03	6	8.301	9.131	0.70	0.80	45.53	1464.38	0.000	0.000	415.75	0.00	0.00
22	165.00	Samsung B5/B13	3	8.301	9.131	0.54	0.80	3.62	316.48	0.000	0.000	33.05	0.00	0.00
23	165.00	Samsung B2/B66A	3	8.301	9.131	0.54	0.80	3.62	301.74	0.000	0.000	33.05	0.00	0.00
24	165.00	Raycap	1	8.301	9.131	0.80	0.80	3.45	118.16	0.000	0.000	31.54	0.00	0.00
25	165.00	91900314	1	8.301	9.131	1.00	1.00	0.00	41.18	0.000	0.000	0.00	0.00	0.00
26	70.00	Side Arm (L. Heavy)	1	6.930	7.623	1.00	1.00	6.02	178.69	0.000	0.000	45.89	0.00	0.00
27	70.00	407577689 Gps	1	6.930	7.623	0.50	1.00	0.77	13.18	0.000	0.000	5.83	0.00	0.00
							Totals:		**16,276.94**			**3,116.19**		

Total Applied Force Summary

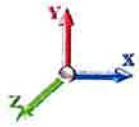
Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 34	

TES Tower Engineering Solutions

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

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 30

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
2.00		73.69	794.27	0.00	0.00
4.00		73.29	797.57	0.00	0.00
6.00		72.83	797.43	0.00	0.00
8.00		72.36	795.79	0.00	0.00
10.00		71.88	793.31	0.00	0.00
12.00		71.38	790.26	0.00	0.00
14.00		70.89	786.83	0.00	0.00
16.00		71.26	783.09	0.00	0.00
18.00		72.52	779.13	0.00	0.00
20.00		73.61	774.98	0.00	0.00
22.00		74.55	770.67	0.00	0.00
24.00		75.37	766.24	0.00	0.00
26.00		76.08	761.70	0.00	0.00
28.00		76.69	757.06	0.00	0.00
30.00		77.22	752.33	0.00	0.00
32.00		77.68	747.54	0.00	0.00
34.00		78.07	742.68	0.00	0.00
36.00		78.39	737.76	0.00	0.00
38.00		78.66	732.78	0.00	0.00
40.00		78.88	727.76	0.00	0.00
41.00		39.41	362.04	0.00	0.00
42.00		39.97	629.54	0.00	0.00
44.00		80.24	1251.69	0.00	0.00
46.00		80.34	1241.98	0.00	0.00
48.00		80.40	1232.23	0.00	0.00
50.00		80.43	711.28	0.00	0.00
52.00		80.42	706.04	0.00	0.00
54.00		80.39	700.78	0.00	0.00
56.00		80.32	695.49	0.00	0.00
58.00		80.23	690.18	0.00	0.00
60.00		80.11	684.84	0.00	0.00
62.00		79.96	679.48	0.00	0.00
64.00		79.79	674.10	0.00	0.00
66.00		79.60	668.69	0.00	0.00
68.00		79.39	663.27	0.00	0.00
70.00	(2) attachments	130.88	849.70	0.00	0.00
72.00		78.90	652.00	0.00	0.00
74.00		78.63	646.52	0.00	0.00
76.00		78.34	641.04	0.00	0.00
78.00		78.03	635.53	0.00	0.00
80.00		77.71	630.02	0.00	0.00
81.00		38.68	313.05	0.00	0.00
82.00		38.59	274.92	0.00	0.00
84.00		77.01	546.01	0.00	0.00
85.00		38.32	271.33	0.00	0.00
86.00		38.73	454.99	0.00	0.00

88.00		77.27	903.28	0.00	0.00
90.00		76.88	894.65	0.00	0.00
91.00		38.24	444.21	0.00	0.00
92.00		38.14	266.29	0.00	0.00
94.00		76.05	528.70	0.00	0.00
96.00		75.62	523.86	0.00	0.00
98.00		75.17	519.00	0.00	0.00
100.00		74.71	514.13	0.00	0.00
102.00		74.24	509.26	0.00	0.00
104.00		73.76	504.37	0.00	0.00
106.00		73.27	499.47	0.00	0.00
108.00		72.77	494.57	0.00	0.00
110.00		72.25	489.66	0.00	0.00
112.00		71.73	484.74	0.00	0.00
114.00		71.20	479.81	0.00	0.00
116.00		70.65	474.87	0.00	0.00
118.00		70.10	469.93	0.00	0.00
120.00		69.54	464.98	0.00	0.00
122.00		68.97	460.02	0.00	0.00
124.00		68.39	455.05	0.00	0.00
125.00		33.95	225.81	0.00	0.00
126.00		33.80	195.59	0.00	0.00
128.00		67.21	387.73	0.00	0.00
130.00		66.60	383.50	0.00	0.00
132.00		66.87	609.35	0.00	0.00
134.00		66.26	602.06	0.00	0.00
135.00		32.87	298.45	0.00	0.00
136.00		32.71	187.35	0.00	0.00
138.00		65.00	371.22	0.00	0.00
140.00		64.36	366.97	0.00	0.00
142.00		63.71	362.71	0.00	0.00
144.00		63.06	358.45	0.00	0.00
146.00		62.39	354.18	0.00	0.00
148.00		61.73	349.90	0.00	0.00
150.00		61.05	345.62	0.00	0.00
152.00		60.37	341.34	0.00	0.00
154.00		59.68	337.05	0.00	0.00
156.00		58.98	332.76	0.00	0.00
158.00		58.28	328.46	0.00	0.00
160.00		57.57	324.15	0.00	0.00
162.00		56.86	319.84	0.00	0.00
164.00		56.14	315.53	0.00	0.00
165.00	(20) attachments	952.31	5427.57	0.00	0.00
166.00		27.60	146.42	0.00	0.00
168.00		54.68	289.28	0.00	0.00
170.00		53.95	284.95	0.00	0.00
172.00		53.20	280.62	0.00	0.00
174.00		52.46	276.28	0.00	0.00
175.00	(28) attachments	1143.52	6331.31	0.00	0.00
176.00		25.74	121.84	0.00	0.00
178.00		50.94	240.10	0.00	0.00
180.00		50.18	235.75	0.00	0.00
182.00		49.17	250.34	0.00	0.00
184.00		49.28	250.42	0.00	0.00
186.00		49.40	250.50	0.00	0.00
188.00		49.52	250.59	0.00	0.00
190.00		49.63	250.67	0.00	0.00

Total Applied Force Summary

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 36	

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192.00		49.75	250.75	0.00	0.00
194.00		49.86	250.83	0.00	0.00
195.00	(25) attachments	1047.31	4744.61	0.00	583.99
	Totals:	**9,867.01**	**71,107.57**	**0.00**	**583.99**

Calculated Forces

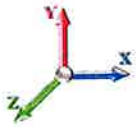
Structure: CT01497-S-SBA
Site Name: Plymouth 2 CT
Height: 195.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

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

7/13/2023

Tower Engineering Solutions

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



Iterations 30

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	-71.11	-9.88	0.00	-1260.2	0.00	1260.24	4628.91	1339.45	7126.38	6119.66	0.00	0.000	0.000	0.221
2.00	-70.31	-9.82	0.00	-1240.4	0.00	1240.49	4612.68	1329.62	7022.11	6053.16	0.00	-0.018	0.000	0.220
4.00	-69.51	-9.77	0.00	-1220.8	0.00	1220.84	4596.18	1319.78	6918.62	5986.64	0.02	-0.036	0.000	0.219
6.00	-68.71	-9.72	0.00	-1201.2	0.00	1201.29	4579.43	1309.95	6815.89	5920.10	0.03	-0.054	0.000	0.218
8.00	-67.91	-9.67	0.00	-1181.8	0.00	1181.85	4562.40	1300.11	6713.93	5853.55	0.06	-0.072	0.000	0.217
10.00	-67.11	-9.62	0.00	-1162.5	0.00	1162.51	4545.12	1290.28	6612.74	5787.00	0.10	-0.091	0.000	0.216
12.00	-66.32	-9.57	0.00	-1143.2	0.00	1143.27	4527.57	1280.44	6512.31	5720.46	0.14	-0.109	0.000	0.215
14.00	-65.53	-9.52	0.00	-1124.1	0.00	1124.14	4509.77	1270.61	6412.66	5653.92	0.19	-0.128	0.000	0.213
16.00	-64.74	-9.46	0.00	-1105.1	0.00	1105.11	4491.69	1260.77	6313.77	5587.41	0.25	-0.147	0.000	0.212
18.00	-63.96	-9.41	0.00	-1086.1	0.00	1086.18	4473.36	1250.94	6215.65	5520.93	0.31	-0.166	0.000	0.211
20.00	-63.18	-9.36	0.00	-1067.3	0.00	1067.36	4454.76	1241.10	6118.30	5454.49	0.38	-0.185	0.000	0.210
22.00	-62.41	-9.30	0.00	-1048.6	0.00	1048.65	4435.90	1231.27	6021.72	5388.08	0.47	-0.204	0.000	0.209
24.00	-61.64	-9.24	0.00	-1030.0	0.00	1030.05	4416.78	1221.43	5925.90	5321.73	0.56	-0.223	0.000	0.208
26.00	-60.88	-9.18	0.00	-1011.5	0.00	1011.57	4397.40	1211.60	5830.86	5255.44	0.65	-0.242	0.000	0.206
28.00	-60.12	-9.12	0.00	-993.20	0.00	993.20	4377.75	1201.76	5736.58	5189.22	0.76	-0.262	0.000	0.205
30.00	-59.36	-9.06	0.00	-974.95	0.00	974.95	4357.84	1191.93	5643.07	5123.07	0.87	-0.281	0.000	0.204
32.00	-58.61	-9.00	0.00	-956.83	0.00	956.83	4337.67	1182.09	5550.33	5057.01	1.00	-0.301	0.000	0.203
34.00	-57.87	-8.94	0.00	-938.82	0.00	938.82	4317.23	1172.26	5458.36	4991.03	1.13	-0.321	0.000	0.202
36.00	-57.13	-8.88	0.00	-920.94	0.00	920.94	4296.53	1162.42	5367.16	4925.16	1.26	-0.340	0.000	0.200
38.00	-56.39	-8.81	0.00	-903.19	0.00	903.19	4275.57	1152.59	5276.73	4859.38	1.41	-0.361	0.000	0.199
40.00	-55.66	-8.75	0.00	-885.56	0.00	885.56	4254.35	1142.76	5187.06	4793.73	1.57	-0.381	0.000	0.198
41.00	-55.30	-8.71	0.00	-876.82	0.00	876.82	4243.64	1137.84	5142.51	4760.94	1.65	-0.391	0.000	0.197
42.00	-54.67	-8.68	0.00	-868.11	0.00	868.11	4232.86	1132.92	5098.16	4728.19	1.73	-0.401	0.000	0.197
44.00	-53.41	-8.61	0.00	-850.74	0.00	850.74	4211.11	1123.09	5010.03	4662.78	1.90	-0.421	0.000	0.195
46.00	-52.17	-8.54	0.00	-833.51	0.00	833.51	4189.10	1113.25	4922.67	4597.51	2.08	-0.442	0.000	0.194
48.00	-50.93	-8.47	0.00	-816.43	0.00	816.43	4202.19	1119.08	4974.38	4636.19	2.27	-0.463	0.000	0.188
50.00	-50.22	-8.40	0.00	-799.49	0.00	799.49	4180.07	1109.25	4887.33	4570.98	2.47	-0.483	0.000	0.187
52.00	-49.51	-8.33	0.00	-782.69	0.00	782.69	4157.69	1099.41	4801.05	4505.91	2.68	-0.503	0.000	0.186
54.00	-48.81	-8.26	0.00	-766.02	0.00	766.02	4135.04	1089.58	4715.54	4441.00	2.89	-0.523	0.000	0.184
56.00	-48.11	-8.19	0.00	-749.50	0.00	749.50	4112.14	1079.74	4630.79	4376.25	3.12	-0.544	0.000	0.183
58.00	-47.42	-8.12	0.00	-733.11	0.00	733.11	4088.97	1069.91	4546.82	4311.67	3.35	-0.564	0.000	0.182
60.00	-46.73	-8.05	0.00	-716.86	0.00	716.86	4065.54	1060.07	4463.61	4247.27	3.59	-0.584	0.000	0.180
62.00	-46.05	-7.98	0.00	-700.76	0.00	700.76	4041.84	1050.24	4381.17	4183.06	3.84	-0.605	0.000	0.179
64.00	-45.37	-7.91	0.00	-684.79	0.00	684.79	4017.89	1040.40	4299.50	4119.03	4.10	-0.625	0.000	0.178
66.00	-44.70	-7.84	0.00	-668.97	0.00	668.97	3993.67	1030.57	4218.60	4055.21	4.36	-0.646	0.000	0.176
68.00	-44.04	-7.77	0.00	-653.29	0.00	653.29	3969.18	1020.73	4138.47	3991.60	4.64	-0.667	0.000	0.175
70.00	-43.19	-7.65	0.00	-637.75	0.00	637.75	3944.44	1010.90	4059.10	3928.21	4.92	-0.688	0.000	0.173
72.00	-42.53	-7.57	0.00	-622.46	0.00	622.46	3919.43	1001.06	3980.51	3865.04	5.22	-0.709	0.000	0.172
74.00	-41.88	-7.50	0.00	-607.31	0.00	607.31	3894.16	991.23	3902.68	3802.10	5.52	-0.730	0.000	0.171
76.00	-41.24	-7.43	0.00	-592.31	0.00	592.31	3868.63	981.39	3825.62	3739.40	5.83	-0.751	0.000	0.169
78.00	-40.61	-7.36	0.00	-577.44	0.00	577.44	3842.83	971.56	3749.33	3676.95	6.15	-0.773	0.000	0.168
80.00	-39.97	-7.29	0.00	-562.72	0.00	562.72	3816.78	961.72	3673.81	3614.75	6.48	-0.794	0.000	0.166
81.00	-39.66	-7.25	0.00	-555.44	0.00	555.44	3803.65	956.81	3636.33	3583.75	6.64	-0.805	0.000	0.165
81.00	-39.66	-7.25	0.00	-555.44	0.00	555.44	2964.89	798.43	3038.55	2801.11	6.64	-0.805	0.000	0.212
82.00	-39.38	-7.22	0.00	-548.19	0.00	548.19	2956.04	794.33	3007.44	2778.31	6.81	-0.816	0.000	0.211
84.00	-38.84	-7.15	0.00	-533.75	0.00	533.75	2938.13	786.13	2945.70	2732.80	7.16	-0.842	0.000	0.209
85.00	-38.56	-7.11	0.00	-526.60	0.00	526.60	2929.08	782.04	2915.07	2710.08	7.34	-0.855	0.000	0.208
86.00	-38.11	-7.08	0.00	-519.49	0.00	519.49	2919.97	777.94	2884.60	2687.40	7.52	-0.868	0.000	0.206

Calculated Forces

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 38

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88.00	-37.20	-7.01	0.00	-505.32	0.00	505.32	2901.54	769.74	2824.14	2642.11	7.89	-0.894	0.000	0.204
90.00	-36.31	-6.93	0.00	-491.31	0.00	491.31	2882.85	761.55	2764.32	2596.94	8.27	-0.920	0.000	0.202
91.00	-35.86	-6.89	0.00	-484.38	0.00	484.38	2898.33	768.33	2813.78	2634.30	8.46	-0.933	0.000	0.196
92.00	-35.59	-6.86	0.00	-477.49	0.00	477.49	2889.00	764.23	2783.84	2611.72	8.66	-0.947	0.000	0.195
94.00	-35.06	-6.79	0.00	-463.77	0.00	463.77	2870.13	756.03	2724.45	2566.64	9.06	-0.972	0.000	0.193
96.00	-34.54	-6.72	0.00	-450.18	0.00	450.18	2851.00	747.84	2665.70	2521.69	9.48	-0.997	0.000	0.191
98.00	-34.02	-6.65	0.00	-436.74	0.00	436.74	2831.61	739.64	2607.60	2476.90	9.90	-1.023	0.000	0.188
100.00	-33.50	-6.58	0.00	-423.43	0.00	423.43	2811.95	731.45	2550.13	2432.25	10.33	-1.048	0.000	0.186
102.00	-32.99	-6.52	0.00	-410.26	0.00	410.26	2792.03	723.25	2493.30	2387.76	10.78	-1.073	0.000	0.184
104.00	-32.48	-6.45	0.00	-397.23	0.00	397.23	2771.85	715.06	2437.12	2343.44	11.23	-1.099	0.000	0.181
106.00	-31.98	-6.38	0.00	-384.34	0.00	384.34	2751.41	706.86	2381.57	2299.29	11.70	-1.125	0.000	0.179
108.00	-31.49	-6.31	0.00	-371.58	0.00	371.58	2730.70	698.66	2326.66	2255.33	12.17	-1.150	0.000	0.176
110.00	-31.00	-6.24	0.00	-358.96	0.00	358.96	2709.73	690.47	2272.40	2211.55	12.66	-1.176	0.000	0.174
112.00	-30.51	-6.17	0.00	-346.48	0.00	346.48	2688.50	682.27	2218.77	2167.98	13.16	-1.202	0.000	0.171
114.00	-30.03	-6.11	0.00	-334.13	0.00	334.13	2667.01	674.08	2165.79	2124.61	13.67	-1.227	0.000	0.169
116.00	-29.55	-6.04	0.00	-321.92	0.00	321.92	2645.25	665.88	2113.44	2081.45	14.19	-1.253	0.000	0.166
118.00	-29.08	-5.97	0.00	-309.85	0.00	309.85	2623.23	657.69	2061.74	2038.51	14.72	-1.279	0.000	0.163
120.00	-28.62	-5.90	0.00	-297.91	0.00	297.91	2600.95	649.49	2010.67	1995.80	15.26	-1.304	0.000	0.160
122.00	-28.16	-5.84	0.00	-286.10	0.00	286.10	2578.41	641.29	1960.25	1953.33	15.81	-1.330	0.000	0.157
124.00	-27.70	-5.77	0.00	-274.43	0.00	274.43	2555.60	633.10	1910.47	1911.10	16.37	-1.355	0.000	0.155
125.00	-27.48	-5.73	0.00	-268.66	0.00	268.66	2544.10	629.00	1885.82	1890.08	16.66	-1.368	0.000	0.153
125.00	-27.48	-5.73	0.00	-268.66	0.00	268.66	1882.48	504.07	1513.88	1403.39	16.66	-1.368	0.000	0.206
126.00	-27.28	-5.71	0.00	-262.93	0.00	262.93	1875.26	500.79	1494.25	1388.85	16.95	-1.381	0.000	0.204
128.00	-26.89	-5.64	0.00	-251.52	0.00	251.52	1860.60	494.24	1455.38	1359.83	17.53	-1.412	0.000	0.200
130.00	-26.50	-5.58	0.00	-240.23	0.00	240.23	1845.69	487.68	1417.02	1330.91	18.13	-1.443	0.000	0.195
132.00	-25.89	-5.51	0.00	-229.07	0.00	229.07	1830.51	481.12	1379.17	1302.09	18.74	-1.474	0.000	0.190
134.00	-25.29	-5.44	0.00	-218.04	0.00	218.04	1815.07	474.57	1341.84	1273.39	19.37	-1.505	0.000	0.185
135.00	-24.99	-5.41	0.00	-212.60	0.00	212.60	1823.78	478.25	1362.76	1289.51	19.68	-1.520	0.000	0.179
136.00	-24.80	-5.38	0.00	-207.19	0.00	207.19	1816.04	474.97	1344.14	1275.17	20.00	-1.536	0.000	0.176
138.00	-24.43	-5.32	0.00	-196.44	0.00	196.44	1800.35	468.42	1307.29	1246.57	20.65	-1.565	0.000	0.171
140.00	-24.06	-5.25	0.00	-185.80	0.00	185.80	1784.40	461.86	1270.94	1218.11	21.32	-1.593	0.000	0.166
142.00	-23.70	-5.19	0.00	-175.29	0.00	175.29	1768.19	455.30	1235.12	1189.78	21.99	-1.621	0.000	0.161
144.00	-23.34	-5.13	0.00	-164.91	0.00	164.91	1751.71	448.75	1199.80	1161.59	22.67	-1.649	0.000	0.155
146.00	-22.99	-5.07	0.00	-154.65	0.00	154.65	1734.98	442.19	1165.00	1133.55	23.37	-1.676	0.000	0.150
148.00	-22.64	-5.01	0.00	-144.52	0.00	144.52	1717.98	435.63	1130.70	1105.67	24.08	-1.703	0.000	0.144
150.00	-22.29	-4.95	0.00	-134.50	0.00	134.50	1700.71	429.08	1096.92	1077.96	24.80	-1.728	0.000	0.138
152.00	-21.95	-4.88	0.00	-124.61	0.00	124.61	1683.19	422.52	1063.66	1050.42	25.53	-1.754	0.000	0.132
154.00	-21.61	-4.82	0.00	-114.85	0.00	114.85	1665.40	415.96	1030.90	1023.06	26.27	-1.778	0.000	0.125
156.00	-21.28	-4.76	0.00	-105.20	0.00	105.20	1647.35	409.41	998.66	995.89	27.02	-1.801	0.000	0.119
158.00	-20.95	-4.70	0.00	-95.68	0.00	95.68	1629.04	402.85	966.93	968.91	27.78	-1.824	0.000	0.112
160.00	-20.63	-4.64	0.00	-86.27	0.00	86.27	1610.46	396.29	935.71	942.14	28.55	-1.845	0.000	0.105
162.00	-20.31	-4.58	0.00	-76.99	0.00	76.99	1591.62	389.74	905.01	915.58	29.32	-1.865	0.000	0.097
164.00	-19.99	-4.52	0.00	-67.83	0.00	67.83	1572.52	383.18	874.81	889.24	30.11	-1.884	0.000	0.089
165.00	-14.60	-3.39	0.00	-63.31	0.00	63.31	1562.88	379.90	859.91	876.15	30.50	-1.893	0.000	0.082
166.00	-14.45	-3.36	0.00	-59.92	0.00	59.92	1553.16	376.62	845.13	863.13	30.90	-1.901	0.000	0.079
168.00	-14.17	-3.30	0.00	-53.20	0.00	53.20	1533.53	370.07	815.96	837.25	31.70	-1.918	0.000	0.073
170.00	-13.88	-3.24	0.00	-46.60	0.00	46.60	1513.65	363.51	787.30	811.61	32.51	-1.933	0.000	0.067
172.00	-13.60	-3.18	0.00	-40.11	0.00	40.11	1493.49	356.96	759.16	786.22	33.32	-1.947	0.000	0.060
174.00	-13.33	-3.12	0.00	-33.75	0.00	33.75	1473.08	350.40	731.53	761.10	34.14	-1.959	0.000	0.053
175.00	-7.04	-1.76	0.00	-30.63	0.00	30.63	1462.77	347.12	717.90	748.63	34.55	-1.965	0.000	0.046
176.00	-6.92	-1.73	0.00	-28.87	0.00	28.87	1452.40	343.84	704.41	736.23	34.96	-1.970	0.000	0.044
178.00	-6.68	-1.68	0.00	-25.40	0.00	25.40	1427.84	337.29	677.80	709.84	35.79	-1.980	0.000	0.040
180.00	-6.45	-1.62	0.00	-22.05	0.00	22.05	1400.09	330.73	651.70	682.38	36.62	-1.990	0.000	0.037
180.00	-6.45	-1.62	0.00	-22.05	0.00	22.05	678.42	203.53	25205.7	396.30	36.62	-1.990	0.000	0.065
182.00	-6.20	-1.56	0.00	-18.81	0.00	18.81	678.42	203.53	25205.7	396.30	37.46	-1.999	0.000	0.057
184.00	-5.95	-1.50	0.00	-15.69	0.00	15.69	678.42	203.53	25205.7	396.30	38.29	-2.005	0.000	0.048
186.00	-5.70	-1.45	0.00	-12.68	0.00	12.68	678.42	203.53	25205.7	396.30	39.14	-2.011	0.000	0.040

Calculated Forces

Structure: CT01497-S-SBA
Site Name: Plymouth 2 CT
Height: 195.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1
Topography: 1

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

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188.00	-5.45	-1.39	0.00	-9.78	0.00	9.78	678.42	203.53	25205.7	396.30	39.98	-2.015	0.000	0.033
190.00	-5.20	-1.33	0.00	-7.00	0.00	7.00	678.42	203.53	25205.7	396.30	40.82	-2.018	0.000	0.025
192.00	-4.95	-1.27	0.00	-4.34	0.00	4.34	678.42	203.53	25205.7	396.30	41.67	-2.021	0.000	0.018
194.00	-4.70	-1.21	0.00	-1.80	0.00	1.80	678.42	203.53	25205.7	396.30	42.52	-2.022	0.000	0.012
195.00	0.00	-1.05	0.00	-0.58	0.00	0.58	678.42	203.53	25205.7	396.30	42.94	-2.022	0.000	0.002

Seismic Segment Forces (Factored)

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 40	

IES Tower Engineering Solutions

Load Case: 1.2D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20		**Iterations**	27
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.09		**Ss**	0.18
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.29	**SA**	0.03	**Seismic Importance Factor**	**S1**	0.05
								1.00

Top Elev (ft)	Description	Wz (lb)	Hz (lb)	Vertical Ev (lb)	Lateral Fs (lb)	R: 1.50
0.00		0.00	0.00	0.00	0.00	
2.00		569.35	1.00	22.23	0.00	
4.00		565.53	3.00	22.08	0.00	
6.00		561.72	5.00	21.93	0.01	
8.00		557.91	7.00	21.78	0.01	
10.00		554.09	9.00	21.63	0.02	
12.00		550.28	11.00	21.48	0.03	
14.00		546.46	13.00	21.33	0.04	
16.00		542.65	15.00	21.19	0.05	
18.00		538.84	17.00	21.04	0.07	
20.00		535.02	19.00	20.89	0.08	
22.00		531.21	21.00	20.74	0.10	
24.00		527.40	23.00	20.59	0.11	
26.00		523.58	25.00	20.44	0.13	
28.00		519.77	27.00	20.29	0.15	
30.00		515.95	29.00	20.14	0.17	
32.00		512.14	31.00	19.99	0.20	
34.00		508.33	33.00	19.85	0.22	
36.00		504.51	35.00	19.70	0.24	
38.00		500.70	37.00	19.55	0.27	
40.00		496.89	39.00	19.40	0.29	
41.00	Bot - Section 2	247.01	40.50	9.64	0.08	
42.00		469.24	41.50	18.32	0.30	
44.00		932.75	43.00	36.41	1.25	
46.00		925.12	45.00	36.12	1.35	
48.00	Top - Section 1	917.50	47.00	35.82	1.45	
50.00		483.89	49.00	18.89	0.44	
52.00		480.08	51.00	18.74	0.47	
54.00		476.26	53.00	18.59	0.50	
56.00		472.45	55.00	18.44	0.53	
58.00		468.64	57.00	18.30	0.56	
60.00		464.82	59.00	18.15	0.59	
62.00		461.01	61.00	18.00	0.62	
64.00		457.20	63.00	17.85	0.65	
66.00		453.38	65.00	17.70	0.68	
68.00		449.57	67.00	17.55	0.71	
70.00	Appurtenance(s)	569.75	69.00	22.24	1.20	
72.00		441.56	71.00	17.24	0.77	
74.00		437.74	73.00	17.09	0.80	
76.00		433.93	75.00	16.94	0.82	
78.00		430.12	77.00	16.79	0.85	
80.00		426.30	79.00	16.64	0.88	
81.00	Top - Section 2	211.72	80.50	8.27	0.23	
82.00		180.14	81.50	7.03	0.17	
84.00		357.89	83.00	13.97	0.69	
85.00	Bot - Section 4	177.75	84.50	6.94	0.18	

Seismic Segment Forces (Factored)

Structure: CT01497-S-SBA
Site Name: Plymouth 2 CT
Height: 195.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1
Topography: 1

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

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86.00		330.30	85.50	12.89	0.62
88.00		655.84	87.00	25.60	2.54
90.00		649.48	89.00	25.36	2.60
91.00	Top - Section 3	322.36	90.50	12.58	0.66
92.00		174.30	91.50	6.80	0.20
94.00		346.22	93.00	13.52	0.81
96.00		343.04	95.00	13.39	0.83
98.00		339.86	97.00	13.27	0.85
100.00		336.69	99.00	13.14	0.87
102.00		333.51	101.00	13.02	0.88
104.00		330.33	103.00	12.90	0.90
106.00		327.15	105.00	12.77	0.92
108.00		323.97	107.00	12.65	0.94
110.00		320.80	109.00	12.52	0.95
112.00		317.62	111.00	12.40	0.97
114.00		314.44	113.00	12.28	0.98
116.00		311.26	115.00	12.15	1.00
118.00		308.08	117.00	12.03	1.01
120.00		304.91	119.00	11.90	1.03
122.00		301.73	121.00	11.78	1.04
124.00		298.55	123.00	11.66	1.05
125.00	Top - Section 4	148.08	124.50	5.78	0.26
126.00		123.14	125.50	4.81	0.19
128.00		244.38	127.00	9.54	0.75
130.00	Bot - Section 6	241.84	129.00	9.44	0.76
132.00		429.84	131.00	16.78	2.47
134.00		424.75	133.00	16.58	2.49
135.00	Top - Section 5	210.47	134.50	8.22	0.62
136.00		118.14	135.50	4.61	0.20
138.00		234.37	137.00	9.15	0.80
140.00		231.83	139.00	9.05	0.81
142.00		229.29	141.00	8.95	0.81
144.00		226.74	143.00	8.85	0.82
146.00		224.20	145.00	8.75	0.82
148.00		221.66	147.00	8.65	0.83
150.00		219.12	149.00	8.55	0.83
152.00		216.57	151.00	8.45	0.83
154.00		214.03	153.00	8.36	0.84
156.00		211.49	155.00	8.26	0.84
158.00		208.95	157.00	8.16	0.84
160.00		206.40	159.00	8.06	0.84
162.00		203.86	161.00	7.96	0.84
164.00		201.32	163.00	7.86	0.84
165.00	Appurtenance(s)	2754.5	164.50	107.54	159.90
166.00		90.26	165.50	3.52	0.17
168.00		178.62	167.00	6.97	0.69
170.00		176.07	169.00	6.87	0.69
172.00		173.53	171.00	6.77	0.69
174.00		170.99	173.00	6.68	0.68
175.00	Appurtenance(s)	3424.0	174.50	133.67	278.02
176.00		70.15	175.50	2.74	0.12
178.00		138.40	177.00	5.40	0.47
180.00	Top - Section 6	135.86	179.00	5.30	0.46
182.00		148.84	181.00	5.81	0.57
184.00		148.84	183.00	5.81	0.58
186.00		148.84	185.00	5.81	0.59
188.00		148.84	187.00	5.81	0.60

Seismic Segment Forces (Factored)

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 42	

Tower Engineering Solutions

190.00			148.84	189.00	5.81	0.62		
192.00			148.84	191.00	5.81	0.63		
194.00			148.84	193.00	5.81	0.64		
195.00	Appurtenance(s)		2493.4	194.50	97.34	183.16		
		Totals:	**45,616.8**		**1,780.9**	**689.1**	**Total Wind:**	**30,365.1**

Calculated Forces

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 43

Tower Engineering Solutions

Load Case: 1.2D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20			**Iterations**	27
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.09			**Ss**	0.18
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.29	**SA**	0.03			**S1**	0.05
								Seismic Importance Factor	1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-55.62	-0.69	0.00	-125.41	0.00	125.41	4628.91	1339.45	7126.38	6119.66		0.00	0.00	0.033
2.00	-54.93	-0.69	0.00	-124.03	0.00	124.03	4612.68	1329.62	7022.11	6053.16		0.00	0.00	0.032
4.00	-54.24	-0.69	0.00	-122.65	0.00	122.65	4596.18	1319.78	6918.62	5986.64		0.00	0.00	0.032
6.00	-53.55	-0.69	0.00	-121.27	0.00	121.27	4579.43	1309.95	6815.89	5920.10		0.00	-0.01	0.032
8.00	-52.87	-0.69	0.00	-119.89	0.00	119.89	4562.40	1300.11	6713.93	5853.55		0.01	-0.01	0.032
10.00	-52.19	-0.70	0.00	-118.50	0.00	118.50	4545.12	1290.28	6612.74	5787.00		0.01	-0.01	0.032
12.00	-51.52	-0.70	0.00	-117.11	0.00	117.11	4527.57	1280.44	6512.31	5720.46		0.01	-0.01	0.032
14.00	-50.86	-0.70	0.00	-115.71	0.00	115.71	4509.77	1270.61	6412.66	5653.92		0.02	-0.01	0.032
16.00	-50.19	-0.70	0.00	-114.32	0.00	114.32	4491.69	1260.77	6313.77	5587.41		0.02	-0.01	0.032
18.00	-49.54	-0.70	0.00	-112.91	0.00	112.91	4473.36	1250.94	6215.65	5520.93		0.03	-0.02	0.032
20.00	-48.88	-0.70	0.00	-111.51	0.00	111.51	4454.76	1241.10	6118.30	5454.49		0.04	-0.02	0.031
22.00	-48.24	-0.70	0.00	-110.10	0.00	110.10	4435.90	1231.27	6021.72	5388.08		0.05	-0.02	0.031
24.00	-47.59	-0.71	0.00	-108.70	0.00	108.70	4416.78	1221.43	5925.90	5321.73		0.06	-0.02	0.031
26.00	-46.96	-0.71	0.00	-107.28	0.00	107.28	4397.40	1211.60	5830.86	5255.44		0.07	-0.02	0.031
28.00	-46.32	-0.71	0.00	-105.87	0.00	105.87	4377.75	1201.76	5736.58	5189.22		0.08	-0.03	0.031
30.00	-45.69	-0.71	0.00	-104.45	0.00	104.45	4357.84	1191.93	5643.07	5123.07		0.09	-0.03	0.031
32.00	-45.07	-0.71	0.00	-103.03	0.00	103.03	4337.67	1182.09	5550.33	5057.01		0.10	-0.03	0.031
34.00	-44.45	-0.71	0.00	-101.61	0.00	101.61	4317.23	1172.26	5458.36	4991.03		0.12	-0.03	0.031
36.00	-43.83	-0.71	0.00	-100.19	0.00	100.19	4296.53	1162.42	5367.16	4925.16		0.13	-0.04	0.031
38.00	-43.22	-0.71	0.00	-98.76	0.00	98.76	4275.57	1152.59	5276.73	4859.38		0.14	-0.04	0.030
40.00	-42.62	-0.71	0.00	-97.34	0.00	97.34	4254.35	1142.76	5187.06	4793.73		0.16	-0.04	0.030
41.00	-42.32	-0.72	0.00	-96.62	0.00	96.62	4243.64	1137.84	5142.51	4760.94		0.17	-0.04	0.030
42.00	-41.74	-0.72	0.00	-95.91	0.00	95.91	4232.86	1132.92	5098.16	4728.19		0.18	-0.04	0.030
44.00	-40.60	-0.72	0.00	-94.47	0.00	94.47	4211.11	1123.09	5010.03	4662.78		0.20	-0.04	0.030
46.00	-39.46	-0.71	0.00	-93.04	0.00	93.04	4189.10	1113.25	4922.67	4597.51		0.22	-0.05	0.030
48.00	-38.33	-0.71	0.00	-91.62	0.00	91.62	4202.19	1119.08	4974.38	4636.19		0.24	-0.05	0.029
50.00	-37.74	-0.71	0.00	-90.19	0.00	90.19	4180.07	1109.25	4887.33	4570.98		0.26	-0.05	0.029
52.00	-37.16	-0.71	0.00	-88.76	0.00	88.76	4157.69	1099.41	4801.05	4505.91		0.28	-0.05	0.029
54.00	-36.58	-0.72	0.00	-87.33	0.00	87.33	4135.04	1089.58	4715.54	4441.00		0.30	-0.06	0.029
56.00	-36.01	-0.72	0.00	-85.90	0.00	85.90	4112.14	1079.74	4630.79	4376.25		0.33	-0.06	0.028
58.00	-35.43	-0.72	0.00	-84.47	0.00	84.47	4088.97	1069.91	4546.82	4311.67		0.35	-0.06	0.028
60.00	-34.87	-0.72	0.00	-83.04	0.00	83.04	4065.54	1060.07	4463.61	4247.27		0.38	-0.06	0.028
62.00	-34.31	-0.72	0.00	-81.61	0.00	81.61	4041.84	1050.24	4381.17	4183.06		0.40	-0.07	0.028
64.00	-33.75	-0.72	0.00	-80.18	0.00	80.18	4017.89	1040.40	4299.50	4119.03		0.43	-0.07	0.028
66.00	-33.20	-0.72	0.00	-78.74	0.00	78.74	3993.67	1030.57	4218.60	4055.21		0.46	-0.07	0.028
68.00	-32.65	-0.72	0.00	-77.31	0.00	77.31	3969.18	1020.73	4138.47	3991.60		0.49	-0.07	0.028
70.00	-31.96	-0.72	0.00	-75.88	0.00	75.88	3944.44	1010.90	4059.10	3928.21		0.52	-0.07	0.027
72.00	-31.42	-0.72	0.00	-74.45	0.00	74.45	3919.43	1001.06	3980.51	3865.04		0.55	-0.08	0.027
74.00	-30.89	-0.72	0.00	-73.02	0.00	73.02	3894.16	991.23	3902.68	3802.10		0.59	-0.08	0.027
76.00	-30.36	-0.72	0.00	-71.59	0.00	71.59	3868.63	981.39	3825.62	3739.40		0.62	-0.08	0.027
78.00	-29.84	-0.72	0.00	-70.16	0.00	70.16	3842.83	971.56	3749.33	3676.95		0.65	-0.09	0.027
80.00	-29.32	-0.71	0.00	-68.73	0.00	68.73	3816.78	961.72	3673.81	3614.75		0.69	-0.09	0.027
81.00	-29.06	-0.71	0.00	-68.01	0.00	68.01	3803.65	956.81	3636.33	3583.75		0.71	-0.09	0.027
81.00	-29.06	-0.71	0.00	-68.01	0.00	68.01	2964.89	798.43	3038.55	2801.11		0.71	-0.09	0.034
82.00	-28.85	-0.72	0.00	-67.30	0.00	67.30	2956.04	794.33	3007.44	2778.31		0.73	-0.09	0.034
84.00	-28.41	-0.71	0.00	-65.87	0.00	65.87	2938.13	786.13	2945.70	2732.80		0.77	-0.09	0.034
85.00	-28.20	-0.72	0.00	-65.15	0.00	65.15	2929.08	782.04	2915.07	2710.08		0.79	-0.10	0.034

Calculated Forces

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 44

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86.00	-27.79	-0.72	0.00	-64.44	0.00	64.44	2919.97	777.94	2884.60	2687.40	0.81	-0.10	0.033
88.00	-26.99	-0.71	0.00	-63.01	0.00	63.01	2901.54	769.74	2824.14	2642.11	0.85	-0.10	0.033
90.00	-26.20	-0.71	0.00	-61.58	0.00	61.58	2882.85	761.55	2764.32	2596.94	0.89	-0.10	0.033
91.00	-25.80	-0.71	0.00	-60.87	0.00	60.87	2898.33	768.33	2813.78	2634.30	0.91	-0.11	0.032
92.00	-25.59	-0.71	0.00	-60.16	0.00	60.16	2889.00	764.23	2783.84	2611.72	0.93	-0.11	0.032
94.00	-25.17	-0.71	0.00	-58.74	0.00	58.74	2870.13	756.03	2724.45	2566.64	0.98	-0.11	0.032
96.00	-24.76	-0.71	0.00	-57.33	0.00	57.33	2851.00	747.84	2665.70	2521.69	1.03	-0.11	0.031
98.00	-24.35	-0.71	0.00	-55.91	0.00	55.91	2831.61	739.64	2607.60	2476.90	1.07	-0.12	0.031
100.00	-23.94	-0.71	0.00	-54.49	0.00	54.49	2811.95	731.45	2550.13	2432.25	1.12	-0.12	0.031
102.00	-23.54	-0.71	0.00	-53.07	0.00	53.07	2792.03	723.25	2493.30	2387.76	1.17	-0.12	0.031
104.00	-23.14	-0.71	0.00	-51.66	0.00	51.66	2771.85	715.06	2437.12	2343.44	1.23	-0.13	0.030
106.00	-22.74	-0.71	0.00	-50.24	0.00	50.24	2751.41	706.86	2381.57	2299.29	1.28	-0.13	0.030
108.00	-22.35	-0.71	0.00	-48.82	0.00	48.82	2730.70	698.66	2326.66	2255.33	1.34	-0.13	0.030
110.00	-21.97	-0.71	0.00	-47.41	0.00	47.41	2709.73	690.47	2272.40	2211.55	1.39	-0.14	0.030
112.00	-21.58	-0.71	0.00	-46.00	0.00	46.00	2688.50	682.27	2218.77	2167.98	1.45	-0.14	0.029
114.00	-21.20	-0.71	0.00	-44.59	0.00	44.59	2667.01	674.08	2165.79	2124.61	1.51	-0.14	0.029
116.00	-20.83	-0.70	0.00	-43.18	0.00	43.18	2645.25	665.88	2113.44	2081.45	1.57	-0.15	0.029
118.00	-20.46	-0.70	0.00	-41.77	0.00	41.77	2623.23	657.69	2061.74	2038.51	1.63	-0.15	0.028
120.00	-20.09	-0.70	0.00	-40.36	0.00	40.36	2600.95	649.49	2010.67	1995.80	1.70	-0.15	0.028
122.00	-19.72	-0.70	0.00	-38.95	0.00	38.95	2578.41	641.29	1960.25	1953.33	1.76	-0.16	0.028
124.00	-19.36	-0.70	0.00	-37.55	0.00	37.55	2555.60	633.10	1910.47	1911.10	1.83	-0.16	0.027
125.00	-19.19	-0.70	0.00	-36.85	0.00	36.85	2544.10	629.00	1885.82	1890.08	1.86	-0.16	0.027
125.00	-19.19	-0.70	0.00	-36.85	0.00	36.85	1882.48	504.07	1513.88	1403.39	1.86	-0.16	0.036
126.00	-19.04	-0.70	0.00	-36.15	0.00	36.15	1875.26	500.79	1494.25	1388.85	1.90	-0.16	0.036
128.00	-18.75	-0.70	0.00	-34.74	0.00	34.74	1860.60	494.24	1455.38	1359.83	1.96	-0.17	0.036
130.00	-18.46	-0.70	0.00	-33.34	0.00	33.34	1845.69	487.68	1417.02	1330.91	2.04	-0.17	0.035
132.00	-17.93	-0.70	0.00	-31.94	0.00	31.94	1830.51	481.12	1379.17	1302.09	2.11	-0.18	0.034
134.00	-17.42	-0.70	0.00	-30.54	0.00	30.54	1815.07	474.57	1341.84	1273.39	2.18	-0.18	0.034
135.00	-17.16	-0.69	0.00	-29.85	0.00	29.85	1823.78	478.25	1362.76	1289.51	2.22	-0.18	0.033
136.00	-17.02	-0.69	0.00	-29.15	0.00	29.15	1816.04	474.97	1344.14	1275.17	2.26	-0.19	0.032
138.00	-16.74	-0.69	0.00	-27.76	0.00	27.76	1800.35	468.42	1307.29	1246.57	2.34	-0.19	0.032
140.00	-16.46	-0.69	0.00	-26.38	0.00	26.38	1784.40	461.86	1270.94	1218.11	2.42	-0.19	0.031
142.00	-16.19	-0.69	0.00	-24.99	0.00	24.99	1768.19	455.30	1235.12	1189.78	2.50	-0.20	0.030
144.00	-15.92	-0.69	0.00	-23.60	0.00	23.60	1751.71	448.75	1199.80	1161.59	2.59	-0.20	0.029
146.00	-15.65	-0.69	0.00	-22.22	0.00	22.22	1734.98	442.19	1165.00	1133.55	2.67	-0.21	0.029
148.00	-15.39	-0.69	0.00	-20.83	0.00	20.83	1717.98	435.63	1130.70	1105.67	2.76	-0.21	0.028
150.00	-15.13	-0.69	0.00	-19.45	0.00	19.45	1700.71	429.08	1096.92	1077.96	2.85	-0.21	0.027
152.00	-14.87	-0.69	0.00	-18.07	0.00	18.07	1683.19	422.52	1063.66	1050.42	2.94	-0.22	0.026
154.00	-14.61	-0.69	0.00	-16.69	0.00	16.69	1665.40	415.96	1030.90	1023.06	3.03	-0.22	0.025
156.00	-14.36	-0.69	0.00	-15.31	0.00	15.31	1647.35	409.41	998.66	995.89	3.12	-0.22	0.024
158.00	-14.11	-0.69	0.00	-13.94	0.00	13.94	1629.04	402.85	966.93	968.91	3.22	-0.23	0.023
160.00	-13.87	-0.69	0.00	-12.56	0.00	12.56	1610.46	396.29	935.71	942.14	3.31	-0.23	0.022
162.00	-13.63	-0.68	0.00	-11.19	0.00	11.19	1591.62	389.74	905.01	915.58	3.41	-0.23	0.021
164.00	-13.39	-0.68	0.00	-9.82	0.00	9.82	1572.52	383.18	874.81	889.24	3.51	-0.24	0.020
165.00	-9.98	-0.51	0.00	-9.14	0.00	9.14	1562.88	379.90	859.91	876.15	3.56	-0.24	0.017
166.00	-9.87	-0.51	0.00	-8.63	0.00	8.63	1553.16	376.62	845.13	863.13	3.61	-0.24	0.016
168.00	-9.66	-0.51	0.00	-7.61	0.00	7.61	1533.53	370.07	815.96	837.25	3.71	-0.24	0.015
170.00	-9.44	-0.51	0.00	-6.60	0.00	6.60	1513.65	363.51	787.30	811.61	3.81	-0.24	0.014
172.00	-9.24	-0.51	0.00	-5.58	0.00	5.58	1493.49	356.96	759.16	786.22	3.91	-0.24	0.013
174.00	-9.03	-0.50	0.00	-4.57	0.00	4.57	1473.08	350.40	731.53	761.10	4.01	-0.25	0.012
175.00	-4.79	-0.21	0.00	-4.07	0.00	4.07	1462.77	347.12	717.90	748.63	4.06	-0.25	0.009
176.00	-4.71	-0.21	0.00	-3.86	0.00	3.86	1452.40	343.84	704.41	736.23	4.12	-0.25	0.008
178.00	-4.54	-0.21	0.00	-3.44	0.00	3.44	1427.84	337.29	677.80	709.84	4.22	-0.25	0.008
180.00	-4.37	-0.21	0.00	-3.03	0.00	3.03	1400.09	330.73	651.70	682.38	4.32	-0.25	0.008
180.00	-4.37	-0.21	0.00	-3.03	0.00	3.03	678.42	203.53	25205.7	396.30	4.32	-0.25	0.014
182.00	-4.19	-0.20	0.00	-2.61	0.00	2.61	678.42	203.53	25205.7	396.30	4.43	-0.25	0.013
184.00	-4.00	-0.20	0.00	-2.21	0.00	2.21	678.42	203.53	25205.7	396.30	4.53	-0.25	0.011

Calculated Forces

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 45	

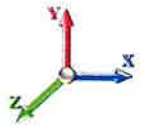
186.00	-3.82	-0.20	0.00	-1.80	0.00	1.80	678.42	203.53	25205.7	396.30	4.64	-0.25	0.010
188.00	-3.64	-0.20	0.00	-1.39	0.00	1.39	678.42	203.53	25205.7	396.30	4.75	-0.25	0.009
190.00	-3.45	-0.20	0.00	-0.99	0.00	0.99	678.42	203.53	25205.7	396.30	4.85	-0.25	0.008
192.00	-3.27	-0.20	0.00	-0.59	0.00	0.59	678.42	203.53	25205.7	396.30	4.96	-0.25	0.006
194.00	-3.09	-0.20	0.00	-0.20	0.00	0.20	678.42	203.53	25205.7	396.30	5.07	-0.25	0.005
195.00	0.00	-0.18	0.00	0.00	0.00	0.00	678.42	203.53	25205.7	396.30	5.12	-0.25	0.000

Seismic Segment Forces (Factored)

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 46	

Tower Engineering Solutions

Load Case: 0.9D + 1.0Ev + 1.0Eh



Gust Response Factor	1.10			**Sds**	0.20	**Iterations**	27
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.09	**Ss**	0.18
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.29	**SA**	0.03	**S1**	0.05
						Seismic Importance Factor	1.00

Top Elev (ft)	Description	Wz (lb)	Hz (lb)	Vertical Ev (lb)	Lateral Fs (lb)	R: 1.50
0.00		0.00	0.00	0.00	0.00	
2.00		556.39	1.00	21.72	0.00	
4.00		552.57	3.00	21.57	0.00	
6.00		548.76	5.00	21.42	0.01	
8.00		544.95	7.00	21.27	0.01	
10.00		541.13	9.00	21.13	0.02	
12.00		537.32	11.00	20.98	0.03	
14.00		533.50	13.00	20.83	0.04	
16.00		529.69	15.00	20.68	0.05	
18.00		525.88	17.00	20.53	0.06	
20.00		522.06	19.00	20.38	0.08	
22.00		518.25	21.00	20.23	0.09	
24.00		514.44	23.00	20.08	0.11	
26.00		510.62	25.00	19.93	0.13	
28.00		506.81	27.00	19.79	0.15	
30.00		502.99	29.00	19.64	0.17	
32.00		499.18	31.00	19.49	0.19	
34.00		495.37	33.00	19.34	0.21	
36.00		491.55	35.00	19.19	0.23	
38.00		487.74	37.00	19.04	0.26	
40.00		483.93	39.00	18.89	0.28	
41.00	Bot - Section 2	240.53	40.50	9.39	0.07	
42.00		462.76	41.50	18.07	0.29	
44.00		919.79	43.00	35.91	1.23	
46.00		912.16	45.00	35.61	1.32	
48.00	Top - Section 1	904.54	47.00	35.31	1.42	
50.00		470.93	49.00	18.39	0.42	
52.00		467.12	51.00	18.24	0.45	
54.00		463.30	53.00	18.09	0.47	
56.00		459.49	55.00	17.94	0.50	
58.00		455.68	57.00	17.79	0.53	
60.00		451.86	59.00	17.64	0.56	
62.00		448.05	61.00	17.49	0.59	
64.00		444.24	63.00	17.34	0.62	
66.00		440.42	65.00	17.19	0.64	
68.00		436.61	67.00	17.05	0.67	
70.00	Appurtenance(s)	556.79	69.00	21.74	1.16	
72.00		428.69	71.00	16.74	0.73	
74.00		424.88	73.00	16.59	0.76	
76.00		421.06	75.00	16.44	0.78	
78.00		417.25	77.00	16.29	0.81	
80.00		413.44	79.00	16.14	0.84	
81.00	Top - Section 2	205.29	80.50	8.01	0.21	
82.00		173.71	81.50	6.78	0.16	
84.00		345.03	83.00	13.47	0.64	
85.00	Bot - Section 4	171.32	84.50	6.69	0.16	

Seismic Segment Forces (Factored)

Structure: CT01497-S-SBA
Site Name: Plymouth 2 CT
Height: 195.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1
Topography: 1

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

7/13/2023

Tower Engineering Solutions

86.00		323.87	85.50	12.64	0.60
88.00		642.97	87.00	25.10	2.46
90.00		636.62	89.00	24.85	2.52
91.00	Top - Section 3	315.92	90.50	12.33	0.64
92.00		167.87	91.50	6.55	0.19
94.00		333.36	93.00	13.01	0.76
96.00		330.18	95.00	12.89	0.77
98.00		327.00	97.00	12.77	0.79
100.00		323.82	99.00	12.64	0.81
102.00		320.64	101.00	12.52	0.82
104.00		317.47	103.00	12.39	0.84
106.00		314.29	105.00	12.27	0.86
108.00		311.11	107.00	12.15	0.87
110.00		307.93	109.00	12.02	0.89
112.00		304.75	111.00	11.90	0.90
114.00		301.58	113.00	11.77	0.91
116.00		298.40	115.00	11.65	0.93
118.00		295.22	117.00	11.53	0.94
120.00		292.04	119.00	11.40	0.95
122.00		288.86	121.00	11.28	0.96
124.00		285.68	123.00	11.15	0.97
125.00	Top - Section 4	141.65	124.50	5.53	0.24
126.00		116.71	125.50	4.56	0.17
128.00		231.52	127.00	9.04	0.68
130.00	Bot - Section 6	228.98	129.00	8.94	0.69
132.00		416.98	131.00	16.28	2.34
134.00		411.89	133.00	16.08	2.36
135.00	Top - Section 5	204.04	134.50	7.97	0.59
136.00		111.71	135.50	4.36	0.18
138.00		221.51	137.00	8.65	0.72
140.00		218.96	139.00	8.55	0.73
142.00		216.42	141.00	8.45	0.73
144.00		213.88	143.00	8.35	0.74
146.00		211.34	145.00	8.25	0.74
148.00		208.79	147.00	8.15	0.74
150.00		206.25	149.00	8.05	0.74
152.00		203.71	151.00	7.95	0.74
154.00		201.17	153.00	7.85	0.74
156.00		198.62	155.00	7.75	0.74
158.00		196.08	157.00	7.66	0.74
160.00		193.54	159.00	7.56	0.74
162.00		191.00	161.00	7.46	0.74
164.00		188.45	163.00	7.36	0.74
165.00	Appurtenance(s)	2748.1	164.50	107.29	160.60
166.00		86.03	165.50	3.36	0.16
168.00		170.16	167.00	6.64	0.63
170.00		167.61	169.00	6.54	0.63
172.00		165.07	171.00	6.44	0.63
174.00		162.53	173.00	6.35	0.62
175.00	Appurtenance(s)	3419.8	174.50	133.51	279.85
176.00		69.36	175.50	2.71	0.12
178.00		136.82	177.00	5.34	0.46
180.00	Top - Section 6	134.27	179.00	5.24	0.45
182.00		147.25	181.00	5.75	0.56
184.00		147.25	183.00	5.75	0.57
186.00		147.25	185.00	5.75	0.58
188.00		147.25	187.00	5.75	0.60

Seismic Segment Forces (Factored)

Structure:	CT01497-S-SBA		**Code:**	TIA-222-H	7/13/2023
Site Name:	Plymouth 2 CT		**Exposure:**	C	
Height:	195.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 48

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190.00			147.25	189.00	5.75	0.61		
192.00			147.25	191.00	5.75	0.62		
194.00			147.25	193.00	5.75	0.63		
195.00	Appurtenance(s)		2492.6	194.50	97.31	184.71		
		Totals:	**44,494.0**		**1,737.0**	**689.1**	**Total Wind:**	**30,365.1**

Calculated Forces

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 49

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Load Case: 0.9D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20			**Iterations**	27
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.09			**Ss**	0.18
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.29	**SA**	0.03			**S1**	0.05
								Seismic Importance Factor	1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-42.12	-0.69	0.00	-123.78	0.00	123.78	4628.91	1339.45	7126.38	6119.66		0.00	0.00	0.029
2.00	-41.59	-0.69	0.00	-122.41	0.00	122.41	4612.68	1329.62	7022.11	6053.16		0.00	0.00	0.029
4.00	-41.07	-0.69	0.00	-121.03	0.00	121.03	4596.18	1319.78	6918.62	5986.64		0.00	0.00	0.029
6.00	-40.55	-0.69	0.00	-119.65	0.00	119.65	4579.43	1309.95	6815.89	5920.10		0.00	-0.01	0.029
8.00	-40.03	-0.69	0.00	-118.27	0.00	118.27	4562.40	1300.11	6713.93	5853.55		0.01	-0.01	0.029
10.00	-39.52	-0.69	0.00	-116.89	0.00	116.89	4545.12	1290.28	6612.74	5787.00		0.01	-0.01	0.029
12.00	-39.01	-0.69	0.00	-115.50	0.00	115.50	4527.57	1280.44	6512.31	5720.46		0.01	-0.01	0.029
14.00	-38.51	-0.70	0.00	-114.11	0.00	114.11	4509.77	1270.61	6412.66	5653.92		0.02	-0.01	0.029
16.00	-38.01	-0.70	0.00	-112.72	0.00	112.72	4491.69	1260.77	6313.77	5587.41		0.02	-0.01	0.029
18.00	-37.51	-0.70	0.00	-111.32	0.00	111.32	4473.36	1250.94	6215.65	5520.93		0.03	-0.02	0.029
20.00	-37.02	-0.70	0.00	-109.93	0.00	109.93	4454.76	1241.10	6118.30	5454.49		0.04	-0.02	0.028
22.00	-36.53	-0.70	0.00	-108.53	0.00	108.53	4435.90	1231.27	6021.72	5388.08		0.05	-0.02	0.028
24.00	-36.04	-0.70	0.00	-107.13	0.00	107.13	4416.78	1221.43	5925.90	5321.73		0.06	-0.02	0.028
26.00	-35.55	-0.70	0.00	-105.73	0.00	105.73	4397.40	1211.60	5830.86	5255.44		0.07	-0.02	0.028
28.00	-35.08	-0.70	0.00	-104.33	0.00	104.33	4377.75	1201.76	5736.58	5189.22		0.08	-0.03	0.028
30.00	-34.60	-0.70	0.00	-102.92	0.00	102.92	4357.84	1191.93	5643.07	5123.07		0.09	-0.03	0.028
32.00	-34.13	-0.70	0.00	-101.51	0.00	101.51	4337.67	1182.09	5550.33	5057.01		0.10	-0.03	0.028
34.00	-33.66	-0.71	0.00	-100.10	0.00	100.10	4317.23	1172.26	5458.36	4991.03		0.11	-0.03	0.028
36.00	-33.19	-0.71	0.00	-98.69	0.00	98.69	4296.53	1162.42	5367.16	4925.16		0.13	-0.03	0.028
38.00	-32.73	-0.71	0.00	-97.28	0.00	97.28	4275.57	1152.59	5276.73	4859.38		0.14	-0.04	0.028
40.00	-32.27	-0.71	0.00	-95.87	0.00	95.87	4254.35	1142.76	5187.06	4793.73		0.16	-0.04	0.028
41.00	-32.04	-0.71	0.00	-95.16	0.00	95.16	4243.64	1137.84	5142.51	4760.94		0.17	-0.04	0.028
42.00	-31.61	-0.71	0.00	-94.45	0.00	94.45	4232.86	1132.92	5098.16	4728.19		0.18	-0.04	0.027
44.00	-30.74	-0.71	0.00	-93.04	0.00	93.04	4211.11	1123.09	5010.03	4662.78		0.19	-0.04	0.027
46.00	-29.88	-0.71	0.00	-91.62	0.00	91.62	4189.10	1113.25	4922.67	4597.51		0.21	-0.05	0.027
48.00	-29.03	-0.71	0.00	-90.21	0.00	90.21	4202.19	1119.08	4974.38	4636.19		0.23	-0.05	0.026
50.00	-28.58	-0.71	0.00	-88.80	0.00	88.80	4180.07	1109.25	4887.33	4570.98		0.25	-0.05	0.026
52.00	-28.14	-0.71	0.00	-87.39	0.00	87.39	4157.69	1099.41	4801.05	4505.91		0.27	-0.05	0.026
54.00	-27.70	-0.71	0.00	-85.98	0.00	85.98	4135.04	1089.58	4715.54	4441.00		0.30	-0.06	0.026
56.00	-27.26	-0.71	0.00	-84.57	0.00	84.57	4112.14	1079.74	4630.79	4376.25		0.32	-0.06	0.026
58.00	-26.83	-0.71	0.00	-83.15	0.00	83.15	4088.97	1069.91	4546.82	4311.67		0.35	-0.06	0.026
60.00	-26.40	-0.71	0.00	-81.74	0.00	81.74	4065.54	1060.07	4463.61	4247.27		0.37	-0.06	0.026
62.00	-25.98	-0.71	0.00	-80.33	0.00	80.33	4041.84	1050.24	4381.17	4183.06		0.40	-0.06	0.026
64.00	-25.56	-0.71	0.00	-78.91	0.00	78.91	4017.89	1040.40	4299.50	4119.03		0.42	-0.07	0.026
66.00	-25.14	-0.71	0.00	-77.50	0.00	77.50	3993.67	1030.57	4218.60	4055.21		0.45	-0.07	0.025
68.00	-24.73	-0.71	0.00	-76.09	0.00	76.09	3969.18	1020.73	4138.47	3991.60		0.48	-0.07	0.025
70.00	-24.20	-0.71	0.00	-74.68	0.00	74.68	3944.44	1010.90	4059.10	3928.21		0.51	-0.07	0.025
72.00	-23.79	-0.71	0.00	-73.27	0.00	73.27	3919.43	1001.06	3980.51	3865.04		0.54	-0.08	0.025
74.00	-23.39	-0.70	0.00	-71.86	0.00	71.86	3894.16	991.23	3902.68	3802.10		0.58	-0.08	0.025
76.00	-22.99	-0.70	0.00	-70.45	0.00	70.45	3868.63	981.39	3825.62	3739.40		0.61	-0.08	0.025
78.00	-22.59	-0.70	0.00	-69.04	0.00	69.04	3842.83	971.56	3749.33	3676.95		0.65	-0.08	0.025
80.00	-22.20	-0.70	0.00	-67.63	0.00	67.63	3816.78	961.72	3673.81	3614.75		0.68	-0.09	0.025
81.00	-22.01	-0.70	0.00	-66.92	0.00	66.92	3803.65	956.81	3636.33	3583.75		0.70	-0.09	0.024
81.00	-22.01	-0.70	0.00	-66.92	0.00	66.92	2964.89	798.43	3038.55	2801.11		0.70	-0.09	0.031
82.00	-21.84	-0.70	0.00	-66.22	0.00	66.22	2956.04	794.33	3007.44	2778.31		0.72	-0.09	0.031
84.00	-21.51	-0.70	0.00	-64.81	0.00	64.81	2938.13	786.13	2945.70	2732.80		0.76	-0.09	0.031
85.00	-21.35	-0.70	0.00	-64.11	0.00	64.11	2929.08	782.04	2915.07	2710.08		0.78	-0.09	0.031

Calculated Forces

Structure: CT01497-S-SBA
Site Name: Plymouth 2 CT
Height: 195.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

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

7/13/2023

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86.00	-21.05	-0.70	0.00	-63.40	0.00	63.40	2919.97	777.94	2884.60	2687.40	0.79	-0.10	0.031
88.00	-20.44	-0.70	0.00	-62.00	0.00	62.00	2901.54	769.74	2824.14	2642.11	0.84	-0.10	0.031
90.00	-19.84	-0.70	0.00	-60.59	0.00	60.59	2882.85	761.55	2764.32	2596.94	0.88	-0.10	0.030
91.00	-19.54	-0.70	0.00	-59.90	0.00	59.90	2898.33	768.33	2813.78	2634.30	0.90	-0.10	0.029
92.00	-19.38	-0.70	0.00	-59.20	0.00	59.20	2889.00	764.23	2783.84	2611.72	0.92	-0.11	0.029
94.00	-19.06	-0.70	0.00	-57.80	0.00	57.80	2870.13	756.03	2724.45	2566.64	0.97	-0.11	0.029
96.00	-18.75	-0.70	0.00	-56.40	0.00	56.40	2851.00	747.84	2665.70	2521.69	1.01	-0.11	0.029
98.00	-18.44	-0.70	0.00	-55.01	0.00	55.01	2831.61	739.64	2607.60	2476.90	1.06	-0.11	0.029
100.00	-18.13	-0.70	0.00	-53.61	0.00	53.61	2811.95	731.45	2550.13	2432.25	1.11	-0.12	0.028
102.00	-17.82	-0.70	0.00	-52.22	0.00	52.22	2792.03	723.25	2493.30	2387.76	1.16	-0.12	0.028
104.00	-17.52	-0.70	0.00	-50.83	0.00	50.83	2771.85	715.06	2437.12	2343.44	1.21	-0.12	0.028
106.00	-17.22	-0.70	0.00	-49.43	0.00	49.43	2751.41	706.86	2381.57	2299.29	1.26	-0.13	0.028
108.00	-16.93	-0.70	0.00	-48.04	0.00	48.04	2730.70	698.66	2326.66	2255.33	1.32	-0.13	0.028
110.00	-16.63	-0.69	0.00	-46.65	0.00	46.65	2709.73	690.47	2272.40	2211.55	1.37	-0.13	0.027
112.00	-16.34	-0.69	0.00	-45.26	0.00	45.26	2688.50	682.27	2218.77	2167.98	1.43	-0.14	0.027
114.00	-16.06	-0.69	0.00	-43.88	0.00	43.88	2667.01	674.08	2165.79	2124.61	1.49	-0.14	0.027
116.00	-15.77	-0.69	0.00	-42.49	0.00	42.49	2645.25	665.88	2113.44	2081.45	1.55	-0.14	0.026
118.00	-15.49	-0.69	0.00	-41.10	0.00	41.10	2623.23	657.69	2061.74	2038.51	1.61	-0.15	0.026
120.00	-15.21	-0.69	0.00	-39.72	0.00	39.72	2600.95	649.49	2010.67	1995.80	1.67	-0.15	0.026
122.00	-14.94	-0.69	0.00	-38.34	0.00	38.34	2578.41	641.29	1960.25	1953.33	1.73	-0.15	0.025
124.00	-14.67	-0.69	0.00	-36.96	0.00	36.96	2555.60	633.10	1910.47	1911.10	1.80	-0.16	0.025
125.00	-14.53	-0.69	0.00	-36.27	0.00	36.27	2544.10	629.00	1885.82	1890.08	1.83	-0.16	0.025
125.00	-14.53	-0.69	0.00	-36.27	0.00	36.27	1882.48	504.07	1513.88	1403.39	1.83	-0.16	0.034
126.00	-14.42	-0.69	0.00	-35.58	0.00	35.58	1875.26	500.79	1494.25	1388.85	1.87	-0.16	0.033
128.00	-14.20	-0.69	0.00	-34.20	0.00	34.20	1860.60	494.24	1455.38	1359.83	1.94	-0.17	0.033
130.00	-13.98	-0.69	0.00	-32.82	0.00	32.82	1845.69	487.68	1417.02	1330.91	2.01	-0.17	0.032
132.00	-13.58	-0.69	0.00	-31.44	0.00	31.44	1830.51	481.12	1379.17	1302.09	2.08	-0.17	0.032
134.00	-13.19	-0.68	0.00	-30.07	0.00	30.07	1815.07	474.57	1341.84	1273.39	2.15	-0.18	0.031
135.00	-13.00	-0.68	0.00	-29.39	0.00	29.39	1823.78	478.25	1362.76	1289.51	2.19	-0.18	0.030
136.00	-12.89	-0.68	0.00	-28.70	0.00	28.70	1816.04	474.97	1344.14	1275.17	2.23	-0.18	0.030
138.00	-12.68	-0.68	0.00	-27.34	0.00	27.34	1800.35	468.42	1307.29	1246.57	2.30	-0.19	0.029
140.00	-12.47	-0.68	0.00	-25.97	0.00	25.97	1784.40	461.86	1270.94	1218.11	2.38	-0.19	0.028
142.00	-12.26	-0.68	0.00	-24.61	0.00	24.61	1768.19	455.30	1235.12	1189.78	2.46	-0.19	0.028
144.00	-12.06	-0.68	0.00	-23.24	0.00	23.24	1751.71	448.75	1199.80	1161.59	2.55	-0.20	0.027
146.00	-11.86	-0.68	0.00	-21.88	0.00	21.88	1734.98	442.19	1165.00	1133.55	2.63	-0.20	0.026
148.00	-11.66	-0.68	0.00	-20.52	0.00	20.52	1717.98	435.63	1130.70	1105.67	2.72	-0.21	0.025
150.00	-11.46	-0.68	0.00	-19.16	0.00	19.16	1700.71	429.08	1096.92	1077.96	2.80	-0.21	0.025
152.00	-11.26	-0.68	0.00	-17.80	0.00	17.80	1683.19	422.52	1063.66	1050.42	2.89	-0.21	0.024
154.00	-11.07	-0.68	0.00	-16.44	0.00	16.44	1665.40	415.96	1030.90	1023.06	2.98	-0.22	0.023
156.00	-10.88	-0.68	0.00	-15.09	0.00	15.09	1647.35	409.41	998.66	995.89	3.07	-0.22	0.022
158.00	-10.69	-0.68	0.00	-13.74	0.00	13.74	1629.04	402.85	966.93	968.91	3.17	-0.22	0.021
160.00	-10.51	-0.68	0.00	-12.38	0.00	12.38	1610.46	396.29	935.71	942.14	3.26	-0.23	0.020
162.00	-10.32	-0.67	0.00	-11.03	0.00	11.03	1591.62	389.74	905.01	915.58	3.36	-0.23	0.019
164.00	-10.14	-0.67	0.00	-9.69	0.00	9.69	1572.52	383.18	874.81	889.24	3.45	-0.23	0.017
165.00	-7.56	-0.50	0.00	-9.01	0.00	9.01	1562.88	379.90	859.91	876.15	3.50	-0.23	0.015
166.00	-7.48	-0.50	0.00	-8.51	0.00	8.51	1553.16	376.62	845.13	863.13	3.55	-0.23	0.015
168.00	-7.32	-0.50	0.00	-7.51	0.00	7.51	1533.53	370.07	815.96	837.25	3.65	-0.24	0.014
170.00	-7.16	-0.50	0.00	-6.50	0.00	6.50	1513.65	363.51	787.30	811.61	3.75	-0.24	0.013
172.00	-7.00	-0.50	0.00	-5.50	0.00	5.50	1493.49	356.96	759.16	786.22	3.85	-0.24	0.012
174.00	-6.84	-0.50	0.00	-4.50	0.00	4.50	1473.08	350.40	731.53	761.10	3.95	-0.24	0.011
175.00	-3.63	-0.20	0.00	-4.01	0.00	4.01	1462.77	347.12	717.90	748.63	4.00	-0.24	0.008
176.00	-3.57	-0.20	0.00	-3.80	0.00	3.80	1452.40	343.84	704.41	736.23	4.05	-0.24	0.008
178.00	-3.44	-0.20	0.00	-3.39	0.00	3.39	1427.84	337.29	677.80	709.84	4.16	-0.25	0.007
180.00	-3.31	-0.20	0.00	-2.99	0.00	2.99	1400.09	330.73	651.70	682.38	4.26	-0.25	0.007
180.00	-3.31	-0.20	0.00	-2.99	0.00	2.99	678.42	203.53	25205.7	396.30	4.26	-0.25	0.012
182.00	-3.17	-0.20	0.00	-2.58	0.00	2.58	678.42	203.53	25205.7	396.30	4.36	-0.25	0.011
184.00	-3.03	-0.20	0.00	-2.18	0.00	2.18	678.42	203.53	25205.7	396.30	4.47	-0.25	0.010

Calculated Forces

Structure: CT01497-S-SBA
Site Name: Plymouth 2 CT
Height: 195.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1
Topography: 1

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

7/13/2023

Tower Engineering Solutions

186.00	-2.90	-0.20	0.00	-1.78	0.00	1.78	678.42	203.53	25205.7	396.30	4.57	-0.25	0.009
188.00	-2.76	-0.20	0.00	-1.38	0.00	1.38	678.42	203.53	25205.7	396.30	4.67	-0.25	0.008
190.00	-2.62	-0.20	0.00	-0.98	0.00	0.98	678.42	203.53	25205.7	396.30	4.78	-0.25	0.006
192.00	-2.48	-0.20	0.00	-0.59	0.00	0.59	678.42	203.53	25205.7	396.30	4.88	-0.25	0.005
194.00	-2.34	-0.19	0.00	-0.19	0.00	0.19	678.42	203.53	25205.7	396.30	4.99	-0.25	0.004
195.00	0.00	-0.18	0.00	0.00	0.00	0.00	678.42	203.53	25205.7	396.30	5.04	-0.25	0.000

Wind Loading - Shaft

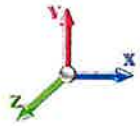
Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 52	

Tower Engineering Solutions

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 29

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	6.464	7.11	297.48	0.630	0.000	0.00	0.000	0.00	0.0	0.0	0.0
2.00		1.00	0.85	6.464	7.11	295.31	0.630	0.000	2.00	10.876	6.85	48.7	0.0	517.5
4.00		1.00	0.85	6.464	7.11	293.13	0.630	0.000	2.00	10.796	6.80	48.4	0.0	513.7
6.00		1.00	0.85	6.464	7.11	290.96	0.630	0.000	2.00	10.717	6.75	48.0	0.0	509.9
8.00		1.00	0.85	6.464	7.11	288.79	0.630	0.000	2.00	10.637	6.70	47.6	0.0	506.1
10.00		1.00	0.85	6.464	7.11	286.62	0.630	0.000	2.00	10.557	6.65	47.3	0.0	502.3
12.00		1.00	0.85	6.464	7.11	284.45	0.630	0.000	2.00	10.478	6.60	46.9	0.0	498.4
14.00		1.00	0.85	6.464	7.11	282.28	0.630	0.000	2.00	10.398	6.55	46.6	0.0	494.6
16.00		1.00	0.86	6.544	7.20	281.83	0.630	0.000	2.00	10.318	6.50	46.8	0.0	490.8
18.00		1.00	0.88	6.708	7.38	283.13	0.630	0.000	2.00	10.239	6.45	47.6	0.0	487.0
20.00		1.00	0.90	6.859	7.54	284.05	0.630	0.000	2.00	10.159	6.40	48.3	0.0	483.2
22.00		1.00	0.92	6.998	7.70	284.66	0.630	0.000	2.00	10.079	6.35	48.9	0.0	479.4
24.00		1.00	0.94	7.127	7.84	285.00	0.630	0.000	2.00	9.999	6.30	49.4	0.0	475.6
26.00		1.00	0.95	7.248	7.97	285.11	0.630	0.000	2.00	9.920	6.25	49.8	0.0	471.7
28.00		1.00	0.97	7.362	8.10	285.02	0.630	0.000	2.00	9.840	6.20	50.2	0.0	467.9
30.00		1.00	0.98	7.470	8.22	284.77	0.630	0.000	2.00	9.760	6.15	50.5	0.0	464.1
32.00		1.00	1.00	7.572	8.33	284.36	0.630	0.000	2.00	9.681	6.10	50.8	0.0	460.3
34.00		1.00	1.01	7.669	8.44	283.81	0.630	0.000	2.00	9.601	6.05	51.0	0.0	456.5
36.00		1.00	1.02	7.762	8.54	283.15	0.630	0.000	2.00	9.521	6.00	51.2	0.0	452.7
38.00		1.00	1.03	7.851	8.64	282.37	0.630	0.000	2.00	9.442	5.95	51.4	0.0	448.9
40.00		1.00	1.04	7.936	8.73	281.49	0.630	0.000	2.00	9.362	5.90	51.5	0.0	445.0
41.00	Bot - Section 2	1.00	1.05	7.978	8.78	281.02	0.630	0.000	1.00	4.651	2.93	25.7	0.0	221.1
42.00		1.00	1.05	8.018	8.82	280.52	0.630	0.000	1.00	4.695	2.96	26.1	0.0	443.3
44.00		1.00	1.06	8.097	8.91	279.47	0.630	0.000	2.00	9.330	5.88	52.4	0.0	880.9
46.00		1.00	1.07	8.173	8.99	278.34	0.630	0.000	2.00	9.250	5.83	52.4	0.0	873.3
48.00	Top - Section 1	1.00	1.08	8.247	9.07	277.14	0.630	0.000	2.00	9.170	5.78	52.4	0.0	865.7
50.00		1.00	1.09	8.318	9.15	279.79	0.630	0.000	2.00	9.091	5.73	52.4	0.0	432.1
52.00		1.00	1.10	8.387	9.23	278.47	0.630	0.000	2.00	9.011	5.68	52.4	0.0	428.2
54.00		1.00	1.11	8.454	9.30	277.10	0.630	0.000	2.00	8.931	5.63	52.3	0.0	424.4
56.00		1.00	1.12	8.519	9.37	275.67	0.630	0.000	2.00	8.851	5.58	52.3	0.0	420.6
58.00		1.00	1.13	8.582	9.44	274.19	0.630	0.000	2.00	8.772	5.53	52.2	0.0	416.8
60.00		1.00	1.14	8.643	9.51	272.66	0.630	0.000	2.00	8.692	5.48	52.1	0.0	413.0
62.00		1.00	1.14	8.703	9.57	271.08	0.630	0.000	2.00	8.612	5.43	51.9	0.0	409.2
64.00		1.00	1.15	8.762	9.64	269.46	0.630	0.000	2.00	8.533	5.38	51.8	0.0	405.4
66.00		1.00	1.16	8.819	9.70	267.80	0.630	0.000	2.00	8.453	5.33	51.7	0.0	401.5
68.00		1.00	1.17	8.874	9.76	266.10	0.630	0.000	2.00	8.373	5.28	51.5	0.0	397.7
70.00	Appurtenance(s)	1.00	1.17	8.929	9.82	264.36	0.630	0.000	2.00	8.294	5.23	51.3	0.0	393.9
72.00		1.00	1.18	8.982	9.88	262.58	0.630	0.000	2.00	8.214	5.17	51.1	0.0	390.1
74.00		1.00	1.19	9.034	9.94	260.77	0.630	0.000	2.00	8.134	5.12	50.9	0.0	386.3
76.00		1.00	1.19	9.085	9.99	258.93	0.630	0.000	2.00	8.055	5.07	50.7	0.0	382.5
78.00		1.00	1.20	9.134	10.05	257.06	0.630	0.000	2.00	7.975	5.02	50.5	0.0	378.7
80.00		1.00	1.21	9.183	10.10	255.16	0.630	0.000	2.00	7.895	4.97	50.2	0.0	374.8
81.00	Top - Section 2	1.00	1.21	9.207	10.13	254.20	0.630	0.000	1.00	3.918	2.47	25.0	0.0	186.0
82.00		1.00	1.21	9.231	10.15	253.23	0.630	0.000	1.00	3.898	2.46	24.9	0.0	154.4
84.00		1.00	1.22	9.278	10.21	251.27	0.630	0.000	2.00	7.736	4.87	49.7	0.0	306.4
85.00	Bot - Section 4	1.00	1.22	9.301	10.23	250.28	0.630	0.000	1.00	3.838	2.42	24.7	0.0	152.0
86.00		1.00	1.23	9.324	10.26	249.28	0.630	0.000	1.00	3.871	2.44	25.0	0.0	304.6

Wind Loading - Shaft

Structure: CT01497-S-SBA
Site Name: Plymouth 2 CT
Height: 195.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1
Topography: 1

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

7/13/2023

Tower Engineering Solutions

88.00	1.00	1.23	9.369	10.31	247.27	0.630	0.000	2.00	7.682	4.84	49.9	0.0	604.4
90.00	1.00	1.24	9.414	10.36	245.24	0.630	0.000	2.00	7.603	4.79	49.6	0.0	598.0
91.00 Top - Section 3	1.00	1.24	9.436	10.38	244.21	0.630	0.000	1.00	3.771	2.38	24.7	0.0	296.6
92.00	1.00	1.24	9.457	10.40	246.67	0.630	0.000	1.00	3.752	2.36	24.6	0.0	148.6
94.00	1.00	1.25	9.500	10.45	244.59	0.630	0.000	2.00	7.443	4.69	49.0	0.0	294.8
96.00	1.00	1.25	9.542	10.50	242.50	0.630	0.000	2.00	7.364	4.64	48.7	0.0	291.6
98.00	1.00	1.26	9.584	10.54	240.38	0.630	0.000	2.00	7.284	4.59	48.4	0.0	288.4
100.00	1.00	1.27	9.625	10.59	238.24	0.630	0.000	2.00	7.204	4.54	48.1	0.0	285.2
102.00	1.00	1.27	9.665	10.63	236.08	0.630	0.000	2.00	7.125	4.49	47.7	0.0	282.1
104.00	1.00	1.28	9.705	10.68	233.91	0.630	0.000	2.00	7.045	4.44	47.4	0.0	278.9
106.00	1.00	1.28	9.744	10.72	231.71	0.630	0.000	2.00	6.965	4.39	47.0	0.0	275.7
108.00	1.00	1.29	9.782	10.76	229.49	0.630	0.000	2.00	6.886	4.34	46.7	0.0	272.5
110.00	1.00	1.29	9.820	10.80	227.26	0.630	0.000	2.00	6.806	4.29	46.3	0.0	269.3
112.00	1.00	1.30	9.857	10.84	225.01	0.630	0.000	2.00	6.726	4.24	45.9	0.0	266.2
114.00	1.00	1.30	9.894	10.88	222.74	0.630	0.000	2.00	6.646	4.19	45.6	0.0	263.0
116.00	1.00	1.31	9.930	10.92	220.46	0.630	0.000	2.00	6.567	4.14	45.2	0.0	259.8
118.00	1.00	1.31	9.966	10.96	218.16	0.630	0.000	2.00	6.487	4.09	44.8	0.0	256.6
120.00	1.00	1.32	10.001	11.00	215.85	0.630	0.000	2.00	6.407	4.04	44.4	0.0	253.4
122.00	1.00	1.32	10.036	11.04	213.52	0.630	0.000	2.00	6.328	3.99	44.0	0.0	250.3
124.00	1.00	1.32	10.071	11.08	211.17	0.630	0.000	2.00	6.248	3.94	43.6	0.0	247.1
125.00 Top - Section 4	1.00	1.33	10.088	11.10	209.99	0.630	0.000	1.00	3.094	1.95	21.6	0.0	122.4
126.00	1.00	1.33	10.105	11.12	208.81	0.630	0.000	1.00	3.074	1.94	21.5	0.0	97.4
128.00	1.00	1.33	10.138	11.15	206.44	0.630	0.000	2.00	6.089	3.84	42.8	0.0	192.9
130.00 Bot - Section 6	1.00	1.34	10.171	11.19	204.05	0.630	0.000	2.00	6.009	3.79	42.4	0.0	190.4
132.00	1.00	1.34	10.204	11.22	201.65	0.630	0.000	2.00	6.014	3.79	42.5	0.0	378.4
134.00	1.00	1.35	10.237	11.26	199.24	0.630	0.000	2.00	5.934	3.74	42.1	0.0	373.3
135.00 Top - Section 5	1.00	1.35	10.253	11.28	198.03	0.630	0.000	1.00	2.937	1.85	20.9	0.0	184.7
136.00	1.00	1.35	10.269	11.30	199.72	0.630	0.000	1.00	2.917	1.84	20.8	0.0	92.4
138.00	1.00	1.35	10.300	11.33	197.29	0.630	0.000	2.00	5.775	3.64	41.2	0.0	182.9
140.00	1.00	1.36	10.331	11.36	194.84	0.630	0.000	2.00	5.695	3.59	40.8	0.0	180.4
142.00	1.00	1.36	10.362	11.40	192.38	0.630	0.000	2.00	5.616	3.54	40.3	0.0	177.8
144.00	1.00	1.37	10.393	11.43	189.91	0.630	0.000	2.00	5.536	3.49	39.9	0.0	175.3
146.00	1.00	1.37	10.423	11.47	187.43	0.630	0.000	2.00	5.456	3.44	39.4	0.0	172.7
148.00	1.00	1.37	10.453	11.50	184.94	0.630	0.000	2.00	5.376	3.39	38.9	0.0	170.2
150.00	1.00	1.38	10.483	11.53	182.43	0.630	0.000	2.00	5.297	3.34	38.5	0.0	167.7
152.00	1.00	1.38	10.512	11.56	179.92	0.630	0.000	2.00	5.217	3.29	38.0	0.0	165.1
154.00	1.00	1.39	10.541	11.59	177.39	0.630	0.000	2.00	5.137	3.24	37.5	0.0	162.6
156.00	1.00	1.39	10.569	11.63	174.86	0.630	0.000	2.00	5.058	3.19	37.0	0.0	160.0
158.00	1.00	1.39	10.598	11.66	172.31	0.630	0.000	2.00	4.978	3.14	36.6	0.0	157.5
160.00	1.00	1.40	10.626	11.69	169.76	0.630	0.000	2.00	4.898	3.09	36.1	0.0	154.9
162.00	1.00	1.40	10.654	11.72	167.19	0.630	0.000	2.00	4.819	3.04	35.6	0.0	152.4
164.00	1.00	1.40	10.681	11.75	164.62	0.630	0.000	2.00	4.739	2.99	35.1	0.0	149.9
165.00 Appurtenance(s)	1.00	1.41	10.695	11.76	163.33	0.630	0.000	1.00	2.340	1.47	17.3	0.0	74.0
166.00	1.00	1.41	10.709	11.78	162.03	0.630	0.000	1.00	2.320	1.46	17.2	0.0	73.3
168.00	1.00	1.41	10.736	11.81	159.44	0.630	0.000	2.00	4.580	2.89	34.1	0.0	144.8
170.00	1.00	1.42	10.762	11.84	156.83	0.630	0.000	2.00	4.500	2.83	33.6	0.0	142.2
172.00	1.00	1.42	10.789	11.87	154.22	0.630	0.000	2.00	4.420	2.78	33.0	0.0	139.7
174.00	1.00	1.42	10.815	11.90	151.60	0.630	0.000	2.00	4.341	2.73	32.5	0.0	137.1
175.00 Appurtenance(s)	1.00	1.42	10.828	11.91	150.29	0.630	0.000	1.00	2.140	1.35	16.1	0.0	67.6
176.00	1.00	1.43	10.841	11.93	148.97	0.630	0.000	1.00	2.120	1.34	15.9	0.0	67.0
178.00	1.00	1.43	10.867	11.95	146.33	0.630	0.000	2.00	4.181	2.63	31.5	0.0	132.1
180.00 Top - Section 6	1.00	1.43	10.893	11.98	143.69	0.630	0.000	2.00	4.102	2.58	31.0	0.0	129.5
182.00	1.00	1.44	10.918	12.01	141.67	0.450	0.000	2.00	4.000	1.80	21.6	0.0	142.5
184.00	1.00	1.44	10.943	12.04	141.83	0.450	0.000	2.00	4.000	1.80	21.7	0.0	142.5
186.00	1.00	1.44	10.968	12.06	141.99	0.450	0.000	2.00	4.000	1.80	21.7	0.0	142.5
188.00	1.00	1.45	10.993	12.09	142.15	0.450	0.000	2.00	4.000	1.80	21.8	0.0	142.5
190.00	1.00	1.45	11.017	12.12	142.31	0.450	0.000	2.00	4.000	1.80	21.8	0.0	142.5

Wind Loading - Shaft

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 54

Tower Engineering Solutions

192.00		1.00	1.45	11.042	12.15	142.47	0.450	0.000	2.00	4.000	1.80	21.9	0.0	142.5
194.00		1.00	1.46	11.066	12.17	142.62	0.450	0.000	2.00	4.000	1.80	21.9	0.0	142.5
195.00	Appurtenance(s)	1.00	1.46	11.078	12.19	142.70	0.450	0.000	1.00	2.000	0.90	11.0	0.0	71.3
								Totals:	**195.00**			**4,271.1**		**32,588.3**

Discrete Appurtenance Forces

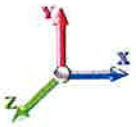
Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 55	

Tower Engineering Solutions

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 29

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	195.00	800 MHz RRH	3	11.090	12.199	0.60	0.90	4.50	159.00	0.000	1.000	54.95	0.00	54.95
2	195.00	APXVSPP18-C-A20	3	11.090	12.199	0.75	0.90	17.97	171.00	0.000	1.000	219.25	0.00	219.25
3	195.00	APXVTM14-C-I20	3	11.090	12.199	0.69	0.90	13.18	168.60	0.000	1.000	160.79	0.00	160.79
4	195.00	1900MHz RRH (65MHz)	3	11.090	12.199	0.60	0.90	5.01	180.00	0.000	1.000	61.13	0.00	61.13
5	195.00	T-Arms w/ Working	3	11.078	12.186	0.56	0.75	27.00	1500.00	0.000	0.000	329.01	0.00	0.00
6	195.00	TD-RRH8x20-25	3	11.090	12.199	0.60	0.90	7.33	210.00	0.000	1.000	89.37	0.00	89.37
7	195.00	ALU 800MHz External	3	11.090	12.199	0.60	0.90	1.41	26.40	0.000	1.000	17.21	0.00	17.21
8	195.00	ACU-A20-N	4	11.090	12.199	0.60	0.90	0.34	4.00	0.000	1.000	4.12	0.00	4.12
9	175.00	(3) T-Arm Kit	1	10.828	11.911	0.56	0.75	9.00	500.00	0.000	0.000	107.20	0.00	0.00
10	175.00	FE15501P77/75	6	10.828	11.911	0.54	0.80	2.28	105.00	0.000	0.000	27.20	0.00	0.00
11	175.00	4449 B71 + B85	3	10.828	11.911	0.54	0.80	3.17	225.00	0.000	0.000	37.73	0.00	0.00
12	175.00	KRY 112 489/2	3	10.828	11.911	0.54	0.80	1.05	46.20	0.000	0.000	12.45	0.00	0.00
13	175.00	KRY 112 144/1	3	10.828	11.911	0.54	0.80	0.66	33.00	0.000	0.000	7.85	0.00	0.00
14	175.00	APXVAALL24_43-U-NA20	3	10.828	11.911	0.56	0.80	34.00	368.40	0.000	0.000	405.02	0.00	0.00
15	175.00	4460 B25 + B66	3	10.828	11.911	0.54	0.80	4.58	312.00	0.000	0.000	54.59	0.00	0.00
16	175.00	AIR6419 B41	3	10.828	11.911	0.61	0.80	6.93	249.90	0.000	0.000	82.56	0.00	0.00
17	175.00	T-Arms w/ Working	3	10.828	11.911	0.56	0.75	27.00	1500.00	0.000	0.000	321.60	0.00	0.00
18	165.00	MT6407-77A	3	10.695	11.764	0.56	0.80	7.88	238.20	0.000	0.000	92.69	0.00	0.00
19	165.00	Low Profile Platform	1	10.695	11.764	1.00	1.00	22.00	1500.00	0.000	0.000	258.82	0.00	0.00
20	165.00	BSF0020F3V1-1	2	10.695	11.764	0.64	0.80	1.52	35.20	0.000	0.000	17.92	0.00	0.00
21	165.00	MX06FRO660-03	6	10.695	11.764	0.70	0.80	41.69	360.00	0.000	0.000	490.47	0.00	0.00
22	165.00	Samsung B5/B13	3	10.695	11.764	0.54	0.80	3.02	210.90	0.000	0.000	35.56	0.00	0.00
23	165.00	Samsung B2/B66A	3	10.695	11.764	0.54	0.80	3.02	253.20	0.000	0.000	35.56	0.00	0.00
24	165.00	Raycap	1	10.695	11.764	0.80	0.80	3.03	32.00	0.000	0.000	35.67	0.00	0.00
25	165.00	91900314	1	10.695	11.764	1.00	1.00	0.00	25.35	0.000	0.000	0.00	0.00	0.00
26	70.00	Side Arm (L. Heavy)	1	8.929	9.821	1.00	1.00	3.50	120.00	0.000	0.000	34.38	0.00	0.00
27	70.00	407577689 Gps	1	8.929	9.821	0.50	1.00	0.46	4.00	0.000	0.000	4.47	0.00	0.00
							Totals:		**8,537.35**			**2,997.57**		

Total Applied Force Summary

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 56	

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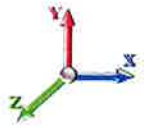
Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 29

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
2.00		48.72	560.71	0.00	0.00
4.00		48.36	556.89	0.00	0.00
6.00		48.01	553.08	0.00	0.00
8.00		47.65	549.27	0.00	0.00
10.00		47.29	545.45	0.00	0.00
12.00		46.94	541.64	0.00	0.00
14.00		46.58	537.82	0.00	0.00
16.00		46.79	534.01	0.00	0.00
18.00		47.60	530.20	0.00	0.00
20.00		48.29	526.38	0.00	0.00
22.00		48.88	522.57	0.00	0.00
24.00		49.39	518.76	0.00	0.00
26.00		49.83	514.94	0.00	0.00
28.00		50.20	511.13	0.00	0.00
30.00		50.53	507.31	0.00	0.00
32.00		50.80	503.50	0.00	0.00
34.00		51.03	499.69	0.00	0.00
36.00		51.22	495.87	0.00	0.00
38.00		51.37	492.06	0.00	0.00
40.00		51.49	488.25	0.00	0.00
41.00		25.71	242.69	0.00	0.00
42.00		26.09	464.92	0.00	0.00
44.00		52.35	924.11	0.00	0.00
46.00		52.39	916.48	0.00	0.00
48.00		52.41	908.86	0.00	0.00
50.00		52.40	475.25	0.00	0.00
52.00		52.37	471.44	0.00	0.00
54.00		52.32	467.62	0.00	0.00
56.00		52.26	463.81	0.00	0.00
58.00		52.17	460.00	0.00	0.00
60.00		52.07	456.18	0.00	0.00
62.00		51.95	452.37	0.00	0.00
64.00		51.81	448.56	0.00	0.00
66.00		51.66	444.74	0.00	0.00
68.00		51.50	440.93	0.00	0.00
70.00	(2) attachments	90.16	561.11	0.00	0.00
72.00		51.13	432.98	0.00	0.00
74.00		50.92	429.17	0.00	0.00
76.00		50.71	425.35	0.00	0.00
78.00		50.48	421.54	0.00	0.00
80.00		50.25	417.73	0.00	0.00
81.00		25.00	207.43	0.00	0.00
82.00		24.93	175.85	0.00	0.00
84.00		49.74	349.32	0.00	0.00
85.00		24.74	173.47	0.00	0.00
86.00		25.01	326.01	0.00	0.00

Total Applied Force Summary

Structure:	CT01497-S-SBA		**Code:**	TIA-222-H	7/13/2023
Site Name:	Plymouth 2 CT		**Exposure:**	C	
Height:	195.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 57

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88.00		49.88	647.26	0.00	0.00
90.00		49.60	640.90	0.00	0.00
91.00		24.66	318.07	0.00	0.00
92.00		24.59	170.01	0.00	0.00
94.00		49.00	337.64	0.00	0.00
96.00		48.70	334.47	0.00	0.00
98.00		48.38	331.29	0.00	0.00
100.00		48.05	328.11	0.00	0.00
102.00		47.72	324.93	0.00	0.00
104.00		47.38	321.75	0.00	0.00
106.00		47.03	318.58	0.00	0.00
108.00		46.68	315.40	0.00	0.00
110.00		46.32	312.22	0.00	0.00
112.00		45.95	309.04	0.00	0.00
114.00		45.57	305.86	0.00	0.00
116.00		45.19	302.69	0.00	0.00
118.00		44.80	299.51	0.00	0.00
120.00		44.41	296.33	0.00	0.00
122.00		44.01	293.15	0.00	0.00
124.00		43.61	289.97	0.00	0.00
125.00		21.63	143.79	0.00	0.00
126.00		21.53	118.86	0.00	0.00
128.00		42.78	235.81	0.00	0.00
130.00		42.36	233.26	0.00	0.00
132.00		42.53	421.26	0.00	0.00
134.00		42.10	416.18	0.00	0.00
135.00		20.87	206.18	0.00	0.00
136.00		20.76	113.85	0.00	0.00
138.00		41.22	225.79	0.00	0.00
140.00		40.78	223.25	0.00	0.00
142.00		40.33	220.71	0.00	0.00
144.00		39.87	218.17	0.00	0.00
146.00		39.41	215.62	0.00	0.00
148.00		38.95	213.08	0.00	0.00
150.00		38.48	210.54	0.00	0.00
152.00		38.00	208.00	0.00	0.00
154.00		37.53	205.45	0.00	0.00
156.00		37.05	202.91	0.00	0.00
158.00		36.56	200.37	0.00	0.00
160.00		36.07	197.83	0.00	0.00
162.00		35.58	195.28	0.00	0.00
164.00		35.08	192.74	0.00	0.00
165.00	(20) attachments	984.04	2750.27	0.00	0.00
166.00		17.21	87.44	0.00	0.00
168.00		34.07	172.98	0.00	0.00
170.00		33.56	170.43	0.00	0.00
172.00		33.05	167.89	0.00	0.00
174.00		32.53	165.35	0.00	0.00
175.00	(28) attachments	1072.26	3421.22	0.00	0.00
176.00		15.93	69.63	0.00	0.00
178.00		31.49	137.34	0.00	0.00
180.00		30.96	134.80	0.00	0.00
182.00		21.62	147.78	0.00	0.00
184.00		21.67	147.78	0.00	0.00
186.00		21.72	147.78	0.00	0.00
188.00		21.77	147.78	0.00	0.00
190.00		21.81	147.78	0.00	0.00

Total Applied Force Summary

Structure:	CT01497-S-SBA		**Code:**	TIA-222-H	7/13/2023
Site Name:	Plymouth 2 CT		**Exposure:**	C	
Height:	195.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 58

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192.00		21.86	147.78	0.00	0.00
194.00		21.91	147.78	0.00	0.00
195.00	(25) attachments	946.79	2492.89	0.00	606.82
	Totals:	**7,268.69**	**44,868.28**	**0.00**	**606.82**

Calculated Forces

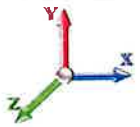
Structure: CT01497-S-SBA
Site Name: Plymouth 2 CT
Height: 195.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

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

7/13/2023

Tower Engineering Solutions

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



Iterations 29

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-44.87	-7.27	0.00	-949.82	0.00	949.82	4628.91	1339.45	7126.38	6119.66	0.00	0.000	0.000	0.165
2.00	-44.30	-7.23	0.00	-935.28	0.00	935.28	4612.68	1329.62	7022.11	6053.16	0.00	-0.014	0.000	0.164
4.00	-43.75	-7.19	0.00	-920.82	0.00	920.82	4596.18	1319.78	6918.62	5986.64	0.01	-0.027	0.000	0.163
6.00	-43.19	-7.16	0.00	-906.43	0.00	906.43	4579.43	1309.95	6815.89	5920.10	0.03	-0.041	0.000	0.163
8.00	-42.64	-7.12	0.00	-892.12	0.00	892.12	4562.40	1300.11	6713.93	5853.55	0.05	-0.055	0.000	0.162
10.00	-42.09	-7.08	0.00	-877.88	0.00	877.88	4545.12	1290.28	6612.74	5787.00	0.07	-0.069	0.000	0.161
12.00	-41.55	-7.04	0.00	-863.72	0.00	863.72	4527.57	1280.44	6512.31	5720.46	0.10	-0.083	0.000	0.160
14.00	-41.01	-7.01	0.00	-849.63	0.00	849.63	4509.77	1270.61	6412.66	5653.92	0.14	-0.097	0.000	0.159
16.00	-40.48	-6.97	0.00	-835.62	0.00	835.62	4491.69	1260.77	6313.77	5587.41	0.19	-0.111	0.000	0.159
18.00	-39.94	-6.93	0.00	-821.68	0.00	821.68	4473.36	1250.94	6215.65	5520.93	0.23	-0.125	0.000	0.158
20.00	-39.42	-6.89	0.00	-807.82	0.00	807.82	4454.76	1241.10	6118.30	5454.49	0.29	-0.139	0.000	0.157
22.00	-38.89	-6.85	0.00	-794.04	0.00	794.04	4435.90	1231.27	6021.72	5388.08	0.35	-0.154	0.000	0.156
24.00	-38.37	-6.81	0.00	-780.34	0.00	780.34	4416.78	1221.43	5925.90	5321.73	0.42	-0.168	0.000	0.155
26.00	-37.85	-6.77	0.00	-766.72	0.00	766.72	4397.40	1211.60	5830.86	5255.44	0.49	-0.183	0.000	0.155
28.00	-37.34	-6.72	0.00	-753.19	0.00	753.19	4377.75	1201.76	5736.58	5189.22	0.57	-0.198	0.000	0.154
30.00	-36.83	-6.68	0.00	-739.74	0.00	739.74	4357.84	1191.93	5643.07	5123.07	0.66	-0.213	0.000	0.153
32.00	-36.33	-6.64	0.00	-726.37	0.00	726.37	4337.67	1182.09	5550.33	5057.01	0.75	-0.227	0.000	0.152
34.00	-35.83	-6.60	0.00	-713.10	0.00	713.10	4317.23	1172.26	5458.36	4991.03	0.85	-0.243	0.000	0.151
36.00	-35.33	-6.55	0.00	-699.91	0.00	699.91	4296.53	1162.42	5367.16	4925.16	0.96	-0.258	0.000	0.150
38.00	-34.84	-6.51	0.00	-686.80	0.00	686.80	4275.57	1152.59	5276.73	4859.38	1.07	-0.273	0.000	0.150
40.00	-34.35	-6.46	0.00	-673.79	0.00	673.79	4254.35	1142.76	5187.06	4793.73	1.18	-0.288	0.000	0.149
41.00	-34.10	-6.44	0.00	-667.33	0.00	667.33	4243.64	1137.84	5142.51	4760.94	1.25	-0.296	0.000	0.148
42.00	-33.64	-6.42	0.00	-660.89	0.00	660.89	4232.86	1132.92	5098.16	4728.19	1.31	-0.304	0.000	0.148
44.00	-32.71	-6.37	0.00	-648.06	0.00	648.06	4211.11	1123.09	5010.03	4662.78	1.44	-0.319	0.000	0.147
46.00	-31.79	-6.32	0.00	-635.33	0.00	635.33	4189.10	1113.25	4922.67	4597.51	1.58	-0.335	0.000	0.146
48.00	-30.88	-6.27	0.00	-622.69	0.00	622.69	4202.19	1119.08	4974.38	4636.19	1.72	-0.351	0.000	0.142
50.00	-30.41	-6.22	0.00	-610.15	0.00	610.15	4180.07	1109.25	4887.33	4570.98	1.87	-0.366	0.000	0.141
52.00	-29.93	-6.17	0.00	-597.71	0.00	597.71	4157.69	1099.41	4801.05	4505.91	2.03	-0.382	0.000	0.140
54.00	-29.46	-6.13	0.00	-585.36	0.00	585.36	4135.04	1089.58	4715.54	4441.00	2.19	-0.397	0.000	0.139
56.00	-29.00	-6.08	0.00	-573.11	0.00	573.11	4112.14	1079.74	4630.79	4376.25	2.36	-0.412	0.000	0.138
58.00	-28.54	-6.03	0.00	-560.95	0.00	560.95	4088.97	1069.91	4546.82	4311.67	2.54	-0.428	0.000	0.137
60.00	-28.08	-5.98	0.00	-548.88	0.00	548.88	4065.54	1060.07	4463.61	4247.27	2.72	-0.444	0.000	0.136
62.00	-27.63	-5.94	0.00	-536.92	0.00	536.92	4041.84	1050.24	4381.17	4183.06	2.91	-0.459	0.000	0.135
64.00	-27.18	-5.89	0.00	-525.05	0.00	525.05	4017.89	1040.40	4299.50	4119.03	3.10	-0.475	0.000	0.134
66.00	-26.73	-5.84	0.00	-513.27	0.00	513.27	3993.67	1030.57	4218.60	4055.21	3.31	-0.491	0.000	0.133
68.00	-26.29	-5.79	0.00	-501.59	0.00	501.59	3969.18	1020.73	4138.47	3991.60	3.52	-0.507	0.000	0.132
70.00	-25.73	-5.70	0.00	-490.01	0.00	490.01	3944.44	1010.90	4059.10	3928.21	3.73	-0.523	0.000	0.131
72.00	-25.29	-5.66	0.00	-478.60	0.00	478.60	3919.43	1001.06	3980.51	3865.04	3.95	-0.539	0.000	0.130
74.00	-24.86	-5.61	0.00	-467.29	0.00	467.29	3894.16	991.23	3902.68	3802.10	4.18	-0.556	0.000	0.129
76.00	-24.44	-5.56	0.00	-456.07	0.00	456.07	3868.63	981.39	3825.62	3739.40	4.42	-0.572	0.000	0.128
78.00	-24.01	-5.51	0.00	-444.95	0.00	444.95	3842.83	971.56	3749.33	3676.95	4.66	-0.588	0.000	0.127
80.00	-23.60	-5.46	0.00	-433.93	0.00	433.93	3816.78	961.72	3673.81	3614.75	4.91	-0.605	0.000	0.126
81.00	-23.39	-5.44	0.00	-428.46	0.00	428.46	3803.65	956.81	3636.33	3583.75	5.04	-0.613	0.000	0.126
81.00	-23.39	-5.44	0.00	-428.46	0.00	428.46	2964.89	798.43	3038.55	2801.11	5.04	-0.613	0.000	0.161
82.00	-23.21	-5.42	0.00	-423.03	0.00	423.03	2956.04	794.33	3007.44	2778.31	5.17	-0.622	0.000	0.160
84.00	-22.86	-5.37	0.00	-412.19	0.00	412.19	2938.13	786.13	2945.70	2732.80	5.44	-0.642	0.000	0.159
85.00	-22.69	-5.35	0.00	-406.82	0.00	406.82	2929.08	782.04	2915.07	2710.08	5.57	-0.652	0.000	0.158
86.00	-22.36	-5.33	0.00	-401.47	0.00	401.47	2919.97	777.94	2884.60	2687.40	5.71	-0.662	0.000	0.157

Calculated Forces

Structure: CT01497-S-SBA
Site Name: Plymouth 2 CT
Height: 195.00 (ft)
Base Elev: 0.000 (ft)
Gh: 1.1 **Topography:** 1

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

7/13/2023

TES Tower Engineering Solutions

88.00	-21.71	-5.28	0.00	-390.82	0.00	390.82	2901.54	769.74	2824.14	2642.11	5.99	-0.682	0.000	0.155
90.00	-21.07	-5.22	0.00	-380.27	0.00	380.27	2882.85	761.55	2764.32	2596.94	6.28	-0.702	0.000	0.154
91.00	-20.75	-5.20	0.00	-375.05	0.00	375.05	2898.33	768.33	2813.78	2634.30	6.43	-0.712	0.000	0.150
92.00	-20.58	-5.18	0.00	-369.85	0.00	369.85	2889.00	764.23	2783.84	2611.72	6.58	-0.723	0.000	0.149
94.00	-20.24	-5.13	0.00	-359.50	0.00	359.50	2870.13	756.03	2724.45	2566.64	6.89	-0.742	0.000	0.147
96.00	-19.91	-5.08	0.00	-349.23	0.00	349.23	2851.00	747.84	2665.70	2521.69	7.20	-0.762	0.000	0.146
98.00	-19.57	-5.04	0.00	-339.06	0.00	339.06	2831.61	739.64	2607.60	2476.90	7.52	-0.782	0.000	0.144
100.00	-19.24	-4.99	0.00	-328.99	0.00	328.99	2811.95	731.45	2550.13	2432.25	7.86	-0.801	0.000	0.142
102.00	-18.92	-4.95	0.00	-319.00	0.00	319.00	2792.03	723.25	2493.30	2387.76	8.20	-0.821	0.000	0.140
104.00	-18.60	-4.90	0.00	-309.11	0.00	309.11	2771.85	715.06	2437.12	2343.44	8.54	-0.841	0.000	0.139
106.00	-18.28	-4.86	0.00	-299.31	0.00	299.31	2751.41	706.86	2381.57	2299.29	8.90	-0.861	0.000	0.137
108.00	-17.96	-4.81	0.00	-289.59	0.00	289.59	2730.70	698.66	2326.66	2255.33	9.27	-0.881	0.000	0.135
110.00	-17.65	-4.77	0.00	-279.97	0.00	279.97	2709.73	690.47	2272.40	2211.55	9.64	-0.901	0.000	0.133
112.00	-17.34	-4.72	0.00	-270.44	0.00	270.44	2688.50	682.27	2218.77	2167.98	10.02	-0.921	0.000	0.131
114.00	-17.03	-4.68	0.00	-261.00	0.00	261.00	2667.01	674.08	2165.79	2124.61	10.41	-0.941	0.000	0.129
116.00	-16.73	-4.63	0.00	-251.65	0.00	251.65	2645.25	665.88	2113.44	2081.45	10.81	-0.961	0.000	0.127
118.00	-16.43	-4.59	0.00	-242.38	0.00	242.38	2623.23	657.69	2061.74	2038.51	11.22	-0.981	0.000	0.125
120.00	-16.13	-4.54	0.00	-233.21	0.00	233.21	2600.95	649.49	2010.67	1995.80	11.63	-1.001	0.000	0.123
122.00	-15.84	-4.50	0.00	-224.12	0.00	224.12	2578.41	641.29	1960.25	1953.33	12.06	-1.021	0.000	0.121
124.00	-15.54	-4.46	0.00	-215.12	0.00	215.12	2555.60	633.10	1910.47	1911.10	12.49	-1.041	0.000	0.119
125.00	-15.40	-4.43	0.00	-210.66	0.00	210.66	2544.10	629.00	1885.82	1890.08	12.71	-1.051	0.000	0.118
125.00	-15.40	-4.43	0.00	-210.66	0.00	210.66	1882.48	504.07	1513.88	1403.39	12.71	-1.051	0.000	0.158
126.00	-15.28	-4.42	0.00	-206.23	0.00	206.23	1875.26	500.79	1494.25	1388.85	12.93	-1.061	0.000	0.157
128.00	-15.04	-4.37	0.00	-197.40	0.00	197.40	1860.60	494.24	1455.38	1359.83	13.38	-1.086	0.000	0.153
130.00	-14.81	-4.33	0.00	-188.65	0.00	188.65	1845.69	487.68	1417.02	1330.91	13.84	-1.110	0.000	0.150
132.00	-14.39	-4.29	0.00	-179.98	0.00	179.98	1830.51	481.12	1379.17	1302.09	14.31	-1.135	0.000	0.146
134.00	-13.97	-4.24	0.00	-171.40	0.00	171.40	1815.07	474.57	1341.84	1273.39	14.79	-1.159	0.000	0.142
135.00	-13.76	-4.22	0.00	-167.16	0.00	167.16	1823.78	478.25	1362.76	1289.51	15.03	-1.171	0.000	0.137
136.00	-13.65	-4.20	0.00	-162.94	0.00	162.94	1816.04	474.97	1344.14	1275.17	15.28	-1.183	0.000	0.135
138.00	-13.42	-4.16	0.00	-154.53	0.00	154.53	1800.35	468.42	1307.29	1246.57	15.78	-1.206	0.000	0.131
140.00	-13.20	-4.12	0.00	-146.21	0.00	146.21	1784.40	461.86	1270.94	1218.11	16.29	-1.228	0.000	0.128
142.00	-12.98	-4.08	0.00	-137.96	0.00	137.96	1768.19	455.30	1235.12	1189.78	16.81	-1.250	0.000	0.123
144.00	-12.76	-4.04	0.00	-129.80	0.00	129.80	1751.71	448.75	1199.80	1161.59	17.34	-1.272	0.000	0.119
146.00	-12.54	-4.00	0.00	-121.72	0.00	121.72	1734.98	442.19	1165.00	1133.55	17.88	-1.293	0.000	0.115
148.00	-12.33	-3.96	0.00	-113.71	0.00	113.71	1717.98	435.63	1130.70	1105.67	18.42	-1.314	0.000	0.110
150.00	-12.12	-3.92	0.00	-105.79	0.00	105.79	1700.71	429.08	1096.92	1077.96	18.98	-1.334	0.000	0.105
152.00	-11.91	-3.89	0.00	-97.94	0.00	97.94	1683.19	422.52	1063.66	1050.42	19.54	-1.354	0.000	0.100
154.00	-11.70	-3.85	0.00	-90.17	0.00	90.17	1665.40	415.96	1030.90	1023.06	20.11	-1.373	0.000	0.095
156.00	-11.50	-3.81	0.00	-82.48	0.00	82.48	1647.35	409.41	998.66	995.89	20.69	-1.392	0.000	0.090
158.00	-11.30	-3.77	0.00	-74.86	0.00	74.86	1629.04	402.85	966.93	968.91	21.28	-1.409	0.000	0.084
160.00	-11.10	-3.73	0.00	-67.32	0.00	67.32	1610.46	396.29	935.71	942.14	21.87	-1.426	0.000	0.078
162.00	-10.91	-3.70	0.00	-59.86	0.00	59.86	1591.62	389.74	905.01	915.58	22.47	-1.442	0.000	0.072
164.00	-10.71	-3.66	0.00	-52.47	0.00	52.47	1572.52	383.18	874.81	889.24	23.08	-1.456	0.000	0.066
165.00	-7.99	-2.60	0.00	-48.81	0.00	48.81	1562.88	379.90	859.91	876.15	23.39	-1.463	0.000	0.061
166.00	-7.90	-2.59	0.00	-46.20	0.00	46.20	1553.16	376.62	845.13	863.13	23.69	-1.470	0.000	0.059
168.00	-7.73	-2.55	0.00	-41.03	0.00	41.03	1533.53	370.07	815.96	837.25	24.31	-1.482	0.000	0.054
170.00	-7.56	-2.51	0.00	-35.93	0.00	35.93	1513.65	363.51	787.30	811.61	24.94	-1.494	0.000	0.049
172.00	-7.39	-2.48	0.00	-30.91	0.00	30.91	1493.49	356.96	759.16	786.22	25.56	-1.505	0.000	0.044
174.00	-7.23	-2.44	0.00	-25.95	0.00	25.95	1473.08	350.40	731.53	761.10	26.20	-1.514	0.000	0.039
175.00	-3.84	-1.28	0.00	-23.51	0.00	23.51	1462.77	347.12	717.90	748.63	26.51	-1.519	0.000	0.034
176.00	-3.77	-1.26	0.00	-22.23	0.00	22.23	1452.40	343.84	704.41	736.23	26.83	-1.523	0.000	0.033
178.00	-3.63	-1.23	0.00	-19.71	0.00	19.71	1427.84	337.29	677.80	709.84	27.47	-1.531	0.000	0.030
180.00	-3.50	-1.19	0.00	-17.26	0.00	17.26	1400.09	330.73	651.70	682.38	28.11	-1.538	0.000	0.028
180.00	-3.50	-1.19	0.00	-17.26	0.00	17.26	678.42	203.53	25205.7	396.30	28.11	-1.538	0.000	0.049
182.00	-3.35	-1.17	0.00	-14.87	0.00	14.87	678.42	203.53	25205.7	396.30	28.76	-1.545	0.000	0.042
184.00	-3.20	-1.14	0.00	-12.54	0.00	12.54	678.42	203.53	25205.7	396.30	29.41	-1.550	0.000	0.036
186.00	-3.05	-1.12	0.00	-10.25	0.00	10.25	678.42	203.53	25205.7	396.30	30.06	-1.554	0.000	0.030

Calculated Forces

Structure:	CT01497-S-SBA	**Code:**	TIA-222-H	7/13/2023	
Site Name:	Plymouth 2 CT	**Exposure:**	C		
Height:	195.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 61

188.00	-2.91	-1.09	0.00	-8.02	0.00	8.02	678.42	203.53	25205.7	396.30	30.71	-1.558	0.000	0.025
190.00	-2.76	-1.07	0.00	-5.83	0.00	5.83	678.42	203.53	25205.7	396.30	31.36	-1.561	0.000	0.019
192.00	-2.61	-1.04	0.00	-3.70	0.00	3.70	678.42	203.53	25205.7	396.30	32.02	-1.563	0.000	0.013
194.00	-2.47	-1.01	0.00	-1.62	0.00	1.62	678.42	203.53	25205.7	396.30	32.67	-1.564	0.000	0.008
195.00	0.00	-0.95	0.00	-0.61	0.00	0.61	678.42	203.53	25205.7	396.30	33.00	-1.564	0.000	0.002

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 116 mph Wind	30.4	0.00	53.83	0.00	0.00	3998.90
0.9D + 1.0W 116 mph Wind	30.4	0.00	40.37	0.00	0.00	3946.01
1.2D + 1.0Di + 1.0Wi 50 mph Wind	9.9	0.00	71.11	0.00	0.00	1260.24
1.2D + 1.0Ev + 1.0Eh	0.7	0.00	55.62	0.00	0.00	125.41
0.9D + 1.0Ev + 1.0Eh	0.7	0.00	42.12	0.00	0.00	123.78
1.0D + 1.0W 60 mph Wind	7.3	0.00	44.87	0.00	0.00	949.82

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 116 mph Wind	-53.83	-30.39	0.00	-3998.9	0.00	-3998.9	4628.91	1339.4	7126.38	6119.66	0.00	0.666
0.9D + 1.0W 116 mph Wind	-40.37	-30.38	0.00	-3946.0	0.00	-3946.0	4628.91	1339.4	7126.38	6119.66	0.00	0.654
1.2D + 1.0Di + 1.0Wi 50 mph Wind	-71.11	-9.88	0.00	-1260.2	0.00	-1260.2	4628.91	1339.4	7126.38	6119.66	0.00	0.221
1.2D + 1.0Ev + 1.0Eh	-19.19	-0.70	0.00	-36.85	0.00	-36.85	2544.10	629.00	1885.82	1890.08	125.00	0.036
0.9D + 1.0Ev + 1.0Eh	-14.53	-0.69	0.00	-36.27	0.00	-36.27	2544.10	629.00	1885.82	1890.08	125.00	0.034
1.0D + 1.0W 60 mph Wind	-44.87	-7.27	0.00	-949.82	0.00	-949.82	4628.91	1339.4	7126.38	6119.66	0.00	0.165

Monopole Mat Foundation Design

			Date: 7/12/2023
Customer Name:	SBA Communcations Corp	TIA Standard:	EIA-222-G
Site Name:		Structure Height (Ft.):	195
Site Number:	CT01497-A-SBA	Engineer Name:	J. Tibbetts
Engr. Number:	127609	Engineer Login ID:	

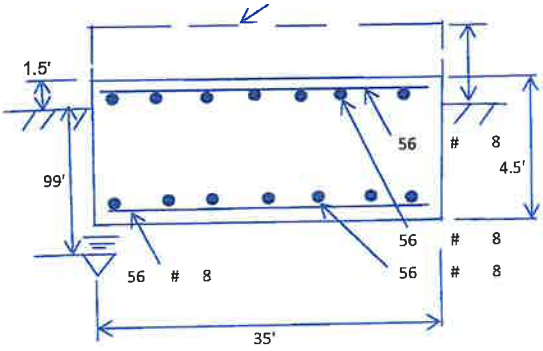
Foundation Info Obtained from: Mapping Operation

Structure Type: Monopole

Analysis or Design? Analysis

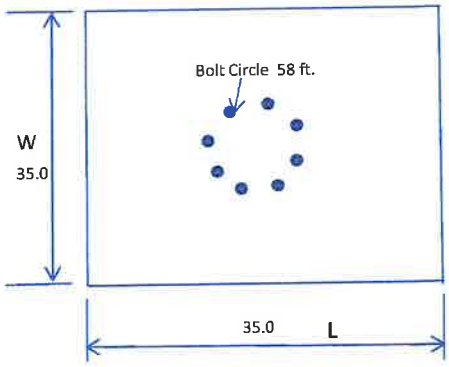
Base Reactions (Factored):

Axial Load (Kips):	53.8	Shear Force (Kips):	30.4
Uplift Force (Kips):	0.0	Moment (Kips-ft):	3998.9



Foundation Geometries:

		Mods required -Yes/No ?:	No
Anchor Bolt Circle (ft.):	58.00	Depth of Base BG (ft.):	3.00
Thickness of Pad (ft):	4.50		
Length of Pad (ft.):	35	Width of Pad (ft.):	35
Final Length of pad (ft)	35.0	Final width of pad (ft):	35.0



Material Properties and Reabr Info:

Concrete Strength (psi):	3000	Steel Elastic Modulus:	29000	ksi
Pad Rebar Yield (Ksi):	60	Tie Spacing (in):	12.0	
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):	56	Qty. of Rebar in Pad (W):	56	
Rebar at the top of the concrete pad:				
Qty. of Rebar in Pad (L):	56	Qty. of Rebar in Pad (W):	56	

Soil Design Parameters:

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):	30000	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.):	0.00	Total Dry Soil Weight (Kips):	0.00
Total Buoyant Soil Volume (cu. Ft.):	0.00	Total Buoyant Soil Weight (Kips):	0.00
Total Effective Soil Weight (Kips):	0.00	Weight from the Concrete Block at Top (K):	0.00
Total Dry Concrete Volume (cu. Ft.):	5512.50	Total Dry Concrete Weight (Kips):	826.88
Total Buoyant Concrete Volume (cu. Ft.):	0.00	Total Buoyant Concrete Weight (Kips):	0.00
Total Effective Concrete Weight (Kips):	826.88	Total Vertical Load on Base (Kips):	880.69

Check Soil Capacities:

					Load/ Capacity Ratio	
Calculated Maxium Net Soil Pressure under the base (psf):	1561	<	Allowable Factored Soil Bearing (psf):	22500	0.07	OK!
Allowable Foundation Overturning Resistance (kips-ft.):	13965.0	>	Design Factored Momont (kips-ft):	4137	0.30	OK!
Factor of Safety Against Overturning (O. R. Moment/Design Moment):	3.38	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	

Concrete Pad:

One-Way Design Shear Capacity (L-Direction, Kips):	1742.6	>	One-Way Factored Shear (L-D. Kips):	0.0	0.00	OK!
One-Way Design Shear Capacity (W-Direction, Kips):	1742.6	>	One-Way Factored Shear (W-D., Kips)	0.0	0.00	OK!
One-Way Design Shear Capacity (Corner-Corner. Kips):	448.2	>	One-Way Factored Shear (C-C, Kips):	31.6	0.07	OK!
Lower Steel Pad Reinforcement Ratio (L-Direct.):	0.0021	OK!	Lower Steel Pad Reinf. Ratio (W-Direc	0.0021		
Lower Steel Pad Moment Capacity (L-Direction. Kips-ft):	9806.8	>	Moment at Bottom (L-Direct. K-Ft):	0.0	0.00	OK!
Lower Steel Pad Moment Capacity (W-Direction. Kips-ft):	9806.8	>	Moment at Bottom (W-Direct. K-Ft):	0.0	0.00	OK!
Lower Steel Pad Moment Capacity (Corner-Corner,K-ft):	16136.1	>	Moment at Bottom (C-C Dir. K-Ft):	0.0	0.00	OK!
Upper Steel Pad Reinforcement Ratio (L-Direct.):	0.0021	OK!	Upper Steel Reinf. Ratio (W-Direct.):	0.0021		
Upper Steel Pad Moment Capacity (L-Direction. Kips-ft):	9806.8	>	Moment at the top (L-Dir Kips-Ft):	113.2	0.01	OK!
Upper Steel Pad Moment Capacity (W-Direction. Kips-ft):	9806.8	>	Moment at the top (W-Dir Kips-Ft):	113.2	0.01	OK!
Upper Steel Pad Moment Capacity (Corner-Corner. K-ft):	16136.1	>	Moment at the top (C-C Direc. K-Ft):	-6.1	0.00	OK!

Colliers Engineering & Design CT, PC
1055 Washington Boulevard
Stamford, CT 06901
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Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10206276
Colliers Engineering & Design CT, PC Project #: 23777041 (Rev. 1)

August 1, 2023

Site Information	*Site ID:*	*5000245391-VZW / PLYMOUTH NW CT*
	Site Name:	*PLYMOUTH NW CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*297 North Adams Street* *Plymouth, Connecticut 06782* *Litchfield County*
	Latitude:	*41.693319°*
	Longitude:	*-73.053711°*
Structure Information	*Tower Type:*	*170-Ft Self Support*
	Mount Type:	*14.00-Ft Platform*

FUZE ID # 17123735

Analysis Results

Platform: **74.5% Pass***

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

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

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

Report Prepared By: Frank Centone

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS, Site ID: 324688, dated December 15, 2020*
Mount Mapping Report	*Level-Up Towers, Site ID: 467291, dated February 21, 2021*
Previous Mount Modification Report	*Maser Consulting Connecticut, Project #: 21777098A, dated May 5, 2021*
Filter Add Scope	*Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	115 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.971
Seismic Parameters:	S_S:	0.178 g
	S_1:	0.054 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Load, Lv:	250 lbs.
	Maintenance Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
165.00	165.00	6	JMA Wireless	MX06FRO660-03	Retained
		3	Samsung	MT6407-77A	
		6	Antel	LPA-80080/6CF	
		1	RFS	DB-C1-12C-24AB-0Z	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Kaelus	BSF0020F3V1-1	Added

Any proposed antennas not currently installed should be mounted such that the centerline of the antennas does not exceed 6 inches vertically from the center of the antenna mount(s).

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	16.7 %	Pass
Standoff Horizontal	34.8 %	Pass
Platform Crossmember	18.1 %	Pass
Mount Pipe	28.7 %	Pass
Mount Pipe 2.5	20.0 %	Pass
Corner Plate	18.5 %	Pass
Grating Support	16.5 %	Pass
Cross Arm Plate	36.0 %	Pass
Support Rail	15.9 %	Pass
Support Rail Corner	11.6 %	Pass
Mount Connection	74.5 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**74.5%**

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	25.4	25.4	43.4	43.4
0.5	32.9	32.9	58.1	58.1
1	40.0	40.0	72.4	72.4

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

BASELINE mount weight per SBA agreement: 2269.63 lbs

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

The weights listed above include 3 sector(s).

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 to verify that all equipment and modifications per previous mount analysis and modification drawings report by Maser Consulting Connecticut, Project #: 21777098A, dated May 5, 2021 has been installed.

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 #: 5000245391 SMART Project #: 10206276 Fuze Project ID: 17123735

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 to verify that all equipment and modifications per previous mount analysis and modification drawings report by Maser Consulting Connecticut, Project #: 21777098A, dated May 5, 2021 has been installed.

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: 5000245391-VZW - PLYMOUTH NW CT

Sector: A

Structure Type: Self Support

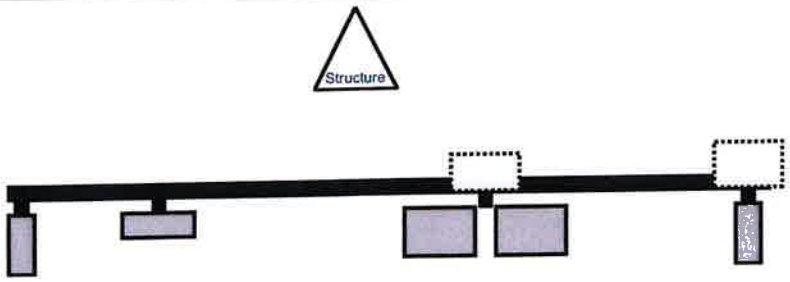
Mount Elev: 165.00

10206276

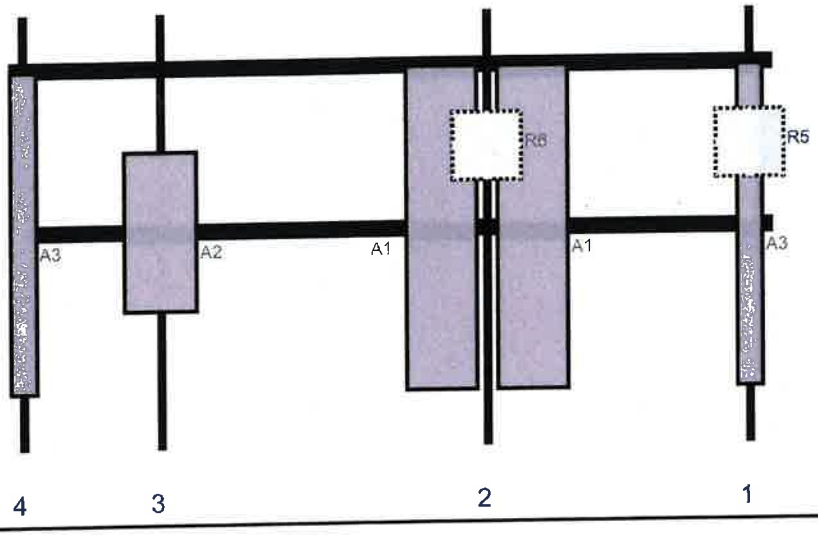
7/10/2023

Colliers Engineering & Design

Plan View



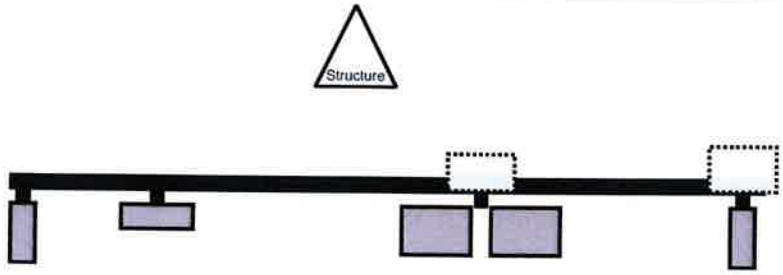
Front View - Looking at Structure



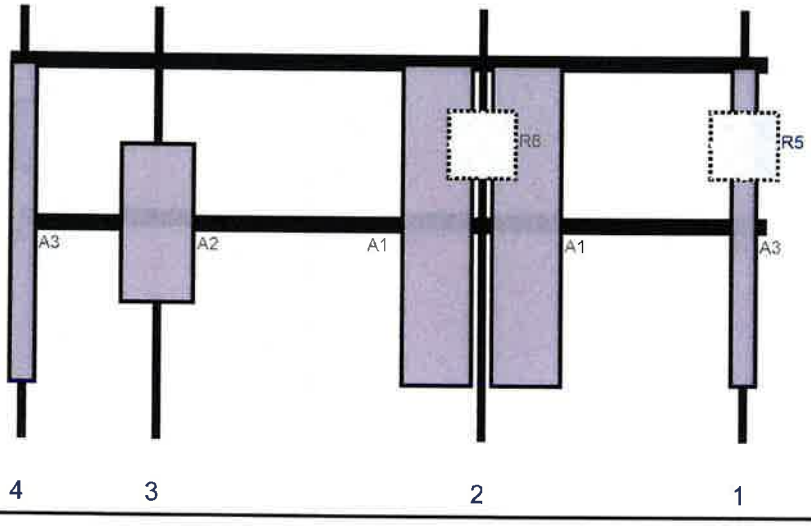
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A3	LPA-80080/6CF	70.9	5.5	163	1	a	Front	48	0	Retained	02/21/2021
R5	B2/B66A RRH-BR049	15	15	163	1	a	Behind	30	0	Retained	
A1	MX06FRO660-03	71.3	15.4	105	2	a	Front	48	10	Retained	
A1	MX06FRO660-03	71.3	15.4	105	2	b	Front	48	-10	Retained	
R6	B5/B13 RRH-BR04C	15	15	105	2	a	Behind	30	0	Retained	
A2	MT6407-77A	35.1	16.1	33	3	a	Front	48	0	Retained	
A3	LPA-80080/6CF	70.9	5.5	3	4	a	Front	48	0	Retained	02/21/2021
M101	DB-C1-12C-24AB-0Z	29.5	16.5		Member					Retained	

Colliers Engineering & Design

Plan View

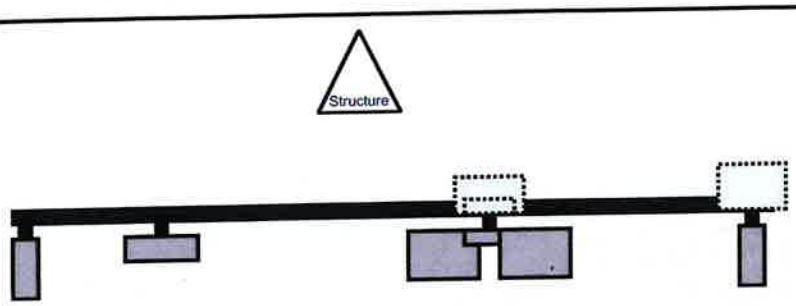


Front View - Looking at Structure

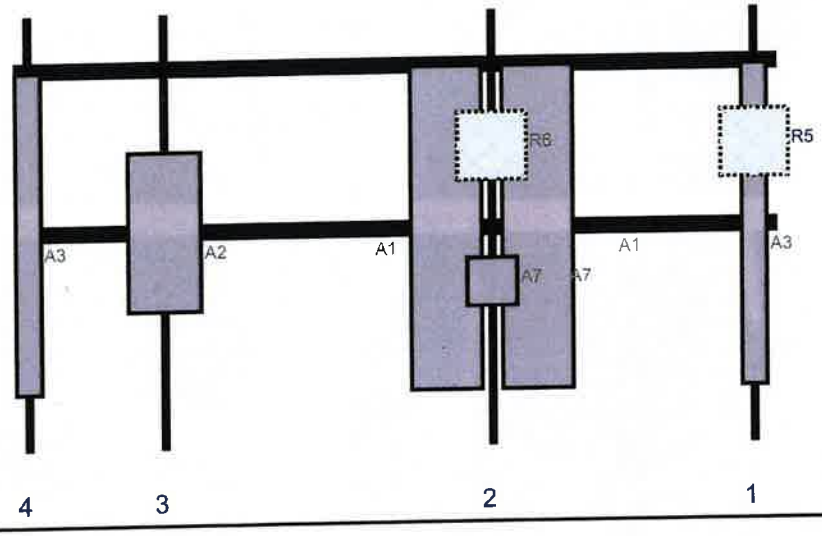


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A3	LPA-80080/6CF	70.9	5.5	163	1	a	Front	48	0	Retained	02/21/2021
R5	B2/B66A RRH-BR049	15	15	163	1	a	Behind	30	0	Retained	
A1	MX06FRO660-03	71.3	15.4	105	2	a	Front	48	10	Retained	
A1	MX06FRO660-03	71.3	15.4	105	2	b	Front	48	-10	Retained	
R6	B5/B13 RRH-BR04C	15	15	105	2	a	Behind	30	0	Retained	
A2	MT6407-77A	35.1	16.1	33	3	a	Front	48	0	Retained	
A3	LPA-80080/6CF	70.9	5.5	3	4	a	Front	48	0	Retained	02/21/2021

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A3	LPA-80080/6CF	70.9	5.5	163	1	a	Front	48	0	Retained	02/21/2021
R5	B2/B66A RRH-BR049	15	15	163	1	a	Behind	30	0	Retained	
A1	MX06FRO660-03	71.3	15.4	105	2	a	Front	48	10	Retained	
A1	MX06FRO660-03	71.3	15.4	105	2	b	Front	48	-10	Retained	
R6	B5/B13 RRH-BR04C	15	15	105	2	a	Behind	30	0	Retained	
A7	BSF0020F3V1-1	10.6	10.9	105	2	a	Behind	60	0	Added	
A7	BSF0020F3V1-1	10.6	10.9	105	2	b	Front	60	0	Added	
A2	MT6407-77A	35.1	16.1	33	3	a	Front	48	0	Retained	
A3	LPA-80080/6CF	70.9	5.5	3	4	a	Front	48	0	Retained	02/21/2021


21/02/2

V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

FCC # 1215891

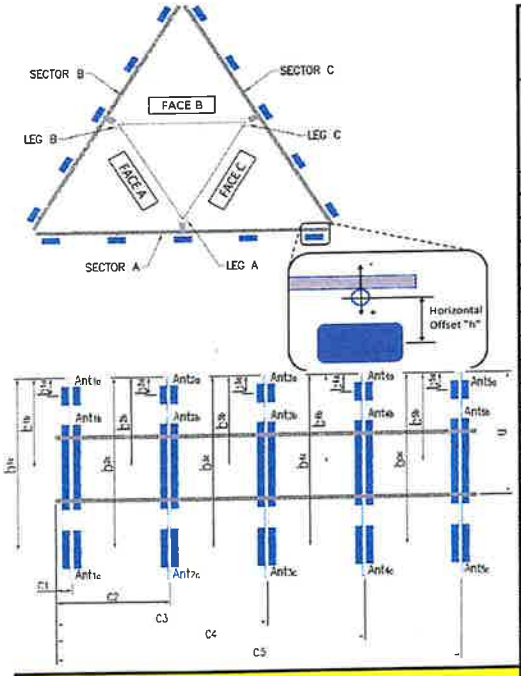
Tower Owner:	SBA	Mapping Date:	2/21/2021
Site Name:	Plymouth NW CT	Tower Type:	Monopole
Site Number or ID:	467291	Tower Height (Ft.):	
Mapping Contractor:	Level-Up Towers	Mount Elevation (Ft.):	161

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "d"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "d"	Horizontal Offset "C1, C2, C3, etc."
A1	2.38"x0.17", 96" Long	48.00	5.00	C1	2.38"x0.17", 96" Long	48.00	5.00
A2	2.38"x0.17", 96" Long	48.00	63.00	C2	2.38"x0.16", 96" Long	48.00	63.00
A3	2.38"x0.17", 96" Long	48.00	135.00	C3	2.38"x0.16", 96" Long	48.00	135.00
A4	2.38"x0.17", 96" Long	48.00	170.00	C4	2.38"x0.17", 96" Long	48.00	170.00
A5				C5			
A6				C6			
B1	2.38"x0.17", 96" Long	48.00	5.00	D1			
B2	2.38"x0.17", 96" Long	48.00	63.00	D2			
B3	2.38"x0.17", 96" Long	48.00	135.00	D3			
B4	2.38"x0.17", 96" Long	48.00	170.00	D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	
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.):	24

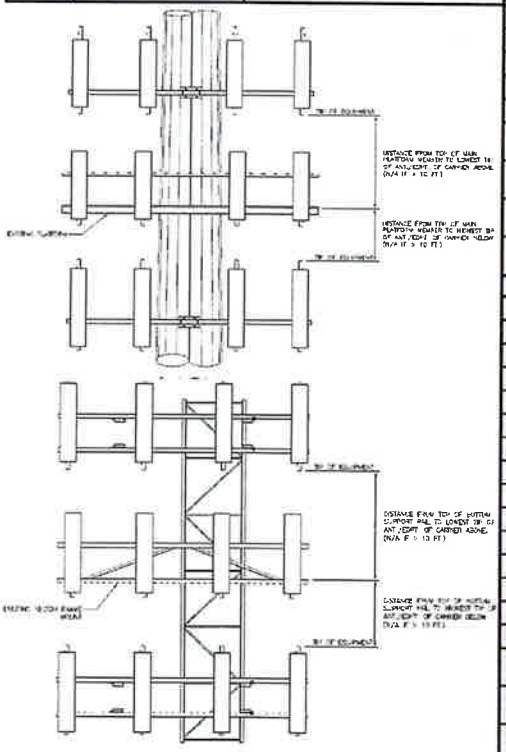


Antenna Layout (Looking Out From Tower)

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances "b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
	Sector A									
Ant_{1a}	Amphenol LPA 80080	6.00	12.00	72.00	(1) 1-5/8	161.083	47.00	15.00	0.00	97
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	Amphenol BXA-70063	11.30	6.00	71.00	(2) 1-5/8	160.917	49.00	9.00	0.00	99
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	Amphenol BXA-171084	6.10	4.10	48.50	(2) 1-5/8	162	36.00	7.50	0.00	103
Ant_{3b}										
Ant_{3c}										
Ant_{4a}	Amphenol LPA 80080	6.00	12.00	72.00	(1) 1-5/8	161.083	47.00	15.00	0.00	106
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

Climbing Facility Information		
Location:	180.00 Deg	Sector B
Climbing Facility	Corrosion Type:	Good condition.
	Access:	Climbing path was unobstructed.
	Condition:	Good condition.



Sector B										
Ant_{1a}	Amphenol LPA 80080	6.00	12.00	72.00	(1) 1-5/8	161.083	47.00	15.00	120.00	108
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	Amphenol BXA-70063	11.30	6.00	71.00	(2) 1-5/8	160.917	49.00	9.00	120.00	110
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	Amphenol BXA-71081	6.10	4.10	48.50	(2) 1-5/8	162	36.00	7.50	120.00	118
Ant_{3b}										
Ant_{3c}										
Ant_{4a}	Amphenol LPA 80080	6.00	12.00	72.00	(1) 1-5/8	161.083	47.00	15.00	120.00	120
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}	Amphenol LPA 80080	6.00	12.00	72.00	(1) 1-5/8	161.083	47.00	15.00	240.00	122
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	Amphenol BXA-70063	11.30	6.00	71.00	(2) 1-5/8	160.917	49.00	9.00	240.00	123
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	Amphenol BXA-71081	6.10	4.10	48.50	(2) 1-5/8	162	36.00	7.50	240.00	124
Ant_{3b}										
Ant_{3c}										
Ant_{4a}	Amphenol LPA 80080	6.00	12.00	72.00	(1) 1-5/8	161.083	47.00	15.00	240.00	125
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

1		
2		
3		
4		
5		
6		
7		
8		

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

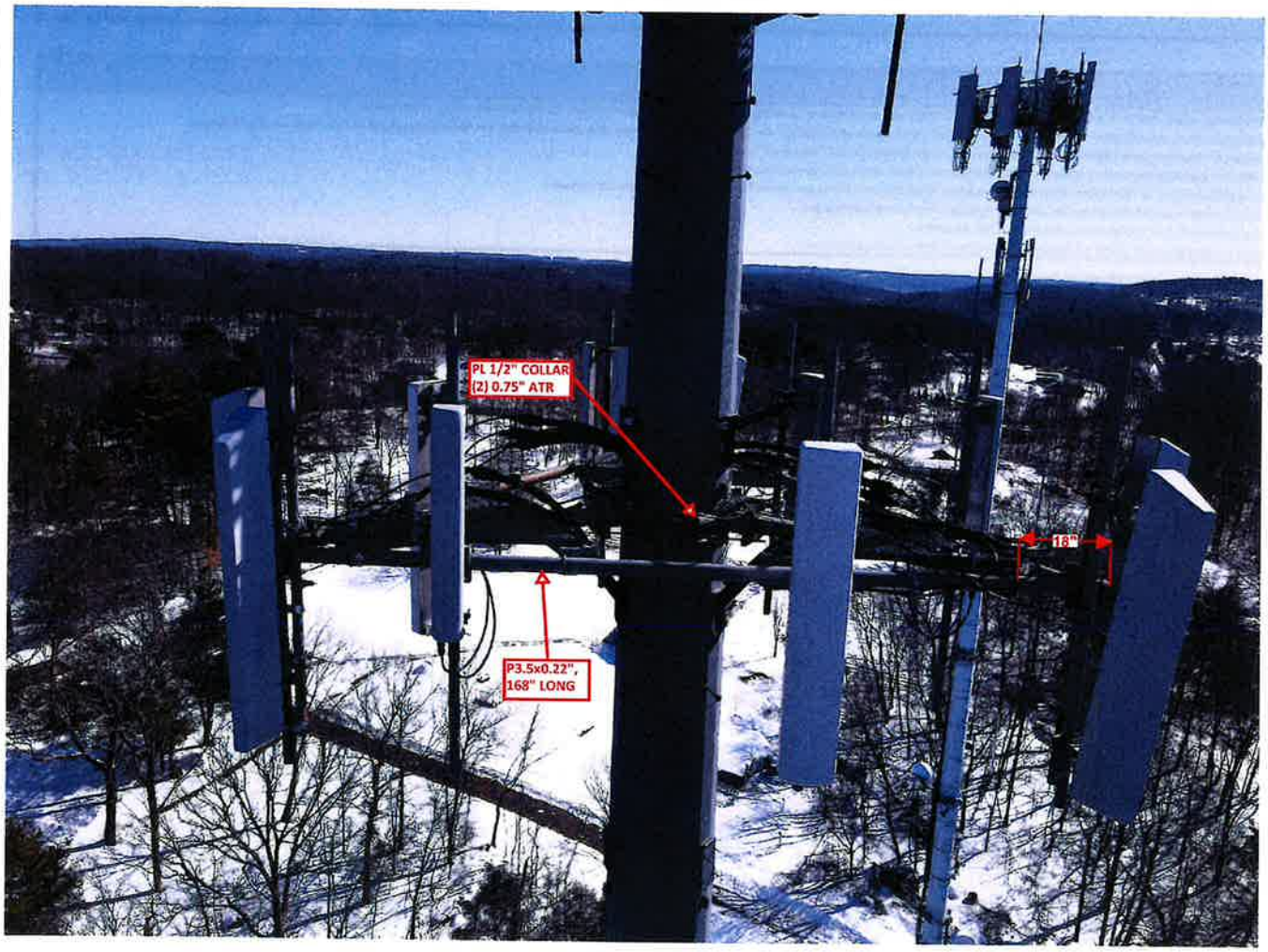
Standard Conditions
1. Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping are to be reported in this mapping. However, this mount mapping is not a condition assessment of the mount.

V3.0 Updated on 8-31-2020

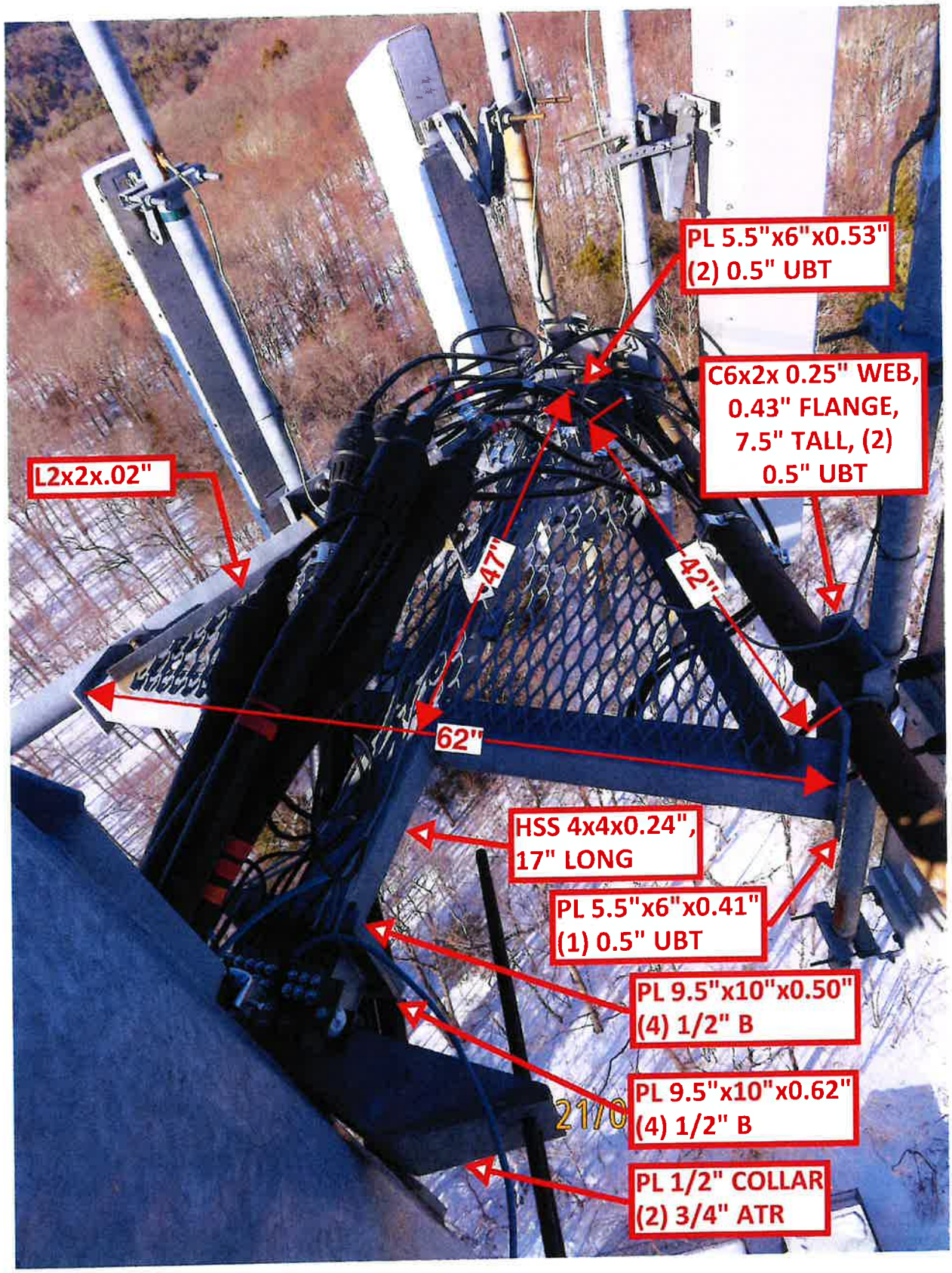
Antenna Mount Mapping Form (PATENT PENDING)

				FCC #
				1215891
Tower Owner:	SBA	Mapping Date:	2/21/2021	
Site Name:	Plymouth NW CT	Tower Type:	Monopole	
Site Number or ID:	467291	Tower Height (Ft.):		
Mapping Contractor:	Level-Up Towers	Mount Elevation (Ft.):	161	

Please Insert Sketches of the Antenna Mount

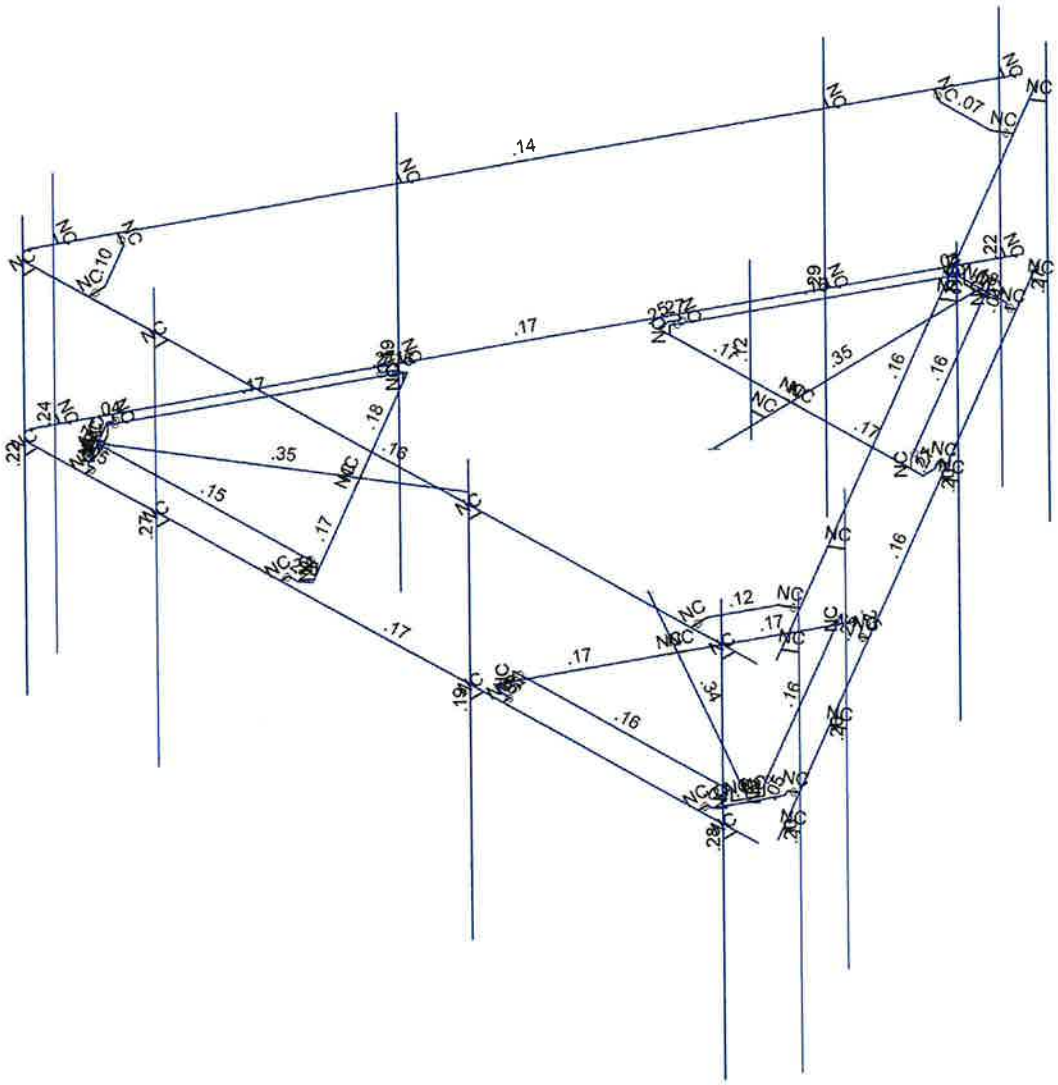


Please Insert Sketches of the Antenna Mount, cont'd



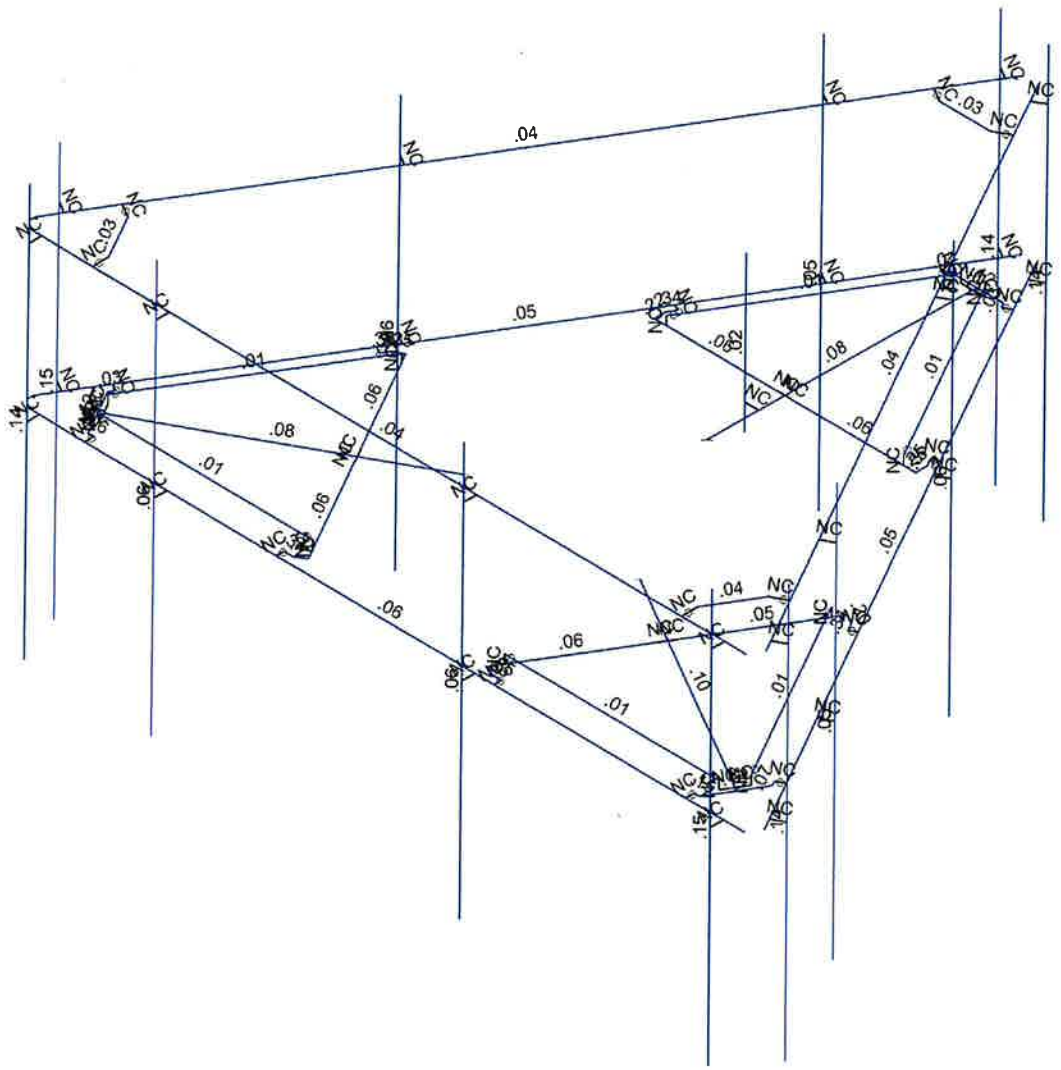
Envelope Only Solution

Colliers Engineering & Des..	5000245391-VZW_MT_LO_H	SK - 1
CL		July 5, 2023 at 5:39 PM
Project No. 10206276		5000245391-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Colliers Engineering & Des...	5000245391-VZW_MT_LO_H	SK - 2
CL		July 5, 2023 at 5:39 PM
Project No. 10206276		5000245391-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Colliers Engineering & Des..	5000245391-VZW_MT_LO_H	SK - 3
CL		July 5, 2023 at 5:39 PM
Project No. 10206276		5000245391-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					114			
2	Antenna Di	None					114			
3	Antenna Wo (0 Deg)	None					114			
4	Antenna Wo (30 Deg)	None					114			
5	Antenna Wo (60 Deg)	None					114			
6	Antenna Wo (90 Deg)	None					114			
7	Antenna Wo (120 Deg)	None					114			
8	Antenna Wo (150 Deg)	None					114			
9	Antenna Wo (180 Deg)	None					114			
10	Antenna Wo (210 Deg)	None					114			
11	Antenna Wo (240 Deg)	None					114			
12	Antenna Wo (270 Deg)	None					114			
13	Antenna Wo (300 Deg)	None					114			
14	Antenna Wo (330 Deg)	None					114			
15	Antenna Wi (0 Deg)	None					114			
16	Antenna Wi (30 Deg)	None					114			
17	Antenna Wi (60 Deg)	None					114			
18	Antenna Wi (90 Deg)	None					114			
19	Antenna Wi (120 Deg)	None					114			
20	Antenna Wi (150 Deg)	None					114			
21	Antenna Wi (180 Deg)	None					114			
22	Antenna Wi (210 Deg)	None					114			
23	Antenna Wi (240 Deg)	None					114			
24	Antenna Wi (270 Deg)	None					114			
25	Antenna Wi (300 Deg)	None					114			
26	Antenna Wi (330 Deg)	None					114			
27	Antenna Wm (0 Deg)	None					114			
28	Antenna Wm (30 Deg)	None					114			
29	Antenna Wm (60 Deg)	None					114			
30	Antenna Wm (90 Deg)	None					114			
31	Antenna Wm (120 Deg)	None					114			
32	Antenna Wm (150 Deg)	None					114			
33	Antenna Wm (180 Deg)	None					114			
34	Antenna Wm (210 Deg)	None					114			
35	Antenna Wm (240 Deg)	None					114			
36	Antenna Wm (270 Deg)	None					114			
37	Antenna Wm (300 Deg)	None					114			
38	Antenna Wm (330 Deg)	None					114			
39	Structure D	None		-1					3	
40	Structure Di	None						58	3	
41	Structure Wo (0 Deg)	None						116		
42	Structure Wo (30 Deg)	None						116		
43	Structure Wo (60 Deg)	None						116		
44	Structure Wo (90 Deg)	None						116		
45	Structure Wo (120 D...	None						116		
46	Structure Wo (150 D...	None						116		
47	Structure Wo (180 D...	None						116		
48	Structure Wo (210 D...	None						116		
49	Structure Wo (240 D...	None						116		
50	Structure Wo (270 D...	None						116		
51	Structure Wo (300 D...	None						116		
52	Structure Wo (330 D...	None						116		
53	Structure Wi (0 Deg)	None						116		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
54	Structure Wi (30 Deg)	None						116		
55	Structure Wi (60 Deg)	None						116		
56	Structure Wi (90 Deg)	None						116		
57	Structure Wi (120 De..	None						116		
58	Structure Wi (150 De..	None						116		
59	Structure Wi (180 De..	None						116		
60	Structure Wi (210 De..	None						116		
61	Structure Wi (240 De..	None						116		
62	Structure Wi (270 De..	None						116		
63	Structure Wi (300 De..	None						116		
64	Structure Wi (330 De..	None						116		
65	Structure Wm (0 Deg)	None						116		
66	Structure Wm (30 De..	None						116		
67	Structure Wm (60 De..	None						116		
68	Structure Wm (90 De..	None						116		
69	Structure Wm (120 D..	None						116		
70	Structure Wm (150 D..	None						116		
71	Structure Wm (180 D..	None						116		
72	Structure Wm (210 D..	None						116		
73	Structure Wm (240 D..	None						116		
74	Structure Wm (270 D..	None						116		
75	Structure Wm (300 D..	None						116		
76	Structure Wm (330 D..	None						116		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					114			
82	Antenna Eh (0 Deg)	None					76			
83	Antenna Eh (90 Deg)	None					76			
84	Structure Ev	ELY							3	
85	Structure Eh (0 Deg)	ELZ			-.03				3	
86	Structure Eh (90 Deg)	ELX	.03						3	
87	BLC 39 Transient Are..	None						30		
88	BLC 40 Transient Are..	None						30		
89	BLC 84 Transient Are..	None								
90	BLC 85 Transient Are..	None						30		
91	BLC 86 Transient Are..	None						30		

Load Combinations

	Description	S...	PDelta	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..	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1										
14	1.2D + 1.0Di + 1.0Wi (3..	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1										

Load Combinations (Continued)

	Description	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
15	1.2D + 1.0Di + 1.0Wi (6...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1										
16	1.2D + 1.0Di + 1.0Wi (9...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1										
17	1.2D + 1.0Di + 1.0Wi (1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1										
18	1.2D + 1.0Di + 1.0Wi (1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1										
19	1.2D + 1.0Di + 1.0Wi (1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1										
20	1.2D + 1.0Di + 1.0Wi (2...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1										
21	1.2D + 1.0Di + 1.0Wi (2...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1										
22	1.2D + 1.0Di + 1.0Wi (2...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1										
23	1.2D + 1.0Di + 1.0Wi (3...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1										
24	1.2D + 1.0Di + 1.0Wi (3...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1										
25	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1												
26	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1												
27	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1												
28	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1												
29	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1												
30	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1												
31	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1												
32	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1												
33	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1												
34	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1												
35	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1												
36	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1												
37	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1												
38	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1												
39	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1												
40	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1												
41	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1												
42	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1												
43	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1												
44	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1												
45	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1												
46	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1												
47	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1												
48	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1												
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5																
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5																
51	1.4D	Yes	Y		1	1.4	39	1.4																		
52	1.2D + 1.0Ev + 1.0Eh (0...	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 (3...	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 (6...	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 (9...	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 (1...	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 (1...	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 (1...	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 (2...	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 (2...	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 (2...	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 (3...	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 (3...	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...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	1	83		ELZ	1	E...							
65	0.9D - 1.0Ev + 1.0Eh (3...	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 (6...	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 (9...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	1	ELZ		E...	1						
68	0.9D - 1.0Ev + 1.0Eh (1...	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 (1...	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 (1...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-1	83		ELZ	-1	E...							
71	0.9D - 1.0Ev + 1.0Eh (2...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.866	83	-.5	ELZ	-.866	E...	-.5						

Load Combinations (Continued)

	Description	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
72	0.9D - 1.0Ev + 1.0Eh (2...	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 (2...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	-1	ELZ		E...	-1				
74	0.9D - 1.0Ev + 1.0Eh (3...	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 (3...	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	7	0	4.206357	0	
2	N2	-7	0	4.206357	0	
3	N3	0	0	-2	0	
4	N5	-2.541667	0	-3.5	0	
5	N6	2.315104	0.166667	-3.5	0	
6	N7	-2.315104	0.166667	-3.5	0	
7	N8	6.583333	0	4.206357	0	
8	N9	6.583333	0	4.456357	0	
9	N10	-6.75	0	4.206357	0	
10	N11	-6.75	0	4.456357	0	
11	N12	1.75	0	4.206357	0	
12	N13	1.75	0	4.456357	0	
13	N14	-4.25	0	4.206357	0	
14	N15	-4.25	0	4.456357	0	
15	N16	-4.25	-4	4.456357	0	
16	N17	-4.25	4	4.456357	0	
17	N18	-6.75	-4	4.456357	0	
18	N19	-6.75	4	4.456357	0	
19	N20	1.75	-4	4.456357	0	
20	N21	1.75	4	4.456357	0	
21	N22	6.583333	-4	4.456357	0	
22	N23	6.583333	4	4.456357	0	
23	N24	0	0	-3.5	0	
24	N27	0	0	-7.1875	0	
25	CP	0	0	0	0	
26	N29	2.315104	0	-3.5	0	
27	N30	-2.315104	0	-3.5	0	
28	N101	2.541667	0	-3.5	0	
29	N102	-0.166667	0	-3.5	0	
30	N103A	0.166667	0	-3.5	0	
31	N104A	-2.541667	0	-3.71875	0	
32	N105	2.541667	0	-3.71875	0	
33	N131	2.458333	0	-3.863088	0	
34	N135	0.571615	0	-7.090523	0	
35	N144	-2.458333	0	-3.863088	0	
36	N148	-0.571615	0	-7.090523	0	
37	N86A	2.584629	0	-3.936004	0	
38	N86B	-2.584629	0	-3.936004	0	
39	N86C	-0.515625	0	-7.1875	0	
40	N87A	0.515625	0	-7.1875	0	
41	N86D	0.715429	0	-7.173554	0	
42	N86E	-0.715429	0	-7.173554	0	
43	N88A	0	0	-7.104167	0	
44	N87C	0.234238	0.166667	-7.104167	0	
45	N86G	0.234238	0	-7.104167	0	
46	N87B	-0.234238	0.166667	-7.104167	0	
47	N88C	-0.234238	0	-7.104167	0	
48	N52	-1.732051	0	1.	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
49	N53	-1.760256	0	3.951148	0	
50	N54	-4.188641	0.166667	-0.254939	0	
51	N55	-1.873537	0.166667	3.754939	0	
52	N56	-3.031089	0	1.75	0	
53	N57	-6.224558	0	3.59375	0	
54	N59	-4.188641	0	-0.254939	0	
55	N60	-1.873537	0	3.754939	0	
56	N61	-4.301922	0	-0.451148	0	
57	N62	-2.947756	0	1.894338	0	
58	N63	-3.114422	0	1.605662	0	
59	N64	-1.949699	0	4.060523	0	
60	N65	-4.491365	0	-0.341773	0	
61	N66	-4.574699	0	-0.197435	0	
62	N67	-6.426381	0	3.050229	0	
63	N68	-2.116365	0	4.060523	0	
64	N69	-5.854766	0	4.040294	0	
65	N70	-4.700994	0	-0.270352	0	
66	N71	-2.116365	0	4.206357	0	
67	N72	-5.966745	0	4.040294	0	
68	N73	-6.48237	0	3.147206	0	
69	N74	-6.570195	0	2.967198	0	
70	N75	-5.854766	0	4.206357	0	
71	N76	-6.152389	0	3.552083	0	
72	N77	-6.269508	0.166667	3.349228	0	
73	N78	-6.269508	0	3.349228	0	
74	N79	-6.03527	0.166667	3.754939	0	
75	N80	-6.03527	0	3.754939	0	
76	N81	1.732051	0	1.	0	
77	N82	4.301922	0	-0.451148	0	
78	N83	1.873537	0.166667	3.754939	0	
79	N84	4.188641	0.166667	-0.254939	0	
80	N85	3.031089	0	1.75	0	
81	N86	6.224558	0	3.59375	0	
82	N88	1.873537	0	3.754939	0	
83	N89	4.188641	0	-0.254939	0	
84	N90	1.760256	0	3.951148	0	
85	N91	3.114422	0	1.605662	0	
86	N92	2.947756	0	1.894338	0	
87	N93	4.491365	0	-0.341773	0	
88	N94	1.949699	0	4.060523	0	
89	N95	2.116365	0	4.060523	0	
90	N96	5.854766	0	4.040294	0	
91	N97	4.574699	0	-0.197435	0	
92	N98	6.426381	0	3.050229	0	
93	N99	2.116365	0	4.206357	0	
94	N100	4.700994	0	-0.270352	0	
95	N101A	6.48237	0	3.147206	0	
96	N102A	5.966745	0	4.040294	0	
97	N103	5.854766	0	4.206357	0	
98	N104	6.570195	0	2.967198	0	
99	N105A	6.152389	0	3.552083	0	
100	N106	6.03527	0.166667	3.754939	0	
101	N107	6.03527	0	3.754939	0	
102	N108	6.269508	0.166667	3.349228	0	
103	N109	6.269508	0	3.349228	0	
104	N108A	0.142812	0	-8.165356	0	
105	N109A	7.142812	0	3.959	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
106	N110	0.351145	0	-7.804512	0	
107	N111	0.567651	0	-7.929512	0	
108	N112	7.017812	0	3.742493	0	
109	N113	7.234318	0	3.617493	0	
110	N114	2.767812	0	-3.618723	0	
111	N115	2.984318	0	-3.743723	0	
112	N116	5.767812	0	1.57743	0	
113	N117	5.984318	0	1.45243	0	
114	N118	5.984318	-4	1.45243	0	
115	N119	5.984318	4	1.45243	0	
116	N120	7.234318	-4	3.617493	0	
117	N121	7.234318	4	3.617493	0	
118	N122	2.984318	-4	-3.743723	0	
119	N123	2.984318	4	-3.743723	0	
120	N124	0.567651	-4	-7.929512	0	
121	N125	0.567651	4	-7.929512	0	
122	N129	2.984318	2.75	-3.743723	0	
123	N131A	-7.142812	0	3.959	0	
124	N132	-0.142812	0	-8.165356	0	
125	N133	-6.934478	0	3.598156	0	
126	N134	-7.150985	0	3.473156	0	
127	N135A	-0.267812	0	-7.94885	0	
128	N136	-0.484318	0	-8.07385	0	
129	N137	-4.517812	0	-0.587634	0	
130	N138	-4.734318	0	-0.712634	0	
131	N139	-1.517812	0	-5.783786	0	
132	N140	-1.734318	0	-5.908786	0	
133	N141	-1.734318	-4	-5.908786	0	
134	N142	-1.734318	4	-5.908786	0	
135	N143A	-0.484318	-4	-8.07385	0	
136	N144A	-0.484318	4	-8.07385	0	
137	N145	-4.734318	-4	-0.712634	0	
138	N146	-4.734318	4	-0.712634	0	
139	N147	-7.150985	-4	3.473156	0	
140	N148A	-7.150985	4	3.473156	0	
141	N152	-4.734318	2.75	-0.712634	0	
142	N152A	0	0	-3	0	
143	N153A	-0.266667	0	-3	0	
144	N154	-0.266667	-.5	-3	0	
145	N155	-0.266667	2.5	-3	0	
146	N159	7	3	4.206357	0	
147	N160	-7	3	4.206357	0	
148	N161	6.583333	3	4.206357	0	
149	N162	6.583333	3	4.456357	0	
150	N163	-6.75	3	4.206357	0	
151	N164	-6.75	3	4.456357	0	
152	N165	1.75	3	4.206357	0	
153	N166	1.75	3	4.456357	0	
154	N167	-4.25	3	4.206357	0	
155	N168	-4.25	3	4.456357	0	
156	N169	-2.116365	3	4.206357	0	
157	N170	2.116365	3	4.206357	0	
158	N171	0.142812	3	-8.165356	0	
159	N172	7.142812	3	3.959	0	
160	N173	0.351145	3	-7.804512	0	
161	N174	0.567651	3	-7.929512	0	
162	N175	7.017812	3	3.742493	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
163	N176	7.234318	3	3.617493	0	
164	N177	2.767812	3	-3.618723	0	
165	N178	2.984318	3	-3.743723	0	
166	N179	5.767812	3	1.57743	0	
167	N180	5.984318	3	1.45243	0	
168	N181	-7.142812	3	3.959	0	
169	N182	-0.142812	3	-8.165356	0	
170	N183	-6.934478	3	3.598156	0	
171	N184	-7.150985	3	3.473156	0	
172	N185	-0.267812	3	-7.94885	0	
173	N186	-0.484318	3	-8.07385	0	
174	N187	-4.517812	3	-0.587634	0	
175	N188	-4.734318	3	-0.712634	0	
176	N189	-1.517812	3	-5.783786	0	
177	N190	-1.734318	3	-5.908786	0	
178	N191	-5.75	3	4.206357	0	
179	N192	5.75	3	4.206357	0	
180	N193	5.75	3	3.893857	0	
181	N195	-5.75	3	3.893857	0	
182	N196	6.517812	3	2.876468	0	
183	N197	0.767812	3	-7.082824	0	
184	N198	0.497179	3	-6.926574	0	
185	N199	6.247179	3	3.032718	0	
186	N201	-0.767812	3	-7.082824	0	
187	N202	-6.517812	3	2.876468	0	
188	N203	-6.247179	3	3.032718	0	
189	N204	-0.497179	3	-6.926574	0	
190	N206	0	0	-5.25	0	
191	N209	-4.546633	0	2.625	0	
192	N212	4.546633	0	2.625	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	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 Crossmember	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Support Rail Corner	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
7	Mod Kickers	LL3x3x3x3	Beam	Single Angle	A36 Gr.36	Typical	2.18	4.09	1.9	.027
8	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Support Rail	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
10	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
11	Mount Pipe 2.5	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft^3]	Yield[ksi]	Ry	Fu[ksi]	Rt
1	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 (/1...	Density[k/ft^3]	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			Platform Cross...	Beam	SquareTube	A500 Gr.B...	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 2.5	Column	Pipe	A53 Gr.B	Typical
11	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
12	M43	N102	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B...	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			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
36	M36	N62	N53			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
37	M37	N72	N73			Corner Plate	Beam	BAR	A36 Gr.36	Typical
38	M38	N55	N60		240	RIGID	None	None	RIGID	Typical
39	M39	N54	N59		240	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		240	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

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
52	M52A	N68	N71			RIGID	None	None	RIGID	Typical
53	M53	N72	N69			Corner Plate	Beam	BAR	A36 Gr.36	Typical
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		240	RIGID	None	None	RIGID	Typical
58	M58A	N81	N86			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
59	M59A	N90	N92			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
60	M60	N91	N82			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
61	M61	N101A	N102A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
62	M62	N84	N89		120	RIGID	None	None	RIGID	Typical
63	M63	N83	N88		120	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		120	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		120	RIGID	None	None	RIGID	Typical
82	M82	N108A	N109A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
83	M83A	N110	N111			RIGID	None	None	RIGID	Typical
84	M84A	N112	N113			RIGID	None	None	RIGID	Typical
85	M85A	N114	N115			RIGID	None	None	RIGID	Typical
86	M86	N116	N117			RIGID	None	None	RIGID	Typical
87	MP3C	N119	N118		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	MP4C	N121	N120		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
89	MP2C	N123	N122		240	Mount Pipe 2.5	Column	Pipe	A53 Gr.B	Typical
90	MP1C	N125	N124		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	M91A	N131A	N132			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
92	M92A	N133	N134			RIGID	None	None	RIGID	Typical
93	M93	N135A	N136			RIGID	None	None	RIGID	Typical
94	M94	N137	N138			RIGID	None	None	RIGID	Typical
95	M95	N139	N140			RIGID	None	None	RIGID	Typical
96	MP3B	N142	N141		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
97	MP4B	N144A	N143A		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	MP2B	N146	N145		120	Mount Pipe 2.5	Column	Pipe	A53 Gr.B	Typical
99	MP1B	N148A	N147		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	M100	N152A	N153A			RIGID	None	None	RIGID	Typical
101	M101	N155	N154			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	M102	N160	N159			Support Rail	Column	Pipe	A53 Gr.B	Typical
103	M103	N161	N162			RIGID	None	None	RIGID	Typical
104	M104	N163	N164			RIGID	None	None	RIGID	Typical
105	M105	N165	N166			RIGID	None	None	RIGID	Typical
106	M106	N167	N168			RIGID	None	None	RIGID	Typical
107	M107	N171	N172			Support Rail	Column	Pipe	A53 Gr.B	Typical
108	M108	N173	N174			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
109	M109	N175	N176			RIGID	None	None	RIGID	Typical
110	M110	N177	N178			RIGID	None	None	RIGID	Typical
111	M111	N179	N180			RIGID	None	None	RIGID	Typical
112	M112	N181	N182			Support Rail	Column	Pipe	A53 Gr.B	Typical
113	M113	N183	N184			RIGID	None	None	RIGID	Typical
114	M114	N185	N186			RIGID	None	None	RIGID	Typical
115	M115	N187	N188			RIGID	None	None	RIGID	Typical
116	M116	N189	N190			RIGID	None	None	RIGID	Typical
117	M117	N192	N193			RIGID	None	None	RIGID	Typical
118	M118	N191	N195			RIGID	None	None	RIGID	Typical
119	M119	N197	N198			RIGID	None	None	RIGID	Typical
120	M120	N196	N199			RIGID	None	None	RIGID	Typical
121	M121	N202	N203			RIGID	None	None	RIGID	Typical
122	M122	N201	N204			RIGID	None	None	RIGID	Typical
123	M123	N195	N203		90	Support Rail C..	Beam	Single Angle	A36 Gr.36	Typical
124	M124	N199	N193		90	Support Rail C..	Beam	Single Angle	A36 Gr.36	Typical
125	M125	N204	N198		90	Support Rail C..	Beam	Single Angle	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic...
1	M1						Yes	Default			None
2	M4						Yes				None
3	M10						Yes	Default			None
4	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	** NA **			None
24	M80						Yes				None
25	M83		BenPIN				Yes	** NA **			None
26	M84						Yes	** NA **			None
27	M85						Yes	** NA **			None
28	M88		BenPIN				Yes	** NA **			None
29	M91						Yes				None
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

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
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				None
48	M48						Yes	** NA **			None
49	M49		BenPIN				Yes	** NA **			None
50	M50A						Yes	** NA **			None
51	M51C						Yes	** NA **			None
52	M52A		BenPIN				Yes				None
53	M53						Yes	** NA **			None
54	M54		BenPIN				Yes	** NA **			None
55	M55						Yes	** NA **			None
56	M56						Yes	** NA **			None
57	M57						Yes				None
58	M58A						Yes	Default			None
59	M59A						Yes	Default			None
60	M60						Yes	Default			None
61	M61						Yes	** NA **			None
62	M62						Yes	** NA **			None
63	M63						Yes	Default			None
64	M64	OOOOOX	OOOOOX				Yes	Default			None
65	M65	OOOOOX	OOOOOX				Yes	** NA **			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				None
72	M72						Yes	** NA **			None
73	M73		BenPIN				Yes	** NA **			None
74	M74						Yes	** NA **			None
75	M75						Yes	** NA **			None
76	M76A		BenPIN				Yes				None
77	M77A						Yes	** NA **			None
78	M78		BenPIN				Yes	** NA **			None
79	M79A						Yes	** NA **			None
80	M80A						Yes	** NA **			None
81	M81						Yes	Default			None
82	M82						Yes	** NA **			None
83	M83A						Yes	** NA **			None
84	M84A						Yes	** NA **			None
85	M85A						Yes	** NA **			None
86	M86						Yes	** NA **			None
87	MP3C						Yes	** NA **			None
88	MP4C						Yes	** NA **			None
89	MP2C						Yes	** NA **			None
90	MP1C						Yes	Default			None
91	M91A						Yes	** NA **			None
92	M92A										

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
93	M93						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	M95						Yes	** NA **			None
96	MP3B						Yes	** NA **			None
97	MP4B						Yes	** NA **			None
98	MP2B						Yes	** NA **			None
99	MP1B						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	M101						Yes	** NA **			None
102	M102						Yes	** NA **			None
103	M103						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	M107						Yes	** NA **			None
108	M108						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M110						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113						Yes	** NA **			None
114	M114						Yes	** NA **			None
115	M115						Yes	** NA **			None
116	M116						Yes	** NA **			None
117	M117	OOOOOX					Yes	** NA **			None
118	M118	OOOOOX					Yes	** NA **			None
119	M119	OOOOOX					Yes	** NA **			None
120	M120	OOOOOX					Yes	** NA **			None
121	M121	OOOOOX					Yes	** NA **			None
122	M122	OOOOOX					Yes	** NA **			None
123	M123						Yes				None
124	M124						Yes				None
125	M125						Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-23	2
2	MP2A	My	-.021	2
3	MP2A	Mz	.019	2
4	MP2A	Y	-23	6
5	MP2A	My	-.021	6
6	MP2A	Mz	.019	6
7	MP2B	Y	-23	2
8	MP2B	My	-.006	2
9	MP2B	Mz	-.028	2
10	MP2B	Y	-23	6
11	MP2B	My	-.006	6
12	MP2B	Mz	-.028	6
13	MP2C	Y	-23	2
14	MP2C	My	.028	2
15	MP2C	Mz	.004	2
16	MP2C	Y	-23	6
17	MP2C	My	.028	6
18	MP2C	Mz	.004	6
19	MP2A	Y	-23	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP2A	My	-.021	2
21	MP2A	Mz	-.019	2
22	MP2A	Y	-23	6
23	MP2A	My	-.021	6
24	MP2A	Mz	-.019	6
25	MP2B	Y	-23	2
26	MP2B	My	.027	2
27	MP2B	Mz	-.009	2
28	MP2B	Y	-23	6
29	MP2B	My	.027	6
30	MP2B	Mz	-.009	6
31	MP2C	Y	-23	2
32	MP2C	My	-.001	2
33	MP2C	Mz	.028	2
34	MP2C	Y	-23	6
35	MP2C	My	-.001	6
36	MP2C	Mz	.028	6
37	MP3A	Y	-43.55	3
38	MP3A	My	-.022	3
39	MP3A	Mz	0	3
40	MP3A	Y	-43.55	5
41	MP3A	My	-.022	5
42	MP3A	Mz	0	5
43	MP3B	Y	-43.55	3
44	MP3B	My	.011	3
45	MP3B	Mz	-.019	3
46	MP3B	Y	-43.55	5
47	MP3B	My	.011	5
48	MP3B	Mz	-.019	5
49	MP3C	Y	-43.55	3
50	MP3C	My	.014	3
51	MP3C	Mz	.017	3
52	MP3C	Y	-43.55	5
53	MP3C	My	.014	5
54	MP3C	Mz	.017	5
55	MP1A	Y	-10.5	2
56	MP1A	My	-.013	2
57	MP1A	Mz	0	2
58	MP1A	Y	-10.5	6
59	MP1A	My	-.013	6
60	MP1A	Mz	0	6
61	MP1B	Y	-10.5	2
62	MP1B	My	.007	2
63	MP1B	Mz	-.011	2
64	MP1B	Y	-10.5	6
65	MP1B	My	.007	6
66	MP1B	Mz	-.011	6
67	MP1C	Y	-10.5	2
68	MP1C	My	.007	2
69	MP1C	Mz	.011	2
70	MP1C	Y	-10.5	6
71	MP1C	My	.007	6
72	MP1C	Mz	.011	6
73	MP4A	Y	-10.5	2
74	MP4A	My	-.013	2
75	MP4A	Mz	0	2
76	MP4A	Y	-10.5	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP4A	My	-.013	6
78	MP4A	Mz	0	6
79	MP4B	Y	-10.5	2
80	MP4B	My	.007	2
81	MP4B	Mz	-.011	2
82	MP4B	Y	-10.5	6
83	MP4B	My	.007	6
84	MP4B	Mz	-.011	6
85	MP4C	Y	-10.5	2
86	MP4C	My	.007	2
87	MP4C	Mz	.011	2
88	MP4C	Y	-10.5	6
89	MP4C	My	.007	6
90	MP4C	Mz	.011	6
91	M101	Y	-32	1
92	M101	My	0	1
93	M101	Mz	0	1
94	MP1A	Y	-84.4	2.5
95	MP1A	My	.042	2.5
96	MP1A	Mz	0	2.5
97	MP1B	Y	-84.4	2.5
98	MP1B	My	-.021	2.5
99	MP1B	Mz	.037	2.5
100	MP1C	Y	-84.4	2.5
101	MP1C	My	-.027	2.5
102	MP1C	Mz	-.032	2.5
103	MP2A	Y	-70.3	2.5
104	MP2A	My	.035	2.5
105	MP2A	Mz	0	2.5
106	MP2B	Y	-70.3	2.5
107	MP2B	My	-.018	2.5
108	MP2B	Mz	.03	2.5
109	MP2C	Y	-70.3	2.5
110	MP2C	My	-.023	2.5
111	MP2C	Mz	-.027	2.5
112	MP2B	Y	-17.6	5
113	MP2B	My	-.002	5
114	MP2B	Mz	.004	5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-84.062	2
2	MP2A	My	-.077	2
3	MP2A	Mz	.07	2
4	MP2A	Y	-84.062	6
5	MP2A	My	-.077	6
6	MP2A	Mz	.07	6
7	MP2B	Y	-84.062	2
8	MP2B	My	-.022	2
9	MP2B	Mz	-.102	2
10	MP2B	Y	-84.062	6
11	MP2B	My	-.022	6
12	MP2B	Mz	-.102	6
13	MP2C	Y	-84.062	2
14	MP2C	My	.103	2
15	MP2C	Mz	.014	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP2C	Y	-84.062	6
17	MP2C	My	.103	6
18	MP2C	Mz	.014	6
19	MP2A	Y	-84.062	2
20	MP2A	My	-.077	2
21	MP2A	Mz	-.07	2
22	MP2A	Y	-84.062	6
23	MP2A	My	-.077	6
24	MP2A	Mz	-.07	6
25	MP2B	Y	-84.062	2
26	MP2B	My	.099	2
27	MP2B	Mz	-.032	2
28	MP2B	Y	-84.062	6
29	MP2B	My	.099	6
30	MP2B	Mz	-.032	6
31	MP2C	Y	-84.062	2
32	MP2C	My	-.004	2
33	MP2C	Mz	.104	2
34	MP2C	Y	-84.062	6
35	MP2C	My	-.004	6
36	MP2C	Mz	.104	6
37	MP3A	Y	-36.324	3
38	MP3A	My	-.018	3
39	MP3A	Mz	0	3
40	MP3A	Y	-36.324	5
41	MP3A	My	-.018	5
42	MP3A	Mz	0	5
43	MP3B	Y	-36.324	3
44	MP3B	My	.009	3
45	MP3B	Mz	-.016	3
46	MP3B	Y	-36.324	5
47	MP3B	My	.009	5
48	MP3B	Mz	-.016	5
49	MP3C	Y	-36.324	3
50	MP3C	My	.012	3
51	MP3C	Mz	.014	3
52	MP3C	Y	-36.324	5
53	MP3C	My	.012	5
54	MP3C	Mz	.014	5
55	MP1A	Y	-59.636	2
56	MP1A	My	-.075	2
57	MP1A	Mz	0	2
58	MP1A	Y	-59.636	6
59	MP1A	My	-.075	6
60	MP1A	Mz	0	6
61	MP1B	Y	-59.636	2
62	MP1B	My	.037	2
63	MP1B	Mz	-.065	2
64	MP1B	Y	-59.636	6
65	MP1B	My	.037	6
66	MP1B	Mz	-.065	6
67	MP1C	Y	-59.636	2
68	MP1C	My	.037	2
69	MP1C	Mz	.065	2
70	MP1C	Y	-59.636	6
71	MP1C	My	.037	6
72	MP1C	Mz	.065	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP4A	Y	-59.636	2
74	MP4A	My	-.075	2
75	MP4A	Mz	0	2
76	MP4A	Y	-59.636	6
77	MP4A	My	-.075	6
78	MP4A	Mz	0	6
79	MP4B	Y	-59.636	2
80	MP4B	My	.037	2
81	MP4B	Mz	-.065	2
82	MP4B	Y	-59.636	6
83	MP4B	My	.037	6
84	MP4B	Mz	-.065	6
85	MP4C	Y	-59.636	2
86	MP4C	My	.037	2
87	MP4C	Mz	.065	2
88	MP4C	Y	-59.636	6
89	MP4C	My	.037	6
90	MP4C	Mz	.065	6
91	M101	Y	-89.636	1
92	M101	My	0	1
93	M101	Mz	0	1
94	MP1A	Y	-45.809	2.5
95	MP1A	My	.023	2.5
96	MP1A	Mz	0	2.5
97	MP1B	Y	-45.809	2.5
98	MP1B	My	-.011	2.5
99	MP1B	Mz	.02	2.5
100	MP1C	Y	-45.809	2.5
101	MP1C	My	-.015	2.5
102	MP1C	Mz	-.018	2.5
103	MP2A	Y	-41.202	2.5
104	MP2A	My	.021	2.5
105	MP2A	Mz	0	2.5
106	MP2B	Y	-41.202	2.5
107	MP2B	My	-.01	2.5
108	MP2B	Mz	.018	2.5
109	MP2C	Y	-41.202	2.5
110	MP2C	My	-.013	2.5
111	MP2C	Mz	-.016	2.5
112	MP2B	Y	-17.724	5
113	MP2B	My	-.002	5
114	MP2B	Mz	.004	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2
2	MP2A	Z	-82.561	2
3	MP2A	Mx	-.069	2
4	MP2A	X	0	6
5	MP2A	Z	-82.561	6
6	MP2A	Mx	-.069	6
7	MP2B	X	0	2
8	MP2B	Z	-66.983	2
9	MP2B	Mx	.081	2
10	MP2B	X	0	6
11	MP2B	Z	-66.983	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	.081	6
13	MP2C	X	0	2
14	MP2C	Z	-70.372	2
15	MP2C	Mx	-.012	2
16	MP2C	X	0	6
17	MP2C	Z	-70.372	6
18	MP2C	Mx	-.012	6
19	MP2A	X	0	2
20	MP2A	Z	-82.561	2
21	MP2A	Mx	.069	2
22	MP2A	X	0	6
23	MP2A	Z	-82.561	6
24	MP2A	Mx	.069	6
25	MP2B	X	0	2
26	MP2B	Z	-66.983	2
27	MP2B	Mx	.025	2
28	MP2B	X	0	6
29	MP2B	Z	-66.983	6
30	MP2B	Mx	.025	6
31	MP2C	X	0	2
32	MP2C	Z	-70.372	2
33	MP2C	Mx	-.087	2
34	MP2C	X	0	6
35	MP2C	Z	-70.372	6
36	MP2C	Mx	-.087	6
37	MP3A	X	0	3
38	MP3A	Z	-82.037	3
39	MP3A	Mx	0	3
40	MP3A	X	0	5
41	MP3A	Z	-82.037	5
42	MP3A	Mx	0	5
43	MP3B	X	0	3
44	MP3B	Z	-44.597	3
45	MP3B	Mx	.019	3
46	MP3B	X	0	5
47	MP3B	Z	-44.597	5
48	MP3B	Mx	.019	5
49	MP3C	X	0	3
50	MP3C	Z	-52.743	3
51	MP3C	Mx	-.02	3
52	MP3C	X	0	5
53	MP3C	Z	-52.743	5
54	MP3C	Mx	-.02	5
55	MP1A	X	0	2
56	MP1A	Z	-75.579	2
57	MP1A	Mx	0	2
58	MP1A	X	0	6
59	MP1A	Z	-75.579	6
60	MP1A	Mx	0	6
61	MP1B	X	0	2
62	MP1B	Z	-131.849	2
63	MP1B	Mx	.143	2
64	MP1B	X	0	6
65	MP1B	Z	-131.849	6
66	MP1B	Mx	.143	6
67	MP1C	X	0	2
68	MP1C	Z	-131.849	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP1C	Mx	-.143	2
70	MP1C	X	0	6
71	MP1C	Z	-131.849	6
72	MP1C	Mx	-.143	6
73	MP4A	X	0	2
74	MP4A	Z	-75.579	2
75	MP4A	Mx	0	2
76	MP4A	X	0	6
77	MP4A	Z	-75.579	6
78	MP4A	Mx	0	6
79	MP4B	X	0	2
80	MP4B	Z	-131.849	2
81	MP4B	Mx	.143	2
82	MP4B	X	0	6
83	MP4B	Z	-131.849	6
84	MP4B	Mx	.143	6
85	MP4C	X	0	2
86	MP4C	Z	-131.849	2
87	MP4C	Mx	-.143	2
88	MP4C	X	0	6
89	MP4C	Z	-131.849	6
90	MP4C	Mx	-.143	6
91	M101	X	0	1
92	M101	Z	-109.145	1
93	M101	Mx	0	1
94	MP1A	X	0	2.5
95	MP1A	Z	-54.11	2.5
96	MP1A	Mx	0	2.5
97	MP1B	X	0	2.5
98	MP1B	Z	-40.757	2.5
99	MP1B	Mx	-.018	2.5
100	MP1C	X	0	2.5
101	MP1C	Z	-43.662	2.5
102	MP1C	Mx	.017	2.5
103	MP2A	X	0	2.5
104	MP2A	Z	-54.11	2.5
105	MP2A	Mx	0	2.5
106	MP2B	X	0	2.5
107	MP2B	Z	-35.782	2.5
108	MP2B	Mx	-.015	2.5
109	MP2C	X	0	2.5
110	MP2C	Z	-39.77	2.5
111	MP2C	Mx	.015	2.5
112	MP2B	X	0	5
113	MP2B	Z	-16.002	5
114	MP2B	Mx	-.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	38.684	2
2	MP2A	Z	-67.003	2
3	MP2A	Mx	-.091	2
4	MP2A	X	38.684	6
5	MP2A	Z	-67.003	6
6	MP2A	Mx	-.091	6
7	MP2B	X	30.895	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP2B	Z	-53.512	2
9	MP2B	Mx	.057	2
10	MP2B	X	30.895	6
11	MP2B	Z	-53.512	6
12	MP2B	Mx	.057	6
13	MP2C	X	40.066	2
14	MP2C	Z	-69.396	2
15	MP2C	Mx	.038	2
16	MP2C	X	40.066	6
17	MP2C	Z	-69.396	6
18	MP2C	Mx	.038	6
19	MP2A	X	38.684	2
20	MP2A	Z	-67.003	2
21	MP2A	Mx	.02	2
22	MP2A	X	38.684	6
23	MP2A	Z	-67.003	6
24	MP2A	Mx	.02	6
25	MP2B	X	30.895	2
26	MP2B	Z	-53.512	2
27	MP2B	Mx	.057	2
28	MP2B	X	30.895	6
29	MP2B	Z	-53.512	6
30	MP2B	Mx	.057	6
31	MP2C	X	40.066	2
32	MP2C	Z	-69.396	2
33	MP2C	Mx	-.088	2
34	MP2C	X	40.066	6
35	MP2C	Z	-69.396	6
36	MP2C	Mx	-.088	6
37	MP3A	X	34.779	3
38	MP3A	Z	-60.239	3
39	MP3A	Mx	-.017	3
40	MP3A	X	34.779	5
41	MP3A	Z	-60.239	5
42	MP3A	Mx	-.017	5
43	MP3B	X	16.059	3
44	MP3B	Z	-27.815	3
45	MP3B	Mx	.016	3
46	MP3B	X	16.059	5
47	MP3B	Z	-27.815	5
48	MP3B	Mx	.016	5
49	MP3C	X	38.099	3
50	MP3C	Z	-65.989	3
51	MP3C	Mx	-.013	3
52	MP3C	X	38.099	5
53	MP3C	Z	-65.989	5
54	MP3C	Mx	-.013	5
55	MP1A	X	47.168	2
56	MP1A	Z	-81.697	2
57	MP1A	Mx	-.059	2
58	MP1A	X	47.168	6
59	MP1A	Z	-81.697	6
60	MP1A	Mx	-.059	6
61	MP1B	X	75.303	2
62	MP1B	Z	-130.429	2
63	MP1B	Mx	.188	2
64	MP1B	X	75.303	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP1B	Z	-130.429	6
66	MP1B	Mx	.188	6
67	MP1C	X	47.168	2
68	MP1C	Z	-81.697	2
69	MP1C	Mx	-.059	2
70	MP1C	X	47.168	6
71	MP1C	Z	-81.697	6
72	MP1C	Mx	-.059	6
73	MP4A	X	47.168	2
74	MP4A	Z	-81.697	2
75	MP4A	Mx	-.059	2
76	MP4A	X	47.168	6
77	MP4A	Z	-81.697	6
78	MP4A	Mx	-.059	6
79	MP4B	X	75.303	2
80	MP4B	Z	-130.429	2
81	MP4B	Mx	.188	2
82	MP4B	X	75.303	6
83	MP4B	Z	-130.429	6
84	MP4B	Mx	.188	6
85	MP4C	X	47.168	2
86	MP4C	Z	-81.697	2
87	MP4C	Mx	-.059	2
88	MP4C	X	47.168	6
89	MP4C	Z	-81.697	6
90	MP4C	Mx	-.059	6
91	M101	X	56.031	1
92	M101	Z	-97.049	1
93	M101	Mx	0	1
94	MP1A	X	24.829	2.5
95	MP1A	Z	-43.006	2.5
96	MP1A	Mx	.012	2.5
97	MP1B	X	18.153	2.5
98	MP1B	Z	-31.442	2.5
99	MP1B	Mx	-.018	2.5
100	MP1C	X	26.014	2.5
101	MP1C	Z	-45.057	2.5
102	MP1C	Mx	.009	2.5
103	MP2A	X	24	2.5
104	MP2A	Z	-41.57	2.5
105	MP2A	Mx	.012	2.5
106	MP2B	X	14.837	2.5
107	MP2B	Z	-25.698	2.5
108	MP2B	Mx	-.015	2.5
109	MP2C	X	25.626	2.5
110	MP2C	Z	-44.385	2.5
111	MP2C	Mx	.009	2.5
112	MP2B	X	5.082	5
113	MP2B	Z	-8.803	5
114	MP2B	Mx	-.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	58.009	2
2	MP2A	Z	-33.491	2
3	MP2A	Mx	-.081	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP2A	X	58.009	6
5	MP2A	Z	-33.491	6
6	MP2A	Mx	-.081	6
7	MP2B	X	58.009	2
8	MP2B	Z	-33.491	2
9	MP2B	Mx	.025	2
10	MP2B	X	58.009	6
11	MP2B	Z	-33.491	6
12	MP2B	Mx	.025	6
13	MP2C	X	70.958	2
14	MP2C	Z	-40.967	2
15	MP2C	Mx	.08	2
16	MP2C	X	70.958	6
17	MP2C	Z	-40.967	6
18	MP2C	Mx	.08	6
19	MP2A	X	58.009	2
20	MP2A	Z	-33.491	2
21	MP2A	Mx	-.025	2
22	MP2A	X	58.009	6
23	MP2A	Z	-33.491	6
24	MP2A	Mx	-.025	6
25	MP2B	X	58.009	2
26	MP2B	Z	-33.491	2
27	MP2B	Mx	.081	2
28	MP2B	X	58.009	6
29	MP2B	Z	-33.491	6
30	MP2B	Mx	.081	6
31	MP2C	X	70.958	2
32	MP2C	Z	-40.967	2
33	MP2C	Mx	-.054	2
34	MP2C	X	70.958	6
35	MP2C	Z	-40.967	6
36	MP2C	Mx	-.054	6
37	MP3A	X	38.623	3
38	MP3A	Z	-22.299	3
39	MP3A	Mx	-.019	3
40	MP3A	X	38.623	5
41	MP3A	Z	-22.299	5
42	MP3A	Mx	-.019	5
43	MP3B	X	38.623	3
44	MP3B	Z	-22.299	3
45	MP3B	Mx	.019	3
46	MP3B	X	38.623	5
47	MP3B	Z	-22.299	5
48	MP3B	Mx	.019	5
49	MP3C	X	69.743	3
50	MP3C	Z	-40.266	3
51	MP3C	Mx	.007	3
52	MP3C	X	69.743	5
53	MP3C	Z	-40.266	5
54	MP3C	Mx	.007	5
55	MP1A	X	114.185	2
56	MP1A	Z	-65.925	2
57	MP1A	Mx	-.143	2
58	MP1A	X	114.185	6
59	MP1A	Z	-65.925	6
60	MP1A	Mx	-.143	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP1B	X	114.185	2
62	MP1B	Z	-65.925	2
63	MP1B	Mx	.143	2
64	MP1B	X	114.185	6
65	MP1B	Z	-65.925	6
66	MP1B	Mx	.143	6
67	MP1C	X	65.453	2
68	MP1C	Z	-37.79	2
69	MP1C	Mx	-1e-6	2
70	MP1C	X	65.453	6
71	MP1C	Z	-37.79	6
72	MP1C	Mx	-1e-6	6
73	MP4A	X	114.185	2
74	MP4A	Z	-65.925	2
75	MP4A	Mx	-.143	2
76	MP4A	X	114.185	6
77	MP4A	Z	-65.925	6
78	MP4A	Mx	-.143	6
79	MP4B	X	114.185	2
80	MP4B	Z	-65.925	2
81	MP4B	Mx	.143	2
82	MP4B	X	114.185	6
83	MP4B	Z	-65.925	6
84	MP4B	Mx	.143	6
85	MP4C	X	65.453	2
86	MP4C	Z	-37.79	2
87	MP4C	Mx	-1e-6	2
88	MP4C	X	65.453	6
89	MP4C	Z	-37.79	6
90	MP4C	Mx	-1e-6	6
91	M101	X	110.721	1
92	M101	Z	-63.925	1
93	M101	Mx	0	1
94	MP1A	X	35.297	2.5
95	MP1A	Z	-20.378	2.5
96	MP1A	Mx	.018	2.5
97	MP1B	X	35.297	2.5
98	MP1B	Z	-20.378	2.5
99	MP1B	Mx	-.018	2.5
100	MP1C	X	46.396	2.5
101	MP1C	Z	-26.786	2.5
102	MP1C	Mx	-.005	2.5
103	MP2A	X	30.988	2.5
104	MP2A	Z	-17.891	2.5
105	MP2A	Mx	.015	2.5
106	MP2B	X	30.988	2.5
107	MP2B	Z	-17.891	2.5
108	MP2B	Mx	-.015	2.5
109	MP2C	X	46.222	2.5
110	MP2C	Z	-26.686	2.5
111	MP2C	Mx	-.005	2.5
112	MP2B	X	13.858	5
113	MP2B	Z	-8.001	5
114	MP2B	Mx	-.003	5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	61.79	2
2	MP2A	Z	0	2
3	MP2A	Mx	-.057	2
4	MP2A	X	61.79	6
5	MP2A	Z	0	6
6	MP2A	Mx	-.057	6
7	MP2B	X	77.368	2
8	MP2B	Z	0	2
9	MP2B	Mx	-.02	2
10	MP2B	X	77.368	6
11	MP2B	Z	0	6
12	MP2B	Mx	-.02	6
13	MP2C	X	73.979	2
14	MP2C	Z	0	2
15	MP2C	Mx	.091	2
16	MP2C	X	73.979	6
17	MP2C	Z	0	6
18	MP2C	Mx	.091	6
19	MP2A	X	61.79	2
20	MP2A	Z	0	2
21	MP2A	Mx	-.057	2
22	MP2A	X	61.79	6
23	MP2A	Z	0	6
24	MP2A	Mx	-.057	6
25	MP2B	X	77.368	2
26	MP2B	Z	0	2
27	MP2B	Mx	.091	2
28	MP2B	X	77.368	6
29	MP2B	Z	0	6
30	MP2B	Mx	.091	6
31	MP2C	X	73.979	2
32	MP2C	Z	0	2
33	MP2C	Mx	-.004	2
34	MP2C	X	73.979	6
35	MP2C	Z	0	6
36	MP2C	Mx	-.004	6
37	MP3A	X	32.118	3
38	MP3A	Z	0	3
39	MP3A	Mx	-.016	3
40	MP3A	X	32.118	5
41	MP3A	Z	0	5
42	MP3A	Mx	-.016	5
43	MP3B	X	69.557	3
44	MP3B	Z	0	3
45	MP3B	Mx	.017	3
46	MP3B	X	69.557	5
47	MP3B	Z	0	5
48	MP3B	Mx	.017	5
49	MP3C	X	61.412	3
50	MP3C	Z	0	3
51	MP3C	Mx	.02	3
52	MP3C	X	61.412	5
53	MP3C	Z	0	5
54	MP3C	Mx	.02	5
55	MP1A	X	150.606	2
56	MP1A	Z	0	2
57	MP1A	Mx	-.188	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	150.606	6
59	MP1A	Z	0	6
60	MP1A	Mx	-.188	6
61	MP1B	X	94.336	2
62	MP1B	Z	0	2
63	MP1B	Mx	.059	2
64	MP1B	X	94.336	6
65	MP1B	Z	0	6
66	MP1B	Mx	.059	6
67	MP1C	X	94.336	2
68	MP1C	Z	0	2
69	MP1C	Mx	.059	2
70	MP1C	X	94.336	6
71	MP1C	Z	0	6
72	MP1C	Mx	.059	6
73	MP4A	X	150.606	2
74	MP4A	Z	0	2
75	MP4A	Mx	-.188	2
76	MP4A	X	150.606	6
77	MP4A	Z	0	6
78	MP4A	Mx	-.188	6
79	MP4B	X	94.336	2
80	MP4B	Z	0	2
81	MP4B	Mx	.059	2
82	MP4B	X	94.336	6
83	MP4B	Z	0	6
84	MP4B	Mx	.059	6
85	MP4C	X	94.336	2
86	MP4C	Z	0	2
87	MP4C	Mx	.059	2
88	MP4C	X	94.336	6
89	MP4C	Z	0	6
90	MP4C	Mx	.059	6
91	M101	X	140.72	1
92	M101	Z	0	1
93	M101	Mx	0	1
94	MP1A	X	36.306	2.5
95	MP1A	Z	0	2.5
96	MP1A	Mx	.018	2.5
97	MP1B	X	49.659	2.5
98	MP1B	Z	0	2.5
99	MP1B	Mx	-.012	2.5
100	MP1C	X	46.754	2.5
101	MP1C	Z	0	2.5
102	MP1C	Mx	-.015	2.5
103	MP2A	X	29.673	2.5
104	MP2A	Z	0	2.5
105	MP2A	Mx	.015	2.5
106	MP2B	X	48.001	2.5
107	MP2B	Z	0	2.5
108	MP2B	Mx	-.012	2.5
109	MP2C	X	44.013	2.5
110	MP2C	Z	0	2.5
111	MP2C	Mx	-.014	2.5
112	MP2B	X	27.676	5
113	MP2B	Z	0	5
114	MP2B	Mx	-.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	58.009	2
2	MP2A	Z	33.491	2
3	MP2A	Mx	-.025	2
4	MP2A	X	58.009	6
5	MP2A	Z	33.491	6
6	MP2A	Mx	-.025	6
7	MP2B	X	71.5	2
8	MP2B	Z	41.281	2
9	MP2B	Mx	-.069	2
10	MP2B	X	71.5	6
11	MP2B	Z	41.281	6
12	MP2B	Mx	-.069	6
13	MP2C	X	55.616	2
14	MP2C	Z	32.11	2
15	MP2C	Mx	.074	2
16	MP2C	X	55.616	6
17	MP2C	Z	32.11	6
18	MP2C	Mx	.074	6
19	MP2A	X	58.009	2
20	MP2A	Z	33.491	2
21	MP2A	Mx	-.081	2
22	MP2A	X	58.009	6
23	MP2A	Z	33.491	6
24	MP2A	Mx	-.081	6
25	MP2B	X	71.5	2
26	MP2B	Z	41.281	2
27	MP2B	Mx	.069	2
28	MP2B	X	71.5	6
29	MP2B	Z	41.281	6
30	MP2B	Mx	.069	6
31	MP2C	X	55.616	2
32	MP2C	Z	32.11	2
33	MP2C	Mx	.037	2
34	MP2C	X	55.616	6
35	MP2C	Z	32.11	6
36	MP2C	Mx	.037	6
37	MP3A	X	38.623	3
38	MP3A	Z	22.299	3
39	MP3A	Mx	-.019	3
40	MP3A	X	38.623	5
41	MP3A	Z	22.299	5
42	MP3A	Mx	-.019	5
43	MP3B	X	71.047	3
44	MP3B	Z	41.019	3
45	MP3B	Mx	0	3
46	MP3B	X	71.047	5
47	MP3B	Z	41.019	5
48	MP3B	Mx	0	5
49	MP3C	X	32.872	3
50	MP3C	Z	18.979	3
51	MP3C	Mx	.018	3
52	MP3C	X	32.872	5
53	MP3C	Z	18.979	5
54	MP3C	Mx	.018	5
55	MP1A	X	114.185	2
56	MP1A	Z	65.925	2
57	MP1A	Mx	-.143	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	114.185	6
59	MP1A	Z	65.925	6
60	MP1A	Mx	-.143	6
61	MP1B	X	65.453	2
62	MP1B	Z	37.79	2
63	MP1B	Mx	-1e-6	2
64	MP1B	X	65.453	6
65	MP1B	Z	37.79	6
66	MP1B	Mx	-1e-6	6
67	MP1C	X	114.185	2
68	MP1C	Z	65.925	2
69	MP1C	Mx	.143	2
70	MP1C	X	114.185	6
71	MP1C	Z	65.925	6
72	MP1C	Mx	.143	6
73	MP4A	X	114.185	2
74	MP4A	Z	65.925	2
75	MP4A	Mx	-.143	2
76	MP4A	X	114.185	6
77	MP4A	Z	65.925	6
78	MP4A	Mx	-.143	6
79	MP4B	X	65.453	2
80	MP4B	Z	37.79	2
81	MP4B	Mx	-1e-6	2
82	MP4B	X	65.453	6
83	MP4B	Z	37.79	6
84	MP4B	Mx	-1e-6	6
85	MP4C	X	114.185	2
86	MP4C	Z	65.925	2
87	MP4C	Mx	.143	2
88	MP4C	X	114.185	6
89	MP4C	Z	65.925	6
90	MP4C	Mx	.143	6
91	M101	X	119.34	1
92	M101	Z	68.901	1
93	M101	Mx	0	1
94	MP1A	X	35.297	2.5
95	MP1A	Z	20.378	2.5
96	MP1A	Mx	.018	2.5
97	MP1B	X	46.86	2.5
98	MP1B	Z	27.055	2.5
99	MP1B	Mx	0	2.5
100	MP1C	X	33.245	2.5
101	MP1C	Z	19.194	2.5
102	MP1C	Mx	-.018	2.5
103	MP2A	X	30.988	2.5
104	MP2A	Z	17.891	2.5
105	MP2A	Mx	.015	2.5
106	MP2B	X	46.86	2.5
107	MP2B	Z	27.055	2.5
108	MP2B	Mx	0	2.5
109	MP2C	X	28.173	2.5
110	MP2C	Z	16.266	2.5
111	MP2C	Mx	-.015	2.5
112	MP2B	X	29.023	5
113	MP2B	Z	16.757	5
114	MP2B	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	38.684	2
2	MP2A	Z	67.003	2
3	MP2A	Mx	.02	2
4	MP2A	X	38.684	6
5	MP2A	Z	67.003	6
6	MP2A	Mx	.02	6
7	MP2B	X	38.684	2
8	MP2B	Z	67.003	2
9	MP2B	Mx	-.091	2
10	MP2B	X	38.684	6
11	MP2B	Z	67.003	6
12	MP2B	Mx	-.091	6
13	MP2C	X	31.208	2
14	MP2C	Z	54.054	2
15	MP2C	Mx	.047	2
16	MP2C	X	31.208	6
17	MP2C	Z	54.054	6
18	MP2C	Mx	.047	6
19	MP2A	X	38.684	2
20	MP2A	Z	67.003	2
21	MP2A	Mx	-.091	2
22	MP2A	X	38.684	6
23	MP2A	Z	67.003	6
24	MP2A	Mx	-.091	6
25	MP2B	X	38.684	2
26	MP2B	Z	67.003	2
27	MP2B	Mx	.02	2
28	MP2B	X	38.684	6
29	MP2B	Z	67.003	6
30	MP2B	Mx	.02	6
31	MP2C	X	31.208	2
32	MP2C	Z	54.054	2
33	MP2C	Mx	.065	2
34	MP2C	X	31.208	6
35	MP2C	Z	54.054	6
36	MP2C	Mx	.065	6
37	MP3A	X	34.779	3
38	MP3A	Z	60.239	3
39	MP3A	Mx	-.017	3
40	MP3A	X	34.779	5
41	MP3A	Z	60.239	5
42	MP3A	Mx	-.017	5
43	MP3B	X	34.779	3
44	MP3B	Z	60.239	3
45	MP3B	Mx	-.017	3
46	MP3B	X	34.779	5
47	MP3B	Z	60.239	5
48	MP3B	Mx	-.017	5
49	MP3C	X	16.811	3
50	MP3C	Z	29.118	3
51	MP3C	Mx	.017	3
52	MP3C	X	16.811	5
53	MP3C	Z	29.118	5
54	MP3C	Mx	.017	5
55	MP1A	X	47.168	2
56	MP1A	Z	81.697	2
57	MP1A	Mx	-.059	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	47.168	6
59	MP1A	Z	81.697	6
60	MP1A	Mx	-.059	6
61	MP1B	X	47.168	2
62	MP1B	Z	81.697	2
63	MP1B	Mx	-.059	2
64	MP1B	X	47.168	6
65	MP1B	Z	81.697	6
66	MP1B	Mx	-.059	6
67	MP1C	X	75.303	2
68	MP1C	Z	130.429	2
69	MP1C	Mx	.188	2
70	MP1C	X	75.303	6
71	MP1C	Z	130.429	6
72	MP1C	Mx	.188	6
73	MP4A	X	47.168	2
74	MP4A	Z	81.697	2
75	MP4A	Mx	-.059	2
76	MP4A	X	47.168	6
77	MP4A	Z	81.697	6
78	MP4A	Mx	-.059	6
79	MP4B	X	47.168	2
80	MP4B	Z	81.697	2
81	MP4B	Mx	-.059	2
82	MP4B	X	47.168	6
83	MP4B	Z	81.697	6
84	MP4B	Mx	-.059	6
85	MP4C	X	75.303	2
86	MP4C	Z	130.429	2
87	MP4C	Mx	.188	2
88	MP4C	X	75.303	6
89	MP4C	Z	130.429	6
90	MP4C	Mx	.188	6
91	M101	X	61.008	1
92	M101	Z	105.668	1
93	M101	Mx	0	1
94	MP1A	X	24.829	2.5
95	MP1A	Z	43.006	2.5
96	MP1A	Mx	.012	2.5
97	MP1B	X	24.829	2.5
98	MP1B	Z	43.006	2.5
99	MP1B	Mx	.012	2.5
100	MP1C	X	18.421	2.5
101	MP1C	Z	31.907	2.5
102	MP1C	Mx	-.018	2.5
103	MP2A	X	24	2.5
104	MP2A	Z	41.57	2.5
105	MP2A	Mx	.012	2.5
106	MP2B	X	24	2.5
107	MP2B	Z	41.57	2.5
108	MP2B	Mx	.012	2.5
109	MP2C	X	15.205	2.5
110	MP2C	Z	26.336	2.5
111	MP2C	Mx	-.015	2.5
112	MP2B	X	13.838	5
113	MP2B	Z	23.968	5
114	MP2B	Mx	.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2
2	MP2A	Z	82.561	2
3	MP2A	Mx	.069	2
4	MP2A	X	0	6
5	MP2A	Z	82.561	6
6	MP2A	Mx	.069	6
7	MP2B	X	0	2
8	MP2B	Z	66.983	2
9	MP2B	Mx	-.081	2
10	MP2B	X	0	6
11	MP2B	Z	66.983	6
12	MP2B	Mx	-.081	6
13	MP2C	X	0	2
14	MP2C	Z	70.372	2
15	MP2C	Mx	.012	2
16	MP2C	X	0	6
17	MP2C	Z	70.372	6
18	MP2C	Mx	.012	6
19	MP2A	X	0	2
20	MP2A	Z	82.561	2
21	MP2A	Mx	-.069	2
22	MP2A	X	0	6
23	MP2A	Z	82.561	6
24	MP2A	Mx	-.069	6
25	MP2B	X	0	2
26	MP2B	Z	66.983	2
27	MP2B	Mx	-.025	2
28	MP2B	X	0	6
29	MP2B	Z	66.983	6
30	MP2B	Mx	-.025	6
31	MP2C	X	0	2
32	MP2C	Z	70.372	2
33	MP2C	Mx	.087	2
34	MP2C	X	0	6
35	MP2C	Z	70.372	6
36	MP2C	Mx	.087	6
37	MP3A	X	0	3
38	MP3A	Z	82.037	3
39	MP3A	Mx	0	3
40	MP3A	X	0	5
41	MP3A	Z	82.037	5
42	MP3A	Mx	0	5
43	MP3B	X	0	3
44	MP3B	Z	44.597	3
45	MP3B	Mx	-.019	3
46	MP3B	X	0	5
47	MP3B	Z	44.597	5
48	MP3B	Mx	-.019	5
49	MP3C	X	0	3
50	MP3C	Z	52.743	3
51	MP3C	Mx	.02	3
52	MP3C	X	0	5
53	MP3C	Z	52.743	5
54	MP3C	Mx	.02	5
55	MP1A	X	0	2
56	MP1A	Z	75.579	2
57	MP1A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	0	6
59	MP1A	Z	75.579	6
60	MP1A	Mx	0	6
61	MP1B	X	0	2
62	MP1B	Z	131.849	2
63	MP1B	Mx	-.143	2
64	MP1B	X	0	6
65	MP1B	Z	131.849	6
66	MP1B	Mx	-.143	6
67	MP1C	X	0	2
68	MP1C	Z	131.849	2
69	MP1C	Mx	.143	2
70	MP1C	X	0	6
71	MP1C	Z	131.849	6
72	MP1C	Mx	.143	6
73	MP4A	X	0	2
74	MP4A	Z	75.579	2
75	MP4A	Mx	0	2
76	MP4A	X	0	6
77	MP4A	Z	75.579	6
78	MP4A	Mx	0	6
79	MP4B	X	0	2
80	MP4B	Z	131.849	2
81	MP4B	Mx	-.143	2
82	MP4B	X	0	6
83	MP4B	Z	131.849	6
84	MP4B	Mx	-.143	6
85	MP4C	X	0	2
86	MP4C	Z	131.849	2
87	MP4C	Mx	.143	2
88	MP4C	X	0	6
89	MP4C	Z	131.849	6
90	MP4C	Mx	.143	6
91	M101	X	0	1
92	M101	Z	109.145	1
93	M101	Mx	0	1
94	MP1A	X	0	2.5
95	MP1A	Z	54.11	2.5
96	MP1A	Mx	0	2.5
97	MP1B	X	0	2.5
98	MP1B	Z	40.757	2.5
99	MP1B	Mx	.018	2.5
100	MP1C	X	0	2.5
101	MP1C	Z	43.662	2.5
102	MP1C	Mx	-.017	2.5
103	MP2A	X	0	2.5
104	MP2A	Z	54.11	2.5
105	MP2A	Mx	0	2.5
106	MP2B	X	0	2.5
107	MP2B	Z	35.782	2.5
108	MP2B	Mx	.015	2.5
109	MP2C	X	0	2.5
110	MP2C	Z	39.77	2.5
111	MP2C	Mx	-.015	2.5
112	MP2B	X	0	5
113	MP2B	Z	16.002	5
114	MP2B	Mx	.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-38.684	2
2	MP2A	Z	67.003	2
3	MP2A	Mx	.091	2
4	MP2A	X	-38.684	6
5	MP2A	Z	67.003	6
6	MP2A	Mx	.091	6
7	MP2B	X	-30.895	2
8	MP2B	Z	53.512	2
9	MP2B	Mx	-.057	2
10	MP2B	X	-30.895	6
11	MP2B	Z	53.512	6
12	MP2B	Mx	-.057	6
13	MP2C	X	-40.066	2
14	MP2C	Z	69.396	2
15	MP2C	Mx	-.038	2
16	MP2C	X	-40.066	6
17	MP2C	Z	69.396	6
18	MP2C	Mx	-.038	6
19	MP2A	X	-38.684	2
20	MP2A	Z	67.003	2
21	MP2A	Mx	-.02	2
22	MP2A	X	-38.684	6
23	MP2A	Z	67.003	6
24	MP2A	Mx	-.02	6
25	MP2B	X	-30.895	2
26	MP2B	Z	53.512	2
27	MP2B	Mx	-.057	2
28	MP2B	X	-30.895	6
29	MP2B	Z	53.512	6
30	MP2B	Mx	-.057	6
31	MP2C	X	-40.066	2
32	MP2C	Z	69.396	2
33	MP2C	Mx	.088	2
34	MP2C	X	-40.066	6
35	MP2C	Z	69.396	6
36	MP2C	Mx	.088	6
37	MP3A	X	-34.779	3
38	MP3A	Z	60.239	3
39	MP3A	Mx	.017	3
40	MP3A	X	-34.779	5
41	MP3A	Z	60.239	5
42	MP3A	Mx	.017	5
43	MP3B	X	-16.059	3
44	MP3B	Z	27.815	3
45	MP3B	Mx	-.016	3
46	MP3B	X	-16.059	5
47	MP3B	Z	27.815	5
48	MP3B	Mx	-.016	5
49	MP3C	X	-38.099	3
50	MP3C	Z	65.989	3
51	MP3C	Mx	.013	3
52	MP3C	X	-38.099	5
53	MP3C	Z	65.989	5
54	MP3C	Mx	.013	5
55	MP1A	X	-47.168	2
56	MP1A	Z	81.697	2
57	MP1A	Mx	.059	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-47.168	6
59	MP1A	Z	81.697	6
60	MP1A	Mx	.059	6
61	MP1B	X	-75.303	2
62	MP1B	Z	130.429	2
63	MP1B	Mx	-.188	2
64	MP1B	X	-75.303	6
65	MP1B	Z	130.429	6
66	MP1B	Mx	-.188	6
67	MP1C	X	-47.168	2
68	MP1C	Z	81.697	2
69	MP1C	Mx	.059	2
70	MP1C	X	-47.168	6
71	MP1C	Z	81.697	6
72	MP1C	Mx	.059	6
73	MP4A	X	-47.168	2
74	MP4A	Z	81.697	2
75	MP4A	Mx	.059	2
76	MP4A	X	-47.168	6
77	MP4A	Z	81.697	6
78	MP4A	Mx	.059	6
79	MP4B	X	-75.303	2
80	MP4B	Z	130.429	2
81	MP4B	Mx	-.188	2
82	MP4B	X	-75.303	6
83	MP4B	Z	130.429	6
84	MP4B	Mx	-.188	6
85	MP4C	X	-47.168	2
86	MP4C	Z	81.697	2
87	MP4C	Mx	.059	2
88	MP4C	X	-47.168	6
89	MP4C	Z	81.697	6
90	MP4C	Mx	.059	6
91	M101	X	-56.031	1
92	M101	Z	97.049	1
93	M101	Mx	0	1
94	MP1A	X	-24.829	2.5
95	MP1A	Z	43.006	2.5
96	MP1A	Mx	-.012	2.5
97	MP1B	X	-18.153	2.5
98	MP1B	Z	31.442	2.5
99	MP1B	Mx	.018	2.5
100	MP1C	X	-26.014	2.5
101	MP1C	Z	45.057	2.5
102	MP1C	Mx	-.009	2.5
103	MP2A	X	-24	2.5
104	MP2A	Z	41.57	2.5
105	MP2A	Mx	-.012	2.5
106	MP2B	X	-14.837	2.5
107	MP2B	Z	25.698	2.5
108	MP2B	Mx	.015	2.5
109	MP2C	X	-25.626	2.5
110	MP2C	Z	44.385	2.5
111	MP2C	Mx	-.009	2.5
112	MP2B	X	-5.082	5
113	MP2B	Z	8.803	5
114	MP2B	Mx	.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-58.009	2
2	MP2A	Z	33.491	2
3	MP2A	Mx	.081	2
4	MP2A	X	-58.009	6
5	MP2A	Z	33.491	6
6	MP2A	Mx	.081	6
7	MP2B	X	-58.009	2
8	MP2B	Z	33.491	2
9	MP2B	Mx	-.025	2
10	MP2B	X	-58.009	6
11	MP2B	Z	33.491	6
12	MP2B	Mx	-.025	6
13	MP2C	X	-70.958	2
14	MP2C	Z	40.967	2
15	MP2C	Mx	-.08	2
16	MP2C	X	-70.958	6
17	MP2C	Z	40.967	6
18	MP2C	Mx	-.08	6
19	MP2A	X	-58.009	2
20	MP2A	Z	33.491	2
21	MP2A	Mx	.025	2
22	MP2A	X	-58.009	6
23	MP2A	Z	33.491	6
24	MP2A	Mx	.025	6
25	MP2B	X	-58.009	2
26	MP2B	Z	33.491	2
27	MP2B	Mx	-.081	2
28	MP2B	X	-58.009	6
29	MP2B	Z	33.491	6
30	MP2B	Mx	-.081	6
31	MP2C	X	-70.958	2
32	MP2C	Z	40.967	2
33	MP2C	Mx	.054	2
34	MP2C	X	-70.958	6
35	MP2C	Z	40.967	6
36	MP2C	Mx	.054	6
37	MP3A	X	-38.623	3
38	MP3A	Z	22.299	3
39	MP3A	Mx	.019	3
40	MP3A	X	-38.623	5
41	MP3A	Z	22.299	5
42	MP3A	Mx	.019	5
43	MP3B	X	-38.623	3
44	MP3B	Z	22.299	3
45	MP3B	Mx	-.019	3
46	MP3B	X	-38.623	5
47	MP3B	Z	22.299	5
48	MP3B	Mx	-.019	5
49	MP3C	X	-69.743	3
50	MP3C	Z	40.266	3
51	MP3C	Mx	-.007	3
52	MP3C	X	-69.743	5
53	MP3C	Z	40.266	5
54	MP3C	Mx	-.007	5
55	MP1A	X	-114.185	2
56	MP1A	Z	65.925	2
57	MP1A	Mx	.143	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-114.185	6
59	MP1A	Z	65.925	6
60	MP1A	Mx	.143	6
61	MP1B	X	-114.185	2
62	MP1B	Z	65.925	2
63	MP1B	Mx	-.143	2
64	MP1B	X	-114.185	6
65	MP1B	Z	65.925	6
66	MP1B	Mx	-.143	6
67	MP1C	X	-65.453	2
68	MP1C	Z	37.79	2
69	MP1C	Mx	1e-6	2
70	MP1C	X	-65.453	6
71	MP1C	Z	37.79	6
72	MP1C	Mx	1e-6	6
73	MP4A	X	-114.185	2
74	MP4A	Z	65.925	2
75	MP4A	Mx	.143	2
76	MP4A	X	-114.185	6
77	MP4A	Z	65.925	6
78	MP4A	Mx	.143	6
79	MP4B	X	-114.185	2
80	MP4B	Z	65.925	2
81	MP4B	Mx	-.143	2
82	MP4B	X	-114.185	6
83	MP4B	Z	65.925	6
84	MP4B	Mx	-.143	6
85	MP4C	X	-65.453	2
86	MP4C	Z	37.79	2
87	MP4C	Mx	1e-6	2
88	MP4C	X	-65.453	6
89	MP4C	Z	37.79	6
90	MP4C	Mx	1e-6	6
91	M101	X	-110.721	1
92	M101	Z	63.925	1
93	M101	Mx	0	1
94	MP1A	X	-35.297	2.5
95	MP1A	Z	20.378	2.5
96	MP1A	Mx	-.018	2.5
97	MP1B	X	-35.297	2.5
98	MP1B	Z	20.378	2.5
99	MP1B	Mx	.018	2.5
100	MP1C	X	-46.396	2.5
101	MP1C	Z	26.786	2.5
102	MP1C	Mx	.005	2.5
103	MP2A	X	-30.988	2.5
104	MP2A	Z	17.891	2.5
105	MP2A	Mx	-.015	2.5
106	MP2B	X	-30.988	2.5
107	MP2B	Z	17.891	2.5
108	MP2B	Mx	.015	2.5
109	MP2C	X	-46.222	2.5
110	MP2C	Z	26.686	2.5
111	MP2C	Mx	.005	2.5
112	MP2B	X	-13.858	5
113	MP2B	Z	8.001	5
114	MP2B	Mx	.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-61.79	2
2	MP2A	Z	0	2
3	MP2A	Mx	.057	2
4	MP2A	X	-61.79	6
5	MP2A	Z	0	6
6	MP2A	Mx	.057	6
7	MP2B	X	-77.368	2
8	MP2B	Z	0	2
9	MP2B	Mx	.02	2
10	MP2B	X	-77.368	6
11	MP2B	Z	0	6
12	MP2B	Mx	.02	6
13	MP2C	X	-73.979	2
14	MP2C	Z	0	2
15	MP2C	Mx	-.091	2
16	MP2C	X	-73.979	6
17	MP2C	Z	0	6
18	MP2C	Mx	-.091	6
19	MP2A	X	-61.79	2
20	MP2A	Z	0	2
21	MP2A	Mx	.057	2
22	MP2A	X	-61.79	6
23	MP2A	Z	0	6
24	MP2A	Mx	.057	6
25	MP2B	X	-77.368	2
26	MP2B	Z	0	2
27	MP2B	Mx	-.091	2
28	MP2B	X	-77.368	6
29	MP2B	Z	0	6
30	MP2B	Mx	-.091	6
31	MP2C	X	-73.979	2
32	MP2C	Z	0	2
33	MP2C	Mx	.004	2
34	MP2C	X	-73.979	6
35	MP2C	Z	0	6
36	MP2C	Mx	.004	6
37	MP3A	X	-32.118	3
38	MP3A	Z	0	3
39	MP3A	Mx	.016	3
40	MP3A	X	-32.118	5
41	MP3A	Z	0	5
42	MP3A	Mx	.016	5
43	MP3B	X	-69.557	3
44	MP3B	Z	0	3
45	MP3B	Mx	-.017	3
46	MP3B	X	-69.557	5
47	MP3B	Z	0	5
48	MP3B	Mx	-.017	5
49	MP3C	X	-61.412	3
50	MP3C	Z	0	3
51	MP3C	Mx	-.02	3
52	MP3C	X	-61.412	5
53	MP3C	Z	0	5
54	MP3C	Mx	-.02	5
55	MP1A	X	-150.606	2
56	MP1A	Z	0	2
57	MP1A	Mx	.188	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-150.606	6
59	MP1A	Z	0	6
60	MP1A	Mx	.188	6
61	MP1B	X	-94.336	2
62	MP1B	Z	0	2
63	MP1B	Mx	-.059	2
64	MP1B	X	-94.336	6
65	MP1B	Z	0	6
66	MP1B	Mx	-.059	6
67	MP1C	X	-94.336	2
68	MP1C	Z	0	2
69	MP1C	Mx	-.059	2
70	MP1C	X	-94.336	6
71	MP1C	Z	0	6
72	MP1C	Mx	-.059	6
73	MP4A	X	-150.606	2
74	MP4A	Z	0	2
75	MP4A	Mx	.188	2
76	MP4A	X	-150.606	6
77	MP4A	Z	0	6
78	MP4A	Mx	.188	6
79	MP4B	X	-94.336	2
80	MP4B	Z	0	2
81	MP4B	Mx	-.059	2
82	MP4B	X	-94.336	6
83	MP4B	Z	0	6
84	MP4B	Mx	-.059	6
85	MP4C	X	-94.336	2
86	MP4C	Z	0	2
87	MP4C	Mx	-.059	2
88	MP4C	X	-94.336	6
89	MP4C	Z	0	6
90	MP4C	Mx	-.059	6
91	M101	X	-140.72	1
92	M101	Z	0	1
93	M101	Mx	0	1
94	MP1A	X	-36.306	2.5
95	MP1A	Z	0	2.5
96	MP1A	Mx	-.018	2.5
97	MP1B	X	-49.659	2.5
98	MP1B	Z	0	2.5
99	MP1B	Mx	.012	2.5
100	MP1C	X	-46.754	2.5
101	MP1C	Z	0	2.5
102	MP1C	Mx	.015	2.5
103	MP2A	X	-29.673	2.5
104	MP2A	Z	0	2.5
105	MP2A	Mx	-.015	2.5
106	MP2B	X	-48.001	2.5
107	MP2B	Z	0	2.5
108	MP2B	Mx	.012	2.5
109	MP2C	X	-44.013	2.5
110	MP2C	Z	0	2.5
111	MP2C	Mx	.014	2.5
112	MP2B	X	-27.676	5
113	MP2B	Z	0	5
114	MP2B	Mx	.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-58.009	2
2	MP2A	Z	-33.491	2
3	MP2A	Mx	.025	2
4	MP2A	X	-58.009	6
5	MP2A	Z	-33.491	6
6	MP2A	Mx	.025	6
7	MP2B	X	-71.5	2
8	MP2B	Z	-41.281	2
9	MP2B	Mx	.069	2
10	MP2B	X	-71.5	6
11	MP2B	Z	-41.281	6
12	MP2B	Mx	.069	6
13	MP2C	X	-55.616	2
14	MP2C	Z	-32.11	2
15	MP2C	Mx	-.074	2
16	MP2C	X	-55.616	6
17	MP2C	Z	-32.11	6
18	MP2C	Mx	-.074	6
19	MP2A	X	-58.009	2
20	MP2A	Z	-33.491	2
21	MP2A	Mx	.081	2
22	MP2A	X	-58.009	6
23	MP2A	Z	-33.491	6
24	MP2A	Mx	.081	6
25	MP2B	X	-71.5	2
26	MP2B	Z	-41.281	2
27	MP2B	Mx	-.069	2
28	MP2B	X	-71.5	6
29	MP2B	Z	-41.281	6
30	MP2B	Mx	-.069	6
31	MP2C	X	-55.616	2
32	MP2C	Z	-32.11	2
33	MP2C	Mx	-.037	2
34	MP2C	X	-55.616	6
35	MP2C	Z	-32.11	6
36	MP2C	Mx	-.037	6
37	MP3A	X	-38.623	3
38	MP3A	Z	-22.299	3
39	MP3A	Mx	.019	3
40	MP3A	X	-38.623	5
41	MP3A	Z	-22.299	5
42	MP3A	Mx	.019	5
43	MP3B	X	-71.047	3
44	MP3B	Z	-41.019	3
45	MP3B	Mx	0	3
46	MP3B	X	-71.047	5
47	MP3B	Z	-41.019	5
48	MP3B	Mx	0	5
49	MP3C	X	-32.872	3
50	MP3C	Z	-18.979	3
51	MP3C	Mx	-.018	3
52	MP3C	X	-32.872	5
53	MP3C	Z	-18.979	5
54	MP3C	Mx	-.018	5
55	MP1A	X	-114.185	2
56	MP1A	Z	-65.925	2
57	MP1A	Mx	.143	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-114.185	6
59	MP1A	Z	-65.925	6
60	MP1A	Mx	.143	6
61	MP1B	X	-65.453	2
62	MP1B	Z	-37.79	2
63	MP1B	Mx	1e-6	2
64	MP1B	X	-65.453	6
65	MP1B	Z	-37.79	6
66	MP1B	Mx	1e-6	6
67	MP1C	X	-114.185	2
68	MP1C	Z	-65.925	2
69	MP1C	Mx	-.143	2
70	MP1C	X	-114.185	6
71	MP1C	Z	-65.925	6
72	MP1C	Mx	-.143	6
73	MP4A	X	-114.185	2
74	MP4A	Z	-65.925	2
75	MP4A	Mx	.143	2
76	MP4A	X	-114.185	6
77	MP4A	Z	-65.925	6
78	MP4A	Mx	.143	6
79	MP4B	X	-65.453	2
80	MP4B	Z	-37.79	2
81	MP4B	Mx	1e-6	2
82	MP4B	X	-65.453	6
83	MP4B	Z	-37.79	6
84	MP4B	Mx	1e-6	6
85	MP4C	X	-114.185	2
86	MP4C	Z	-65.925	2
87	MP4C	Mx	-.143	2
88	MP4C	X	-114.185	6
89	MP4C	Z	-65.925	6
90	MP4C	Mx	-.143	6
91	M101	X	-119.34	1
92	M101	Z	-68.901	1
93	M101	Mx	0	1
94	MP1A	X	-35.297	2.5
95	MP1A	Z	-20.378	2.5
96	MP1A	Mx	-.018	2.5
97	MP1B	X	-46.86	2.5
98	MP1B	Z	-27.055	2.5
99	MP1B	Mx	0	2.5
100	MP1C	X	-33.245	2.5
101	MP1C	Z	-19.194	2.5
102	MP1C	Mx	.018	2.5
103	MP2A	X	-30.988	2.5
104	MP2A	Z	-17.891	2.5
105	MP2A	Mx	-.015	2.5
106	MP2B	X	-46.86	2.5
107	MP2B	Z	-27.055	2.5
108	MP2B	Mx	0	2.5
109	MP2C	X	-28.173	2.5
110	MP2C	Z	-16.266	2.5
111	MP2C	Mx	.015	2.5
112	MP2B	X	-29.023	5
113	MP2B	Z	-16.757	5
114	MP2B	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-38.684	2
2	MP2A	Z	-67.003	2
3	MP2A	Mx	-.02	2
4	MP2A	X	-38.684	6
5	MP2A	Z	-67.003	6
6	MP2A	Mx	-.02	6
7	MP2B	X	-38.684	2
8	MP2B	Z	-67.003	2
9	MP2B	Mx	.091	2
10	MP2B	X	-38.684	6
11	MP2B	Z	-67.003	6
12	MP2B	Mx	.091	6
13	MP2C	X	-31.208	2
14	MP2C	Z	-54.054	2
15	MP2C	Mx	-.047	2
16	MP2C	X	-31.208	6
17	MP2C	Z	-54.054	6
18	MP2C	Mx	-.047	6
19	MP2A	X	-38.684	2
20	MP2A	Z	-67.003	2
21	MP2A	Mx	.091	2
22	MP2A	X	-38.684	6
23	MP2A	Z	-67.003	6
24	MP2A	Mx	.091	6
25	MP2B	X	-38.684	2
26	MP2B	Z	-67.003	2
27	MP2B	Mx	-.02	2
28	MP2B	X	-38.684	6
29	MP2B	Z	-67.003	6
30	MP2B	Mx	-.02	6
31	MP2C	X	-31.208	2
32	MP2C	Z	-54.054	2
33	MP2C	Mx	-.065	2
34	MP2C	X	-31.208	6
35	MP2C	Z	-54.054	6
36	MP2C	Mx	-.065	6
37	MP3A	X	-34.779	3
38	MP3A	Z	-60.239	3
39	MP3A	Mx	.017	3
40	MP3A	X	-34.779	5
41	MP3A	Z	-60.239	5
42	MP3A	Mx	.017	5
43	MP3B	X	-34.779	3
44	MP3B	Z	-60.239	3
45	MP3B	Mx	.017	3
46	MP3B	X	-34.779	5
47	MP3B	Z	-60.239	5
48	MP3B	Mx	.017	5
49	MP3C	X	-16.811	3
50	MP3C	Z	-29.118	3
51	MP3C	Mx	-.017	3
52	MP3C	X	-16.811	5
53	MP3C	Z	-29.118	5
54	MP3C	Mx	-.017	5
55	MP1A	X	-47.168	2
56	MP1A	Z	-81.697	2
57	MP1A	Mx	.059	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-47.168	6
59	MP1A	Z	-81.697	6
60	MP1A	Mx	.059	6
61	MP1B	X	-47.168	2
62	MP1B	Z	-81.697	2
63	MP1B	Mx	.059	2
64	MP1B	X	-47.168	6
65	MP1B	Z	-81.697	6
66	MP1B	Mx	.059	6
67	MP1C	X	-75.303	2
68	MP1C	Z	-130.429	2
69	MP1C	Mx	-.188	2
70	MP1C	X	-75.303	6
71	MP1C	Z	-130.429	6
72	MP1C	Mx	-.188	6
73	MP4A	X	-47.168	2
74	MP4A	Z	-81.697	2
75	MP4A	Mx	.059	2
76	MP4A	X	-47.168	6
77	MP4A	Z	-81.697	6
78	MP4A	Mx	.059	6
79	MP4B	X	-47.168	2
80	MP4B	Z	-81.697	2
81	MP4B	Mx	.059	2
82	MP4B	X	-47.168	6
83	MP4B	Z	-81.697	6
84	MP4B	Mx	.059	6
85	MP4C	X	-75.303	2
86	MP4C	Z	-130.429	2
87	MP4C	Mx	-.188	2
88	MP4C	X	-75.303	6
89	MP4C	Z	-130.429	6
90	MP4C	Mx	-.188	6
91	M101	X	-61.008	1
92	M101	Z	-105.668	1
93	M101	Mx	0	1
94	MP1A	X	-24.829	2.5
95	MP1A	Z	-43.006	2.5
96	MP1A	Mx	-.012	2.5
97	MP1B	X	-24.829	2.5
98	MP1B	Z	-43.006	2.5
99	MP1B	Mx	-.012	2.5
100	MP1C	X	-18.421	2.5
101	MP1C	Z	-31.907	2.5
102	MP1C	Mx	.018	2.5
103	MP2A	X	-24	2.5
104	MP2A	Z	-41.57	2.5
105	MP2A	Mx	-.012	2.5
106	MP2B	X	-24	2.5
107	MP2B	Z	-41.57	2.5
108	MP2B	Mx	-.012	2.5
109	MP2C	X	-15.205	2.5
110	MP2C	Z	-26.336	2.5
111	MP2C	Mx	.015	2.5
112	MP2B	X	-13.838	5
113	MP2B	Z	-23.968	5
114	MP2B	Mx	-.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2
2	MP2A	Z	-32.665	2
3	MP2A	Mx	-.027	2
4	MP2A	X	0	6
5	MP2A	Z	-32.665	6
6	MP2A	Mx	-.027	6
7	MP2B	X	0	2
8	MP2B	Z	-26.706	2
9	MP2B	Mx	.032	2
10	MP2B	X	0	6
11	MP2B	Z	-26.706	6
12	MP2B	Mx	.032	6
13	MP2C	X	0	2
14	MP2C	Z	-28.002	2
15	MP2C	Mx	-.005	2
16	MP2C	X	0	6
17	MP2C	Z	-28.002	6
18	MP2C	Mx	-.005	6
19	MP2A	X	0	2
20	MP2A	Z	-32.665	2
21	MP2A	Mx	.027	2
22	MP2A	X	0	6
23	MP2A	Z	-32.665	6
24	MP2A	Mx	.027	6
25	MP2B	X	0	2
26	MP2B	Z	-26.706	2
27	MP2B	Mx	.01	2
28	MP2B	X	0	6
29	MP2B	Z	-26.706	6
30	MP2B	Mx	.01	6
31	MP2C	X	0	2
32	MP2C	Z	-28.002	2
33	MP2C	Mx	-.035	2
34	MP2C	X	0	6
35	MP2C	Z	-28.002	6
36	MP2C	Mx	-.035	6
37	MP3A	X	0	3
38	MP3A	Z	-16.124	3
39	MP3A	Mx	0	3
40	MP3A	X	0	5
41	MP3A	Z	-16.124	5
42	MP3A	Mx	0	5
43	MP3B	X	0	3
44	MP3B	Z	-9.19	3
45	MP3B	Mx	.004	3
46	MP3B	X	0	5
47	MP3B	Z	-9.19	5
48	MP3B	Mx	.004	5
49	MP3C	X	0	3
50	MP3C	Z	-10.698	3
51	MP3C	Mx	-.004	3
52	MP3C	X	0	5
53	MP3C	Z	-10.698	5
54	MP3C	Mx	-.004	5
55	MP1A	X	0	2
56	MP1A	Z	-15.443	2
57	MP1A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	0	6
59	MP1A	Z	-15.443	6
60	MP1A	Mx	0	6
61	MP1B	X	0	2
62	MP1B	Z	-25.439	2
63	MP1B	Mx	.028	2
64	MP1B	X	0	6
65	MP1B	Z	-25.439	6
66	MP1B	Mx	.028	6
67	MP1C	X	0	2
68	MP1C	Z	-25.439	2
69	MP1C	Mx	-.028	2
70	MP1C	X	0	6
71	MP1C	Z	-25.439	6
72	MP1C	Mx	-.028	6
73	MP4A	X	0	2
74	MP4A	Z	-15.443	2
75	MP4A	Mx	0	2
76	MP4A	X	0	6
77	MP4A	Z	-15.443	6
78	MP4A	Mx	0	6
79	MP4B	X	0	2
80	MP4B	Z	-25.439	2
81	MP4B	Mx	.028	2
82	MP4B	X	0	6
83	MP4B	Z	-25.439	6
84	MP4B	Mx	.028	6
85	MP4C	X	0	2
86	MP4C	Z	-25.439	2
87	MP4C	Mx	-.028	2
88	MP4C	X	0	6
89	MP4C	Z	-25.439	6
90	MP4C	Mx	-.028	6
91	M101	X	0	1
92	M101	Z	-22.033	1
93	M101	Mx	0	1
94	MP1A	X	0	2.5
95	MP1A	Z	-13.603	2.5
96	MP1A	Mx	0	2.5
97	MP1B	X	0	2.5
98	MP1B	Z	-10.502	2.5
99	MP1B	Mx	-.005	2.5
100	MP1C	X	0	2.5
101	MP1C	Z	-11.177	2.5
102	MP1C	Mx	.004	2.5
103	MP2A	X	0	2.5
104	MP2A	Z	-13.603	2.5
105	MP2A	Mx	0	2.5
106	MP2B	X	0	2.5
107	MP2B	Z	-9.324	2.5
108	MP2B	Mx	-.004	2.5
109	MP2C	X	0	2.5
110	MP2C	Z	-10.255	2.5
111	MP2C	Mx	.004	2.5
112	MP2B	X	0	5
113	MP2B	Z	-3.995	5
114	MP2B	Mx	-.000865	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	15.339	2
2	MP2A	Z	-26.568	2
3	MP2A	Mx	-.036	2
4	MP2A	X	15.339	6
5	MP2A	Z	-26.568	6
6	MP2A	Mx	-.036	6
7	MP2B	X	12.36	2
8	MP2B	Z	-21.408	2
9	MP2B	Mx	.023	2
10	MP2B	X	12.36	6
11	MP2B	Z	-21.408	6
12	MP2B	Mx	.023	6
13	MP2C	X	15.868	2
14	MP2C	Z	-27.484	2
15	MP2C	Mx	.015	2
16	MP2C	X	15.868	6
17	MP2C	Z	-27.484	6
18	MP2C	Mx	.015	6
19	MP2A	X	15.339	2
20	MP2A	Z	-26.568	2
21	MP2A	Mx	.008	2
22	MP2A	X	15.339	6
23	MP2A	Z	-26.568	6
24	MP2A	Mx	.008	6
25	MP2B	X	12.36	2
26	MP2B	Z	-21.408	2
27	MP2B	Mx	.023	2
28	MP2B	X	12.36	6
29	MP2B	Z	-21.408	6
30	MP2B	Mx	.023	6
31	MP2C	X	15.868	2
32	MP2C	Z	-27.484	2
33	MP2C	Mx	-.035	2
34	MP2C	X	15.868	6
35	MP2C	Z	-27.484	6
36	MP2C	Mx	-.035	6
37	MP3A	X	6.906	3
38	MP3A	Z	-11.962	3
39	MP3A	Mx	-.003	3
40	MP3A	X	6.906	5
41	MP3A	Z	-11.962	5
42	MP3A	Mx	-.003	5
43	MP3B	X	3.439	3
44	MP3B	Z	-5.957	3
45	MP3B	Mx	.003	3
46	MP3B	X	3.439	5
47	MP3B	Z	-5.957	5
48	MP3B	Mx	.003	5
49	MP3C	X	7.521	3
50	MP3C	Z	-13.027	3
51	MP3C	Mx	-.003	3
52	MP3C	X	7.521	5
53	MP3C	Z	-13.027	5
54	MP3C	Mx	-.003	5
55	MP1A	X	9.387	2
56	MP1A	Z	-16.259	2
57	MP1A	Mx	-.012	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	9.387	6
59	MP1A	Z	-16.259	6
60	MP1A	Mx	-.012	6
61	MP1B	X	14.385	2
62	MP1B	Z	-24.916	2
63	MP1B	Mx	.036	2
64	MP1B	X	14.385	6
65	MP1B	Z	-24.916	6
66	MP1B	Mx	.036	6
67	MP1C	X	9.387	2
68	MP1C	Z	-16.259	2
69	MP1C	Mx	-.012	2
70	MP1C	X	9.387	6
71	MP1C	Z	-16.259	6
72	MP1C	Mx	-.012	6
73	MP4A	X	9.387	2
74	MP4A	Z	-16.259	2
75	MP4A	Mx	-.012	2
76	MP4A	X	9.387	6
77	MP4A	Z	-16.259	6
78	MP4A	Mx	-.012	6
79	MP4B	X	14.385	2
80	MP4B	Z	-24.916	2
81	MP4B	Mx	.036	2
82	MP4B	X	14.385	6
83	MP4B	Z	-24.916	6
84	MP4B	Mx	.036	6
85	MP4C	X	9.387	2
86	MP4C	Z	-16.259	2
87	MP4C	Mx	-.012	2
88	MP4C	X	9.387	6
89	MP4C	Z	-16.259	6
90	MP4C	Mx	-.012	6
91	M101	X	11.28	1
92	M101	Z	-19.538	1
93	M101	Mx	0	1
94	MP1A	X	6.285	2.5
95	MP1A	Z	-10.885	2.5
96	MP1A	Mx	.003	2.5
97	MP1B	X	4.734	2.5
98	MP1B	Z	-8.2	2.5
99	MP1B	Mx	-.005	2.5
100	MP1C	X	6.56	2.5
101	MP1C	Z	-11.362	2.5
102	MP1C	Mx	.002	2.5
103	MP2A	X	6.088	2.5
104	MP2A	Z	-10.545	2.5
105	MP2A	Mx	.003	2.5
106	MP2B	X	3.949	2.5
107	MP2B	Z	-6.84	2.5
108	MP2B	Mx	-.004	2.5
109	MP2C	X	6.468	2.5
110	MP2C	Z	-11.202	2.5
111	MP2C	Mx	.002	2.5
112	MP2B	X	1.415	5
113	MP2B	Z	-2.452	5
114	MP2B	Mx	-.000708	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	23.128	2
2	MP2A	Z	-13.353	2
3	MP2A	Mx	-.032	2
4	MP2A	X	23.128	6
5	MP2A	Z	-13.353	6
6	MP2A	Mx	-.032	6
7	MP2B	X	23.128	2
8	MP2B	Z	-13.353	2
9	MP2B	Mx	.01	2
10	MP2B	X	23.128	6
11	MP2B	Z	-13.353	6
12	MP2B	Mx	.01	6
13	MP2C	X	28.081	2
14	MP2C	Z	-16.213	2
15	MP2C	Mx	.032	2
16	MP2C	X	28.081	6
17	MP2C	Z	-16.213	6
18	MP2C	Mx	.032	6
19	MP2A	X	23.128	2
20	MP2A	Z	-13.353	2
21	MP2A	Mx	-.01	2
22	MP2A	X	23.128	6
23	MP2A	Z	-13.353	6
24	MP2A	Mx	-.01	6
25	MP2B	X	23.128	2
26	MP2B	Z	-13.353	2
27	MP2B	Mx	.032	2
28	MP2B	X	23.128	6
29	MP2B	Z	-13.353	6
30	MP2B	Mx	.032	6
31	MP2C	X	28.081	2
32	MP2C	Z	-16.213	2
33	MP2C	Mx	-.021	2
34	MP2C	X	28.081	6
35	MP2C	Z	-16.213	6
36	MP2C	Mx	-.021	6
37	MP3A	X	7.959	3
38	MP3A	Z	-4.595	3
39	MP3A	Mx	-.004	3
40	MP3A	X	7.959	5
41	MP3A	Z	-4.595	5
42	MP3A	Mx	-.004	5
43	MP3B	X	7.959	3
44	MP3B	Z	-4.595	3
45	MP3B	Mx	.004	3
46	MP3B	X	7.959	5
47	MP3B	Z	-4.595	5
48	MP3B	Mx	.004	5
49	MP3C	X	13.722	3
50	MP3C	Z	-7.923	3
51	MP3C	Mx	.001	3
52	MP3C	X	13.722	5
53	MP3C	Z	-7.923	5
54	MP3C	Mx	.001	5
55	MP1A	X	22.03	2
56	MP1A	Z	-12.719	2
57	MP1A	Mx	-.028	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	22.03	6
59	MP1A	Z	-12.719	6
60	MP1A	Mx	-.028	6
61	MP1B	X	22.03	2
62	MP1B	Z	-12.719	2
63	MP1B	Mx	.028	2
64	MP1B	X	22.03	6
65	MP1B	Z	-12.719	6
66	MP1B	Mx	.028	6
67	MP1C	X	13.374	2
68	MP1C	Z	-7.721	2
69	MP1C	Mx	1e-6	2
70	MP1C	X	13.374	6
71	MP1C	Z	-7.721	6
72	MP1C	Mx	1e-6	6
73	MP4A	X	22.03	2
74	MP4A	Z	-12.719	2
75	MP4A	Mx	-.028	2
76	MP4A	X	22.03	6
77	MP4A	Z	-12.719	6
78	MP4A	Mx	-.028	6
79	MP4B	X	22.03	2
80	MP4B	Z	-12.719	2
81	MP4B	Mx	.028	2
82	MP4B	X	22.03	6
83	MP4B	Z	-12.719	6
84	MP4B	Mx	.028	6
85	MP4C	X	13.374	2
86	MP4C	Z	-7.721	2
87	MP4C	Mx	1e-6	2
88	MP4C	X	13.374	6
89	MP4C	Z	-7.721	6
90	MP4C	Mx	1e-6	6
91	M101	X	22.012	1
92	M101	Z	-12.709	1
93	M101	Mx	0	1
94	MP1A	X	9.095	2.5
95	MP1A	Z	-5.251	2.5
96	MP1A	Mx	.005	2.5
97	MP1B	X	9.095	2.5
98	MP1B	Z	-5.251	2.5
99	MP1B	Mx	-.005	2.5
100	MP1C	X	11.672	2.5
101	MP1C	Z	-6.739	2.5
102	MP1C	Mx	-.001	2.5
103	MP2A	X	8.075	2.5
104	MP2A	Z	-4.662	2.5
105	MP2A	Mx	.004	2.5
106	MP2B	X	8.075	2.5
107	MP2B	Z	-4.662	2.5
108	MP2B	Mx	-.004	2.5
109	MP2C	X	11.631	2.5
110	MP2C	Z	-6.715	2.5
111	MP2C	Mx	-.001	2.5
112	MP2B	X	3.459	5
113	MP2B	Z	-1.997	5
114	MP2B	Mx	-.000865	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	24.719	2
2	MP2A	Z	0	2
3	MP2A	Mx	-.023	2
4	MP2A	X	24.719	6
5	MP2A	Z	0	6
6	MP2A	Mx	-.023	6
7	MP2B	X	30.679	2
8	MP2B	Z	0	2
9	MP2B	Mx	-.008	2
10	MP2B	X	30.679	6
11	MP2B	Z	0	6
12	MP2B	Mx	-.008	6
13	MP2C	X	29.382	2
14	MP2C	Z	0	2
15	MP2C	Mx	.036	2
16	MP2C	X	29.382	6
17	MP2C	Z	0	6
18	MP2C	Mx	.036	6
19	MP2A	X	24.719	2
20	MP2A	Z	0	2
21	MP2A	Mx	-.023	2
22	MP2A	X	24.719	6
23	MP2A	Z	0	6
24	MP2A	Mx	-.023	6
25	MP2B	X	30.679	2
26	MP2B	Z	0	2
27	MP2B	Mx	.036	2
28	MP2B	X	30.679	6
29	MP2B	Z	0	6
30	MP2B	Mx	.036	6
31	MP2C	X	29.382	2
32	MP2C	Z	0	2
33	MP2C	Mx	-.001	2
34	MP2C	X	29.382	6
35	MP2C	Z	0	6
36	MP2C	Mx	-.001	6
37	MP3A	X	6.879	3
38	MP3A	Z	0	3
39	MP3A	Mx	-.003	3
40	MP3A	X	6.879	5
41	MP3A	Z	0	5
42	MP3A	Mx	-.003	5
43	MP3B	X	13.812	3
44	MP3B	Z	0	3
45	MP3B	Mx	.003	3
46	MP3B	X	13.812	5
47	MP3B	Z	0	5
48	MP3B	Mx	.003	5
49	MP3C	X	12.304	3
50	MP3C	Z	0	3
51	MP3C	Mx	.004	3
52	MP3C	X	12.304	5
53	MP3C	Z	0	5
54	MP3C	Mx	.004	5
55	MP1A	X	28.77	2
56	MP1A	Z	0	2
57	MP1A	Mx	-.036	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	28.77	6
59	MP1A	Z	0	6
60	MP1A	Mx	-.036	6
61	MP1B	X	18.775	2
62	MP1B	Z	0	2
63	MP1B	Mx	.012	2
64	MP1B	X	18.775	6
65	MP1B	Z	0	6
66	MP1B	Mx	.012	6
67	MP1C	X	18.775	2
68	MP1C	Z	0	2
69	MP1C	Mx	.012	2
70	MP1C	X	18.775	6
71	MP1C	Z	0	6
72	MP1C	Mx	.012	6
73	MP4A	X	28.77	2
74	MP4A	Z	0	2
75	MP4A	Mx	-.036	2
76	MP4A	X	28.77	6
77	MP4A	Z	0	6
78	MP4A	Mx	-.036	6
79	MP4B	X	18.775	2
80	MP4B	Z	0	2
81	MP4B	Mx	.012	2
82	MP4B	X	18.775	6
83	MP4B	Z	0	6
84	MP4B	Mx	.012	6
85	MP4C	X	18.775	2
86	MP4C	Z	0	2
87	MP4C	Mx	.012	2
88	MP4C	X	18.775	6
89	MP4C	Z	0	6
90	MP4C	Mx	.012	6
91	M101	X	27.747	1
92	M101	Z	0	1
93	M101	Mx	0	1
94	MP1A	X	9.469	2.5
95	MP1A	Z	0	2.5
96	MP1A	Mx	.005	2.5
97	MP1B	X	12.569	2.5
98	MP1B	Z	0	2.5
99	MP1B	Mx	-.003	2.5
100	MP1C	X	11.895	2.5
101	MP1C	Z	0	2.5
102	MP1C	Mx	-.004	2.5
103	MP2A	X	7.898	2.5
104	MP2A	Z	0	2.5
105	MP2A	Mx	.004	2.5
106	MP2B	X	12.177	2.5
107	MP2B	Z	0	2.5
108	MP2B	Mx	-.003	2.5
109	MP2C	X	11.246	2.5
110	MP2C	Z	0	2.5
111	MP2C	Mx	-.004	2.5
112	MP2B	X	6.322	5
113	MP2B	Z	0	5
114	MP2B	Mx	-.00079	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	23.128	2
2	MP2A	Z	13.353	2
3	MP2A	Mx	-.01	2
4	MP2A	X	23.128	6
5	MP2A	Z	13.353	6
6	MP2A	Mx	-.01	6
7	MP2B	X	28.289	2
8	MP2B	Z	16.333	2
9	MP2B	Mx	-.027	2
10	MP2B	X	28.289	6
11	MP2B	Z	16.333	6
12	MP2B	Mx	-.027	6
13	MP2C	X	22.213	2
14	MP2C	Z	12.824	2
15	MP2C	Mx	.029	2
16	MP2C	X	22.213	6
17	MP2C	Z	12.824	6
18	MP2C	Mx	.029	6
19	MP2A	X	23.128	2
20	MP2A	Z	13.353	2
21	MP2A	Mx	-.032	2
22	MP2A	X	23.128	6
23	MP2A	Z	13.353	6
24	MP2A	Mx	-.032	6
25	MP2B	X	28.289	2
26	MP2B	Z	16.333	2
27	MP2B	Mx	.027	2
28	MP2B	X	28.289	6
29	MP2B	Z	16.333	6
30	MP2B	Mx	.027	6
31	MP2C	X	22.213	2
32	MP2C	Z	12.824	2
33	MP2C	Mx	.015	2
34	MP2C	X	22.213	6
35	MP2C	Z	12.824	6
36	MP2C	Mx	.015	6
37	MP3A	X	7.959	3
38	MP3A	Z	4.595	3
39	MP3A	Mx	-.004	3
40	MP3A	X	7.959	5
41	MP3A	Z	4.595	5
42	MP3A	Mx	-.004	5
43	MP3B	X	13.964	3
44	MP3B	Z	8.062	3
45	MP3B	Mx	0	3
46	MP3B	X	13.964	5
47	MP3B	Z	8.062	5
48	MP3B	Mx	0	5
49	MP3C	X	6.894	3
50	MP3C	Z	3.98	3
51	MP3C	Mx	.004	3
52	MP3C	X	6.894	5
53	MP3C	Z	3.98	5
54	MP3C	Mx	.004	5
55	MP1A	X	22.03	2
56	MP1A	Z	12.719	2
57	MP1A	Mx	-.028	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	22.03	6
59	MP1A	Z	12.719	6
60	MP1A	Mx	-.028	6
61	MP1B	X	13.374	2
62	MP1B	Z	7.721	2
63	MP1B	Mx	1e-6	2
64	MP1B	X	13.374	6
65	MP1B	Z	7.721	6
66	MP1B	Mx	1e-6	6
67	MP1C	X	22.03	2
68	MP1C	Z	12.719	2
69	MP1C	Mx	.028	2
70	MP1C	X	22.03	6
71	MP1C	Z	12.719	6
72	MP1C	Mx	.028	6
73	MP4A	X	22.03	2
74	MP4A	Z	12.719	2
75	MP4A	Mx	-.028	2
76	MP4A	X	22.03	6
77	MP4A	Z	12.719	6
78	MP4A	Mx	-.028	6
79	MP4B	X	13.374	2
80	MP4B	Z	7.721	2
81	MP4B	Mx	1e-6	2
82	MP4B	X	13.374	6
83	MP4B	Z	7.721	6
84	MP4B	Mx	1e-6	6
85	MP4C	X	22.03	2
86	MP4C	Z	12.719	2
87	MP4C	Mx	.028	2
88	MP4C	X	22.03	6
89	MP4C	Z	12.719	6
90	MP4C	Mx	.028	6
91	M101	X	23.572	1
92	M101	Z	13.609	1
93	M101	Mx	0	1
94	MP1A	X	9.095	2.5
95	MP1A	Z	5.251	2.5
96	MP1A	Mx	.005	2.5
97	MP1B	X	11.78	2.5
98	MP1B	Z	6.801	2.5
99	MP1B	Mx	0	2.5
100	MP1C	X	8.619	2.5
101	MP1C	Z	4.976	2.5
102	MP1C	Mx	-.005	2.5
103	MP2A	X	8.075	2.5
104	MP2A	Z	4.662	2.5
105	MP2A	Mx	.004	2.5
106	MP2B	X	11.78	2.5
107	MP2B	Z	6.801	2.5
108	MP2B	Mx	0	2.5
109	MP2C	X	7.418	2.5
110	MP2C	Z	4.283	2.5
111	MP2C	Mx	-.004	2.5
112	MP2B	X	6.483	5
113	MP2B	Z	3.743	5
114	MP2B	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	15.339	2
2	MP2A	Z	26.568	2
3	MP2A	Mx	.008	2
4	MP2A	X	15.339	6
5	MP2A	Z	26.568	6
6	MP2A	Mx	.008	6
7	MP2B	X	15.339	2
8	MP2B	Z	26.568	2
9	MP2B	Mx	-.036	2
10	MP2B	X	15.339	6
11	MP2B	Z	26.568	6
12	MP2B	Mx	-.036	6
13	MP2C	X	12.479	2
14	MP2C	Z	21.615	2
15	MP2C	Mx	.019	2
16	MP2C	X	12.479	6
17	MP2C	Z	21.615	6
18	MP2C	Mx	.019	6
19	MP2A	X	15.339	2
20	MP2A	Z	26.568	2
21	MP2A	Mx	-.036	2
22	MP2A	X	15.339	6
23	MP2A	Z	26.568	6
24	MP2A	Mx	-.036	6
25	MP2B	X	15.339	2
26	MP2B	Z	26.568	2
27	MP2B	Mx	.008	2
28	MP2B	X	15.339	6
29	MP2B	Z	26.568	6
30	MP2B	Mx	.008	6
31	MP2C	X	12.479	2
32	MP2C	Z	21.615	2
33	MP2C	Mx	.026	2
34	MP2C	X	12.479	6
35	MP2C	Z	21.615	6
36	MP2C	Mx	.026	6
37	MP3A	X	6.906	3
38	MP3A	Z	11.962	3
39	MP3A	Mx	-.003	3
40	MP3A	X	6.906	5
41	MP3A	Z	11.962	5
42	MP3A	Mx	-.003	5
43	MP3B	X	6.906	3
44	MP3B	Z	11.962	3
45	MP3B	Mx	-.003	3
46	MP3B	X	6.906	5
47	MP3B	Z	11.962	5
48	MP3B	Mx	-.003	5
49	MP3C	X	3.579	3
50	MP3C	Z	6.198	3
51	MP3C	Mx	.004	3
52	MP3C	X	3.579	5
53	MP3C	Z	6.198	5
54	MP3C	Mx	.004	5
55	MP1A	X	9.387	2
56	MP1A	Z	16.259	2
57	MP1A	Mx	-.012	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	9.387	6
59	MP1A	Z	16.259	6
60	MP1A	Mx	-.012	6
61	MP1B	X	9.387	2
62	MP1B	Z	16.259	2
63	MP1B	Mx	-.012	2
64	MP1B	X	9.387	6
65	MP1B	Z	16.259	6
66	MP1B	Mx	-.012	6
67	MP1C	X	14.385	2
68	MP1C	Z	24.916	2
69	MP1C	Mx	.036	2
70	MP1C	X	14.385	6
71	MP1C	Z	24.916	6
72	MP1C	Mx	.036	6
73	MP4A	X	9.387	2
74	MP4A	Z	16.259	2
75	MP4A	Mx	-.012	2
76	MP4A	X	9.387	6
77	MP4A	Z	16.259	6
78	MP4A	Mx	-.012	6
79	MP4B	X	9.387	2
80	MP4B	Z	16.259	2
81	MP4B	Mx	-.012	2
82	MP4B	X	9.387	6
83	MP4B	Z	16.259	6
84	MP4B	Mx	-.012	6
85	MP4C	X	14.385	2
86	MP4C	Z	24.916	2
87	MP4C	Mx	.036	2
88	MP4C	X	14.385	6
89	MP4C	Z	24.916	6
90	MP4C	Mx	.036	6
91	M101	X	12.181	1
92	M101	Z	21.098	1
93	M101	Mx	0	1
94	MP1A	X	6.285	2.5
95	MP1A	Z	10.885	2.5
96	MP1A	Mx	.003	2.5
97	MP1B	X	6.285	2.5
98	MP1B	Z	10.885	2.5
99	MP1B	Mx	.003	2.5
100	MP1C	X	4.797	2.5
101	MP1C	Z	8.308	2.5
102	MP1C	Mx	-.005	2.5
103	MP2A	X	6.088	2.5
104	MP2A	Z	10.545	2.5
105	MP2A	Mx	.003	2.5
106	MP2B	X	6.088	2.5
107	MP2B	Z	10.545	2.5
108	MP2B	Mx	.003	2.5
109	MP2C	X	4.035	2.5
110	MP2C	Z	6.989	2.5
111	MP2C	Mx	-.004	2.5
112	MP2B	X	3.161	5
113	MP2B	Z	5.475	5
114	MP2B	Mx	.00079	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2
2	MP2A	Z	32.665	2
3	MP2A	Mx	.027	2
4	MP2A	X	0	6
5	MP2A	Z	32.665	6
6	MP2A	Mx	.027	6
7	MP2B	X	0	2
8	MP2B	Z	26.706	2
9	MP2B	Mx	-.032	2
10	MP2B	X	0	6
11	MP2B	Z	26.706	6
12	MP2B	Mx	-.032	6
13	MP2C	X	0	2
14	MP2C	Z	28.002	2
15	MP2C	Mx	.005	2
16	MP2C	X	0	6
17	MP2C	Z	28.002	6
18	MP2C	Mx	.005	6
19	MP2A	X	0	2
20	MP2A	Z	32.665	2
21	MP2A	Mx	-.027	2
22	MP2A	X	0	6
23	MP2A	Z	32.665	6
24	MP2A	Mx	-.027	6
25	MP2B	X	0	2
26	MP2B	Z	26.706	2
27	MP2B	Mx	-.01	2
28	MP2B	X	0	6
29	MP2B	Z	26.706	6
30	MP2B	Mx	-.01	6
31	MP2C	X	0	2
32	MP2C	Z	28.002	2
33	MP2C	Mx	.035	2
34	MP2C	X	0	6
35	MP2C	Z	28.002	6
36	MP2C	Mx	.035	6
37	MP3A	X	0	3
38	MP3A	Z	16.124	3
39	MP3A	Mx	0	3
40	MP3A	X	0	5
41	MP3A	Z	16.124	5
42	MP3A	Mx	0	5
43	MP3B	X	0	3
44	MP3B	Z	9.19	3
45	MP3B	Mx	-.004	3
46	MP3B	X	0	5
47	MP3B	Z	9.19	5
48	MP3B	Mx	-.004	5
49	MP3C	X	0	3
50	MP3C	Z	10.698	3
51	MP3C	Mx	.004	3
52	MP3C	X	0	5
53	MP3C	Z	10.698	5
54	MP3C	Mx	.004	5
55	MP1A	X	0	2
56	MP1A	Z	15.443	2
57	MP1A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	0	6
59	MP1A	Z	15.443	6
60	MP1A	Mx	0	6
61	MP1B	X	0	2
62	MP1B	Z	25.439	2
63	MP1B	Mx	-.028	2
64	MP1B	X	0	6
65	MP1B	Z	25.439	6
66	MP1B	Mx	-.028	6
67	MP1C	X	0	2
68	MP1C	Z	25.439	2
69	MP1C	Mx	.028	2
70	MP1C	X	0	6
71	MP1C	Z	25.439	6
72	MP1C	Mx	.028	6
73	MP4A	X	0	2
74	MP4A	Z	15.443	2
75	MP4A	Mx	0	2
76	MP4A	X	0	6
77	MP4A	Z	15.443	6
78	MP4A	Mx	0	6
79	MP4B	X	0	2
80	MP4B	Z	25.439	2
81	MP4B	Mx	-.028	2
82	MP4B	X	0	6
83	MP4B	Z	25.439	6
84	MP4B	Mx	-.028	6
85	MP4C	X	0	2
86	MP4C	Z	25.439	2
87	MP4C	Mx	.028	2
88	MP4C	X	0	6
89	MP4C	Z	25.439	6
90	MP4C	Mx	.028	6
91	M101	X	0	1
92	M101	Z	22.033	1
93	M101	Mx	0	1
94	MP1A	X	0	2.5
95	MP1A	Z	13.603	2.5
96	MP1A	Mx	0	2.5
97	MP1B	X	0	2.5
98	MP1B	Z	10.502	2.5
99	MP1B	Mx	.005	2.5
100	MP1C	X	0	2.5
101	MP1C	Z	11.177	2.5
102	MP1C	Mx	-.004	2.5
103	MP2A	X	0	2.5
104	MP2A	Z	13.603	2.5
105	MP2A	Mx	0	2.5
106	MP2B	X	0	2.5
107	MP2B	Z	9.324	2.5
108	MP2B	Mx	.004	2.5
109	MP2C	X	0	2.5
110	MP2C	Z	10.255	2.5
111	MP2C	Mx	-.004	2.5
112	MP2B	X	0	5
113	MP2B	Z	3.995	5
114	MP2B	Mx	.000865	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-15.339	2
2	MP2A	Z	26.568	2
3	MP2A	Mx	.036	2
4	MP2A	X	-15.339	6
5	MP2A	Z	26.568	6
6	MP2A	Mx	.036	6
7	MP2B	X	-12.36	2
8	MP2B	Z	21.408	2
9	MP2B	Mx	-.023	2
10	MP2B	X	-12.36	6
11	MP2B	Z	21.408	6
12	MP2B	Mx	-.023	6
13	MP2C	X	-15.868	2
14	MP2C	Z	27.484	2
15	MP2C	Mx	-.015	2
16	MP2C	X	-15.868	6
17	MP2C	Z	27.484	6
18	MP2C	Mx	-.015	6
19	MP2A	X	-15.339	2
20	MP2A	Z	26.568	2
21	MP2A	Mx	-.008	2
22	MP2A	X	-15.339	6
23	MP2A	Z	26.568	6
24	MP2A	Mx	-.008	6
25	MP2B	X	-12.36	2
26	MP2B	Z	21.408	2
27	MP2B	Mx	-.023	2
28	MP2B	X	-12.36	6
29	MP2B	Z	21.408	6
30	MP2B	Mx	-.023	6
31	MP2C	X	-15.868	2
32	MP2C	Z	27.484	2
33	MP2C	Mx	.035	2
34	MP2C	X	-15.868	6
35	MP2C	Z	27.484	6
36	MP2C	Mx	.035	6
37	MP3A	X	-6.906	3
38	MP3A	Z	11.962	3
39	MP3A	Mx	.003	3
40	MP3A	X	-6.906	5
41	MP3A	Z	11.962	5
42	MP3A	Mx	.003	5
43	MP3B	X	-3.439	3
44	MP3B	Z	5.957	3
45	MP3B	Mx	-.003	3
46	MP3B	X	-3.439	5
47	MP3B	Z	5.957	5
48	MP3B	Mx	-.003	5
49	MP3C	X	-7.521	3
50	MP3C	Z	13.027	3
51	MP3C	Mx	.003	3
52	MP3C	X	-7.521	5
53	MP3C	Z	13.027	5
54	MP3C	Mx	.003	5
55	MP1A	X	-9.387	2
56	MP1A	Z	16.259	2
57	MP1A	Mx	.012	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-9.387	6
59	MP1A	Z	16.259	6
60	MP1A	Mx	.012	6
61	MP1B	X	-14.385	2
62	MP1B	Z	24.916	2
63	MP1B	Mx	-.036	2
64	MP1B	X	-14.385	6
65	MP1B	Z	24.916	6
66	MP1B	Mx	-.036	6
67	MP1C	X	-9.387	2
68	MP1C	Z	16.259	2
69	MP1C	Mx	.012	2
70	MP1C	X	-9.387	6
71	MP1C	Z	16.259	6
72	MP1C	Mx	.012	6
73	MP4A	X	-9.387	2
74	MP4A	Z	16.259	2
75	MP4A	Mx	.012	2
76	MP4A	X	-9.387	6
77	MP4A	Z	16.259	6
78	MP4A	Mx	.012	6
79	MP4B	X	-14.385	2
80	MP4B	Z	24.916	2
81	MP4B	Mx	-.036	2
82	MP4B	X	-14.385	6
83	MP4B	Z	24.916	6
84	MP4B	Mx	-.036	6
85	MP4C	X	-9.387	2
86	MP4C	Z	16.259	2
87	MP4C	Mx	.012	2
88	MP4C	X	-9.387	6
89	MP4C	Z	16.259	6
90	MP4C	Mx	.012	6
91	M101	X	-11.28	1
92	M101	Z	19.538	1
93	M101	Mx	0	1
94	MP1A	X	-6.285	2.5
95	MP1A	Z	10.885	2.5
96	MP1A	Mx	-.003	2.5
97	MP1B	X	-4.734	2.5
98	MP1B	Z	8.2	2.5
99	MP1B	Mx	.005	2.5
100	MP1C	X	-6.56	2.5
101	MP1C	Z	11.362	2.5
102	MP1C	Mx	-.002	2.5
103	MP2A	X	-6.088	2.5
104	MP2A	Z	10.545	2.5
105	MP2A	Mx	-.003	2.5
106	MP2B	X	-3.949	2.5
107	MP2B	Z	6.84	2.5
108	MP2B	Mx	.004	2.5
109	MP2C	X	-6.468	2.5
110	MP2C	Z	11.202	2.5
111	MP2C	Mx	-.002	2.5
112	MP2B	X	-1.415	5
113	MP2B	Z	2.452	5
114	MP2B	Mx	.000708	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-23.128	2
2	MP2A	Z	13.353	2
3	MP2A	Mx	.032	2
4	MP2A	X	-23.128	6
5	MP2A	Z	13.353	6
6	MP2A	Mx	.032	6
7	MP2B	X	-23.128	2
8	MP2B	Z	13.353	2
9	MP2B	Mx	-.01	2
10	MP2B	X	-23.128	6
11	MP2B	Z	13.353	6
12	MP2B	Mx	-.01	6
13	MP2C	X	-28.081	2
14	MP2C	Z	16.213	2
15	MP2C	Mx	-.032	2
16	MP2C	X	-28.081	6
17	MP2C	Z	16.213	6
18	MP2C	Mx	-.032	6
19	MP2A	X	-23.128	2
20	MP2A	Z	13.353	2
21	MP2A	Mx	.01	2
22	MP2A	X	-23.128	6
23	MP2A	Z	13.353	6
24	MP2A	Mx	.01	6
25	MP2B	X	-23.128	2
26	MP2B	Z	13.353	2
27	MP2B	Mx	-.032	2
28	MP2B	X	-23.128	6
29	MP2B	Z	13.353	6
30	MP2B	Mx	-.032	6
31	MP2C	X	-28.081	2
32	MP2C	Z	16.213	2
33	MP2C	Mx	.021	2
34	MP2C	X	-28.081	6
35	MP2C	Z	16.213	6
36	MP2C	Mx	.021	6
37	MP3A	X	-7.959	3
38	MP3A	Z	4.595	3
39	MP3A	Mx	.004	3
40	MP3A	X	-7.959	5
41	MP3A	Z	4.595	5
42	MP3A	Mx	.004	5
43	MP3B	X	-7.959	3
44	MP3B	Z	4.595	3
45	MP3B	Mx	-.004	3
46	MP3B	X	-7.959	5
47	MP3B	Z	4.595	5
48	MP3B	Mx	-.004	5
49	MP3C	X	-13.722	3
50	MP3C	Z	7.923	3
51	MP3C	Mx	-.001	3
52	MP3C	X	-13.722	5
53	MP3C	Z	7.923	5
54	MP3C	Mx	-.001	5
55	MP1A	X	-22.03	2
56	MP1A	Z	12.719	2
57	MP1A	Mx	.028	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-22.03	6
59	MP1A	Z	12.719	6
60	MP1A	Mx	.028	6
61	MP1B	X	-22.03	2
62	MP1B	Z	12.719	2
63	MP1B	Mx	-.028	2
64	MP1B	X	-22.03	6
65	MP1B	Z	12.719	6
66	MP1B	Mx	-.028	6
67	MP1C	X	-13.374	2
68	MP1C	Z	7.721	2
69	MP1C	Mx	-1e-6	2
70	MP1C	X	-13.374	6
71	MP1C	Z	7.721	6
72	MP1C	Mx	-1e-6	6
73	MP4A	X	-22.03	2
74	MP4A	Z	12.719	2
75	MP4A	Mx	.028	2
76	MP4A	X	-22.03	6
77	MP4A	Z	12.719	6
78	MP4A	Mx	.028	6
79	MP4B	X	-22.03	2
80	MP4B	Z	12.719	2
81	MP4B	Mx	-.028	2
82	MP4B	X	-22.03	6
83	MP4B	Z	12.719	6
84	MP4B	Mx	-.028	6
85	MP4C	X	-13.374	2
86	MP4C	Z	7.721	2
87	MP4C	Mx	-1e-6	2
88	MP4C	X	-13.374	6
89	MP4C	Z	7.721	6
90	MP4C	Mx	-1e-6	6
91	M101	X	-22.012	1
92	M101	Z	12.709	1
93	M101	Mx	0	1
94	MP1A	X	-9.095	2.5
95	MP1A	Z	5.251	2.5
96	MP1A	Mx	-.005	2.5
97	MP1B	X	-9.095	2.5
98	MP1B	Z	5.251	2.5
99	MP1B	Mx	.005	2.5
100	MP1C	X	-11.672	2.5
101	MP1C	Z	6.739	2.5
102	MP1C	Mx	.001	2.5
103	MP2A	X	-8.075	2.5
104	MP2A	Z	4.662	2.5
105	MP2A	Mx	-.004	2.5
106	MP2B	X	-8.075	2.5
107	MP2B	Z	4.662	2.5
108	MP2B	Mx	.004	2.5
109	MP2C	X	-11.631	2.5
110	MP2C	Z	6.715	2.5
111	MP2C	Mx	.001	2.5
112	MP2B	X	-3.459	5
113	MP2B	Z	1.997	5
114	MP2B	Mx	.000865	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-24.719	2
2	MP2A	Z	0	2
3	MP2A	Mx	.023	2
4	MP2A	X	-24.719	6
5	MP2A	Z	0	6
6	MP2A	Mx	.023	6
7	MP2B	X	-30.679	2
8	MP2B	Z	0	2
9	MP2B	Mx	.008	2
10	MP2B	X	-30.679	6
11	MP2B	Z	0	6
12	MP2B	Mx	.008	6
13	MP2C	X	-29.382	2
14	MP2C	Z	0	2
15	MP2C	Mx	-.036	2
16	MP2C	X	-29.382	6
17	MP2C	Z	0	6
18	MP2C	Mx	-.036	6
19	MP2A	X	-24.719	2
20	MP2A	Z	0	2
21	MP2A	Mx	.023	2
22	MP2A	X	-24.719	6
23	MP2A	Z	0	6
24	MP2A	Mx	.023	6
25	MP2B	X	-30.679	2
26	MP2B	Z	0	2
27	MP2B	Mx	-.036	2
28	MP2B	X	-30.679	6
29	MP2B	Z	0	6
30	MP2B	Mx	-.036	6
31	MP2C	X	-29.382	2
32	MP2C	Z	0	2
33	MP2C	Mx	.001	2
34	MP2C	X	-29.382	6
35	MP2C	Z	0	6
36	MP2C	Mx	.001	6
37	MP3A	X	-6.879	3
38	MP3A	Z	0	3
39	MP3A	Mx	.003	3
40	MP3A	X	-6.879	5
41	MP3A	Z	0	5
42	MP3A	Mx	.003	5
43	MP3B	X	-13.812	3
44	MP3B	Z	0	3
45	MP3B	Mx	-.003	3
46	MP3B	X	-13.812	5
47	MP3B	Z	0	5
48	MP3B	Mx	-.003	5
49	MP3C	X	-12.304	3
50	MP3C	Z	0	3
51	MP3C	Mx	-.004	3
52	MP3C	X	-12.304	5
53	MP3C	Z	0	5
54	MP3C	Mx	-.004	5
55	MP1A	X	-28.77	2
56	MP1A	Z	0	2
57	MP1A	Mx	.036	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-28.77	6
59	MP1A	Z	0	6
60	MP1A	Mx	.036	6
61	MP1B	X	-18.775	2
62	MP1B	Z	0	2
63	MP1B	Mx	-.012	2
64	MP1B	X	-18.775	6
65	MP1B	Z	0	6
66	MP1B	Mx	-.012	6
67	MP1C	X	-18.775	2
68	MP1C	Z	0	2
69	MP1C	Mx	-.012	2
70	MP1C	X	-18.775	6
71	MP1C	Z	0	6
72	MP1C	Mx	-.012	6
73	MP4A	X	-28.77	2
74	MP4A	Z	0	2
75	MP4A	Mx	.036	2
76	MP4A	X	-28.77	6
77	MP4A	Z	0	6
78	MP4A	Mx	.036	6
79	MP4B	X	-18.775	2
80	MP4B	Z	0	2
81	MP4B	Mx	-.012	2
82	MP4B	X	-18.775	6
83	MP4B	Z	0	6
84	MP4B	Mx	-.012	6
85	MP4C	X	-18.775	2
86	MP4C	Z	0	2
87	MP4C	Mx	-.012	2
88	MP4C	X	-18.775	6
89	MP4C	Z	0	6
90	MP4C	Mx	-.012	6
91	M101	X	-27.747	1
92	M101	Z	0	1
93	M101	Mx	0	1
94	MP1A	X	-9.469	2.5
95	MP1A	Z	0	2.5
96	MP1A	Mx	-.005	2.5
97	MP1B	X	-12.569	2.5
98	MP1B	Z	0	2.5
99	MP1B	Mx	.003	2.5
100	MP1C	X	-11.895	2.5
101	MP1C	Z	0	2.5
102	MP1C	Mx	.004	2.5
103	MP2A	X	-7.898	2.5
104	MP2A	Z	0	2.5
105	MP2A	Mx	-.004	2.5
106	MP2B	X	-12.177	2.5
107	MP2B	Z	0	2.5
108	MP2B	Mx	.003	2.5
109	MP2C	X	-11.246	2.5
110	MP2C	Z	0	2.5
111	MP2C	Mx	.004	2.5
112	MP2B	X	-6.322	5
113	MP2B	Z	0	5
114	MP2B	Mx	.00079	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-23.128	2
2	MP2A	Z	-13.353	2
3	MP2A	Mx	.01	2
4	MP2A	X	-23.128	6
5	MP2A	Z	-13.353	6
6	MP2A	Mx	.01	6
7	MP2B	X	-28.289	2
8	MP2B	Z	-16.333	2
9	MP2B	Mx	.027	2
10	MP2B	X	-28.289	6
11	MP2B	Z	-16.333	6
12	MP2B	Mx	.027	6
13	MP2C	X	-22.213	2
14	MP2C	Z	-12.824	2
15	MP2C	Mx	-.029	2
16	MP2C	X	-22.213	6
17	MP2C	Z	-12.824	6
18	MP2C	Mx	-.029	6
19	MP2A	X	-23.128	2
20	MP2A	Z	-13.353	2
21	MP2A	Mx	.032	2
22	MP2A	X	-23.128	6
23	MP2A	Z	-13.353	6
24	MP2A	Mx	.032	6
25	MP2B	X	-28.289	2
26	MP2B	Z	-16.333	2
27	MP2B	Mx	-.027	2
28	MP2B	X	-28.289	6
29	MP2B	Z	-16.333	6
30	MP2B	Mx	-.027	6
31	MP2C	X	-22.213	2
32	MP2C	Z	-12.824	2
33	MP2C	Mx	-.015	2
34	MP2C	X	-22.213	6
35	MP2C	Z	-12.824	6
36	MP2C	Mx	-.015	6
37	MP3A	X	-7.959	3
38	MP3A	Z	-4.595	3
39	MP3A	Mx	.004	3
40	MP3A	X	-7.959	5
41	MP3A	Z	-4.595	5
42	MP3A	Mx	.004	5
43	MP3B	X	-13.964	3
44	MP3B	Z	-8.062	3
45	MP3B	Mx	0	3
46	MP3B	X	-13.964	5
47	MP3B	Z	-8.062	5
48	MP3B	Mx	0	5
49	MP3C	X	-6.894	3
50	MP3C	Z	-3.98	3
51	MP3C	Mx	-.004	3
52	MP3C	X	-6.894	5
53	MP3C	Z	-3.98	5
54	MP3C	Mx	-.004	5
55	MP1A	X	-22.03	2
56	MP1A	Z	-12.719	2
57	MP1A	Mx	.028	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-22.03	6
59	MP1A	Z	-12.719	6
60	MP1A	Mx	.028	6
61	MP1B	X	-13.374	2
62	MP1B	Z	-7.721	2
63	MP1B	Mx	-1e-6	2
64	MP1B	X	-13.374	6
65	MP1B	Z	-7.721	6
66	MP1B	Mx	-1e-6	6
67	MP1C	X	-22.03	2
68	MP1C	Z	-12.719	2
69	MP1C	Mx	-.028	2
70	MP1C	X	-22.03	6
71	MP1C	Z	-12.719	6
72	MP1C	Mx	-.028	6
73	MP4A	X	-22.03	2
74	MP4A	Z	-12.719	2
75	MP4A	Mx	.028	2
76	MP4A	X	-22.03	6
77	MP4A	Z	-12.719	6
78	MP4A	Mx	.028	6
79	MP4B	X	-13.374	2
80	MP4B	Z	-7.721	2
81	MP4B	Mx	-1e-6	2
82	MP4B	X	-13.374	6
83	MP4B	Z	-7.721	6
84	MP4B	Mx	-1e-6	6
85	MP4C	X	-22.03	2
86	MP4C	Z	-12.719	2
87	MP4C	Mx	-.028	2
88	MP4C	X	-22.03	6
89	MP4C	Z	-12.719	6
90	MP4C	Mx	-.028	6
91	M101	X	-23.572	1
92	M101	Z	-13.609	1
93	M101	Mx	0	1
94	MP1A	X	-9.095	2.5
95	MP1A	Z	-5.251	2.5
96	MP1A	Mx	-.005	2.5
97	MP1B	X	-11.78	2.5
98	MP1B	Z	-6.801	2.5
99	MP1B	Mx	0	2.5
100	MP1C	X	-8.619	2.5
101	MP1C	Z	-4.976	2.5
102	MP1C	Mx	.005	2.5
103	MP2A	X	-8.075	2.5
104	MP2A	Z	-4.662	2.5
105	MP2A	Mx	-.004	2.5
106	MP2B	X	-11.78	2.5
107	MP2B	Z	-6.801	2.5
108	MP2B	Mx	0	2.5
109	MP2C	X	-7.418	2.5
110	MP2C	Z	-4.283	2.5
111	MP2C	Mx	.004	2.5
112	MP2B	X	-6.483	5
113	MP2B	Z	-3.743	5
114	MP2B	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-15.339	2
2	MP2A	Z	-26.568	2
3	MP2A	Mx	-.008	2
4	MP2A	X	-15.339	6
5	MP2A	Z	-26.568	6
6	MP2A	Mx	-.008	6
7	MP2B	X	-15.339	2
8	MP2B	Z	-26.568	2
9	MP2B	Mx	.036	2
10	MP2B	X	-15.339	6
11	MP2B	Z	-26.568	6
12	MP2B	Mx	.036	6
13	MP2C	X	-12.479	2
14	MP2C	Z	-21.615	2
15	MP2C	Mx	-.019	2
16	MP2C	X	-12.479	6
17	MP2C	Z	-21.615	6
18	MP2C	Mx	-.019	6
19	MP2A	X	-15.339	2
20	MP2A	Z	-26.568	2
21	MP2A	Mx	.036	2
22	MP2A	X	-15.339	6
23	MP2A	Z	-26.568	6
24	MP2A	Mx	.036	6
25	MP2B	X	-15.339	2
26	MP2B	Z	-26.568	2
27	MP2B	Mx	-.008	2
28	MP2B	X	-15.339	6
29	MP2B	Z	-26.568	6
30	MP2B	Mx	-.008	6
31	MP2C	X	-12.479	2
32	MP2C	Z	-21.615	2
33	MP2C	Mx	-.026	2
34	MP2C	X	-12.479	6
35	MP2C	Z	-21.615	6
36	MP2C	Mx	-.026	6
37	MP3A	X	-6.906	3
38	MP3A	Z	-11.962	3
39	MP3A	Mx	.003	3
40	MP3A	X	-6.906	5
41	MP3A	Z	-11.962	5
42	MP3A	Mx	.003	5
43	MP3B	X	-6.906	3
44	MP3B	Z	-11.962	3
45	MP3B	Mx	.003	3
46	MP3B	X	-6.906	5
47	MP3B	Z	-11.962	5
48	MP3B	Mx	.003	5
49	MP3C	X	-3.579	3
50	MP3C	Z	-6.198	3
51	MP3C	Mx	-.004	3
52	MP3C	X	-3.579	5
53	MP3C	Z	-6.198	5
54	MP3C	Mx	-.004	5
55	MP1A	X	-9.387	2
56	MP1A	Z	-16.259	2
57	MP1A	Mx	.012	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-9.387	6
59	MP1A	Z	-16.259	6
60	MP1A	Mx	.012	6
61	MP1B	X	-9.387	2
62	MP1B	Z	-16.259	2
63	MP1B	Mx	.012	2
64	MP1B	X	-9.387	6
65	MP1B	Z	-16.259	6
66	MP1B	Mx	.012	6
67	MP1C	X	-14.385	2
68	MP1C	Z	-24.916	2
69	MP1C	Mx	-.036	2
70	MP1C	X	-14.385	6
71	MP1C	Z	-24.916	6
72	MP1C	Mx	-.036	6
73	MP4A	X	-9.387	2
74	MP4A	Z	-16.259	2
75	MP4A	Mx	.012	2
76	MP4A	X	-9.387	6
77	MP4A	Z	-16.259	6
78	MP4A	Mx	.012	6
79	MP4B	X	-9.387	2
80	MP4B	Z	-16.259	2
81	MP4B	Mx	.012	2
82	MP4B	X	-9.387	6
83	MP4B	Z	-16.259	6
84	MP4B	Mx	.012	6
85	MP4C	X	-14.385	2
86	MP4C	Z	-24.916	2
87	MP4C	Mx	-.036	2
88	MP4C	X	-14.385	6
89	MP4C	Z	-24.916	6
90	MP4C	Mx	-.036	6
91	M101	X	-12.181	1
92	M101	Z	-21.098	1
93	M101	Mx	0	1
94	MP1A	X	-6.285	2.5
95	MP1A	Z	-10.885	2.5
96	MP1A	Mx	-.003	2.5
97	MP1B	X	-6.285	2.5
98	MP1B	Z	-10.885	2.5
99	MP1B	Mx	-.003	2.5
100	MP1C	X	-4.797	2.5
101	MP1C	Z	-8.308	2.5
102	MP1C	Mx	.005	2.5
103	MP2A	X	-6.088	2.5
104	MP2A	Z	-10.545	2.5
105	MP2A	Mx	-.003	2.5
106	MP2B	X	-6.088	2.5
107	MP2B	Z	-10.545	2.5
108	MP2B	Mx	-.003	2.5
109	MP2C	X	-4.035	2.5
110	MP2C	Z	-6.989	2.5
111	MP2C	Mx	.004	2.5
112	MP2B	X	-3.161	5
113	MP2B	Z	-5.475	5
114	MP2B	Mx	-.00079	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2
2	MP2A	Z	-5.16	2
3	MP2A	Mx	-.004	2
4	MP2A	X	0	6
5	MP2A	Z	-5.16	6
6	MP2A	Mx	-.004	6
7	MP2B	X	0	2
8	MP2B	Z	-4.186	2
9	MP2B	Mx	.005	2
10	MP2B	X	0	6
11	MP2B	Z	-4.186	6
12	MP2B	Mx	.005	6
13	MP2C	X	0	2
14	MP2C	Z	-4.398	2
15	MP2C	Mx	-.000732	2
16	MP2C	X	0	6
17	MP2C	Z	-4.398	6
18	MP2C	Mx	-.000732	6
19	MP2A	X	0	2
20	MP2A	Z	-5.16	2
21	MP2A	Mx	.004	2
22	MP2A	X	0	6
23	MP2A	Z	-5.16	6
24	MP2A	Mx	.004	6
25	MP2B	X	0	2
26	MP2B	Z	-4.186	2
27	MP2B	Mx	.002	2
28	MP2B	X	0	6
29	MP2B	Z	-4.186	6
30	MP2B	Mx	.002	6
31	MP2C	X	0	2
32	MP2C	Z	-4.398	2
33	MP2C	Mx	-.005	2
34	MP2C	X	0	6
35	MP2C	Z	-4.398	6
36	MP2C	Mx	-.005	6
37	MP3A	X	0	3
38	MP3A	Z	-5.127	3
39	MP3A	Mx	0	3
40	MP3A	X	0	5
41	MP3A	Z	-5.127	5
42	MP3A	Mx	0	5
43	MP3B	X	0	3
44	MP3B	Z	-2.787	3
45	MP3B	Mx	.001	3
46	MP3B	X	0	5
47	MP3B	Z	-2.787	5
48	MP3B	Mx	.001	5
49	MP3C	X	0	3
50	MP3C	Z	-3.296	3
51	MP3C	Mx	-.001	3
52	MP3C	X	0	5
53	MP3C	Z	-3.296	5
54	MP3C	Mx	-.001	5
55	MP1A	X	0	2
56	MP1A	Z	-4.724	2
57	MP1A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	0	6
59	MP1A	Z	-4.724	6
60	MP1A	Mx	0	6
61	MP1B	X	0	2
62	MP1B	Z	-8.241	2
63	MP1B	Mx	.009	2
64	MP1B	X	0	6
65	MP1B	Z	-8.241	6
66	MP1B	Mx	.009	6
67	MP1C	X	0	2
68	MP1C	Z	-8.241	2
69	MP1C	Mx	-.009	2
70	MP1C	X	0	6
71	MP1C	Z	-8.241	6
72	MP1C	Mx	-.009	6
73	MP4A	X	0	2
74	MP4A	Z	-4.724	2
75	MP4A	Mx	0	2
76	MP4A	X	0	6
77	MP4A	Z	-4.724	6
78	MP4A	Mx	0	6
79	MP4B	X	0	2
80	MP4B	Z	-8.241	2
81	MP4B	Mx	.009	2
82	MP4B	X	0	6
83	MP4B	Z	-8.241	6
84	MP4B	Mx	.009	6
85	MP4C	X	0	2
86	MP4C	Z	-8.241	2
87	MP4C	Mx	-.009	2
88	MP4C	X	0	6
89	MP4C	Z	-8.241	6
90	MP4C	Mx	-.009	6
91	M101	X	0	1
92	M101	Z	-6.822	1
93	M101	Mx	0	1
94	MP1A	X	0	2.5
95	MP1A	Z	-3.382	2.5
96	MP1A	Mx	0	2.5
97	MP1B	X	0	2.5
98	MP1B	Z	-2.547	2.5
99	MP1B	Mx	-.001	2.5
100	MP1C	X	0	2.5
101	MP1C	Z	-2.729	2.5
102	MP1C	Mx	.001	2.5
103	MP2A	X	0	2.5
104	MP2A	Z	-3.382	2.5
105	MP2A	Mx	0	2.5
106	MP2B	X	0	2.5
107	MP2B	Z	-2.236	2.5
108	MP2B	Mx	-.000968	2.5
109	MP2C	X	0	2.5
110	MP2C	Z	-2.486	2.5
111	MP2C	Mx	.000952	2.5
112	MP2B	X	0	5
113	MP2B	Z	-1	5
114	MP2B	Mx	-.000217	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.418	2
2	MP2A	Z	-4.188	2
3	MP2A	Mx	-.006	2
4	MP2A	X	2.418	6
5	MP2A	Z	-4.188	6
6	MP2A	Mx	-.006	6
7	MP2B	X	1.931	2
8	MP2B	Z	-3.344	2
9	MP2B	Mx	.004	2
10	MP2B	X	1.931	6
11	MP2B	Z	-3.344	6
12	MP2B	Mx	.004	6
13	MP2C	X	2.504	2
14	MP2C	Z	-4.337	2
15	MP2C	Mx	.002	2
16	MP2C	X	2.504	6
17	MP2C	Z	-4.337	6
18	MP2C	Mx	.002	6
19	MP2A	X	2.418	2
20	MP2A	Z	-4.188	2
21	MP2A	Mx	.001	2
22	MP2A	X	2.418	6
23	MP2A	Z	-4.188	6
24	MP2A	Mx	.001	6
25	MP2B	X	1.931	2
26	MP2B	Z	-3.344	2
27	MP2B	Mx	.004	2
28	MP2B	X	1.931	6
29	MP2B	Z	-3.344	6
30	MP2B	Mx	.004	6
31	MP2C	X	2.504	2
32	MP2C	Z	-4.337	2
33	MP2C	Mx	-.005	2
34	MP2C	X	2.504	6
35	MP2C	Z	-4.337	6
36	MP2C	Mx	-.005	6
37	MP3A	X	2.174	3
38	MP3A	Z	-3.765	3
39	MP3A	Mx	-.001	3
40	MP3A	X	2.174	5
41	MP3A	Z	-3.765	5
42	MP3A	Mx	-.001	5
43	MP3B	X	1.004	3
44	MP3B	Z	-1.738	3
45	MP3B	Mx	.001	3
46	MP3B	X	1.004	5
47	MP3B	Z	-1.738	5
48	MP3B	Mx	.001	5
49	MP3C	X	2.381	3
50	MP3C	Z	-4.124	3
51	MP3C	Mx	-.000814	3
52	MP3C	X	2.381	5
53	MP3C	Z	-4.124	5
54	MP3C	Mx	-.000814	5
55	MP1A	X	2.948	2
56	MP1A	Z	-5.106	2
57	MP1A	Mx	-.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	2.948	6
59	MP1A	Z	-5.106	6
60	MP1A	Mx	-.004	6
61	MP1B	X	4.706	2
62	MP1B	Z	-8.152	2
63	MP1B	Mx	.012	2
64	MP1B	X	4.706	6
65	MP1B	Z	-8.152	6
66	MP1B	Mx	.012	6
67	MP1C	X	2.948	2
68	MP1C	Z	-5.106	2
69	MP1C	Mx	-.004	2
70	MP1C	X	2.948	6
71	MP1C	Z	-5.106	6
72	MP1C	Mx	-.004	6
73	MP4A	X	2.948	2
74	MP4A	Z	-5.106	2
75	MP4A	Mx	-.004	2
76	MP4A	X	2.948	6
77	MP4A	Z	-5.106	6
78	MP4A	Mx	-.004	6
79	MP4B	X	4.706	2
80	MP4B	Z	-8.152	2
81	MP4B	Mx	.012	2
82	MP4B	X	4.706	6
83	MP4B	Z	-8.152	6
84	MP4B	Mx	.012	6
85	MP4C	X	2.948	2
86	MP4C	Z	-5.106	2
87	MP4C	Mx	-.004	2
88	MP4C	X	2.948	6
89	MP4C	Z	-5.106	6
90	MP4C	Mx	-.004	6
91	M101	X	3.502	1
92	M101	Z	-6.066	1
93	M101	Mx	0	1
94	MP1A	X	1.552	2.5
95	MP1A	Z	-2.688	2.5
96	MP1A	Mx	.000776	2.5
97	MP1B	X	1.135	2.5
98	MP1B	Z	-1.965	2.5
99	MP1B	Mx	-.001	2.5
100	MP1C	X	1.626	2.5
101	MP1C	Z	-2.816	2.5
102	MP1C	Mx	.000556	2.5
103	MP2A	X	1.5	2.5
104	MP2A	Z	-2.598	2.5
105	MP2A	Mx	.00075	2.5
106	MP2B	X	.927	2.5
107	MP2B	Z	-1.606	2.5
108	MP2B	Mx	-.000927	2.5
109	MP2C	X	1.602	2.5
110	MP2C	Z	-2.774	2.5
111	MP2C	Mx	.000548	2.5
112	MP2B	X	.318	5
113	MP2B	Z	-.55	5
114	MP2B	Mx	-.000159	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.626	2
2	MP2A	Z	-2.093	2
3	MP2A	Mx	-.005	2
4	MP2A	X	3.626	6
5	MP2A	Z	-2.093	6
6	MP2A	Mx	-.005	6
7	MP2B	X	3.626	2
8	MP2B	Z	-2.093	2
9	MP2B	Mx	.002	2
10	MP2B	X	3.626	6
11	MP2B	Z	-2.093	6
12	MP2B	Mx	.002	6
13	MP2C	X	4.435	2
14	MP2C	Z	-2.56	2
15	MP2C	Mx	.005	2
16	MP2C	X	4.435	6
17	MP2C	Z	-2.56	6
18	MP2C	Mx	.005	6
19	MP2A	X	3.626	2
20	MP2A	Z	-2.093	2
21	MP2A	Mx	-.002	2
22	MP2A	X	3.626	6
23	MP2A	Z	-2.093	6
24	MP2A	Mx	-.002	6
25	MP2B	X	3.626	2
26	MP2B	Z	-2.093	2
27	MP2B	Mx	.005	2
28	MP2B	X	3.626	6
29	MP2B	Z	-2.093	6
30	MP2B	Mx	.005	6
31	MP2C	X	4.435	2
32	MP2C	Z	-2.56	2
33	MP2C	Mx	-.003	2
34	MP2C	X	4.435	6
35	MP2C	Z	-2.56	6
36	MP2C	Mx	-.003	6
37	MP3A	X	2.414	3
38	MP3A	Z	-1.394	3
39	MP3A	Mx	-.001	3
40	MP3A	X	2.414	5
41	MP3A	Z	-1.394	5
42	MP3A	Mx	-.001	5
43	MP3B	X	2.414	3
44	MP3B	Z	-1.394	3
45	MP3B	Mx	.001	3
46	MP3B	X	2.414	5
47	MP3B	Z	-1.394	5
48	MP3B	Mx	.001	5
49	MP3C	X	4.359	3
50	MP3C	Z	-2.517	3
51	MP3C	Mx	.000437	3
52	MP3C	X	4.359	5
53	MP3C	Z	-2.517	5
54	MP3C	Mx	.000437	5
55	MP1A	X	7.137	2
56	MP1A	Z	-4.12	2
57	MP1A	Mx	-.009	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	7.137	6
59	MP1A	Z	-4.12	6
60	MP1A	Mx	-.009	6
61	MP1B	X	7.137	2
62	MP1B	Z	-4.12	2
63	MP1B	Mx	.009	2
64	MP1B	X	7.137	6
65	MP1B	Z	-4.12	6
66	MP1B	Mx	.009	6
67	MP1C	X	4.091	2
68	MP1C	Z	-2.362	2
69	MP1C	Mx	0	2
70	MP1C	X	4.091	6
71	MP1C	Z	-2.362	6
72	MP1C	Mx	0	6
73	MP4A	X	7.137	2
74	MP4A	Z	-4.12	2
75	MP4A	Mx	-.009	2
76	MP4A	X	7.137	6
77	MP4A	Z	-4.12	6
78	MP4A	Mx	-.009	6
79	MP4B	X	7.137	2
80	MP4B	Z	-4.12	2
81	MP4B	Mx	.009	2
82	MP4B	X	7.137	6
83	MP4B	Z	-4.12	6
84	MP4B	Mx	.009	6
85	MP4C	X	4.091	2
86	MP4C	Z	-2.362	2
87	MP4C	Mx	0	2
88	MP4C	X	4.091	6
89	MP4C	Z	-2.362	6
90	MP4C	Mx	0	6
91	M101	X	6.92	1
92	M101	Z	-3.995	1
93	M101	Mx	0	1
94	MP1A	X	2.206	2.5
95	MP1A	Z	-1.274	2.5
96	MP1A	Mx	.001	2.5
97	MP1B	X	2.206	2.5
98	MP1B	Z	-1.274	2.5
99	MP1B	Mx	-.001	2.5
100	MP1C	X	2.9	2.5
101	MP1C	Z	-1.674	2.5
102	MP1C	Mx	-.000291	2.5
103	MP2A	X	1.937	2.5
104	MP2A	Z	-1.118	2.5
105	MP2A	Mx	.000968	2.5
106	MP2B	X	1.937	2.5
107	MP2B	Z	-1.118	2.5
108	MP2B	Mx	-.000968	2.5
109	MP2C	X	2.889	2.5
110	MP2C	Z	-1.668	2.5
111	MP2C	Mx	-.00029	2.5
112	MP2B	X	.866	5
113	MP2B	Z	-.5	5
114	MP2B	Mx	-.000217	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.862	2
2	MP2A	Z	0	2
3	MP2A	Mx	-.004	2
4	MP2A	X	3.862	6
5	MP2A	Z	0	6
6	MP2A	Mx	-.004	6
7	MP2B	X	4.836	2
8	MP2B	Z	0	2
9	MP2B	Mx	-.001	2
10	MP2B	X	4.836	6
11	MP2B	Z	0	6
12	MP2B	Mx	-.001	6
13	MP2C	X	4.624	2
14	MP2C	Z	0	2
15	MP2C	Mx	.006	2
16	MP2C	X	4.624	6
17	MP2C	Z	0	6
18	MP2C	Mx	.006	6
19	MP2A	X	3.862	2
20	MP2A	Z	0	2
21	MP2A	Mx	-.004	2
22	MP2A	X	3.862	6
23	MP2A	Z	0	6
24	MP2A	Mx	-.004	6
25	MP2B	X	4.836	2
26	MP2B	Z	0	2
27	MP2B	Mx	.006	2
28	MP2B	X	4.836	6
29	MP2B	Z	0	6
30	MP2B	Mx	.006	6
31	MP2C	X	4.624	2
32	MP2C	Z	0	2
33	MP2C	Mx	-.000227	2
34	MP2C	X	4.624	6
35	MP2C	Z	0	6
36	MP2C	Mx	-.000227	6
37	MP3A	X	2.007	3
38	MP3A	Z	0	3
39	MP3A	Mx	-.001	3
40	MP3A	X	2.007	5
41	MP3A	Z	0	5
42	MP3A	Mx	-.001	5
43	MP3B	X	4.347	3
44	MP3B	Z	0	3
45	MP3B	Mx	.001	3
46	MP3B	X	4.347	5
47	MP3B	Z	0	5
48	MP3B	Mx	.001	5
49	MP3C	X	3.838	3
50	MP3C	Z	0	3
51	MP3C	Mx	.001	3
52	MP3C	X	3.838	5
53	MP3C	Z	0	5
54	MP3C	Mx	.001	5
55	MP1A	X	9.413	2
56	MP1A	Z	0	2
57	MP1A	Mx	-.012	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	9.413	6
59	MP1A	Z	0	6
60	MP1A	Mx	-.012	6
61	MP1B	X	5.896	2
62	MP1B	Z	0	2
63	MP1B	Mx	.004	2
64	MP1B	X	5.896	6
65	MP1B	Z	0	6
66	MP1B	Mx	.004	6
67	MP1C	X	5.896	2
68	MP1C	Z	0	2
69	MP1C	Mx	.004	2
70	MP1C	X	5.896	6
71	MP1C	Z	0	6
72	MP1C	Mx	.004	6
73	MP4A	X	9.413	2
74	MP4A	Z	0	2
75	MP4A	Mx	-.012	2
76	MP4A	X	9.413	6
77	MP4A	Z	0	6
78	MP4A	Mx	-.012	6
79	MP4B	X	5.896	2
80	MP4B	Z	0	2
81	MP4B	Mx	.004	2
82	MP4B	X	5.896	6
83	MP4B	Z	0	6
84	MP4B	Mx	.004	6
85	MP4C	X	5.896	2
86	MP4C	Z	0	2
87	MP4C	Mx	.004	2
88	MP4C	X	5.896	6
89	MP4C	Z	0	6
90	MP4C	Mx	.004	6
91	M101	X	8.795	1
92	M101	Z	0	1
93	M101	Mx	0	1
94	MP1A	X	2.269	2.5
95	MP1A	Z	0	2.5
96	MP1A	Mx	.001	2.5
97	MP1B	X	3.104	2.5
98	MP1B	Z	0	2.5
99	MP1B	Mx	-.000776	2.5
100	MP1C	X	2.922	2.5
101	MP1C	Z	0	2.5
102	MP1C	Mx	-.000939	2.5
103	MP2A	X	1.855	2.5
104	MP2A	Z	0	2.5
105	MP2A	Mx	.000927	2.5
106	MP2B	X	3	2.5
107	MP2B	Z	0	2.5
108	MP2B	Mx	-.00075	2.5
109	MP2C	X	2.751	2.5
110	MP2C	Z	0	2.5
111	MP2C	Mx	-.000884	2.5
112	MP2B	X	1.73	5
113	MP2B	Z	0	5
114	MP2B	Mx	-.000216	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.626	2
2	MP2A	Z	2.093	2
3	MP2A	Mx	-.002	2
4	MP2A	X	3.626	6
5	MP2A	Z	2.093	6
6	MP2A	Mx	-.002	6
7	MP2B	X	4.469	2
8	MP2B	Z	2.58	2
9	MP2B	Mx	-.004	2
10	MP2B	X	4.469	6
11	MP2B	Z	2.58	6
12	MP2B	Mx	-.004	6
13	MP2C	X	3.476	2
14	MP2C	Z	2.007	2
15	MP2C	Mx	.005	2
16	MP2C	X	3.476	6
17	MP2C	Z	2.007	6
18	MP2C	Mx	.005	6
19	MP2A	X	3.626	2
20	MP2A	Z	2.093	2
21	MP2A	Mx	-.005	2
22	MP2A	X	3.626	6
23	MP2A	Z	2.093	6
24	MP2A	Mx	-.005	6
25	MP2B	X	4.469	2
26	MP2B	Z	2.58	2
27	MP2B	Mx	.004	2
28	MP2B	X	4.469	6
29	MP2B	Z	2.58	6
30	MP2B	Mx	.004	6
31	MP2C	X	3.476	2
32	MP2C	Z	2.007	2
33	MP2C	Mx	.002	2
34	MP2C	X	3.476	6
35	MP2C	Z	2.007	6
36	MP2C	Mx	.002	6
37	MP3A	X	2.414	3
38	MP3A	Z	1.394	3
39	MP3A	Mx	-.001	3
40	MP3A	X	2.414	5
41	MP3A	Z	1.394	5
42	MP3A	Mx	-.001	5
43	MP3B	X	4.44	3
44	MP3B	Z	2.564	3
45	MP3B	Mx	0	3
46	MP3B	X	4.44	5
47	MP3B	Z	2.564	5
48	MP3B	Mx	0	5
49	MP3C	X	2.054	3
50	MP3C	Z	1.186	3
51	MP3C	Mx	.001	3
52	MP3C	X	2.054	5
53	MP3C	Z	1.186	5
54	MP3C	Mx	.001	5
55	MP1A	X	7.137	2
56	MP1A	Z	4.12	2
57	MP1A	Mx	-.009	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	7.137	6
59	MP1A	Z	4.12	6
60	MP1A	Mx	-.009	6
61	MP1B	X	4.091	2
62	MP1B	Z	2.362	2
63	MP1B	Mx	0	2
64	MP1B	X	4.091	6
65	MP1B	Z	2.362	6
66	MP1B	Mx	0	6
67	MP1C	X	7.137	2
68	MP1C	Z	4.12	2
69	MP1C	Mx	.009	2
70	MP1C	X	7.137	6
71	MP1C	Z	4.12	6
72	MP1C	Mx	.009	6
73	MP4A	X	7.137	2
74	MP4A	Z	4.12	2
75	MP4A	Mx	-.009	2
76	MP4A	X	7.137	6
77	MP4A	Z	4.12	6
78	MP4A	Mx	-.009	6
79	MP4B	X	4.091	2
80	MP4B	Z	2.362	2
81	MP4B	Mx	0	2
82	MP4B	X	4.091	6
83	MP4B	Z	2.362	6
84	MP4B	Mx	0	6
85	MP4C	X	7.137	2
86	MP4C	Z	4.12	2
87	MP4C	Mx	.009	2
88	MP4C	X	7.137	6
89	MP4C	Z	4.12	6
90	MP4C	Mx	.009	6
91	M101	X	7.459	1
92	M101	Z	4.306	1
93	M101	Mx	0	1
94	MP1A	X	2.206	2.5
95	MP1A	Z	1.274	2.5
96	MP1A	Mx	.001	2.5
97	MP1B	X	2.929	2.5
98	MP1B	Z	1.691	2.5
99	MP1B	Mx	0	2.5
100	MP1C	X	2.078	2.5
101	MP1C	Z	1.2	2.5
102	MP1C	Mx	-.001	2.5
103	MP2A	X	1.937	2.5
104	MP2A	Z	1.118	2.5
105	MP2A	Mx	.000968	2.5
106	MP2B	X	2.929	2.5
107	MP2B	Z	1.691	2.5
108	MP2B	Mx	0	2.5
109	MP2C	X	1.761	2.5
110	MP2C	Z	1.017	2.5
111	MP2C	Mx	-.000956	2.5
112	MP2B	X	1.814	5
113	MP2B	Z	1.047	5
114	MP2B	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.418	2
2	MP2A	Z	4.188	2
3	MP2A	Mx	.001	2
4	MP2A	X	2.418	6
5	MP2A	Z	4.188	6
6	MP2A	Mx	.001	6
7	MP2B	X	2.418	2
8	MP2B	Z	4.188	2
9	MP2B	Mx	-.006	2
10	MP2B	X	2.418	6
11	MP2B	Z	4.188	6
12	MP2B	Mx	-.006	6
13	MP2C	X	1.951	2
14	MP2C	Z	3.378	2
15	MP2C	Mx	.003	2
16	MP2C	X	1.951	6
17	MP2C	Z	3.378	6
18	MP2C	Mx	.003	6
19	MP2A	X	2.418	2
20	MP2A	Z	4.188	2
21	MP2A	Mx	-.006	2
22	MP2A	X	2.418	6
23	MP2A	Z	4.188	6
24	MP2A	Mx	-.006	6
25	MP2B	X	2.418	2
26	MP2B	Z	4.188	2
27	MP2B	Mx	.001	2
28	MP2B	X	2.418	6
29	MP2B	Z	4.188	6
30	MP2B	Mx	.001	6
31	MP2C	X	1.951	2
32	MP2C	Z	3.378	2
33	MP2C	Mx	.004	2
34	MP2C	X	1.951	6
35	MP2C	Z	3.378	6
36	MP2C	Mx	.004	6
37	MP3A	X	2.174	3
38	MP3A	Z	3.765	3
39	MP3A	Mx	-.001	3
40	MP3A	X	2.174	5
41	MP3A	Z	3.765	5
42	MP3A	Mx	-.001	5
43	MP3B	X	2.174	3
44	MP3B	Z	3.765	3
45	MP3B	Mx	-.001	3
46	MP3B	X	2.174	5
47	MP3B	Z	3.765	5
48	MP3B	Mx	-.001	5
49	MP3C	X	1.051	3
50	MP3C	Z	1.82	3
51	MP3C	Mx	.001	3
52	MP3C	X	1.051	5
53	MP3C	Z	1.82	5
54	MP3C	Mx	.001	5
55	MP1A	X	2.948	2
56	MP1A	Z	5.106	2
57	MP1A	Mx	-.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	2.948	6
59	MP1A	Z	5.106	6
60	MP1A	Mx	-.004	6
61	MP1B	X	2.948	2
62	MP1B	Z	5.106	2
63	MP1B	Mx	-.004	2
64	MP1B	X	2.948	6
65	MP1B	Z	5.106	6
66	MP1B	Mx	-.004	6
67	MP1C	X	4.706	2
68	MP1C	Z	8.152	2
69	MP1C	Mx	.012	2
70	MP1C	X	4.706	6
71	MP1C	Z	8.152	6
72	MP1C	Mx	.012	6
73	MP4A	X	2.948	2
74	MP4A	Z	5.106	2
75	MP4A	Mx	-.004	2
76	MP4A	X	2.948	6
77	MP4A	Z	5.106	6
78	MP4A	Mx	-.004	6
79	MP4B	X	2.948	2
80	MP4B	Z	5.106	2
81	MP4B	Mx	-.004	2
82	MP4B	X	2.948	6
83	MP4B	Z	5.106	6
84	MP4B	Mx	-.004	6
85	MP4C	X	4.706	2
86	MP4C	Z	8.152	2
87	MP4C	Mx	.012	2
88	MP4C	X	4.706	6
89	MP4C	Z	8.152	6
90	MP4C	Mx	.012	6
91	M101	X	3.813	1
92	M101	Z	6.604	1
93	M101	Mx	0	1
94	MP1A	X	1.552	2.5
95	MP1A	Z	2.688	2.5
96	MP1A	Mx	.000776	2.5
97	MP1B	X	1.552	2.5
98	MP1B	Z	2.688	2.5
99	MP1B	Mx	.000776	2.5
100	MP1C	X	1.151	2.5
101	MP1C	Z	1.994	2.5
102	MP1C	Mx	-.001	2.5
103	MP2A	X	1.5	2.5
104	MP2A	Z	2.598	2.5
105	MP2A	Mx	.00075	2.5
106	MP2B	X	1.5	2.5
107	MP2B	Z	2.598	2.5
108	MP2B	Mx	.00075	2.5
109	MP2C	X	.95	2.5
110	MP2C	Z	1.646	2.5
111	MP2C	Mx	-.000936	2.5
112	MP2B	X	.865	5
113	MP2B	Z	1.498	5
114	MP2B	Mx	.000216	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2
2	MP2A	Z	5.16	2
3	MP2A	Mx	.004	2
4	MP2A	X	0	6
5	MP2A	Z	5.16	6
6	MP2A	Mx	.004	6
7	MP2B	X	0	2
8	MP2B	Z	4.186	2
9	MP2B	Mx	-.005	2
10	MP2B	X	0	6
11	MP2B	Z	4.186	6
12	MP2B	Mx	-.005	6
13	MP2C	X	0	2
14	MP2C	Z	4.398	2
15	MP2C	Mx	.000732	2
16	MP2C	X	0	6
17	MP2C	Z	4.398	6
18	MP2C	Mx	.000732	6
19	MP2A	X	0	2
20	MP2A	Z	5.16	2
21	MP2A	Mx	-.004	2
22	MP2A	X	0	6
23	MP2A	Z	5.16	6
24	MP2A	Mx	-.004	6
25	MP2B	X	0	2
26	MP2B	Z	4.186	2
27	MP2B	Mx	-.002	2
28	MP2B	X	0	6
29	MP2B	Z	4.186	6
30	MP2B	Mx	-.002	6
31	MP2C	X	0	2
32	MP2C	Z	4.398	2
33	MP2C	Mx	.005	2
34	MP2C	X	0	6
35	MP2C	Z	4.398	6
36	MP2C	Mx	.005	6
37	MP3A	X	0	3
38	MP3A	Z	5.127	3
39	MP3A	Mx	0	3
40	MP3A	X	0	5
41	MP3A	Z	5.127	5
42	MP3A	Mx	0	5
43	MP3B	X	0	3
44	MP3B	Z	2.787	3
45	MP3B	Mx	-.001	3
46	MP3B	X	0	5
47	MP3B	Z	2.787	5
48	MP3B	Mx	-.001	5
49	MP3C	X	0	3
50	MP3C	Z	3.296	3
51	MP3C	Mx	.001	3
52	MP3C	X	0	5
53	MP3C	Z	3.296	5
54	MP3C	Mx	.001	5
55	MP1A	X	0	2
56	MP1A	Z	4.724	2
57	MP1A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	0	6
59	MP1A	Z	4.724	6
60	MP1A	Mx	0	6
61	MP1B	X	0	2
62	MP1B	Z	8.241	2
63	MP1B	Mx	-.009	2
64	MP1B	X	0	6
65	MP1B	Z	8.241	6
66	MP1B	Mx	-.009	6
67	MP1C	X	0	2
68	MP1C	Z	8.241	2
69	MP1C	Mx	.009	2
70	MP1C	X	0	6
71	MP1C	Z	8.241	6
72	MP1C	Mx	.009	6
73	MP4A	X	0	2
74	MP4A	Z	4.724	2
75	MP4A	Mx	0	2
76	MP4A	X	0	6
77	MP4A	Z	4.724	6
78	MP4A	Mx	0	6
79	MP4B	X	0	2
80	MP4B	Z	8.241	2
81	MP4B	Mx	-.009	2
82	MP4B	X	0	6
83	MP4B	Z	8.241	6
84	MP4B	Mx	-.009	6
85	MP4C	X	0	2
86	MP4C	Z	8.241	2
87	MP4C	Mx	.009	2
88	MP4C	X	0	6
89	MP4C	Z	8.241	6
90	MP4C	Mx	.009	6
91	M101	X	0	1
92	M101	Z	6.822	1
93	M101	Mx	0	1
94	MP1A	X	0	2.5
95	MP1A	Z	3.382	2.5
96	MP1A	Mx	0	2.5
97	MP1B	X	0	2.5
98	MP1B	Z	2.547	2.5
99	MP1B	Mx	.001	2.5
100	MP1C	X	0	2.5
101	MP1C	Z	2.729	2.5
102	MP1C	Mx	-.001	2.5
103	MP2A	X	0	2.5
104	MP2A	Z	3.382	2.5
105	MP2A	Mx	0	2.5
106	MP2B	X	0	2.5
107	MP2B	Z	2.236	2.5
108	MP2B	Mx	.000968	2.5
109	MP2C	X	0	2.5
110	MP2C	Z	2.486	2.5
111	MP2C	Mx	-.000952	2.5
112	MP2B	X	0	5
113	MP2B	Z	1	5
114	MP2B	Mx	.000217	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.418	2
2	MP2A	Z	4.188	2
3	MP2A	Mx	.006	2
4	MP2A	X	-2.418	6
5	MP2A	Z	4.188	6
6	MP2A	Mx	.006	6
7	MP2B	X	-1.931	2
8	MP2B	Z	3.344	2
9	MP2B	Mx	-.004	2
10	MP2B	X	-1.931	6
11	MP2B	Z	3.344	6
12	MP2B	Mx	-.004	6
13	MP2C	X	-2.504	2
14	MP2C	Z	4.337	2
15	MP2C	Mx	-.002	2
16	MP2C	X	-2.504	6
17	MP2C	Z	4.337	6
18	MP2C	Mx	-.002	6
19	MP2A	X	-2.418	2
20	MP2A	Z	4.188	2
21	MP2A	Mx	-.001	2
22	MP2A	X	-2.418	6
23	MP2A	Z	4.188	6
24	MP2A	Mx	-.001	6
25	MP2B	X	-1.931	2
26	MP2B	Z	3.344	2
27	MP2B	Mx	-.004	2
28	MP2B	X	-1.931	6
29	MP2B	Z	3.344	6
30	MP2B	Mx	-.004	6
31	MP2C	X	-2.504	2
32	MP2C	Z	4.337	2
33	MP2C	Mx	.005	2
34	MP2C	X	-2.504	6
35	MP2C	Z	4.337	6
36	MP2C	Mx	.005	6
37	MP3A	X	-2.174	3
38	MP3A	Z	3.765	3
39	MP3A	Mx	.001	3
40	MP3A	X	-2.174	5
41	MP3A	Z	3.765	5
42	MP3A	Mx	.001	5
43	MP3B	X	-1.004	3
44	MP3B	Z	1.738	3
45	MP3B	Mx	-.001	3
46	MP3B	X	-1.004	5
47	MP3B	Z	1.738	5
48	MP3B	Mx	-.001	5
49	MP3C	X	-2.381	3
50	MP3C	Z	4.124	3
51	MP3C	Mx	.000814	3
52	MP3C	X	-2.381	5
53	MP3C	Z	4.124	5
54	MP3C	Mx	.000814	5
55	MP1A	X	-2.948	2
56	MP1A	Z	5.106	2
57	MP1A	Mx	.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-2.948	6
59	MP1A	Z	5.106	6
60	MP1A	Mx	.004	6
61	MP1B	X	-4.706	2
62	MP1B	Z	8.152	2
63	MP1B	Mx	-.012	2
64	MP1B	X	-4.706	6
65	MP1B	Z	8.152	6
66	MP1B	Mx	-.012	6
67	MP1C	X	-2.948	2
68	MP1C	Z	5.106	2
69	MP1C	Mx	.004	2
70	MP1C	X	-2.948	6
71	MP1C	Z	5.106	6
72	MP1C	Mx	.004	6
73	MP4A	X	-2.948	2
74	MP4A	Z	5.106	2
75	MP4A	Mx	.004	2
76	MP4A	X	-2.948	6
77	MP4A	Z	5.106	6
78	MP4A	Mx	.004	6
79	MP4B	X	-4.706	2
80	MP4B	Z	8.152	2
81	MP4B	Mx	-.012	2
82	MP4B	X	-4.706	6
83	MP4B	Z	8.152	6
84	MP4B	Mx	-.012	6
85	MP4C	X	-2.948	2
86	MP4C	Z	5.106	2
87	MP4C	Mx	.004	2
88	MP4C	X	-2.948	6
89	MP4C	Z	5.106	6
90	MP4C	Mx	.004	6
91	M101	X	-3.502	1
92	M101	Z	6.066	1
93	M101	Mx	0	1
94	MP1A	X	-1.552	2.5
95	MP1A	Z	2.688	2.5
96	MP1A	Mx	-.000776	2.5
97	MP1B	X	-1.135	2.5
98	MP1B	Z	1.965	2.5
99	MP1B	Mx	.001	2.5
100	MP1C	X	-1.626	2.5
101	MP1C	Z	2.816	2.5
102	MP1C	Mx	-.000556	2.5
103	MP2A	X	-1.5	2.5
104	MP2A	Z	2.598	2.5
105	MP2A	Mx	-.00075	2.5
106	MP2B	X	-.927	2.5
107	MP2B	Z	1.606	2.5
108	MP2B	Mx	.000927	2.5
109	MP2C	X	-1.602	2.5
110	MP2C	Z	2.774	2.5
111	MP2C	Mx	-.000548	2.5
112	MP2B	X	-.318	5
113	MP2B	Z	.55	5
114	MP2B	Mx	.000159	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-3.626	2
2	MP2A	Z	2.093	2
3	MP2A	Mx	.005	2
4	MP2A	X	-3.626	6
5	MP2A	Z	2.093	6
6	MP2A	Mx	.005	6
7	MP2B	X	-3.626	2
8	MP2B	Z	2.093	2
9	MP2B	Mx	-.002	2
10	MP2B	X	-3.626	6
11	MP2B	Z	2.093	6
12	MP2B	Mx	-.002	6
13	MP2C	X	-4.435	2
14	MP2C	Z	2.56	2
15	MP2C	Mx	-.005	2
16	MP2C	X	-4.435	6
17	MP2C	Z	2.56	6
18	MP2C	Mx	-.005	6
19	MP2A	X	-3.626	2
20	MP2A	Z	2.093	2
21	MP2A	Mx	.002	2
22	MP2A	X	-3.626	6
23	MP2A	Z	2.093	6
24	MP2A	Mx	.002	6
25	MP2B	X	-3.626	2
26	MP2B	Z	2.093	2
27	MP2B	Mx	-.005	2
28	MP2B	X	-3.626	6
29	MP2B	Z	2.093	6
30	MP2B	Mx	-.005	6
31	MP2C	X	-4.435	2
32	MP2C	Z	2.56	2
33	MP2C	Mx	.003	2
34	MP2C	X	-4.435	6
35	MP2C	Z	2.56	6
36	MP2C	Mx	.003	6
37	MP3A	X	-2.414	3
38	MP3A	Z	1.394	3
39	MP3A	Mx	.001	3
40	MP3A	X	-2.414	5
41	MP3A	Z	1.394	5
42	MP3A	Mx	.001	5
43	MP3B	X	-2.414	3
44	MP3B	Z	1.394	3
45	MP3B	Mx	-.001	3
46	MP3B	X	-2.414	5
47	MP3B	Z	1.394	5
48	MP3B	Mx	-.001	5
49	MP3C	X	-4.359	3
50	MP3C	Z	2.517	3
51	MP3C	Mx	-.000437	3
52	MP3C	X	-4.359	5
53	MP3C	Z	2.517	5
54	MP3C	Mx	-.000437	5
55	MP1A	X	-7.137	2
56	MP1A	Z	4.12	2
57	MP1A	Mx	.009	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-7.137	6
59	MP1A	Z	4.12	6
60	MP1A	Mx	.009	6
61	MP1B	X	-7.137	2
62	MP1B	Z	4.12	2
63	MP1B	Mx	-.009	2
64	MP1B	X	-7.137	6
65	MP1B	Z	4.12	6
66	MP1B	Mx	-.009	6
67	MP1C	X	-4.091	2
68	MP1C	Z	2.362	2
69	MP1C	Mx	0	2
70	MP1C	X	-4.091	6
71	MP1C	Z	2.362	6
72	MP1C	Mx	0	6
73	MP4A	X	-7.137	2
74	MP4A	Z	4.12	2
75	MP4A	Mx	.009	2
76	MP4A	X	-7.137	6
77	MP4A	Z	4.12	6
78	MP4A	Mx	.009	6
79	MP4B	X	-7.137	2
80	MP4B	Z	4.12	2
81	MP4B	Mx	-.009	2
82	MP4B	X	-7.137	6
83	MP4B	Z	4.12	6
84	MP4B	Mx	-.009	6
85	MP4C	X	-4.091	2
86	MP4C	Z	2.362	2
87	MP4C	Mx	0	2
88	MP4C	X	-4.091	6
89	MP4C	Z	2.362	6
90	MP4C	Mx	0	6
91	M101	X	-6.92	1
92	M101	Z	3.995	1
93	M101	Mx	0	1
94	MP1A	X	-2.206	2.5
95	MP1A	Z	1.274	2.5
96	MP1A	Mx	-.001	2.5
97	MP1B	X	-2.206	2.5
98	MP1B	Z	1.274	2.5
99	MP1B	Mx	.001	2.5
100	MP1C	X	-2.9	2.5
101	MP1C	Z	1.674	2.5
102	MP1C	Mx	.000291	2.5
103	MP2A	X	-1.937	2.5
104	MP2A	Z	1.118	2.5
105	MP2A	Mx	-.000968	2.5
106	MP2B	X	-1.937	2.5
107	MP2B	Z	1.118	2.5
108	MP2B	Mx	.000968	2.5
109	MP2C	X	-2.889	2.5
110	MP2C	Z	1.668	2.5
111	MP2C	Mx	.00029	2.5
112	MP2B	X	-.866	5
113	MP2B	Z	.5	5
114	MP2B	Mx	.000217	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-3.862	2
2	MP2A	Z	0	2
3	MP2A	Mx	.004	2
4	MP2A	X	-3.862	6
5	MP2A	Z	0	6
6	MP2A	Mx	.004	6
7	MP2B	X	-4.836	2
8	MP2B	Z	0	2
9	MP2B	Mx	.001	2
10	MP2B	X	-4.836	6
11	MP2B	Z	0	6
12	MP2B	Mx	.001	6
13	MP2C	X	-4.624	2
14	MP2C	Z	0	2
15	MP2C	Mx	-.006	2
16	MP2C	X	-4.624	6
17	MP2C	Z	0	6
18	MP2C	Mx	-.006	6
19	MP2A	X	-3.862	2
20	MP2A	Z	0	2
21	MP2A	Mx	.004	2
22	MP2A	X	-3.862	6
23	MP2A	Z	0	6
24	MP2A	Mx	.004	6
25	MP2B	X	-4.836	2
26	MP2B	Z	0	2
27	MP2B	Mx	-.006	2
28	MP2B	X	-4.836	6
29	MP2B	Z	0	6
30	MP2B	Mx	-.006	6
31	MP2C	X	-4.624	2
32	MP2C	Z	0	2
33	MP2C	Mx	.000227	2
34	MP2C	X	-4.624	6
35	MP2C	Z	0	6
36	MP2C	Mx	.000227	6
37	MP3A	X	-2.007	3
38	MP3A	Z	0	3
39	MP3A	Mx	.001	3
40	MP3A	X	-2.007	5
41	MP3A	Z	0	5
42	MP3A	Mx	.001	5
43	MP3B	X	-4.347	3
44	MP3B	Z	0	3
45	MP3B	Mx	-.001	3
46	MP3B	X	-4.347	5
47	MP3B	Z	0	5
48	MP3B	Mx	-.001	5
49	MP3C	X	-3.838	3
50	MP3C	Z	0	3
51	MP3C	Mx	-.001	3
52	MP3C	X	-3.838	5
53	MP3C	Z	0	5
54	MP3C	Mx	-.001	5
55	MP1A	X	-9.413	2
56	MP1A	Z	0	2
57	MP1A	Mx	.012	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-9.413	6
59	MP1A	Z	0	6
60	MP1A	Mx	.012	6
61	MP1B	X	-5.896	2
62	MP1B	Z	0	2
63	MP1B	Mx	-.004	2
64	MP1B	X	-5.896	6
65	MP1B	Z	0	6
66	MP1B	Mx	-.004	6
67	MP1C	X	-5.896	2
68	MP1C	Z	0	2
69	MP1C	Mx	-.004	2
70	MP1C	X	-5.896	6
71	MP1C	Z	0	6
72	MP1C	Mx	-.004	6
73	MP4A	X	-9.413	2
74	MP4A	Z	0	2
75	MP4A	Mx	.012	2
76	MP4A	X	-9.413	6
77	MP4A	Z	0	6
78	MP4A	Mx	.012	6
79	MP4B	X	-5.896	2
80	MP4B	Z	0	2
81	MP4B	Mx	-.004	2
82	MP4B	X	-5.896	6
83	MP4B	Z	0	6
84	MP4B	Mx	-.004	6
85	MP4C	X	-5.896	2
86	MP4C	Z	0	2
87	MP4C	Mx	-.004	2
88	MP4C	X	-5.896	6
89	MP4C	Z	0	6
90	MP4C	Mx	-.004	6
91	M101	X	-8.795	1
92	M101	Z	0	1
93	M101	Mx	0	1
94	MP1A	X	-2.269	2.5
95	MP1A	Z	0	2.5
96	MP1A	Mx	-.001	2.5
97	MP1B	X	-3.104	2.5
98	MP1B	Z	0	2.5
99	MP1B	Mx	.000776	2.5
100	MP1C	X	-2.922	2.5
101	MP1C	Z	0	2.5
102	MP1C	Mx	.000939	2.5
103	MP2A	X	-1.855	2.5
104	MP2A	Z	0	2.5
105	MP2A	Mx	-.000927	2.5
106	MP2B	X	-3	2.5
107	MP2B	Z	0	2.5
108	MP2B	Mx	.00075	2.5
109	MP2C	X	-2.751	2.5
110	MP2C	Z	0	2.5
111	MP2C	Mx	.000884	2.5
112	MP2B	X	-1.73	5
113	MP2B	Z	0	5
114	MP2B	Mx	.000216	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-3.626	2
2	MP2A	Z	-2.093	2
3	MP2A	Mx	.002	2
4	MP2A	X	-3.626	6
5	MP2A	Z	-2.093	6
6	MP2A	Mx	.002	6
7	MP2B	X	-4.469	2
8	MP2B	Z	-2.58	2
9	MP2B	Mx	.004	2
10	MP2B	X	-4.469	6
11	MP2B	Z	-2.58	6
12	MP2B	Mx	.004	6
13	MP2C	X	-3.476	2
14	MP2C	Z	-2.007	2
15	MP2C	Mx	-.005	2
16	MP2C	X	-3.476	6
17	MP2C	Z	-2.007	6
18	MP2C	Mx	-.005	6
19	MP2A	X	-3.626	2
20	MP2A	Z	-2.093	2
21	MP2A	Mx	.005	2
22	MP2A	X	-3.626	6
23	MP2A	Z	-2.093	6
24	MP2A	Mx	.005	6
25	MP2B	X	-4.469	2
26	MP2B	Z	-2.58	2
27	MP2B	Mx	-.004	2
28	MP2B	X	-4.469	6
29	MP2B	Z	-2.58	6
30	MP2B	Mx	-.004	6
31	MP2C	X	-3.476	2
32	MP2C	Z	-2.007	2
33	MP2C	Mx	-.002	2
34	MP2C	X	-3.476	6
35	MP2C	Z	-2.007	6
36	MP2C	Mx	-.002	6
37	MP3A	X	-2.414	3
38	MP3A	Z	-1.394	3
39	MP3A	Mx	.001	3
40	MP3A	X	-2.414	5
41	MP3A	Z	-1.394	5
42	MP3A	Mx	.001	5
43	MP3B	X	-4.44	3
44	MP3B	Z	-2.564	3
45	MP3B	Mx	0	3
46	MP3B	X	-4.44	5
47	MP3B	Z	-2.564	5
48	MP3B	Mx	0	5
49	MP3C	X	-2.054	3
50	MP3C	Z	-1.186	3
51	MP3C	Mx	-.001	3
52	MP3C	X	-2.054	5
53	MP3C	Z	-1.186	5
54	MP3C	Mx	-.001	5
55	MP1A	X	-7.137	2
56	MP1A	Z	-4.12	2
57	MP1A	Mx	.009	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-7.137	6
59	MP1A	Z	-4.12	6
60	MP1A	Mx	.009	6
61	MP1B	X	-4.091	2
62	MP1B	Z	-2.362	2
63	MP1B	Mx	0	2
64	MP1B	X	-4.091	6
65	MP1B	Z	-2.362	6
66	MP1B	Mx	0	6
67	MP1C	X	-7.137	2
68	MP1C	Z	-4.12	2
69	MP1C	Mx	-.009	2
70	MP1C	X	-7.137	6
71	MP1C	Z	-4.12	6
72	MP1C	Mx	-.009	6
73	MP4A	X	-7.137	2
74	MP4A	Z	-4.12	2
75	MP4A	Mx	.009	2
76	MP4A	X	-7.137	6
77	MP4A	Z	-4.12	6
78	MP4A	Mx	.009	6
79	MP4B	X	-4.091	2
80	MP4B	Z	-2.362	2
81	MP4B	Mx	0	2
82	MP4B	X	-4.091	6
83	MP4B	Z	-2.362	6
84	MP4B	Mx	0	6
85	MP4C	X	-7.137	2
86	MP4C	Z	-4.12	2
87	MP4C	Mx	-.009	2
88	MP4C	X	-7.137	6
89	MP4C	Z	-4.12	6
90	MP4C	Mx	-.009	6
91	M101	X	-7.459	1
92	M101	Z	-4.306	1
93	M101	Mx	0	1
94	MP1A	X	-2.206	2.5
95	MP1A	Z	-1.274	2.5
96	MP1A	Mx	-.001	2.5
97	MP1B	X	-2.929	2.5
98	MP1B	Z	-1.691	2.5
99	MP1B	Mx	0	2.5
100	MP1C	X	-2.078	2.5
101	MP1C	Z	-1.2	2.5
102	MP1C	Mx	.001	2.5
103	MP2A	X	-1.937	2.5
104	MP2A	Z	-1.118	2.5
105	MP2A	Mx	-.000968	2.5
106	MP2B	X	-2.929	2.5
107	MP2B	Z	-1.691	2.5
108	MP2B	Mx	0	2.5
109	MP2C	X	-1.761	2.5
110	MP2C	Z	-1.017	2.5
111	MP2C	Mx	.000956	2.5
112	MP2B	X	-1.814	5
113	MP2B	Z	-1.047	5
114	MP2B	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.418	2
2	MP2A	Z	-4.188	2
3	MP2A	Mx	-.001	2
4	MP2A	X	-2.418	6
5	MP2A	Z	-4.188	6
6	MP2A	Mx	-.001	6
7	MP2B	X	-2.418	2
8	MP2B	Z	-4.188	2
9	MP2B	Mx	.006	2
10	MP2B	X	-2.418	6
11	MP2B	Z	-4.188	6
12	MP2B	Mx	.006	6
13	MP2C	X	-1.951	2
14	MP2C	Z	-3.378	2
15	MP2C	Mx	-.003	2
16	MP2C	X	-1.951	6
17	MP2C	Z	-3.378	6
18	MP2C	Mx	-.003	6
19	MP2A	X	-2.418	2
20	MP2A	Z	-4.188	2
21	MP2A	Mx	.006	2
22	MP2A	X	-2.418	6
23	MP2A	Z	-4.188	6
24	MP2A	Mx	.006	6
25	MP2B	X	-2.418	2
26	MP2B	Z	-4.188	2
27	MP2B	Mx	-.001	2
28	MP2B	X	-2.418	6
29	MP2B	Z	-4.188	6
30	MP2B	Mx	-.001	6
31	MP2C	X	-1.951	2
32	MP2C	Z	-3.378	2
33	MP2C	Mx	-.004	2
34	MP2C	X	-1.951	6
35	MP2C	Z	-3.378	6
36	MP2C	Mx	-.004	6
37	MP3A	X	-2.174	3
38	MP3A	Z	-3.765	3
39	MP3A	Mx	.001	3
40	MP3A	X	-2.174	5
41	MP3A	Z	-3.765	5
42	MP3A	Mx	.001	5
43	MP3B	X	-2.174	3
44	MP3B	Z	-3.765	3
45	MP3B	Mx	.001	3
46	MP3B	X	-2.174	5
47	MP3B	Z	-3.765	5
48	MP3B	Mx	.001	5
49	MP3C	X	-1.051	3
50	MP3C	Z	-1.82	3
51	MP3C	Mx	-.001	3
52	MP3C	X	-1.051	5
53	MP3C	Z	-1.82	5
54	MP3C	Mx	-.001	5
55	MP1A	X	-2.948	2
56	MP1A	Z	-5.106	2
57	MP1A	Mx	.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-2.948	6
59	MP1A	Z	-5.106	6
60	MP1A	Mx	.004	6
61	MP1B	X	-2.948	2
62	MP1B	Z	-5.106	2
63	MP1B	Mx	.004	2
64	MP1B	X	-2.948	6
65	MP1B	Z	-5.106	6
66	MP1B	Mx	.004	6
67	MP1C	X	-4.706	2
68	MP1C	Z	-8.152	2
69	MP1C	Mx	-.012	2
70	MP1C	X	-4.706	6
71	MP1C	Z	-8.152	6
72	MP1C	Mx	-.012	6
73	MP4A	X	-2.948	2
74	MP4A	Z	-5.106	2
75	MP4A	Mx	.004	2
76	MP4A	X	-2.948	6
77	MP4A	Z	-5.106	6
78	MP4A	Mx	.004	6
79	MP4B	X	-2.948	2
80	MP4B	Z	-5.106	2
81	MP4B	Mx	.004	2
82	MP4B	X	-2.948	6
83	MP4B	Z	-5.106	6
84	MP4B	Mx	.004	6
85	MP4C	X	-4.706	2
86	MP4C	Z	-8.152	2
87	MP4C	Mx	-.012	2
88	MP4C	X	-4.706	6
89	MP4C	Z	-8.152	6
90	MP4C	Mx	-.012	6
91	M101	X	-3.813	1
92	M101	Z	-6.604	1
93	M101	Mx	0	1
94	MP1A	X	-1.552	2.5
95	MP1A	Z	-2.688	2.5
96	MP1A	Mx	-.000776	2.5
97	MP1B	X	-1.552	2.5
98	MP1B	Z	-2.688	2.5
99	MP1B	Mx	-.000776	2.5
100	MP1C	X	-1.151	2.5
101	MP1C	Z	-1.994	2.5
102	MP1C	Mx	.001	2.5
103	MP2A	X	-1.5	2.5
104	MP2A	Z	-2.598	2.5
105	MP2A	Mx	-.00075	2.5
106	MP2B	X	-1.5	2.5
107	MP2B	Z	-2.598	2.5
108	MP2B	Mx	-.00075	2.5
109	MP2C	X	-.95	2.5
110	MP2C	Z	-1.646	2.5
111	MP2C	Mx	.000936	2.5
112	MP2B	X	-.865	5
113	MP2B	Z	-1.498	5
114	MP2B	Mx	-.000216	5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%97

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%62

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	0	2
2	MP2A	My	0	2
3	MP2A	Mz	0	2
4	MP2A	Y	0	6
5	MP2A	My	0	6
6	MP2A	Mz	0	6
7	MP2B	Y	0	2
8	MP2B	My	0	2
9	MP2B	Mz	0	2
10	MP2B	Y	0	6
11	MP2B	My	0	6
12	MP2B	Mz	0	6
13	MP2C	Y	0	2
14	MP2C	My	0	2
15	MP2C	Mz	0	2
16	MP2C	Y	0	6
17	MP2C	My	0	6
18	MP2C	Mz	0	6
19	MP2A	Y	0	2
20	MP2A	My	0	2
21	MP2A	Mz	0	2
22	MP2A	Y	0	6
23	MP2A	My	0	6
24	MP2A	Mz	0	6
25	MP2B	Y	0	2
26	MP2B	My	0	2
27	MP2B	Mz	0	2
28	MP2B	Y	0	6
29	MP2B	My	0	6
30	MP2B	Mz	0	6
31	MP2C	Y	0	2
32	MP2C	My	0	2
33	MP2C	Mz	0	2
34	MP2C	Y	0	6
35	MP2C	My	0	6
36	MP2C	Mz	0	6
37	MP3A	Y	0	3
38	MP3A	My	0	3
39	MP3A	Mz	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	Y	0	5
41	MP3A	My	0	5
42	MP3A	Mz	0	5
43	MP3B	Y	0	3
44	MP3B	My	0	3
45	MP3B	Mz	0	3
46	MP3B	Y	0	5
47	MP3B	My	0	5
48	MP3B	Mz	0	5
49	MP3C	Y	0	3
50	MP3C	My	0	3
51	MP3C	Mz	0	3
52	MP3C	Y	0	5
53	MP3C	My	0	5
54	MP3C	Mz	0	5
55	MP1A	Y	0	2
56	MP1A	My	0	2
57	MP1A	Mz	0	2
58	MP1A	Y	0	6
59	MP1A	My	0	6
60	MP1A	Mz	0	6
61	MP1B	Y	0	2
62	MP1B	My	0	2
63	MP1B	Mz	0	2
64	MP1B	Y	0	6
65	MP1B	My	0	6
66	MP1B	Mz	0	6
67	MP1C	Y	0	2
68	MP1C	My	0	2
69	MP1C	Mz	0	2
70	MP1C	Y	0	6
71	MP1C	My	0	6
72	MP1C	Mz	0	6
73	MP4A	Y	0	2
74	MP4A	My	0	2
75	MP4A	Mz	0	2
76	MP4A	Y	0	6
77	MP4A	My	0	6
78	MP4A	Mz	0	6
79	MP4B	Y	0	2
80	MP4B	My	0	2
81	MP4B	Mz	0	2
82	MP4B	Y	0	6
83	MP4B	My	0	6
84	MP4B	Mz	0	6
85	MP4C	Y	0	2
86	MP4C	My	0	2
87	MP4C	Mz	0	2
88	MP4C	Y	0	6
89	MP4C	My	0	6
90	MP4C	Mz	0	6
91	M101	Y	0	1
92	M101	My	0	1
93	M101	Mz	0	1
94	MP1A	Y	0	2.5
95	MP1A	My	0	2.5
96	MP1A	Mz	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP1B	Y	0	2.5
98	MP1B	My	0	2.5
99	MP1B	Mz	0	2.5
100	MP1C	Y	0	2.5
101	MP1C	My	0	2.5
102	MP1C	Mz	0	2.5
103	MP2A	Y	0	2.5
104	MP2A	My	0	2.5
105	MP2A	Mz	0	2.5
106	MP2B	Y	0	2.5
107	MP2B	My	0	2.5
108	MP2B	Mz	0	2.5
109	MP2C	Y	0	2.5
110	MP2C	My	0	2.5
111	MP2C	Mz	0	2.5
112	MP2B	Y	0	5
113	MP2B	My	0	5
114	MP2B	Mz	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Z	-.69	2
2	MP2A	Mx	-.000575	2
3	MP2A	Z	-.69	6
4	MP2A	Mx	-.000575	6
5	MP2B	Z	-.69	2
6	MP2B	Mx	.000835	2
7	MP2B	Z	-.69	6
8	MP2B	Mx	.000835	6
9	MP2C	Z	-.69	2
10	MP2C	Mx	-.000115	2
11	MP2C	Z	-.69	6
12	MP2C	Mx	-.000115	6
13	MP2A	Z	-.69	2
14	MP2A	Mx	.000575	2
15	MP2A	Z	-.69	6
16	MP2A	Mx	.000575	6
17	MP2B	Z	-.69	2
18	MP2B	Mx	.00026	2
19	MP2B	Z	-.69	6
20	MP2B	Mx	.00026	6
21	MP2C	Z	-.69	2
22	MP2C	Mx	-.000854	2
23	MP2C	Z	-.69	6
24	MP2C	Mx	-.000854	6
25	MP3A	Z	-1.306	3
26	MP3A	Mx	0	3
27	MP3A	Z	-1.306	5
28	MP3A	Mx	0	5
29	MP3B	Z	-1.306	3
30	MP3B	Mx	.000566	3
31	MP3B	Z	-1.306	5
32	MP3B	Mx	.000566	5
33	MP3C	Z	-1.306	3
34	MP3C	Mx	-.0005	3
35	MP3C	Z	-1.306	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3C	Mx	-.0005	5
37	MP1A	Z	-.315	2
38	MP1A	Mx	0	2
39	MP1A	Z	-.315	6
40	MP1A	Mx	0	6
41	MP1B	Z	-.315	2
42	MP1B	Mx	.000341	2
43	MP1B	Z	-.315	6
44	MP1B	Mx	.000341	6
45	MP1C	Z	-.315	2
46	MP1C	Mx	-.000341	2
47	MP1C	Z	-.315	6
48	MP1C	Mx	-.000341	6
49	MP4A	Z	-.315	2
50	MP4A	Mx	0	2
51	MP4A	Z	-.315	6
52	MP4A	Mx	0	6
53	MP4B	Z	-.315	2
54	MP4B	Mx	.000341	2
55	MP4B	Z	-.315	6
56	MP4B	Mx	.000341	6
57	MP4C	Z	-.315	2
58	MP4C	Mx	-.000341	2
59	MP4C	Z	-.315	6
60	MP4C	Mx	-.000341	6
61	M101	Z	-.96	1
62	M101	Mx	0	1
63	MP1A	Z	-2.532	2.5
64	MP1A	Mx	0	2.5
65	MP1B	Z	-2.532	2.5
66	MP1B	Mx	-.001	2.5
67	MP1C	Z	-2.532	2.5
68	MP1C	Mx	.00097	2.5
69	MP2A	Z	-2.109	2.5
70	MP2A	Mx	0	2.5
71	MP2B	Z	-2.109	2.5
72	MP2B	Mx	-.000913	2.5
73	MP2C	Z	-2.109	2.5
74	MP2C	Mx	.000808	2.5
75	MP2B	Z	-.528	5
76	MP2B	Mx	-.000114	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	.69	2
2	MP2A	Mx	-.000633	2
3	MP2A	X	.69	6
4	MP2A	Mx	-.000633	6
5	MP2B	X	.69	2
6	MP2B	Mx	-.000182	2
7	MP2B	X	.69	6
8	MP2B	Mx	-.000182	6
9	MP2C	X	.69	2
10	MP2C	Mx	.000847	2
11	MP2C	X	.69	6
12	MP2C	Mx	.000847	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2A	X	.69	2
14	MP2A	Mx	-.000633	2
15	MP2A	X	.69	6
16	MP2A	Mx	-.000633	6
17	MP2B	X	.69	2
18	MP2B	Mx	.000814	2
19	MP2B	X	.69	6
20	MP2B	Mx	.000814	6
21	MP2C	X	.69	2
22	MP2C	Mx	-3.4e-5	2
23	MP2C	X	.69	6
24	MP2C	Mx	-3.4e-5	6
25	MP3A	X	1.306	3
26	MP3A	Mx	-.000653	3
27	MP3A	X	1.306	5
28	MP3A	Mx	-.000653	5
29	MP3B	X	1.306	3
30	MP3B	Mx	.000327	3
31	MP3B	X	1.306	5
32	MP3B	Mx	.000327	5
33	MP3C	X	1.306	3
34	MP3C	Mx	.00042	3
35	MP3C	X	1.306	5
36	MP3C	Mx	.00042	5
37	MP1A	X	.315	2
38	MP1A	Mx	-.000394	2
39	MP1A	X	.315	6
40	MP1A	Mx	-.000394	6
41	MP1B	X	.315	2
42	MP1B	Mx	.000197	2
43	MP1B	X	.315	6
44	MP1B	Mx	.000197	6
45	MP1C	X	.315	2
46	MP1C	Mx	.000197	2
47	MP1C	X	.315	6
48	MP1C	Mx	.000197	6
49	MP4A	X	.315	2
50	MP4A	Mx	-.000394	2
51	MP4A	X	.315	6
52	MP4A	Mx	-.000394	6
53	MP4B	X	.315	2
54	MP4B	Mx	.000197	2
55	MP4B	X	.315	6
56	MP4B	Mx	.000197	6
57	MP4C	X	.315	2
58	MP4C	Mx	.000197	2
59	MP4C	X	.315	6
60	MP4C	Mx	.000197	6
61	M101	X	.96	1
62	M101	Mx	0	1
63	MP1A	X	2.532	2.5
64	MP1A	Mx	.001	2.5
65	MP1B	X	2.532	2.5
66	MP1B	Mx	-.000633	2.5
67	MP1C	X	2.532	2.5
68	MP1C	Mx	-.000814	2.5
69	MP2A	X	2.109	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP2A	Mx	.001	2.5
71	MP2B	X	2.109	2.5
72	MP2B	Mx	-.000527	2.5
73	MP2C	X	2.109	2.5
74	MP2C	Mx	-.000678	2.5
75	MP2B	X	.528	5
76	MP2B	Mx	-6.6e-5	5

Joint Loads and Enforced Displacements

Joint Label	L,D,M	Direction	Magnitude[(lb,k-ft), (in,rad), (lb*s^2/...
No Data to Print ...			

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-6.708	-6.708	0	%100
2	M4	Y	-9.804	-9.804	0	%100
3	M10	Y	-9.804	-9.804	0	%100
4	MP3A	Y	-5.094	-5.094	0	%100
5	MP4A	Y	-5.094	-5.094	0	%100
6	MP2A	Y	-5.811	-5.811	0	%100
7	MP1A	Y	-5.094	-5.094	0	%100
8	M43	Y	-9.804	-9.804	0	%100
9	M46	Y	-10.326	-10.326	0	%100
10	M51B	Y	-5.745	-5.745	0	%100
11	M52B	Y	-5.745	-5.745	0	%100
12	M76	Y	-10.313	-10.313	0	%100
13	M77	Y	-10.313	-10.313	0	%100
14	M80	Y	-10.326	-10.326	0	%100
15	M84	Y	-10.313	-10.313	0	%100
16	M85	Y	-10.313	-10.313	0	%100
17	M91	Y	-10.326	-10.326	0	%100
18	M34	Y	-9.804	-9.804	0	%100
19	M35	Y	-9.804	-9.804	0	%100
20	M36	Y	-9.804	-9.804	0	%100
21	M37	Y	-10.326	-10.326	0	%100
22	M40	Y	-5.745	-5.745	0	%100
23	M41	Y	-5.745	-5.745	0	%100
24	M45	Y	-10.313	-10.313	0	%100
25	M46A	Y	-10.313	-10.313	0	%100
26	M48	Y	-10.326	-10.326	0	%100
27	M50A	Y	-10.313	-10.313	0	%100
28	M51C	Y	-10.313	-10.313	0	%100
29	M53	Y	-10.326	-10.326	0	%100
30	M58A	Y	-9.804	-9.804	0	%100
31	M59A	Y	-9.804	-9.804	0	%100
32	M60	Y	-9.804	-9.804	0	%100
33	M61	Y	-10.326	-10.326	0	%100
34	M64	Y	-5.745	-5.745	0	%100
35	M65	Y	-5.745	-5.745	0	%100
36	M69	Y	-10.313	-10.313	0	%100
37	M70	Y	-10.313	-10.313	0	%100
38	M72	Y	-10.326	-10.326	0	%100
39	M74	Y	-10.313	-10.313	0	%100
40	M75	Y	-10.313	-10.313	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
41	M77A	Y	-10.326	-10.326	0	%100
42	M82	Y	-6.708	-6.708	0	%100
43	MP3C	Y	-5.094	-5.094	0	%100
44	MP4C	Y	-5.094	-5.094	0	%100
45	MP2C	Y	-5.811	-5.811	0	%100
46	MP1C	Y	-5.094	-5.094	0	%100
47	M91A	Y	-6.708	-6.708	0	%100
48	MP3B	Y	-5.094	-5.094	0	%100
49	MP4B	Y	-5.094	-5.094	0	%100
50	MP2B	Y	-5.811	-5.811	0	%100
51	MP1B	Y	-5.094	-5.094	0	%100
52	M101	Y	-5.094	-5.094	0	%100
53	M102	Y	-5.811	-5.811	0	%100
54	M107	Y	-5.811	-5.811	0	%100
55	M112	Y	-5.811	-5.811	0	%100
56	M123	Y	-7.774	-7.774	0	%100
57	M124	Y	-7.774	-7.774	0	%100
58	M125	Y	-7.774	-7.774	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-12.218	-12.218	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	-10.501	-10.501	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-8.291	-8.291	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-8.291	-8.291	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-10.036	-10.036	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-8.291	-8.291	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-10.501	-10.501	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-20.946	-20.946	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-2.908	-2.908	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-2.908	-2.908	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	-5.333	-5.333	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-5.618	-5.618	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	-5.333	-5.333	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-5.618	-5.618	0	%100
35	M34	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
36	M34	Z	-9.308	-9.308	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-2.625	-2.625	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-2.625	-2.625	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-5.236	-5.236	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-2.908	-2.908	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-11.631	-11.631	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-15.709	-15.709	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-5.333	-5.333	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-5.618	-5.618	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-15.709	-15.709	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-21.334	-21.334	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-22.47	-22.47	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-9.308	-9.308	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-2.625	-2.625	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-2.625	-2.625	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-5.236	-5.236	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-11.631	-11.631	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-2.908	-2.908	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-15.709	-15.709	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-21.334	-21.334	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-22.47	-22.47	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	-15.709	-15.709	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	-5.333	-5.333	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-5.618	-5.618	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-3.055	-3.055	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	-8.291	-8.291	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-8.291	-8.291	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-10.036	-10.036	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-8.291	-8.291	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
93	M91A	X	0	0	0	%100
94	M91A	Z	-3.055	-3.055	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-8.291	-8.291	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-8.291	-8.291	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-10.036	-10.036	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-8.291	-8.291	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	-6.78	-6.78	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-10.036	-10.036	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	-2.509	-2.509	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	-2.509	-2.509	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-2.761	-2.761	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-2.761	-2.761	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-11.046	-11.046	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.582	4.582	0	%100
2	M1	Z	-7.936	-7.936	0	%100
3	M4	X	1.551	1.551	0	%100
4	M4	Z	-2.687	-2.687	0	%100
5	M10	X	3.938	3.938	0	%100
6	M10	Z	-6.821	-6.821	0	%100
7	MP3A	X	4.146	4.146	0	%100
8	MP3A	Z	-7.18	-7.18	0	%100
9	MP4A	X	4.146	4.146	0	%100
10	MP4A	Z	-7.18	-7.18	0	%100
11	MP2A	X	5.018	5.018	0	%100
12	MP2A	Z	-8.692	-8.692	0	%100
13	MP1A	X	4.146	4.146	0	%100
14	MP1A	Z	-7.18	-7.18	0	%100
15	M43	X	3.938	3.938	0	%100
16	M43	Z	-6.821	-6.821	0	%100
17	M46	X	7.855	7.855	0	%100
18	M46	Z	-13.605	-13.605	0	%100
19	M51B	X	4.362	4.362	0	%100
20	M51B	Z	-7.554	-7.554	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	2.618	2.618	0	%100
24	M76	Z	-4.535	-4.535	0	%100
25	M77	X	8	8	0	%100
26	M77	Z	-13.857	-13.857	0	%100
27	M80	X	8.426	8.426	0	%100
28	M80	Z	-14.595	-14.595	0	%100
29	M84	X	2.618	2.618	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
30	M84	Z	-4.535	-4.535	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	1.551	1.551	0	%100
36	M34	Z	-2.687	-2.687	0	%100
37	M35	X	3.938	3.938	0	%100
38	M35	Z	-6.821	-6.821	0	%100
39	M36	X	3.938	3.938	0	%100
40	M36	Z	-6.821	-6.821	0	%100
41	M37	X	7.855	7.855	0	%100
42	M37	Z	-13.605	-13.605	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	4.362	4.362	0	%100
46	M41	Z	-7.554	-7.554	0	%100
47	M45	X	2.618	2.618	0	%100
48	M45	Z	-4.535	-4.535	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	2.618	2.618	0	%100
54	M50A	Z	-4.535	-4.535	0	%100
55	M51C	X	8	8	0	%100
56	M51C	Z	-13.857	-13.857	0	%100
57	M53	X	8.426	8.426	0	%100
58	M53	Z	-14.595	-14.595	0	%100
59	M58A	X	6.205	6.205	0	%100
60	M58A	Z	-10.748	-10.748	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	4.362	4.362	0	%100
68	M64	Z	-7.554	-7.554	0	%100
69	M65	X	4.362	4.362	0	%100
70	M65	Z	-7.554	-7.554	0	%100
71	M69	X	10.473	10.473	0	%100
72	M69	Z	-18.14	-18.14	0	%100
73	M70	X	8	8	0	%100
74	M70	Z	-13.857	-13.857	0	%100
75	M72	X	8.426	8.426	0	%100
76	M72	Z	-14.595	-14.595	0	%100
77	M74	X	10.473	10.473	0	%100
78	M74	Z	-18.14	-18.14	0	%100
79	M75	X	8	8	0	%100
80	M75	Z	-13.857	-13.857	0	%100
81	M77A	X	8.426	8.426	0	%100
82	M77A	Z	-14.595	-14.595	0	%100
83	M82	X	4.582	4.582	0	%100
84	M82	Z	-7.936	-7.936	0	%100
85	MP3C	X	4.146	4.146	0	%100
86	MP3C	Z	-7.18	-7.18	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
87	MP4C	X	4.146	4.146	0	%100
88	MP4C	Z	-7.18	-7.18	0	%100
89	MP2C	X	5.018	5.018	0	%100
90	MP2C	Z	-8.692	-8.692	0	%100
91	MP1C	X	4.146	4.146	0	%100
92	MP1C	Z	-7.18	-7.18	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	4.146	4.146	0	%100
96	MP3B	Z	-7.18	-7.18	0	%100
97	MP4B	X	4.146	4.146	0	%100
98	MP4B	Z	-7.18	-7.18	0	%100
99	MP2B	X	5.018	5.018	0	%100
100	MP2B	Z	-8.692	-8.692	0	%100
101	MP1B	X	4.146	4.146	0	%100
102	MP1B	Z	-7.18	-7.18	0	%100
103	M101	X	3.39	3.39	0	%100
104	M101	Z	-5.872	-5.872	0	%100
105	M102	X	3.764	3.764	0	%100
106	M102	Z	-6.519	-6.519	0	%100
107	M107	X	3.764	3.764	0	%100
108	M107	Z	-6.519	-6.519	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	4.142	4.142	0	%100
112	M123	Z	-7.175	-7.175	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	4.142	4.142	0	%100
116	M125	Z	-7.175	-7.175	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.645	2.645	0	%100
2	M1	Z	-1.527	-1.527	0	%100
3	M4	X	8.061	8.061	0	%100
4	M4	Z	-4.654	-4.654	0	%100
5	M10	X	2.274	2.274	0	%100
6	M10	Z	-1.313	-1.313	0	%100
7	MP3A	X	7.18	7.18	0	%100
8	MP3A	Z	-4.146	-4.146	0	%100
9	MP4A	X	7.18	7.18	0	%100
10	MP4A	Z	-4.146	-4.146	0	%100
11	MP2A	X	8.692	8.692	0	%100
12	MP2A	Z	-5.018	-5.018	0	%100
13	MP1A	X	7.18	7.18	0	%100
14	MP1A	Z	-4.146	-4.146	0	%100
15	M43	X	2.274	2.274	0	%100
16	M43	Z	-1.313	-1.313	0	%100
17	M46	X	4.535	4.535	0	%100
18	M46	Z	-2.618	-2.618	0	%100
19	M51B	X	10.073	10.073	0	%100
20	M51B	Z	-5.815	-5.815	0	%100
21	M52B	X	2.518	2.518	0	%100
22	M52B	Z	-1.454	-1.454	0	%100
23	M76	X	13.605	13.605	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
24	M76	Z	-7.855	-7.855	0	%100
25	M77	X	18.475	18.475	0	%100
26	M77	Z	-10.667	-10.667	0	%100
27	M80	X	19.46	19.46	0	%100
28	M80	Z	-11.235	-11.235	0	%100
29	M84	X	13.605	13.605	0	%100
30	M84	Z	-7.855	-7.855	0	%100
31	M85	X	4.619	4.619	0	%100
32	M85	Z	-2.667	-2.667	0	%100
33	M91	X	4.865	4.865	0	%100
34	M91	Z	-2.809	-2.809	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	9.094	9.094	0	%100
38	M35	Z	-5.251	-5.251	0	%100
39	M36	X	9.094	9.094	0	%100
40	M36	Z	-5.251	-5.251	0	%100
41	M37	X	18.14	18.14	0	%100
42	M37	Z	-10.473	-10.473	0	%100
43	M40	X	2.518	2.518	0	%100
44	M40	Z	-1.454	-1.454	0	%100
45	M41	X	2.518	2.518	0	%100
46	M41	Z	-1.454	-1.454	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	4.619	4.619	0	%100
50	M46A	Z	-2.667	-2.667	0	%100
51	M48	X	4.865	4.865	0	%100
52	M48	Z	-2.809	-2.809	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	4.619	4.619	0	%100
56	M51C	Z	-2.667	-2.667	0	%100
57	M53	X	4.865	4.865	0	%100
58	M53	Z	-2.809	-2.809	0	%100
59	M58A	X	8.061	8.061	0	%100
60	M58A	Z	-4.654	-4.654	0	%100
61	M59A	X	2.274	2.274	0	%100
62	M59A	Z	-1.313	-1.313	0	%100
63	M60	X	2.274	2.274	0	%100
64	M60	Z	-1.313	-1.313	0	%100
65	M61	X	4.535	4.535	0	%100
66	M61	Z	-2.618	-2.618	0	%100
67	M64	X	2.518	2.518	0	%100
68	M64	Z	-1.454	-1.454	0	%100
69	M65	X	10.073	10.073	0	%100
70	M65	Z	-5.815	-5.815	0	%100
71	M69	X	13.605	13.605	0	%100
72	M69	Z	-7.855	-7.855	0	%100
73	M70	X	4.619	4.619	0	%100
74	M70	Z	-2.667	-2.667	0	%100
75	M72	X	4.865	4.865	0	%100
76	M72	Z	-2.809	-2.809	0	%100
77	M74	X	13.605	13.605	0	%100
78	M74	Z	-7.855	-7.855	0	%100
79	M75	X	18.475	18.475	0	%100
80	M75	Z	-10.667	-10.667	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
81	M77A	X	19.46	19.46	0	%100
82	M77A	Z	-11.235	-11.235	0	%100
83	M82	X	10.581	10.581	0	%100
84	M82	Z	-6.109	-6.109	0	%100
85	MP3C	X	7.18	7.18	0	%100
86	MP3C	Z	-4.146	-4.146	0	%100
87	MP4C	X	7.18	7.18	0	%100
88	MP4C	Z	-4.146	-4.146	0	%100
89	MP2C	X	8.692	8.692	0	%100
90	MP2C	Z	-5.018	-5.018	0	%100
91	MP1C	X	7.18	7.18	0	%100
92	MP1C	Z	-4.146	-4.146	0	%100
93	M91A	X	2.645	2.645	0	%100
94	M91A	Z	-1.527	-1.527	0	%100
95	MP3B	X	7.18	7.18	0	%100
96	MP3B	Z	-4.146	-4.146	0	%100
97	MP4B	X	7.18	7.18	0	%100
98	MP4B	Z	-4.146	-4.146	0	%100
99	MP2B	X	8.692	8.692	0	%100
100	MP2B	Z	-5.018	-5.018	0	%100
101	MP1B	X	7.18	7.18	0	%100
102	MP1B	Z	-4.146	-4.146	0	%100
103	M101	X	5.872	5.872	0	%100
104	M101	Z	-3.39	-3.39	0	%100
105	M102	X	2.173	2.173	0	%100
106	M102	Z	-1.255	-1.255	0	%100
107	M107	X	8.692	8.692	0	%100
108	M107	Z	-5.018	-5.018	0	%100
109	M112	X	2.173	2.173	0	%100
110	M112	Z	-1.255	-1.255	0	%100
111	M123	X	9.566	9.566	0	%100
112	M123	Z	-5.523	-5.523	0	%100
113	M124	X	2.392	2.392	0	%100
114	M124	Z	-1.381	-1.381	0	%100
115	M125	X	2.392	2.392	0	%100
116	M125	Z	-1.381	-1.381	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	12.41	12.41	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	8.291	8.291	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	8.291	8.291	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	10.036	10.036	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	8.291	8.291	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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M46	Z	0	0	0	%100
19	M51B	X	8.723	8.723	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	8.723	8.723	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	20.946	20.946	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	16	16	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	16.853	16.853	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	20.946	20.946	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	16	16	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	16.853	16.853	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	3.103	3.103	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	7.876	7.876	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	7.876	7.876	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	15.709	15.709	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	8.723	8.723	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	5.236	5.236	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	16	16	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	16.853	16.853	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	5.236	5.236	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	3.103	3.103	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	7.876	7.876	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	7.876	7.876	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	15.709	15.709	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	8.723	8.723	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	5.236	5.236	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	5.236	5.236	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	16	16	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	16.853	16.853	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	9.164	9.164	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	8.291	8.291	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	8.291	8.291	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	10.036	10.036	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	8.291	8.291	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	9.164	9.164	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	8.291	8.291	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	8.291	8.291	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	10.036	10.036	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	8.291	8.291	0	%100
102	MP1B	Z	0	0	0	%100
103	M101	X	6.78	6.78	0	%100
104	M101	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	7.527	7.527	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	7.527	7.527	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	8.284	8.284	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	8.284	8.284	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.645	2.645	0	%100
2	M1	Z	1.527	1.527	0	%100
3	M4	X	8.061	8.061	0	%100
4	M4	Z	4.654	4.654	0	%100
5	M10	X	2.274	2.274	0	%100
6	M10	Z	1.313	1.313	0	%100
7	MP3A	X	7.18	7.18	0	%100
8	MP3A	Z	4.146	4.146	0	%100
9	MP4A	X	7.18	7.18	0	%100
10	MP4A	Z	4.146	4.146	0	%100
11	MP2A	X	8.692	8.692	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	5.018	5.018	0	%100
13	MP1A	X	7.18	7.18	0	%100
14	MP1A	Z	4.146	4.146	0	%100
15	M43	X	2.274	2.274	0	%100
16	M43	Z	1.313	1.313	0	%100
17	M46	X	4.535	4.535	0	%100
18	M46	Z	2.618	2.618	0	%100
19	M51B	X	2.518	2.518	0	%100
20	M51B	Z	1.454	1.454	0	%100
21	M52B	X	10.073	10.073	0	%100
22	M52B	Z	5.815	5.815	0	%100
23	M76	X	13.605	13.605	0	%100
24	M76	Z	7.855	7.855	0	%100
25	M77	X	4.619	4.619	0	%100
26	M77	Z	2.667	2.667	0	%100
27	M80	X	4.865	4.865	0	%100
28	M80	Z	2.809	2.809	0	%100
29	M84	X	13.605	13.605	0	%100
30	M84	Z	7.855	7.855	0	%100
31	M85	X	18.475	18.475	0	%100
32	M85	Z	10.667	10.667	0	%100
33	M91	X	19.46	19.46	0	%100
34	M91	Z	11.235	11.235	0	%100
35	M34	X	8.061	8.061	0	%100
36	M34	Z	4.654	4.654	0	%100
37	M35	X	2.274	2.274	0	%100
38	M35	Z	1.313	1.313	0	%100
39	M36	X	2.274	2.274	0	%100
40	M36	Z	1.313	1.313	0	%100
41	M37	X	4.535	4.535	0	%100
42	M37	Z	2.618	2.618	0	%100
43	M40	X	10.073	10.073	0	%100
44	M40	Z	5.815	5.815	0	%100
45	M41	X	2.518	2.518	0	%100
46	M41	Z	1.454	1.454	0	%100
47	M45	X	13.605	13.605	0	%100
48	M45	Z	7.855	7.855	0	%100
49	M46A	X	18.475	18.475	0	%100
50	M46A	Z	10.667	10.667	0	%100
51	M48	X	19.46	19.46	0	%100
52	M48	Z	11.235	11.235	0	%100
53	M50A	X	13.605	13.605	0	%100
54	M50A	Z	7.855	7.855	0	%100
55	M51C	X	4.619	4.619	0	%100
56	M51C	Z	2.667	2.667	0	%100
57	M53	X	4.865	4.865	0	%100
58	M53	Z	2.809	2.809	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	9.094	9.094	0	%100
62	M59A	Z	5.251	5.251	0	%100
63	M60	X	9.094	9.094	0	%100
64	M60	Z	5.251	5.251	0	%100
65	M61	X	18.14	18.14	0	%100
66	M61	Z	10.473	10.473	0	%100
67	M64	X	2.518	2.518	0	%100
68	M64	Z	1.454	1.454	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
69	M65	X	2.518	2.518	0	%100
70	M65	Z	1.454	1.454	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	4.619	4.619	0	%100
74	M70	Z	2.667	2.667	0	%100
75	M72	X	4.865	4.865	0	%100
76	M72	Z	2.809	2.809	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	4.619	4.619	0	%100
80	M75	Z	2.667	2.667	0	%100
81	M77A	X	4.865	4.865	0	%100
82	M77A	Z	2.809	2.809	0	%100
83	M82	X	2.645	2.645	0	%100
84	M82	Z	1.527	1.527	0	%100
85	MP3C	X	7.18	7.18	0	%100
86	MP3C	Z	4.146	4.146	0	%100
87	MP4C	X	7.18	7.18	0	%100
88	MP4C	Z	4.146	4.146	0	%100
89	MP2C	X	8.692	8.692	0	%100
90	MP2C	Z	5.018	5.018	0	%100
91	MP1C	X	7.18	7.18	0	%100
92	MP1C	Z	4.146	4.146	0	%100
93	M91A	X	10.581	10.581	0	%100
94	M91A	Z	6.109	6.109	0	%100
95	MP3B	X	7.18	7.18	0	%100
96	MP3B	Z	4.146	4.146	0	%100
97	MP4B	X	7.18	7.18	0	%100
98	MP4B	Z	4.146	4.146	0	%100
99	MP2B	X	8.692	8.692	0	%100
100	MP2B	Z	5.018	5.018	0	%100
101	MP1B	X	7.18	7.18	0	%100
102	MP1B	Z	4.146	4.146	0	%100
103	M101	X	5.872	5.872	0	%100
104	M101	Z	3.39	3.39	0	%100
105	M102	X	2.173	2.173	0	%100
106	M102	Z	1.255	1.255	0	%100
107	M107	X	2.173	2.173	0	%100
108	M107	Z	1.255	1.255	0	%100
109	M112	X	8.692	8.692	0	%100
110	M112	Z	5.018	5.018	0	%100
111	M123	X	2.392	2.392	0	%100
112	M123	Z	1.381	1.381	0	%100
113	M124	X	9.566	9.566	0	%100
114	M124	Z	5.523	5.523	0	%100
115	M125	X	2.392	2.392	0	%100
116	M125	Z	1.381	1.381	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.582	4.582	0	%100
2	M1	Z	7.936	7.936	0	%100
3	M4	X	1.551	1.551	0	%100
4	M4	Z	2.687	2.687	0	%100
5	M10	X	3.938	3.938	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
6	M10	Z	6.821	6.821	0	%100
7	MP3A	X	4.146	4.146	0	%100
8	MP3A	Z	7.18	7.18	0	%100
9	MP4A	X	4.146	4.146	0	%100
10	MP4A	Z	7.18	7.18	0	%100
11	MP2A	X	5.018	5.018	0	%100
12	MP2A	Z	8.692	8.692	0	%100
13	MP1A	X	4.146	4.146	0	%100
14	MP1A	Z	7.18	7.18	0	%100
15	M43	X	3.938	3.938	0	%100
16	M43	Z	6.821	6.821	0	%100
17	M46	X	7.855	7.855	0	%100
18	M46	Z	13.605	13.605	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	4.362	4.362	0	%100
22	M52B	Z	7.554	7.554	0	%100
23	M76	X	2.618	2.618	0	%100
24	M76	Z	4.535	4.535	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	2.618	2.618	0	%100
30	M84	Z	4.535	4.535	0	%100
31	M85	X	8	8	0	%100
32	M85	Z	13.857	13.857	0	%100
33	M91	X	8.426	8.426	0	%100
34	M91	Z	14.595	14.595	0	%100
35	M34	X	6.205	6.205	0	%100
36	M34	Z	10.748	10.748	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	4.362	4.362	0	%100
44	M40	Z	7.554	7.554	0	%100
45	M41	X	4.362	4.362	0	%100
46	M41	Z	7.554	7.554	0	%100
47	M45	X	10.473	10.473	0	%100
48	M45	Z	18.14	18.14	0	%100
49	M46A	X	8	8	0	%100
50	M46A	Z	13.857	13.857	0	%100
51	M48	X	8.426	8.426	0	%100
52	M48	Z	14.595	14.595	0	%100
53	M50A	X	10.473	10.473	0	%100
54	M50A	Z	18.14	18.14	0	%100
55	M51C	X	8	8	0	%100
56	M51C	Z	13.857	13.857	0	%100
57	M53	X	8.426	8.426	0	%100
58	M53	Z	14.595	14.595	0	%100
59	M58A	X	1.551	1.551	0	%100
60	M58A	Z	2.687	2.687	0	%100
61	M59A	X	3.938	3.938	0	%100
62	M59A	Z	6.821	6.821	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
63	M60	X	3.938	3.938	0	%100
64	M60	Z	6.821	6.821	0	%100
65	M61	X	7.855	7.855	0	%100
66	M61	Z	13.605	13.605	0	%100
67	M64	X	4.362	4.362	0	%100
68	M64	Z	7.554	7.554	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	2.618	2.618	0	%100
72	M69	Z	4.535	4.535	0	%100
73	M70	X	8	8	0	%100
74	M70	Z	13.857	13.857	0	%100
75	M72	X	8.426	8.426	0	%100
76	M72	Z	14.595	14.595	0	%100
77	M74	X	2.618	2.618	0	%100
78	M74	Z	4.535	4.535	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	MP3C	X	4.146	4.146	0	%100
86	MP3C	Z	7.18	7.18	0	%100
87	MP4C	X	4.146	4.146	0	%100
88	MP4C	Z	7.18	7.18	0	%100
89	MP2C	X	5.018	5.018	0	%100
90	MP2C	Z	8.692	8.692	0	%100
91	MP1C	X	4.146	4.146	0	%100
92	MP1C	Z	7.18	7.18	0	%100
93	M91A	X	4.582	4.582	0	%100
94	M91A	Z	7.936	7.936	0	%100
95	MP3B	X	4.146	4.146	0	%100
96	MP3B	Z	7.18	7.18	0	%100
97	MP4B	X	4.146	4.146	0	%100
98	MP4B	Z	7.18	7.18	0	%100
99	MP2B	X	5.018	5.018	0	%100
100	MP2B	Z	8.692	8.692	0	%100
101	MP1B	X	4.146	4.146	0	%100
102	MP1B	Z	7.18	7.18	0	%100
103	M101	X	3.39	3.39	0	%100
104	M101	Z	5.872	5.872	0	%100
105	M102	X	3.764	3.764	0	%100
106	M102	Z	6.519	6.519	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	3.764	3.764	0	%100
110	M112	Z	6.519	6.519	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	4.142	4.142	0	%100
114	M124	Z	7.175	7.175	0	%100
115	M125	X	4.142	4.142	0	%100
116	M125	Z	7.175	7.175	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	12.218	12.218	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	10.501	10.501	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	8.291	8.291	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	8.291	8.291	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	10.036	10.036	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	8.291	8.291	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	10.501	10.501	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	20.946	20.946	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	2.908	2.908	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	2.908	2.908	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	5.333	5.333	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	5.618	5.618	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	5.333	5.333	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	5.618	5.618	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	9.308	9.308	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	2.625	2.625	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	2.625	2.625	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	5.236	5.236	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	2.908	2.908	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	11.631	11.631	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	15.709	15.709	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	5.333	5.333	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	5.618	5.618	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	15.709	15.709	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	21.334	21.334	0	%100
57	M53	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M53	Z	22.47	22.47	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	9.308	9.308	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	2.625	2.625	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	2.625	2.625	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	5.236	5.236	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	11.631	11.631	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	2.908	2.908	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	15.709	15.709	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	21.334	21.334	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	22.47	22.47	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	15.709	15.709	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	5.333	5.333	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	5.618	5.618	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	3.055	3.055	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	8.291	8.291	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	8.291	8.291	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	10.036	10.036	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	8.291	8.291	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	3.055	3.055	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	8.291	8.291	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	8.291	8.291	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	10.036	10.036	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	8.291	8.291	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	6.78	6.78	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	10.036	10.036	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	2.509	2.509	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	2.509	2.509	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	2.761	2.761	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	2.761	2.761	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M125	X	0	0	0	%100
116	M125	Z	11.046	11.046	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.582	-4.582	0	%100
2	M1	Z	7.936	7.936	0	%100
3	M4	X	-1.551	-1.551	0	%100
4	M4	Z	2.687	2.687	0	%100
5	M10	X	-3.938	-3.938	0	%100
6	M10	Z	6.821	6.821	0	%100
7	MP3A	X	-4.146	-4.146	0	%100
8	MP3A	Z	7.18	7.18	0	%100
9	MP4A	X	-4.146	-4.146	0	%100
10	MP4A	Z	7.18	7.18	0	%100
11	MP2A	X	-5.018	-5.018	0	%100
12	MP2A	Z	8.692	8.692	0	%100
13	MP1A	X	-4.146	-4.146	0	%100
14	MP1A	Z	7.18	7.18	0	%100
15	M43	X	-3.938	-3.938	0	%100
16	M43	Z	6.821	6.821	0	%100
17	M46	X	-7.855	-7.855	0	%100
18	M46	Z	13.605	13.605	0	%100
19	M51B	X	-4.362	-4.362	0	%100
20	M51B	Z	7.554	7.554	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-2.618	-2.618	0	%100
24	M76	Z	4.535	4.535	0	%100
25	M77	X	-8	-8	0	%100
26	M77	Z	13.857	13.857	0	%100
27	M80	X	-8.426	-8.426	0	%100
28	M80	Z	14.595	14.595	0	%100
29	M84	X	-2.618	-2.618	0	%100
30	M84	Z	4.535	4.535	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	-1.551	-1.551	0	%100
36	M34	Z	2.687	2.687	0	%100
37	M35	X	-3.938	-3.938	0	%100
38	M35	Z	6.821	6.821	0	%100
39	M36	X	-3.938	-3.938	0	%100
40	M36	Z	6.821	6.821	0	%100
41	M37	X	-7.855	-7.855	0	%100
42	M37	Z	13.605	13.605	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-4.362	-4.362	0	%100
46	M41	Z	7.554	7.554	0	%100
47	M45	X	-2.618	-2.618	0	%100
48	M45	Z	4.535	4.535	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 48 : Structure Wo (210 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	M48	Z	0	0	0	%100
53	M50A	X	-2.618	-2.618	0	%100
54	M50A	Z	4.535	4.535	0	%100
55	M51C	X	-8	-8	0	%100
56	M51C	Z	13.857	13.857	0	%100
57	M53	X	-8.426	-8.426	0	%100
58	M53	Z	14.595	14.595	0	%100
59	M58A	X	-6.205	-6.205	0	%100
60	M58A	Z	10.748	10.748	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	-4.362	-4.362	0	%100
68	M64	Z	7.554	7.554	0	%100
69	M65	X	-4.362	-4.362	0	%100
70	M65	Z	7.554	7.554	0	%100
71	M69	X	-10.473	-10.473	0	%100
72	M69	Z	18.14	18.14	0	%100
73	M70	X	-8	-8	0	%100
74	M70	Z	13.857	13.857	0	%100
75	M72	X	-8.426	-8.426	0	%100
76	M72	Z	14.595	14.595	0	%100
77	M74	X	-10.473	-10.473	0	%100
78	M74	Z	18.14	18.14	0	%100
79	M75	X	-8	-8	0	%100
80	M75	Z	13.857	13.857	0	%100
81	M77A	X	-8.426	-8.426	0	%100
82	M77A	Z	14.595	14.595	0	%100
83	M82	X	-4.582	-4.582	0	%100
84	M82	Z	7.936	7.936	0	%100
85	MP3C	X	-4.146	-4.146	0	%100
86	MP3C	Z	7.18	7.18	0	%100
87	MP4C	X	-4.146	-4.146	0	%100
88	MP4C	Z	7.18	7.18	0	%100
89	MP2C	X	-5.018	-5.018	0	%100
90	MP2C	Z	8.692	8.692	0	%100
91	MP1C	X	-4.146	-4.146	0	%100
92	MP1C	Z	7.18	7.18	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-4.146	-4.146	0	%100
96	MP3B	Z	7.18	7.18	0	%100
97	MP4B	X	-4.146	-4.146	0	%100
98	MP4B	Z	7.18	7.18	0	%100
99	MP2B	X	-5.018	-5.018	0	%100
100	MP2B	Z	8.692	8.692	0	%100
101	MP1B	X	-4.146	-4.146	0	%100
102	MP1B	Z	7.18	7.18	0	%100
103	M101	X	-3.39	-3.39	0	%100
104	M101	Z	5.872	5.872	0	%100
105	M102	X	-3.764	-3.764	0	%100
106	M102	Z	6.519	6.519	0	%100
107	M107	X	-3.764	-3.764	0	%100
108	M107	Z	6.519	6.519	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-4.142	-4.142	0	%100
112	M123	Z	7.175	7.175	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-4.142	-4.142	0	%100
116	M125	Z	7.175	7.175	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.645	-2.645	0	%100
2	M1	Z	1.527	1.527	0	%100
3	M4	X	-8.061	-8.061	0	%100
4	M4	Z	4.654	4.654	0	%100
5	M10	X	-2.274	-2.274	0	%100
6	M10	Z	1.313	1.313	0	%100
7	MP3A	X	-7.18	-7.18	0	%100
8	MP3A	Z	4.146	4.146	0	%100
9	MP4A	X	-7.18	-7.18	0	%100
10	MP4A	Z	4.146	4.146	0	%100
11	MP2A	X	-8.692	-8.692	0	%100
12	MP2A	Z	5.018	5.018	0	%100
13	MP1A	X	-7.18	-7.18	0	%100
14	MP1A	Z	4.146	4.146	0	%100
15	M43	X	-2.274	-2.274	0	%100
16	M43	Z	1.313	1.313	0	%100
17	M46	X	-4.535	-4.535	0	%100
18	M46	Z	2.618	2.618	0	%100
19	M51B	X	-10.073	-10.073	0	%100
20	M51B	Z	5.815	5.815	0	%100
21	M52B	X	-2.518	-2.518	0	%100
22	M52B	Z	1.454	1.454	0	%100
23	M76	X	-13.605	-13.605	0	%100
24	M76	Z	7.855	7.855	0	%100
25	M77	X	-18.475	-18.475	0	%100
26	M77	Z	10.667	10.667	0	%100
27	M80	X	-19.46	-19.46	0	%100
28	M80	Z	11.235	11.235	0	%100
29	M84	X	-13.605	-13.605	0	%100
30	M84	Z	7.855	7.855	0	%100
31	M85	X	-4.619	-4.619	0	%100
32	M85	Z	2.667	2.667	0	%100
33	M91	X	-4.865	-4.865	0	%100
34	M91	Z	2.809	2.809	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-9.094	-9.094	0	%100
38	M35	Z	5.251	5.251	0	%100
39	M36	X	-9.094	-9.094	0	%100
40	M36	Z	5.251	5.251	0	%100
41	M37	X	-18.14	-18.14	0	%100
42	M37	Z	10.473	10.473	0	%100
43	M40	X	-2.518	-2.518	0	%100
44	M40	Z	1.454	1.454	0	%100
45	M41	X	-2.518	-2.518	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M41	Z	1.454	1.454	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-4.619	-4.619	0	%100
50	M46A	Z	2.667	2.667	0	%100
51	M48	X	-4.865	-4.865	0	%100
52	M48	Z	2.809	2.809	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-4.619	-4.619	0	%100
56	M51C	Z	2.667	2.667	0	%100
57	M53	X	-4.865	-4.865	0	%100
58	M53	Z	2.809	2.809	0	%100
59	M58A	X	-8.061	-8.061	0	%100
60	M58A	Z	4.654	4.654	0	%100
61	M59A	X	-2.274	-2.274	0	%100
62	M59A	Z	1.313	1.313	0	%100
63	M60	X	-2.274	-2.274	0	%100
64	M60	Z	1.313	1.313	0	%100
65	M61	X	-4.535	-4.535	0	%100
66	M61	Z	2.618	2.618	0	%100
67	M64	X	-2.518	-2.518	0	%100
68	M64	Z	1.454	1.454	0	%100
69	M65	X	-10.073	-10.073	0	%100
70	M65	Z	5.815	5.815	0	%100
71	M69	X	-13.605	-13.605	0	%100
72	M69	Z	7.855	7.855	0	%100
73	M70	X	-4.619	-4.619	0	%100
74	M70	Z	2.667	2.667	0	%100
75	M72	X	-4.865	-4.865	0	%100
76	M72	Z	2.809	2.809	0	%100
77	M74	X	-13.605	-13.605	0	%100
78	M74	Z	7.855	7.855	0	%100
79	M75	X	-18.475	-18.475	0	%100
80	M75	Z	10.667	10.667	0	%100
81	M77A	X	-19.46	-19.46	0	%100
82	M77A	Z	11.235	11.235	0	%100
83	M82	X	-10.581	-10.581	0	%100
84	M82	Z	6.109	6.109	0	%100
85	MP3C	X	-7.18	-7.18	0	%100
86	MP3C	Z	4.146	4.146	0	%100
87	MP4C	X	-7.18	-7.18	0	%100
88	MP4C	Z	4.146	4.146	0	%100
89	MP2C	X	-8.692	-8.692	0	%100
90	MP2C	Z	5.018	5.018	0	%100
91	MP1C	X	-7.18	-7.18	0	%100
92	MP1C	Z	4.146	4.146	0	%100
93	M91A	X	-2.645	-2.645	0	%100
94	M91A	Z	1.527	1.527	0	%100
95	MP3B	X	-7.18	-7.18	0	%100
96	MP3B	Z	4.146	4.146	0	%100
97	MP4B	X	-7.18	-7.18	0	%100
98	MP4B	Z	4.146	4.146	0	%100
99	MP2B	X	-8.692	-8.692	0	%100
100	MP2B	Z	5.018	5.018	0	%100
101	MP1B	X	-7.18	-7.18	0	%100
102	MP1B	Z	4.146	4.146	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M101	X	-5.872	-5.872	0	%100
104	M101	Z	3.39	3.39	0	%100
105	M102	X	-2.173	-2.173	0	%100
106	M102	Z	1.255	1.255	0	%100
107	M107	X	-8.692	-8.692	0	%100
108	M107	Z	5.018	5.018	0	%100
109	M112	X	-2.173	-2.173	0	%100
110	M112	Z	1.255	1.255	0	%100
111	M123	X	-9.566	-9.566	0	%100
112	M123	Z	5.523	5.523	0	%100
113	M124	X	-2.392	-2.392	0	%100
114	M124	Z	1.381	1.381	0	%100
115	M125	X	-2.392	-2.392	0	%100
116	M125	Z	1.381	1.381	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-12.41	-12.41	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	-8.291	-8.291	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-8.291	-8.291	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-10.036	-10.036	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-8.291	-8.291	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	-8.723	-8.723	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-8.723	-8.723	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-20.946	-20.946	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-16	-16	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-16.853	-16.853	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-20.946	-20.946	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-16	-16	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-16.853	-16.853	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-3.103	-3.103	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-7.876	-7.876	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-7.876	-7.876	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M36	Z	0	0	0	%100
41	M37	X	-15.709	-15.709	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-8.723	-8.723	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	-5.236	-5.236	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-16	-16	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-16.853	-16.853	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-5.236	-5.236	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	-3.103	-3.103	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-7.876	-7.876	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-7.876	-7.876	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-15.709	-15.709	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	-8.723	-8.723	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-5.236	-5.236	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	-5.236	-5.236	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-16	-16	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-16.853	-16.853	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-9.164	-9.164	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-8.291	-8.291	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	-8.291	-8.291	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-10.036	-10.036	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	-8.291	-8.291	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	-9.164	-9.164	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-8.291	-8.291	0	%100
96	MP3B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	MP4B	X	-8.291	-8.291	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-10.036	-10.036	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-8.291	-8.291	0	%100
102	MP1B	Z	0	0	0	%100
103	M101	X	-6.78	-6.78	0	%100
104	M101	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	-7.527	-7.527	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-7.527	-7.527	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-8.284	-8.284	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-8.284	-8.284	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.645	-2.645	0	%100
2	M1	Z	-1.527	-1.527	0	%100
3	M4	X	-8.061	-8.061	0	%100
4	M4	Z	-4.654	-4.654	0	%100
5	M10	X	-2.274	-2.274	0	%100
6	M10	Z	-1.313	-1.313	0	%100
7	MP3A	X	-7.18	-7.18	0	%100
8	MP3A	Z	-4.146	-4.146	0	%100
9	MP4A	X	-7.18	-7.18	0	%100
10	MP4A	Z	-4.146	-4.146	0	%100
11	MP2A	X	-8.692	-8.692	0	%100
12	MP2A	Z	-5.018	-5.018	0	%100
13	MP1A	X	-7.18	-7.18	0	%100
14	MP1A	Z	-4.146	-4.146	0	%100
15	M43	X	-2.274	-2.274	0	%100
16	M43	Z	-1.313	-1.313	0	%100
17	M46	X	-4.535	-4.535	0	%100
18	M46	Z	-2.618	-2.618	0	%100
19	M51B	X	-2.518	-2.518	0	%100
20	M51B	Z	-1.454	-1.454	0	%100
21	M52B	X	-10.073	-10.073	0	%100
22	M52B	Z	-5.815	-5.815	0	%100
23	M76	X	-13.605	-13.605	0	%100
24	M76	Z	-7.855	-7.855	0	%100
25	M77	X	-4.619	-4.619	0	%100
26	M77	Z	-2.667	-2.667	0	%100
27	M80	X	-4.865	-4.865	0	%100
28	M80	Z	-2.809	-2.809	0	%100
29	M84	X	-13.605	-13.605	0	%100
30	M84	Z	-7.855	-7.855	0	%100
31	M85	X	-18.475	-18.475	0	%100
32	M85	Z	-10.667	-10.667	0	%100
33	M91	X	-19.46	-19.46	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M91	Z	-11.235	-11.235	0	%100
35	M34	X	-8.061	-8.061	0	%100
36	M34	Z	-4.654	-4.654	0	%100
37	M35	X	-2.274	-2.274	0	%100
38	M35	Z	-1.313	-1.313	0	%100
39	M36	X	-2.274	-2.274	0	%100
40	M36	Z	-1.313	-1.313	0	%100
41	M37	X	-4.535	-4.535	0	%100
42	M37	Z	-2.618	-2.618	0	%100
43	M40	X	-10.073	-10.073	0	%100
44	M40	Z	-5.815	-5.815	0	%100
45	M41	X	-2.518	-2.518	0	%100
46	M41	Z	-1.454	-1.454	0	%100
47	M45	X	-13.605	-13.605	0	%100
48	M45	Z	-7.855	-7.855	0	%100
49	M46A	X	-18.475	-18.475	0	%100
50	M46A	Z	-10.667	-10.667	0	%100
51	M48	X	-19.46	-19.46	0	%100
52	M48	Z	-11.235	-11.235	0	%100
53	M50A	X	-13.605	-13.605	0	%100
54	M50A	Z	-7.855	-7.855	0	%100
55	M51C	X	-4.619	-4.619	0	%100
56	M51C	Z	-2.667	-2.667	0	%100
57	M53	X	-4.865	-4.865	0	%100
58	M53	Z	-2.809	-2.809	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-9.094	-9.094	0	%100
62	M59A	Z	-5.251	-5.251	0	%100
63	M60	X	-9.094	-9.094	0	%100
64	M60	Z	-5.251	-5.251	0	%100
65	M61	X	-18.14	-18.14	0	%100
66	M61	Z	-10.473	-10.473	0	%100
67	M64	X	-2.518	-2.518	0	%100
68	M64	Z	-1.454	-1.454	0	%100
69	M65	X	-2.518	-2.518	0	%100
70	M65	Z	-1.454	-1.454	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-4.619	-4.619	0	%100
74	M70	Z	-2.667	-2.667	0	%100
75	M72	X	-4.865	-4.865	0	%100
76	M72	Z	-2.809	-2.809	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-4.619	-4.619	0	%100
80	M75	Z	-2.667	-2.667	0	%100
81	M77A	X	-4.865	-4.865	0	%100
82	M77A	Z	-2.809	-2.809	0	%100
83	M82	X	-2.645	-2.645	0	%100
84	M82	Z	-1.527	-1.527	0	%100
85	MP3C	X	-7.18	-7.18	0	%100
86	MP3C	Z	-4.146	-4.146	0	%100
87	MP4C	X	-7.18	-7.18	0	%100
88	MP4C	Z	-4.146	-4.146	0	%100
89	MP2C	X	-8.692	-8.692	0	%100
90	MP2C	Z	-5.018	-5.018	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP1C	X	-7.18	-7.18	0	%100
92	MP1C	Z	-4.146	-4.146	0	%100
93	M91A	X	-10.581	-10.581	0	%100
94	M91A	Z	-6.109	-6.109	0	%100
95	MP3B	X	-7.18	-7.18	0	%100
96	MP3B	Z	-4.146	-4.146	0	%100
97	MP4B	X	-7.18	-7.18	0	%100
98	MP4B	Z	-4.146	-4.146	0	%100
99	MP2B	X	-8.692	-8.692	0	%100
100	MP2B	Z	-5.018	-5.018	0	%100
101	MP1B	X	-7.18	-7.18	0	%100
102	MP1B	Z	-4.146	-4.146	0	%100
103	M101	X	-5.872	-5.872	0	%100
104	M101	Z	-3.39	-3.39	0	%100
105	M102	X	-2.173	-2.173	0	%100
106	M102	Z	-1.255	-1.255	0	%100
107	M107	X	-2.173	-2.173	0	%100
108	M107	Z	-1.255	-1.255	0	%100
109	M112	X	-8.692	-8.692	0	%100
110	M112	Z	-5.018	-5.018	0	%100
111	M123	X	-2.392	-2.392	0	%100
112	M123	Z	-1.381	-1.381	0	%100
113	M124	X	-9.566	-9.566	0	%100
114	M124	Z	-5.523	-5.523	0	%100
115	M125	X	-2.392	-2.392	0	%100
116	M125	Z	-1.381	-1.381	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.582	-4.582	0	%100
2	M1	Z	-7.936	-7.936	0	%100
3	M4	X	-1.551	-1.551	0	%100
4	M4	Z	-2.687	-2.687	0	%100
5	M10	X	-3.938	-3.938	0	%100
6	M10	Z	-6.821	-6.821	0	%100
7	MP3A	X	-4.146	-4.146	0	%100
8	MP3A	Z	-7.18	-7.18	0	%100
9	MP4A	X	-4.146	-4.146	0	%100
10	MP4A	Z	-7.18	-7.18	0	%100
11	MP2A	X	-5.018	-5.018	0	%100
12	MP2A	Z	-8.692	-8.692	0	%100
13	MP1A	X	-4.146	-4.146	0	%100
14	MP1A	Z	-7.18	-7.18	0	%100
15	M43	X	-3.938	-3.938	0	%100
16	M43	Z	-6.821	-6.821	0	%100
17	M46	X	-7.855	-7.855	0	%100
18	M46	Z	-13.605	-13.605	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-4.362	-4.362	0	%100
22	M52B	Z	-7.554	-7.554	0	%100
23	M76	X	-2.618	-2.618	0	%100
24	M76	Z	-4.535	-4.535	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M80	Z	0	0	0	%100
29	M84	X	-2.618	-2.618	0	%100
30	M84	Z	-4.535	-4.535	0	%100
31	M85	X	-8	-8	0	%100
32	M85	Z	-13.857	-13.857	0	%100
33	M91	X	-8.426	-8.426	0	%100
34	M91	Z	-14.595	-14.595	0	%100
35	M34	X	-6.205	-6.205	0	%100
36	M34	Z	-10.748	-10.748	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	-4.362	-4.362	0	%100
44	M40	Z	-7.554	-7.554	0	%100
45	M41	X	-4.362	-4.362	0	%100
46	M41	Z	-7.554	-7.554	0	%100
47	M45	X	-10.473	-10.473	0	%100
48	M45	Z	-18.14	-18.14	0	%100
49	M46A	X	-8	-8	0	%100
50	M46A	Z	-13.857	-13.857	0	%100
51	M48	X	-8.426	-8.426	0	%100
52	M48	Z	-14.595	-14.595	0	%100
53	M50A	X	-10.473	-10.473	0	%100
54	M50A	Z	-18.14	-18.14	0	%100
55	M51C	X	-8	-8	0	%100
56	M51C	Z	-13.857	-13.857	0	%100
57	M53	X	-8.426	-8.426	0	%100
58	M53	Z	-14.595	-14.595	0	%100
59	M58A	X	-1.551	-1.551	0	%100
60	M58A	Z	-2.687	-2.687	0	%100
61	M59A	X	-3.938	-3.938	0	%100
62	M59A	Z	-6.821	-6.821	0	%100
63	M60	X	-3.938	-3.938	0	%100
64	M60	Z	-6.821	-6.821	0	%100
65	M61	X	-7.855	-7.855	0	%100
66	M61	Z	-13.605	-13.605	0	%100
67	M64	X	-4.362	-4.362	0	%100
68	M64	Z	-7.554	-7.554	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-2.618	-2.618	0	%100
72	M69	Z	-4.535	-4.535	0	%100
73	M70	X	-8	-8	0	%100
74	M70	Z	-13.857	-13.857	0	%100
75	M72	X	-8.426	-8.426	0	%100
76	M72	Z	-14.595	-14.595	0	%100
77	M74	X	-2.618	-2.618	0	%100
78	M74	Z	-4.535	-4.535	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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP3C	X	-4.146	-4.146	0	%100
86	MP3C	Z	-7.18	-7.18	0	%100
87	MP4C	X	-4.146	-4.146	0	%100
88	MP4C	Z	-7.18	-7.18	0	%100
89	MP2C	X	-5.018	-5.018	0	%100
90	MP2C	Z	-8.692	-8.692	0	%100
91	MP1C	X	-4.146	-4.146	0	%100
92	MP1C	Z	-7.18	-7.18	0	%100
93	M91A	X	-4.582	-4.582	0	%100
94	M91A	Z	-7.936	-7.936	0	%100
95	MP3B	X	-4.146	-4.146	0	%100
96	MP3B	Z	-7.18	-7.18	0	%100
97	MP4B	X	-4.146	-4.146	0	%100
98	MP4B	Z	-7.18	-7.18	0	%100
99	MP2B	X	-5.018	-5.018	0	%100
100	MP2B	Z	-8.692	-8.692	0	%100
101	MP1B	X	-4.146	-4.146	0	%100
102	MP1B	Z	-7.18	-7.18	0	%100
103	M101	X	-3.39	-3.39	0	%100
104	M101	Z	-5.872	-5.872	0	%100
105	M102	X	-3.764	-3.764	0	%100
106	M102	Z	-6.519	-6.519	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-3.764	-3.764	0	%100
110	M112	Z	-6.519	-6.519	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-4.142	-4.142	0	%100
114	M124	Z	-7.175	-7.175	0	%100
115	M125	X	-4.142	-4.142	0	%100
116	M125	Z	-7.175	-7.175	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-3.545	-3.545	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	-2.908	-2.908	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-2.863	-2.863	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-2.863	-2.863	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-3.166	-3.166	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-2.863	-2.863	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-2.908	-2.908	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-4.54	-4.54	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.836	-.836	0	%100
21	M52B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M52B	Z	-.836	-.836	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	-1.134	-1.134	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-1.183	-1.183	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	-1.134	-1.134	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-1.183	-1.183	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-2.684	-2.684	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-.727	-.727	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-.727	-.727	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-1.135	-1.135	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-.836	-.836	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-3.344	-3.344	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-3.35	-3.35	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-1.134	-1.134	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-1.183	-1.183	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-3.35	-3.35	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-4.534	-4.534	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-4.732	-4.732	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-2.684	-2.684	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-.727	-.727	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-.727	-.727	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-1.135	-1.135	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-3.344	-3.344	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-.836	-.836	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-3.35	-3.35	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-4.534	-4.534	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-4.732	-4.732	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	-3.35	-3.35	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M75	X	0	0	0	%100
80	M75	Z	-1.134	-1.134	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-1.183	-1.183	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-.886	-.886	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	-2.863	-2.863	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-2.863	-2.863	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-3.166	-3.166	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-2.863	-2.863	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	-.886	-.886	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-2.863	-2.863	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-2.863	-2.863	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-3.166	-3.166	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-2.863	-2.863	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	-2.346	-2.346	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-3.166	-3.166	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	-.792	-.792	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	-.792	-.792	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-.704	-.704	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-.704	-.704	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-2.816	-2.816	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.329	1.329	0	%100
2	M1	Z	-2.303	-2.303	0	%100
3	M4	X	.447	.447	0	%100
4	M4	Z	-.775	-.775	0	%100
5	M10	X	1.09	1.09	0	%100
6	M10	Z	-1.889	-1.889	0	%100
7	MP3A	X	1.432	1.432	0	%100
8	MP3A	Z	-2.48	-2.48	0	%100
9	MP4A	X	1.432	1.432	0	%100
10	MP4A	Z	-2.48	-2.48	0	%100
11	MP2A	X	1.583	1.583	0	%100
12	MP2A	Z	-2.742	-2.742	0	%100
13	MP1A	X	1.432	1.432	0	%100
14	MP1A	Z	-2.48	-2.48	0	%100
15	M43	X	1.09	1.09	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M43	Z	-1.889	-1.889	0	%100
17	M46	X	1.702	1.702	0	%100
18	M46	Z	-2.949	-2.949	0	%100
19	M51B	X	1.254	1.254	0	%100
20	M51B	Z	-2.172	-2.172	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.558	.558	0	%100
24	M76	Z	-.967	-.967	0	%100
25	M77	X	1.7	1.7	0	%100
26	M77	Z	-2.945	-2.945	0	%100
27	M80	X	1.774	1.774	0	%100
28	M80	Z	-3.073	-3.073	0	%100
29	M84	X	.558	.558	0	%100
30	M84	Z	-.967	-.967	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	.447	.447	0	%100
36	M34	Z	-.775	-.775	0	%100
37	M35	X	1.09	1.09	0	%100
38	M35	Z	-1.889	-1.889	0	%100
39	M36	X	1.09	1.09	0	%100
40	M36	Z	-1.889	-1.889	0	%100
41	M37	X	1.702	1.702	0	%100
42	M37	Z	-2.949	-2.949	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	1.254	1.254	0	%100
46	M41	Z	-2.172	-2.172	0	%100
47	M45	X	.558	.558	0	%100
48	M45	Z	-.967	-.967	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	.558	.558	0	%100
54	M50A	Z	-.967	-.967	0	%100
55	M51C	X	1.7	1.7	0	%100
56	M51C	Z	-2.945	-2.945	0	%100
57	M53	X	1.774	1.774	0	%100
58	M53	Z	-3.073	-3.073	0	%100
59	M58A	X	1.789	1.789	0	%100
60	M58A	Z	-3.099	-3.099	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	1.254	1.254	0	%100
68	M64	Z	-2.172	-2.172	0	%100
69	M65	X	1.254	1.254	0	%100
70	M65	Z	-2.172	-2.172	0	%100
71	M69	X	2.233	2.233	0	%100
72	M69	Z	-3.869	-3.869	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M70	X	1.7	1.7	0	%100
74	M70	Z	-2.945	-2.945	0	%100
75	M72	X	1.774	1.774	0	%100
76	M72	Z	-3.073	-3.073	0	%100
77	M74	X	2.233	2.233	0	%100
78	M74	Z	-3.869	-3.869	0	%100
79	M75	X	1.7	1.7	0	%100
80	M75	Z	-2.945	-2.945	0	%100
81	M77A	X	1.774	1.774	0	%100
82	M77A	Z	-3.073	-3.073	0	%100
83	M82	X	1.329	1.329	0	%100
84	M82	Z	-2.303	-2.303	0	%100
85	MP3C	X	1.432	1.432	0	%100
86	MP3C	Z	-2.48	-2.48	0	%100
87	MP4C	X	1.432	1.432	0	%100
88	MP4C	Z	-2.48	-2.48	0	%100
89	MP2C	X	1.583	1.583	0	%100
90	MP2C	Z	-2.742	-2.742	0	%100
91	MP1C	X	1.432	1.432	0	%100
92	MP1C	Z	-2.48	-2.48	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	1.432	1.432	0	%100
96	MP3B	Z	-2.48	-2.48	0	%100
97	MP4B	X	1.432	1.432	0	%100
98	MP4B	Z	-2.48	-2.48	0	%100
99	MP2B	X	1.583	1.583	0	%100
100	MP2B	Z	-2.742	-2.742	0	%100
101	MP1B	X	1.432	1.432	0	%100
102	MP1B	Z	-2.48	-2.48	0	%100
103	M101	X	1.173	1.173	0	%100
104	M101	Z	-2.031	-2.031	0	%100
105	M102	X	1.187	1.187	0	%100
106	M102	Z	-2.057	-2.057	0	%100
107	M107	X	1.187	1.187	0	%100
108	M107	Z	-2.057	-2.057	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	1.056	1.056	0	%100
112	M123	Z	-1.829	-1.829	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	1.056	1.056	0	%100
116	M125	Z	-1.829	-1.829	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.768	.768	0	%100
2	M1	Z	-.443	-.443	0	%100
3	M4	X	2.324	2.324	0	%100
4	M4	Z	-1.342	-1.342	0	%100
5	M10	X	.63	.63	0	%100
6	M10	Z	-.363	-.363	0	%100
7	MP3A	X	2.48	2.48	0	%100
8	MP3A	Z	-1.432	-1.432	0	%100
9	MP4A	X	2.48	2.48	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	MP4A	Z	-1.432	-1.432	0	%100
11	MP2A	X	2.742	2.742	0	%100
12	MP2A	Z	-1.583	-1.583	0	%100
13	MP1A	X	2.48	2.48	0	%100
14	MP1A	Z	-1.432	-1.432	0	%100
15	M43	X	.63	.63	0	%100
16	M43	Z	-.363	-.363	0	%100
17	M46	X	.983	.983	0	%100
18	M46	Z	-.567	-.567	0	%100
19	M51B	X	2.896	2.896	0	%100
20	M51B	Z	-1.672	-1.672	0	%100
21	M52B	X	.724	.724	0	%100
22	M52B	Z	-.418	-.418	0	%100
23	M76	X	2.901	2.901	0	%100
24	M76	Z	-1.675	-1.675	0	%100
25	M77	X	3.927	3.927	0	%100
26	M77	Z	-2.267	-2.267	0	%100
27	M80	X	4.098	4.098	0	%100
28	M80	Z	-2.366	-2.366	0	%100
29	M84	X	2.901	2.901	0	%100
30	M84	Z	-1.675	-1.675	0	%100
31	M85	X	.982	.982	0	%100
32	M85	Z	-.567	-.567	0	%100
33	M91	X	1.024	1.024	0	%100
34	M91	Z	-.591	-.591	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	2.518	2.518	0	%100
38	M35	Z	-1.454	-1.454	0	%100
39	M36	X	2.518	2.518	0	%100
40	M36	Z	-1.454	-1.454	0	%100
41	M37	X	3.932	3.932	0	%100
42	M37	Z	-2.27	-2.27	0	%100
43	M40	X	.724	.724	0	%100
44	M40	Z	-.418	-.418	0	%100
45	M41	X	.724	.724	0	%100
46	M41	Z	-.418	-.418	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	.982	.982	0	%100
50	M46A	Z	-.567	-.567	0	%100
51	M48	X	1.024	1.024	0	%100
52	M48	Z	-.591	-.591	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	.982	.982	0	%100
56	M51C	Z	-.567	-.567	0	%100
57	M53	X	1.024	1.024	0	%100
58	M53	Z	-.591	-.591	0	%100
59	M58A	X	2.324	2.324	0	%100
60	M58A	Z	-1.342	-1.342	0	%100
61	M59A	X	.63	.63	0	%100
62	M59A	Z	-.363	-.363	0	%100
63	M60	X	.63	.63	0	%100
64	M60	Z	-.363	-.363	0	%100
65	M61	X	.983	.983	0	%100
66	M61	Z	-.567	-.567	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M64	X	.724	.724	0	%100
68	M64	Z	-.418	-.418	0	%100
69	M65	X	2.896	2.896	0	%100
70	M65	Z	-1.672	-1.672	0	%100
71	M69	X	2.901	2.901	0	%100
72	M69	Z	-1.675	-1.675	0	%100
73	M70	X	.982	.982	0	%100
74	M70	Z	-.567	-.567	0	%100
75	M72	X	1.024	1.024	0	%100
76	M72	Z	-.591	-.591	0	%100
77	M74	X	2.901	2.901	0	%100
78	M74	Z	-1.675	-1.675	0	%100
79	M75	X	3.927	3.927	0	%100
80	M75	Z	-2.267	-2.267	0	%100
81	M77A	X	4.098	4.098	0	%100
82	M77A	Z	-2.366	-2.366	0	%100
83	M82	X	3.07	3.07	0	%100
84	M82	Z	-1.773	-1.773	0	%100
85	MP3C	X	2.48	2.48	0	%100
86	MP3C	Z	-1.432	-1.432	0	%100
87	MP4C	X	2.48	2.48	0	%100
88	MP4C	Z	-1.432	-1.432	0	%100
89	MP2C	X	2.742	2.742	0	%100
90	MP2C	Z	-1.583	-1.583	0	%100
91	MP1C	X	2.48	2.48	0	%100
92	MP1C	Z	-1.432	-1.432	0	%100
93	M91A	X	.768	.768	0	%100
94	M91A	Z	-.443	-.443	0	%100
95	MP3B	X	2.48	2.48	0	%100
96	MP3B	Z	-1.432	-1.432	0	%100
97	MP4B	X	2.48	2.48	0	%100
98	MP4B	Z	-1.432	-1.432	0	%100
99	MP2B	X	2.742	2.742	0	%100
100	MP2B	Z	-1.583	-1.583	0	%100
101	MP1B	X	2.48	2.48	0	%100
102	MP1B	Z	-1.432	-1.432	0	%100
103	M101	X	2.031	2.031	0	%100
104	M101	Z	-1.173	-1.173	0	%100
105	M102	X	.686	.686	0	%100
106	M102	Z	-.396	-.396	0	%100
107	M107	X	2.742	2.742	0	%100
108	M107	Z	-1.583	-1.583	0	%100
109	M112	X	.686	.686	0	%100
110	M112	Z	-.396	-.396	0	%100
111	M123	X	2.439	2.439	0	%100
112	M123	Z	-1.408	-1.408	0	%100
113	M124	X	.61	.61	0	%100
114	M124	Z	-.352	-.352	0	%100
115	M125	X	.61	.61	0	%100
116	M125	Z	-.352	-.352	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	3.578	3.578	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	2.863	2.863	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	2.863	2.863	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	3.166	3.166	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	2.863	2.863	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	2.508	2.508	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	2.508	2.508	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	4.467	4.467	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	3.401	3.401	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	3.549	3.549	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	4.467	4.467	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	3.401	3.401	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	3.549	3.549	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.895	.895	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	2.181	2.181	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	2.181	2.181	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	3.405	3.405	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	2.508	2.508	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	1.117	1.117	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	3.401	3.401	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	3.549	3.549	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	1.117	1.117	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	.895	.895	0	%100
60	M58A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M59A	X	2.181	2.181	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	2.181	2.181	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	3.405	3.405	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	2.508	2.508	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	1.117	1.117	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	1.117	1.117	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	3.401	3.401	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	3.549	3.549	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	2.659	2.659	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	2.863	2.863	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	2.863	2.863	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	3.166	3.166	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	2.863	2.863	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	2.659	2.659	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	2.863	2.863	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	2.863	2.863	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	3.166	3.166	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	2.863	2.863	0	%100
102	MP1B	Z	0	0	0	%100
103	M101	X	2.346	2.346	0	%100
104	M101	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	2.375	2.375	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	2.375	2.375	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	2.112	2.112	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	2.112	2.112	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.768	.768	0	%100
2	M1	Z	.443	.443	0	%100
3	M4	X	2.324	2.324	0	%100
4	M4	Z	1.342	1.342	0	%100
5	M10	X	.63	.63	0	%100
6	M10	Z	.363	.363	0	%100
7	MP3A	X	2.48	2.48	0	%100
8	MP3A	Z	1.432	1.432	0	%100
9	MP4A	X	2.48	2.48	0	%100
10	MP4A	Z	1.432	1.432	0	%100
11	MP2A	X	2.742	2.742	0	%100
12	MP2A	Z	1.583	1.583	0	%100
13	MP1A	X	2.48	2.48	0	%100
14	MP1A	Z	1.432	1.432	0	%100
15	M43	X	.63	.63	0	%100
16	M43	Z	.363	.363	0	%100
17	M46	X	.983	.983	0	%100
18	M46	Z	.567	.567	0	%100
19	M51B	X	.724	.724	0	%100
20	M51B	Z	.418	.418	0	%100
21	M52B	X	2.896	2.896	0	%100
22	M52B	Z	1.672	1.672	0	%100
23	M76	X	2.901	2.901	0	%100
24	M76	Z	1.675	1.675	0	%100
25	M77	X	.982	.982	0	%100
26	M77	Z	.567	.567	0	%100
27	M80	X	1.024	1.024	0	%100
28	M80	Z	.591	.591	0	%100
29	M84	X	2.901	2.901	0	%100
30	M84	Z	1.675	1.675	0	%100
31	M85	X	3.927	3.927	0	%100
32	M85	Z	2.267	2.267	0	%100
33	M91	X	4.098	4.098	0	%100
34	M91	Z	2.366	2.366	0	%100
35	M34	X	2.324	2.324	0	%100
36	M34	Z	1.342	1.342	0	%100
37	M35	X	.63	.63	0	%100
38	M35	Z	.363	.363	0	%100
39	M36	X	.63	.63	0	%100
40	M36	Z	.363	.363	0	%100
41	M37	X	.983	.983	0	%100
42	M37	Z	.567	.567	0	%100
43	M40	X	2.896	2.896	0	%100
44	M40	Z	1.672	1.672	0	%100
45	M41	X	.724	.724	0	%100
46	M41	Z	.418	.418	0	%100
47	M45	X	2.901	2.901	0	%100
48	M45	Z	1.675	1.675	0	%100
49	M46A	X	3.927	3.927	0	%100
50	M46A	Z	2.267	2.267	0	%100
51	M48	X	4.098	4.098	0	%100
52	M48	Z	2.366	2.366	0	%100
53	M50A	X	2.901	2.901	0	%100
54	M50A	Z	1.675	1.675	0	%100
55	M51C	X	.982	.982	0	%100
56	M51C	Z	.567	.567	0	%100
57	M53	X	1.024	1.024	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M53	Z	.591	.591	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	2.518	2.518	0	%100
62	M59A	Z	1.454	1.454	0	%100
63	M60	X	2.518	2.518	0	%100
64	M60	Z	1.454	1.454	0	%100
65	M61	X	3.932	3.932	0	%100
66	M61	Z	2.27	2.27	0	%100
67	M64	X	.724	.724	0	%100
68	M64	Z	.418	.418	0	%100
69	M65	X	.724	.724	0	%100
70	M65	Z	.418	.418	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	.982	.982	0	%100
74	M70	Z	.567	.567	0	%100
75	M72	X	1.024	1.024	0	%100
76	M72	Z	.591	.591	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	.982	.982	0	%100
80	M75	Z	.567	.567	0	%100
81	M77A	X	1.024	1.024	0	%100
82	M77A	Z	.591	.591	0	%100
83	M82	X	.768	.768	0	%100
84	M82	Z	.443	.443	0	%100
85	MP3C	X	2.48	2.48	0	%100
86	MP3C	Z	1.432	1.432	0	%100
87	MP4C	X	2.48	2.48	0	%100
88	MP4C	Z	1.432	1.432	0	%100
89	MP2C	X	2.742	2.742	0	%100
90	MP2C	Z	1.583	1.583	0	%100
91	MP1C	X	2.48	2.48	0	%100
92	MP1C	Z	1.432	1.432	0	%100
93	M91A	X	3.07	3.07	0	%100
94	M91A	Z	1.773	1.773	0	%100
95	MP3B	X	2.48	2.48	0	%100
96	MP3B	Z	1.432	1.432	0	%100
97	MP4B	X	2.48	2.48	0	%100
98	MP4B	Z	1.432	1.432	0	%100
99	MP2B	X	2.742	2.742	0	%100
100	MP2B	Z	1.583	1.583	0	%100
101	MP1B	X	2.48	2.48	0	%100
102	MP1B	Z	1.432	1.432	0	%100
103	M101	X	2.031	2.031	0	%100
104	M101	Z	1.173	1.173	0	%100
105	M102	X	.686	.686	0	%100
106	M102	Z	.396	.396	0	%100
107	M107	X	.686	.686	0	%100
108	M107	Z	.396	.396	0	%100
109	M112	X	2.742	2.742	0	%100
110	M112	Z	1.583	1.583	0	%100
111	M123	X	.61	.61	0	%100
112	M123	Z	.352	.352	0	%100
113	M124	X	2.439	2.439	0	%100
114	M124	Z	1.408	1.408	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M125	X	.61	.61	0	%100
116	M125	Z	.352	.352	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.329	1.329	0	%100
2	M1	Z	2.303	2.303	0	%100
3	M4	X	.447	.447	0	%100
4	M4	Z	.775	.775	0	%100
5	M10	X	1.09	1.09	0	%100
6	M10	Z	1.889	1.889	0	%100
7	MP3A	X	1.432	1.432	0	%100
8	MP3A	Z	2.48	2.48	0	%100
9	MP4A	X	1.432	1.432	0	%100
10	MP4A	Z	2.48	2.48	0	%100
11	MP2A	X	1.583	1.583	0	%100
12	MP2A	Z	2.742	2.742	0	%100
13	MP1A	X	1.432	1.432	0	%100
14	MP1A	Z	2.48	2.48	0	%100
15	M43	X	1.09	1.09	0	%100
16	M43	Z	1.889	1.889	0	%100
17	M46	X	1.702	1.702	0	%100
18	M46	Z	2.949	2.949	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	1.254	1.254	0	%100
22	M52B	Z	2.172	2.172	0	%100
23	M76	X	.558	.558	0	%100
24	M76	Z	.967	.967	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	.558	.558	0	%100
30	M84	Z	.967	.967	0	%100
31	M85	X	1.7	1.7	0	%100
32	M85	Z	2.945	2.945	0	%100
33	M91	X	1.774	1.774	0	%100
34	M91	Z	3.073	3.073	0	%100
35	M34	X	1.789	1.789	0	%100
36	M34	Z	3.099	3.099	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	1.254	1.254	0	%100
44	M40	Z	2.172	2.172	0	%100
45	M41	X	1.254	1.254	0	%100
46	M41	Z	2.172	2.172	0	%100
47	M45	X	2.233	2.233	0	%100
48	M45	Z	3.869	3.869	0	%100
49	M46A	X	1.7	1.7	0	%100
50	M46A	Z	2.945	2.945	0	%100
51	M48	X	1.774	1.774	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	M48	Z	3.073	3.073	0	%100
53	M50A	X	2.233	2.233	0	%100
54	M50A	Z	3.869	3.869	0	%100
55	M51C	X	1.7	1.7	0	%100
56	M51C	Z	2.945	2.945	0	%100
57	M53	X	1.774	1.774	0	%100
58	M53	Z	3.073	3.073	0	%100
59	M58A	X	.447	.447	0	%100
60	M58A	Z	.775	.775	0	%100
61	M59A	X	1.09	1.09	0	%100
62	M59A	Z	1.889	1.889	0	%100
63	M60	X	1.09	1.09	0	%100
64	M60	Z	1.889	1.889	0	%100
65	M61	X	1.702	1.702	0	%100
66	M61	Z	2.949	2.949	0	%100
67	M64	X	1.254	1.254	0	%100
68	M64	Z	2.172	2.172	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.558	.558	0	%100
72	M69	Z	.967	.967	0	%100
73	M70	X	1.7	1.7	0	%100
74	M70	Z	2.945	2.945	0	%100
75	M72	X	1.774	1.774	0	%100
76	M72	Z	3.073	3.073	0	%100
77	M74	X	.558	.558	0	%100
78	M74	Z	.967	.967	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	MP3C	X	1.432	1.432	0	%100
86	MP3C	Z	2.48	2.48	0	%100
87	MP4C	X	1.432	1.432	0	%100
88	MP4C	Z	2.48	2.48	0	%100
89	MP2C	X	1.583	1.583	0	%100
90	MP2C	Z	2.742	2.742	0	%100
91	MP1C	X	1.432	1.432	0	%100
92	MP1C	Z	2.48	2.48	0	%100
93	M91A	X	1.329	1.329	0	%100
94	M91A	Z	2.303	2.303	0	%100
95	MP3B	X	1.432	1.432	0	%100
96	MP3B	Z	2.48	2.48	0	%100
97	MP4B	X	1.432	1.432	0	%100
98	MP4B	Z	2.48	2.48	0	%100
99	MP2B	X	1.583	1.583	0	%100
100	MP2B	Z	2.742	2.742	0	%100
101	MP1B	X	1.432	1.432	0	%100
102	MP1B	Z	2.48	2.48	0	%100
103	M101	X	1.173	1.173	0	%100
104	M101	Z	2.031	2.031	0	%100
105	M102	X	1.187	1.187	0	%100
106	M102	Z	2.057	2.057	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M112	X	1.187	1.187	0	%100
110	M112	Z	2.057	2.057	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	1.056	1.056	0	%100
114	M124	Z	1.829	1.829	0	%100
115	M125	X	1.056	1.056	0	%100
116	M125	Z	1.829	1.829	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	3.545	3.545	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	2.908	2.908	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	2.863	2.863	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	2.863	2.863	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	3.166	3.166	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	2.863	2.863	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	2.908	2.908	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	4.54	4.54	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.836	.836	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.836	.836	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	1.134	1.134	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	1.183	1.183	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	1.134	1.134	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	1.183	1.183	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	2.684	2.684	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	.727	.727	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	.727	.727	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	1.135	1.135	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	.836	.836	0	%100
45	M41	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M41	Z	3.344	3.344	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	3.35	3.35	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	1.134	1.134	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	1.183	1.183	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	3.35	3.35	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	4.534	4.534	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	4.732	4.732	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	2.684	2.684	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	.727	.727	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	.727	.727	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	1.135	1.135	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	3.344	3.344	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	.836	.836	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	3.35	3.35	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	4.534	4.534	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	4.732	4.732	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	3.35	3.35	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	1.134	1.134	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	1.183	1.183	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	.886	.886	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	2.863	2.863	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	2.863	2.863	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	3.166	3.166	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	2.863	2.863	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	.886	.886	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	2.863	2.863	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	2.863	2.863	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	3.166	3.166	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	2.863	2.863	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M101	X	0	0	0	%100
104	M101	Z	2.346	2.346	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	3.166	3.166	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	.792	.792	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	.792	.792	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	.704	.704	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	.704	.704	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	2.816	2.816	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.329	-1.329	0	%100
2	M1	Z	2.303	2.303	0	%100
3	M4	X	-.447	-.447	0	%100
4	M4	Z	.775	.775	0	%100
5	M10	X	-1.09	-1.09	0	%100
6	M10	Z	1.889	1.889	0	%100
7	MP3A	X	-1.432	-1.432	0	%100
8	MP3A	Z	2.48	2.48	0	%100
9	MP4A	X	-1.432	-1.432	0	%100
10	MP4A	Z	2.48	2.48	0	%100
11	MP2A	X	-1.583	-1.583	0	%100
12	MP2A	Z	2.742	2.742	0	%100
13	MP1A	X	-1.432	-1.432	0	%100
14	MP1A	Z	2.48	2.48	0	%100
15	M43	X	-1.09	-1.09	0	%100
16	M43	Z	1.889	1.889	0	%100
17	M46	X	-1.702	-1.702	0	%100
18	M46	Z	2.949	2.949	0	%100
19	M51B	X	-1.254	-1.254	0	%100
20	M51B	Z	2.172	2.172	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.558	-.558	0	%100
24	M76	Z	.967	.967	0	%100
25	M77	X	-1.7	-1.7	0	%100
26	M77	Z	2.945	2.945	0	%100
27	M80	X	-1.774	-1.774	0	%100
28	M80	Z	3.073	3.073	0	%100
29	M84	X	-.558	-.558	0	%100
30	M84	Z	.967	.967	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	-.447	-.447	0	%100
36	M34	Z	.775	.775	0	%100
37	M35	X	-1.09	-1.09	0	%100
38	M35	Z	1.889	1.889	0	%100
39	M36	X	-1.09	-1.09	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M36	Z	1.889	1.889	0	%100
41	M37	X	-1.702	-1.702	0	%100
42	M37	Z	2.949	2.949	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-1.254	-1.254	0	%100
46	M41	Z	2.172	2.172	0	%100
47	M45	X	-.558	-.558	0	%100
48	M45	Z	.967	.967	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	-.558	-.558	0	%100
54	M50A	Z	.967	.967	0	%100
55	M51C	X	-1.7	-1.7	0	%100
56	M51C	Z	2.945	2.945	0	%100
57	M53	X	-1.774	-1.774	0	%100
58	M53	Z	3.073	3.073	0	%100
59	M58A	X	-1.789	-1.789	0	%100
60	M58A	Z	3.099	3.099	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	-1.254	-1.254	0	%100
68	M64	Z	2.172	2.172	0	%100
69	M65	X	-1.254	-1.254	0	%100
70	M65	Z	2.172	2.172	0	%100
71	M69	X	-2.233	-2.233	0	%100
72	M69	Z	3.869	3.869	0	%100
73	M70	X	-1.7	-1.7	0	%100
74	M70	Z	2.945	2.945	0	%100
75	M72	X	-1.774	-1.774	0	%100
76	M72	Z	3.073	3.073	0	%100
77	M74	X	-2.233	-2.233	0	%100
78	M74	Z	3.869	3.869	0	%100
79	M75	X	-1.7	-1.7	0	%100
80	M75	Z	2.945	2.945	0	%100
81	M77A	X	-1.774	-1.774	0	%100
82	M77A	Z	3.073	3.073	0	%100
83	M82	X	-1.329	-1.329	0	%100
84	M82	Z	2.303	2.303	0	%100
85	MP3C	X	-1.432	-1.432	0	%100
86	MP3C	Z	2.48	2.48	0	%100
87	MP4C	X	-1.432	-1.432	0	%100
88	MP4C	Z	2.48	2.48	0	%100
89	MP2C	X	-1.583	-1.583	0	%100
90	MP2C	Z	2.742	2.742	0	%100
91	MP1C	X	-1.432	-1.432	0	%100
92	MP1C	Z	2.48	2.48	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-1.432	-1.432	0	%100
96	MP3B	Z	2.48	2.48	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	MP4B	X	-1.432	-1.432	0	%100
98	MP4B	Z	2.48	2.48	0	%100
99	MP2B	X	-1.583	-1.583	0	%100
100	MP2B	Z	2.742	2.742	0	%100
101	MP1B	X	-1.432	-1.432	0	%100
102	MP1B	Z	2.48	2.48	0	%100
103	M101	X	-1.173	-1.173	0	%100
104	M101	Z	2.031	2.031	0	%100
105	M102	X	-1.187	-1.187	0	%100
106	M102	Z	2.057	2.057	0	%100
107	M107	X	-1.187	-1.187	0	%100
108	M107	Z	2.057	2.057	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-1.056	-1.056	0	%100
112	M123	Z	1.829	1.829	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-1.056	-1.056	0	%100
116	M125	Z	1.829	1.829	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.768	-.768	0	%100
2	M1	Z	.443	.443	0	%100
3	M4	X	-2.324	-2.324	0	%100
4	M4	Z	1.342	1.342	0	%100
5	M10	X	-.63	-.63	0	%100
6	M10	Z	.363	.363	0	%100
7	MP3A	X	-2.48	-2.48	0	%100
8	MP3A	Z	1.432	1.432	0	%100
9	MP4A	X	-2.48	-2.48	0	%100
10	MP4A	Z	1.432	1.432	0	%100
11	MP2A	X	-2.742	-2.742	0	%100
12	MP2A	Z	1.583	1.583	0	%100
13	MP1A	X	-2.48	-2.48	0	%100
14	MP1A	Z	1.432	1.432	0	%100
15	M43	X	-.63	-.63	0	%100
16	M43	Z	.363	.363	0	%100
17	M46	X	-.983	-.983	0	%100
18	M46	Z	.567	.567	0	%100
19	M51B	X	-2.896	-2.896	0	%100
20	M51B	Z	1.672	1.672	0	%100
21	M52B	X	-.724	-.724	0	%100
22	M52B	Z	.418	.418	0	%100
23	M76	X	-2.901	-2.901	0	%100
24	M76	Z	1.675	1.675	0	%100
25	M77	X	-3.927	-3.927	0	%100
26	M77	Z	2.267	2.267	0	%100
27	M80	X	-4.098	-4.098	0	%100
28	M80	Z	2.366	2.366	0	%100
29	M84	X	-2.901	-2.901	0	%100
30	M84	Z	1.675	1.675	0	%100
31	M85	X	-.982	-.982	0	%100
32	M85	Z	.567	.567	0	%100
33	M91	X	-1.024	-1.024	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M91	Z	.591	.591	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-2.518	-2.518	0	%100
38	M35	Z	1.454	1.454	0	%100
39	M36	X	-2.518	-2.518	0	%100
40	M36	Z	1.454	1.454	0	%100
41	M37	X	-3.932	-3.932	0	%100
42	M37	Z	2.27	2.27	0	%100
43	M40	X	-.724	-.724	0	%100
44	M40	Z	.418	.418	0	%100
45	M41	X	-.724	-.724	0	%100
46	M41	Z	.418	.418	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-.982	-.982	0	%100
50	M46A	Z	.567	.567	0	%100
51	M48	X	-1.024	-1.024	0	%100
52	M48	Z	.591	.591	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-.982	-.982	0	%100
56	M51C	Z	.567	.567	0	%100
57	M53	X	-1.024	-1.024	0	%100
58	M53	Z	.591	.591	0	%100
59	M58A	X	-2.324	-2.324	0	%100
60	M58A	Z	1.342	1.342	0	%100
61	M59A	X	-.63	-.63	0	%100
62	M59A	Z	.363	.363	0	%100
63	M60	X	-.63	-.63	0	%100
64	M60	Z	.363	.363	0	%100
65	M61	X	-.983	-.983	0	%100
66	M61	Z	.567	.567	0	%100
67	M64	X	-.724	-.724	0	%100
68	M64	Z	.418	.418	0	%100
69	M65	X	-2.896	-2.896	0	%100
70	M65	Z	1.672	1.672	0	%100
71	M69	X	-2.901	-2.901	0	%100
72	M69	Z	1.675	1.675	0	%100
73	M70	X	-.982	-.982	0	%100
74	M70	Z	.567	.567	0	%100
75	M72	X	-1.024	-1.024	0	%100
76	M72	Z	.591	.591	0	%100
77	M74	X	-2.901	-2.901	0	%100
78	M74	Z	1.675	1.675	0	%100
79	M75	X	-3.927	-3.927	0	%100
80	M75	Z	2.267	2.267	0	%100
81	M77A	X	-4.098	-4.098	0	%100
82	M77A	Z	2.366	2.366	0	%100
83	M82	X	-3.07	-3.07	0	%100
84	M82	Z	1.773	1.773	0	%100
85	MP3C	X	-2.48	-2.48	0	%100
86	MP3C	Z	1.432	1.432	0	%100
87	MP4C	X	-2.48	-2.48	0	%100
88	MP4C	Z	1.432	1.432	0	%100
89	MP2C	X	-2.742	-2.742	0	%100
90	MP2C	Z	1.583	1.583	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP1C	X	-2.48	-2.48	0	%100
92	MP1C	Z	1.432	1.432	0	%100
93	M91A	X	-.768	-.768	0	%100
94	M91A	Z	.443	.443	0	%100
95	MP3B	X	-2.48	-2.48	0	%100
96	MP3B	Z	1.432	1.432	0	%100
97	MP4B	X	-2.48	-2.48	0	%100
98	MP4B	Z	1.432	1.432	0	%100
99	MP2B	X	-2.742	-2.742	0	%100
100	MP2B	Z	1.583	1.583	0	%100
101	MP1B	X	-2.48	-2.48	0	%100
102	MP1B	Z	1.432	1.432	0	%100
103	M101	X	-2.031	-2.031	0	%100
104	M101	Z	1.173	1.173	0	%100
105	M102	X	-.686	-.686	0	%100
106	M102	Z	.396	.396	0	%100
107	M107	X	-2.742	-2.742	0	%100
108	M107	Z	1.583	1.583	0	%100
109	M112	X	-.686	-.686	0	%100
110	M112	Z	.396	.396	0	%100
111	M123	X	-2.439	-2.439	0	%100
112	M123	Z	1.408	1.408	0	%100
113	M124	X	-.61	-.61	0	%100
114	M124	Z	.352	.352	0	%100
115	M125	X	-.61	-.61	0	%100
116	M125	Z	.352	.352	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-3.578	-3.578	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	-2.863	-2.863	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-2.863	-2.863	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-3.166	-3.166	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-2.863	-2.863	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	-2.508	-2.508	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-2.508	-2.508	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-4.467	-4.467	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-3.401	-3.401	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-3.549	-3.549	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M80	Z	0	0	0	%100
29	M84	X	-4.467	-4.467	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-3.401	-3.401	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-3.549	-3.549	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.895	-.895	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-2.181	-2.181	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-2.181	-2.181	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-3.405	-3.405	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-2.508	-2.508	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	-1.117	-1.117	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-3.401	-3.401	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-3.549	-3.549	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-1.117	-1.117	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	-.895	-.895	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-2.181	-2.181	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-2.181	-2.181	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-3.405	-3.405	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	-2.508	-2.508	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-1.117	-1.117	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	-1.117	-1.117	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-3.401	-3.401	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-3.549	-3.549	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-2.659	-2.659	0	%100
84	M82	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP3C	X	-2.863	-2.863	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	-2.863	-2.863	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-3.166	-3.166	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	-2.863	-2.863	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	-2.659	-2.659	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-2.863	-2.863	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-2.863	-2.863	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-3.166	-3.166	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-2.863	-2.863	0	%100
102	MP1B	Z	0	0	0	%100
103	M101	X	-2.346	-2.346	0	%100
104	M101	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	-2.375	-2.375	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-2.375	-2.375	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-2.112	-2.112	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-2.112	-2.112	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.768	-.768	0	%100
2	M1	Z	-.443	-.443	0	%100
3	M4	X	-2.324	-2.324	0	%100
4	M4	Z	-1.342	-1.342	0	%100
5	M10	X	-.63	-.63	0	%100
6	M10	Z	-.363	-.363	0	%100
7	MP3A	X	-2.48	-2.48	0	%100
8	MP3A	Z	-1.432	-1.432	0	%100
9	MP4A	X	-2.48	-2.48	0	%100
10	MP4A	Z	-1.432	-1.432	0	%100
11	MP2A	X	-2.742	-2.742	0	%100
12	MP2A	Z	-1.583	-1.583	0	%100
13	MP1A	X	-2.48	-2.48	0	%100
14	MP1A	Z	-1.432	-1.432	0	%100
15	M43	X	-.63	-.63	0	%100
16	M43	Z	-.363	-.363	0	%100
17	M46	X	-.983	-.983	0	%100
18	M46	Z	-.567	-.567	0	%100
19	M51B	X	-.724	-.724	0	%100
20	M51B	Z	-.418	-.418	0	%100
21	M52B	X	-2.896	-2.896	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M52B	Z	-1.672	-1.672	0	%100
23	M76	X	-2.901	-2.901	0	%100
24	M76	Z	-1.675	-1.675	0	%100
25	M77	X	-.982	-.982	0	%100
26	M77	Z	-.567	-.567	0	%100
27	M80	X	-1.024	-1.024	0	%100
28	M80	Z	-.591	-.591	0	%100
29	M84	X	-2.901	-2.901	0	%100
30	M84	Z	-1.675	-1.675	0	%100
31	M85	X	-3.927	-3.927	0	%100
32	M85	Z	-2.267	-2.267	0	%100
33	M91	X	-4.098	-4.098	0	%100
34	M91	Z	-2.366	-2.366	0	%100
35	M34	X	-2.324	-2.324	0	%100
36	M34	Z	-1.342	-1.342	0	%100
37	M35	X	-.63	-.63	0	%100
38	M35	Z	-.363	-.363	0	%100
39	M36	X	-.63	-.63	0	%100
40	M36	Z	-.363	-.363	0	%100
41	M37	X	-.983	-.983	0	%100
42	M37	Z	-.567	-.567	0	%100
43	M40	X	-2.896	-2.896	0	%100
44	M40	Z	-1.672	-1.672	0	%100
45	M41	X	-.724	-.724	0	%100
46	M41	Z	-.418	-.418	0	%100
47	M45	X	-2.901	-2.901	0	%100
48	M45	Z	-1.675	-1.675	0	%100
49	M46A	X	-3.927	-3.927	0	%100
50	M46A	Z	-2.267	-2.267	0	%100
51	M48	X	-4.098	-4.098	0	%100
52	M48	Z	-2.366	-2.366	0	%100
53	M50A	X	-2.901	-2.901	0	%100
54	M50A	Z	-1.675	-1.675	0	%100
55	M51C	X	-.982	-.982	0	%100
56	M51C	Z	-.567	-.567	0	%100
57	M53	X	-1.024	-1.024	0	%100
58	M53	Z	-.591	-.591	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-2.518	-2.518	0	%100
62	M59A	Z	-1.454	-1.454	0	%100
63	M60	X	-2.518	-2.518	0	%100
64	M60	Z	-1.454	-1.454	0	%100
65	M61	X	-3.932	-3.932	0	%100
66	M61	Z	-2.27	-2.27	0	%100
67	M64	X	-.724	-.724	0	%100
68	M64	Z	-.418	-.418	0	%100
69	M65	X	-.724	-.724	0	%100
70	M65	Z	-.418	-.418	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-.982	-.982	0	%100
74	M70	Z	-.567	-.567	0	%100
75	M72	X	-1.024	-1.024	0	%100
76	M72	Z	-.591	-.591	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	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,F...	Start Location[ft,%]	End Location[ft,%]
79	M75	X	-.982	-.982	0	%100
80	M75	Z	-.567	-.567	0	%100
81	M77A	X	-1.024	-1.024	0	%100
82	M77A	Z	-.591	-.591	0	%100
83	M82	X	-.768	-.768	0	%100
84	M82	Z	-.443	-.443	0	%100
85	MP3C	X	-2.48	-2.48	0	%100
86	MP3C	Z	-1.432	-1.432	0	%100
87	MP4C	X	-2.48	-2.48	0	%100
88	MP4C	Z	-1.432	-1.432	0	%100
89	MP2C	X	-2.742	-2.742	0	%100
90	MP2C	Z	-1.583	-1.583	0	%100
91	MP1C	X	-2.48	-2.48	0	%100
92	MP1C	Z	-1.432	-1.432	0	%100
93	M91A	X	-3.07	-3.07	0	%100
94	M91A	Z	-1.773	-1.773	0	%100
95	MP3B	X	-2.48	-2.48	0	%100
96	MP3B	Z	-1.432	-1.432	0	%100
97	MP4B	X	-2.48	-2.48	0	%100
98	MP4B	Z	-1.432	-1.432	0	%100
99	MP2B	X	-2.742	-2.742	0	%100
100	MP2B	Z	-1.583	-1.583	0	%100
101	MP1B	X	-2.48	-2.48	0	%100
102	MP1B	Z	-1.432	-1.432	0	%100
103	M101	X	-2.031	-2.031	0	%100
104	M101	Z	-1.173	-1.173	0	%100
105	M102	X	-.686	-.686	0	%100
106	M102	Z	-.396	-.396	0	%100
107	M107	X	-.686	-.686	0	%100
108	M107	Z	-.396	-.396	0	%100
109	M112	X	-2.742	-2.742	0	%100
110	M112	Z	-1.583	-1.583	0	%100
111	M123	X	-.61	-.61	0	%100
112	M123	Z	-.352	-.352	0	%100
113	M124	X	-2.439	-2.439	0	%100
114	M124	Z	-1.408	-1.408	0	%100
115	M125	X	-.61	-.61	0	%100
116	M125	Z	-.352	-.352	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.329	-1.329	0	%100
2	M1	Z	-2.303	-2.303	0	%100
3	M4	X	-.447	-.447	0	%100
4	M4	Z	-.775	-.775	0	%100
5	M10	X	-1.09	-1.09	0	%100
6	M10	Z	-1.889	-1.889	0	%100
7	MP3A	X	-1.432	-1.432	0	%100
8	MP3A	Z	-2.48	-2.48	0	%100
9	MP4A	X	-1.432	-1.432	0	%100
10	MP4A	Z	-2.48	-2.48	0	%100
11	MP2A	X	-1.583	-1.583	0	%100
12	MP2A	Z	-2.742	-2.742	0	%100
13	MP1A	X	-1.432	-1.432	0	%100
14	MP1A	Z	-2.48	-2.48	0	%100
15	M43	X	-1.09	-1.09	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M43	Z	-1.889	-1.889	0	%100
17	M46	X	-1.702	-1.702	0	%100
18	M46	Z	-2.949	-2.949	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-1.254	-1.254	0	%100
22	M52B	Z	-2.172	-2.172	0	%100
23	M76	X	-.558	-.558	0	%100
24	M76	Z	-.967	-.967	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	-.558	-.558	0	%100
30	M84	Z	-.967	-.967	0	%100
31	M85	X	-1.7	-1.7	0	%100
32	M85	Z	-2.945	-2.945	0	%100
33	M91	X	-1.774	-1.774	0	%100
34	M91	Z	-3.073	-3.073	0	%100
35	M34	X	-1.789	-1.789	0	%100
36	M34	Z	-3.099	-3.099	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	-1.254	-1.254	0	%100
44	M40	Z	-2.172	-2.172	0	%100
45	M41	X	-1.254	-1.254	0	%100
46	M41	Z	-2.172	-2.172	0	%100
47	M45	X	-2.233	-2.233	0	%100
48	M45	Z	-3.869	-3.869	0	%100
49	M46A	X	-1.7	-1.7	0	%100
50	M46A	Z	-2.945	-2.945	0	%100
51	M48	X	-1.774	-1.774	0	%100
52	M48	Z	-3.073	-3.073	0	%100
53	M50A	X	-2.233	-2.233	0	%100
54	M50A	Z	-3.869	-3.869	0	%100
55	M51C	X	-1.7	-1.7	0	%100
56	M51C	Z	-2.945	-2.945	0	%100
57	M53	X	-1.774	-1.774	0	%100
58	M53	Z	-3.073	-3.073	0	%100
59	M58A	X	-.447	-.447	0	%100
60	M58A	Z	-.775	-.775	0	%100
61	M59A	X	-1.09	-1.09	0	%100
62	M59A	Z	-1.889	-1.889	0	%100
63	M60	X	-1.09	-1.09	0	%100
64	M60	Z	-1.889	-1.889	0	%100
65	M61	X	-1.702	-1.702	0	%100
66	M61	Z	-2.949	-2.949	0	%100
67	M64	X	-1.254	-1.254	0	%100
68	M64	Z	-2.172	-2.172	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-.558	-.558	0	%100
72	M69	Z	-.967	-.967	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M70	X	-1.7	-1.7	0	%100
74	M70	Z	-2.945	-2.945	0	%100
75	M72	X	-1.774	-1.774	0	%100
76	M72	Z	-3.073	-3.073	0	%100
77	M74	X	-.558	-.558	0	%100
78	M74	Z	-.967	-.967	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	MP3C	X	-1.432	-1.432	0	%100
86	MP3C	Z	-2.48	-2.48	0	%100
87	MP4C	X	-1.432	-1.432	0	%100
88	MP4C	Z	-2.48	-2.48	0	%100
89	MP2C	X	-1.583	-1.583	0	%100
90	MP2C	Z	-2.742	-2.742	0	%100
91	MP1C	X	-1.432	-1.432	0	%100
92	MP1C	Z	-2.48	-2.48	0	%100
93	M91A	X	-1.329	-1.329	0	%100
94	M91A	Z	-2.303	-2.303	0	%100
95	MP3B	X	-1.432	-1.432	0	%100
96	MP3B	Z	-2.48	-2.48	0	%100
97	MP4B	X	-1.432	-1.432	0	%100
98	MP4B	Z	-2.48	-2.48	0	%100
99	MP2B	X	-1.583	-1.583	0	%100
100	MP2B	Z	-2.742	-2.742	0	%100
101	MP1B	X	-1.432	-1.432	0	%100
102	MP1B	Z	-2.48	-2.48	0	%100
103	M101	X	-1.173	-1.173	0	%100
104	M101	Z	-2.031	-2.031	0	%100
105	M102	X	-1.187	-1.187	0	%100
106	M102	Z	-2.057	-2.057	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-1.187	-1.187	0	%100
110	M112	Z	-2.057	-2.057	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-1.056	-1.056	0	%100
114	M124	Z	-1.829	-1.829	0	%100
115	M125	X	-1.056	-1.056	0	%100
116	M125	Z	-1.829	-1.829	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.764	-.764	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	-.656	-.656	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-.518	-.518	0	%100
9	MP4A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	MP4A	Z	-.518	-.518	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-.627	-.627	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-.518	-.518	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-.656	-.656	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-1.309	-1.309	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.182	-.182	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.182	-.182	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	-.333	-.333	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-.351	-.351	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	-.333	-.333	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-.351	-.351	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-.582	-.582	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-.164	-.164	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-.164	-.164	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-.327	-.327	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-.182	-.182	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-.727	-.727	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-.982	-.982	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-.333	-.333	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-.351	-.351	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-.982	-.982	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-1.333	-1.333	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-1.404	-1.404	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-.582	-.582	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-.164	-.164	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-.164	-.164	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-.327	-.327	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M64	X	0	0	0	%100
68	M64	Z	-.727	-.727	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-.182	-.182	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-.982	-.982	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-1.333	-1.333	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-1.404	-1.404	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	-.982	-.982	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	-.333	-.333	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-.351	-.351	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-.191	-.191	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	-.518	-.518	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-.518	-.518	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-.627	-.627	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-.518	-.518	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	-.191	-.191	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-.518	-.518	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-.518	-.518	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-.627	-.627	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-.518	-.518	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	-.424	-.424	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-.627	-.627	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	-.157	-.157	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	-.157	-.157	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-.173	-.173	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-.173	-.173	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-.69	-.69	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.286	.286	0	%100
2	M1	Z	-.496	-.496	0	%100
3	M4	X	.097	.097	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M4	Z	-.168	-.168	0	%100
5	M10	X	.246	.246	0	%100
6	M10	Z	-.426	-.426	0	%100
7	MP3A	X	.259	.259	0	%100
8	MP3A	Z	-.449	-.449	0	%100
9	MP4A	X	.259	.259	0	%100
10	MP4A	Z	-.449	-.449	0	%100
11	MP2A	X	.314	.314	0	%100
12	MP2A	Z	-.543	-.543	0	%100
13	MP1A	X	.259	.259	0	%100
14	MP1A	Z	-.449	-.449	0	%100
15	M43	X	.246	.246	0	%100
16	M43	Z	-.426	-.426	0	%100
17	M46	X	.491	.491	0	%100
18	M46	Z	-.85	-.85	0	%100
19	M51B	X	.273	.273	0	%100
20	M51B	Z	-.472	-.472	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.164	.164	0	%100
24	M76	Z	-.283	-.283	0	%100
25	M77	X	.5	.5	0	%100
26	M77	Z	-.866	-.866	0	%100
27	M80	X	.527	.527	0	%100
28	M80	Z	-.912	-.912	0	%100
29	M84	X	.164	.164	0	%100
30	M84	Z	-.283	-.283	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	.097	.097	0	%100
36	M34	Z	-.168	-.168	0	%100
37	M35	X	.246	.246	0	%100
38	M35	Z	-.426	-.426	0	%100
39	M36	X	.246	.246	0	%100
40	M36	Z	-.426	-.426	0	%100
41	M37	X	.491	.491	0	%100
42	M37	Z	-.85	-.85	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	.273	.273	0	%100
46	M41	Z	-.472	-.472	0	%100
47	M45	X	.164	.164	0	%100
48	M45	Z	-.283	-.283	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	.164	.164	0	%100
54	M50A	Z	-.283	-.283	0	%100
55	M51C	X	.5	.5	0	%100
56	M51C	Z	-.866	-.866	0	%100
57	M53	X	.527	.527	0	%100
58	M53	Z	-.912	-.912	0	%100
59	M58A	X	.388	.388	0	%100
60	M58A	Z	-.672	-.672	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
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	.273	.273	0	%100
68	M64	Z	-.472	-.472	0	%100
69	M65	X	.273	.273	0	%100
70	M65	Z	-.472	-.472	0	%100
71	M69	X	.655	.655	0	%100
72	M69	Z	-1.134	-1.134	0	%100
73	M70	X	.5	.5	0	%100
74	M70	Z	-.866	-.866	0	%100
75	M72	X	.527	.527	0	%100
76	M72	Z	-.912	-.912	0	%100
77	M74	X	.655	.655	0	%100
78	M74	Z	-1.134	-1.134	0	%100
79	M75	X	.5	.5	0	%100
80	M75	Z	-.866	-.866	0	%100
81	M77A	X	.527	.527	0	%100
82	M77A	Z	-.912	-.912	0	%100
83	M82	X	.286	.286	0	%100
84	M82	Z	-.496	-.496	0	%100
85	MP3C	X	.259	.259	0	%100
86	MP3C	Z	-.449	-.449	0	%100
87	MP4C	X	.259	.259	0	%100
88	MP4C	Z	-.449	-.449	0	%100
89	MP2C	X	.314	.314	0	%100
90	MP2C	Z	-.543	-.543	0	%100
91	MP1C	X	.259	.259	0	%100
92	MP1C	Z	-.449	-.449	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	.259	.259	0	%100
96	MP3B	Z	-.449	-.449	0	%100
97	MP4B	X	.259	.259	0	%100
98	MP4B	Z	-.449	-.449	0	%100
99	MP2B	X	.314	.314	0	%100
100	MP2B	Z	-.543	-.543	0	%100
101	MP1B	X	.259	.259	0	%100
102	MP1B	Z	-.449	-.449	0	%100
103	M101	X	.212	.212	0	%100
104	M101	Z	-.367	-.367	0	%100
105	M102	X	.235	.235	0	%100
106	M102	Z	-.407	-.407	0	%100
107	M107	X	.235	.235	0	%100
108	M107	Z	-.407	-.407	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	.259	.259	0	%100
112	M123	Z	-.448	-.448	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	.259	.259	0	%100
116	M125	Z	-.448	-.448	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.165	.165	0	%100
2	M1	Z	-.095	-.095	0	%100
3	M4	X	.504	.504	0	%100
4	M4	Z	-.291	-.291	0	%100
5	M10	X	.142	.142	0	%100
6	M10	Z	-.082	-.082	0	%100
7	MP3A	X	.449	.449	0	%100
8	MP3A	Z	-.259	-.259	0	%100
9	MP4A	X	.449	.449	0	%100
10	MP4A	Z	-.259	-.259	0	%100
11	MP2A	X	.543	.543	0	%100
12	MP2A	Z	-.314	-.314	0	%100
13	MP1A	X	.449	.449	0	%100
14	MP1A	Z	-.259	-.259	0	%100
15	M43	X	.142	.142	0	%100
16	M43	Z	-.082	-.082	0	%100
17	M46	X	.283	.283	0	%100
18	M46	Z	-.164	-.164	0	%100
19	M51B	X	.63	.63	0	%100
20	M51B	Z	-.363	-.363	0	%100
21	M52B	X	.157	.157	0	%100
22	M52B	Z	-.091	-.091	0	%100
23	M76	X	.85	.85	0	%100
24	M76	Z	-.491	-.491	0	%100
25	M77	X	1.155	1.155	0	%100
26	M77	Z	-.667	-.667	0	%100
27	M80	X	1.216	1.216	0	%100
28	M80	Z	-.702	-.702	0	%100
29	M84	X	.85	.85	0	%100
30	M84	Z	-.491	-.491	0	%100
31	M85	X	.289	.289	0	%100
32	M85	Z	-.167	-.167	0	%100
33	M91	X	.304	.304	0	%100
34	M91	Z	-.176	-.176	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	.568	.568	0	%100
38	M35	Z	-.328	-.328	0	%100
39	M36	X	.568	.568	0	%100
40	M36	Z	-.328	-.328	0	%100
41	M37	X	1.134	1.134	0	%100
42	M37	Z	-.655	-.655	0	%100
43	M40	X	.157	.157	0	%100
44	M40	Z	-.091	-.091	0	%100
45	M41	X	.157	.157	0	%100
46	M41	Z	-.091	-.091	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	.289	.289	0	%100
50	M46A	Z	-.167	-.167	0	%100
51	M48	X	.304	.304	0	%100
52	M48	Z	-.176	-.176	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	.289	.289	0	%100
56	M51C	Z	-.167	-.167	0	%100
57	M53	X	.304	.304	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M53	Z	-.176	-.176	0	%100
59	M58A	X	.504	.504	0	%100
60	M58A	Z	-.291	-.291	0	%100
61	M59A	X	.142	.142	0	%100
62	M59A	Z	-.082	-.082	0	%100
63	M60	X	.142	.142	0	%100
64	M60	Z	-.082	-.082	0	%100
65	M61	X	.283	.283	0	%100
66	M61	Z	-.164	-.164	0	%100
67	M64	X	.157	.157	0	%100
68	M64	Z	-.091	-.091	0	%100
69	M65	X	.63	.63	0	%100
70	M65	Z	-.363	-.363	0	%100
71	M69	X	.85	.85	0	%100
72	M69	Z	-.491	-.491	0	%100
73	M70	X	.289	.289	0	%100
74	M70	Z	-.167	-.167	0	%100
75	M72	X	.304	.304	0	%100
76	M72	Z	-.176	-.176	0	%100
77	M74	X	.85	.85	0	%100
78	M74	Z	-.491	-.491	0	%100
79	M75	X	1.155	1.155	0	%100
80	M75	Z	-.667	-.667	0	%100
81	M77A	X	1.216	1.216	0	%100
82	M77A	Z	-.702	-.702	0	%100
83	M82	X	.661	.661	0	%100
84	M82	Z	-.382	-.382	0	%100
85	MP3C	X	.449	.449	0	%100
86	MP3C	Z	-.259	-.259	0	%100
87	MP4C	X	.449	.449	0	%100
88	MP4C	Z	-.259	-.259	0	%100
89	MP2C	X	.543	.543	0	%100
90	MP2C	Z	-.314	-.314	0	%100
91	MP1C	X	.449	.449	0	%100
92	MP1C	Z	-.259	-.259	0	%100
93	M91A	X	.165	.165	0	%100
94	M91A	Z	-.095	-.095	0	%100
95	MP3B	X	.449	.449	0	%100
96	MP3B	Z	-.259	-.259	0	%100
97	MP4B	X	.449	.449	0	%100
98	MP4B	Z	-.259	-.259	0	%100
99	MP2B	X	.543	.543	0	%100
100	MP2B	Z	-.314	-.314	0	%100
101	MP1B	X	.449	.449	0	%100
102	MP1B	Z	-.259	-.259	0	%100
103	M101	X	.367	.367	0	%100
104	M101	Z	-.212	-.212	0	%100
105	M102	X	.136	.136	0	%100
106	M102	Z	-.078	-.078	0	%100
107	M107	X	.543	.543	0	%100
108	M107	Z	-.314	-.314	0	%100
109	M112	X	.136	.136	0	%100
110	M112	Z	-.078	-.078	0	%100
111	M123	X	.598	.598	0	%100
112	M123	Z	-.345	-.345	0	%100
113	M124	X	.149	.149	0	%100
114	M124	Z	-.086	-.086	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M125	X	.149	.149	0	%100
116	M125	Z	-.086	-.086	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.776	.776	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	.518	.518	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	.518	.518	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	.627	.627	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	.518	.518	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	.545	.545	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.545	.545	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	1.309	1.309	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	1	1	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	1.053	1.053	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	1.309	1.309	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	1	1	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	1.053	1.053	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.194	.194	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	.492	.492	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	.492	.492	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	.982	.982	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	.545	.545	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	.327	.327	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	1	1	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	1.053	1.053	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	M48	Z	0	0	0	%100
53	M50A	X	.327	.327	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	.194	.194	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	.492	.492	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	.492	.492	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	.982	.982	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	.545	.545	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.327	.327	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	.327	.327	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	1	1	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	1.053	1.053	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	.573	.573	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	.518	.518	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	.518	.518	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	.627	.627	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	.518	.518	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	.573	.573	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	.518	.518	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	.518	.518	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	.627	.627	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	.518	.518	0	%100
102	MP1B	Z	0	0	0	%100
103	M101	X	.424	.424	0	%100
104	M101	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	.47	.47	0	%100
108	M107	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M112	X	.47	.47	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	.518	.518	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	.518	.518	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.165	.165	0	%100
2	M1	Z	.095	.095	0	%100
3	M4	X	.504	.504	0	%100
4	M4	Z	.291	.291	0	%100
5	M10	X	.142	.142	0	%100
6	M10	Z	.082	.082	0	%100
7	MP3A	X	.449	.449	0	%100
8	MP3A	Z	.259	.259	0	%100
9	MP4A	X	.449	.449	0	%100
10	MP4A	Z	.259	.259	0	%100
11	MP2A	X	.543	.543	0	%100
12	MP2A	Z	.314	.314	0	%100
13	MP1A	X	.449	.449	0	%100
14	MP1A	Z	.259	.259	0	%100
15	M43	X	.142	.142	0	%100
16	M43	Z	.082	.082	0	%100
17	M46	X	.283	.283	0	%100
18	M46	Z	.164	.164	0	%100
19	M51B	X	.157	.157	0	%100
20	M51B	Z	.091	.091	0	%100
21	M52B	X	.63	.63	0	%100
22	M52B	Z	.363	.363	0	%100
23	M76	X	.85	.85	0	%100
24	M76	Z	.491	.491	0	%100
25	M77	X	.289	.289	0	%100
26	M77	Z	.167	.167	0	%100
27	M80	X	.304	.304	0	%100
28	M80	Z	.176	.176	0	%100
29	M84	X	.85	.85	0	%100
30	M84	Z	.491	.491	0	%100
31	M85	X	1.155	1.155	0	%100
32	M85	Z	.667	.667	0	%100
33	M91	X	1.216	1.216	0	%100
34	M91	Z	.702	.702	0	%100
35	M34	X	.504	.504	0	%100
36	M34	Z	.291	.291	0	%100
37	M35	X	.142	.142	0	%100
38	M35	Z	.082	.082	0	%100
39	M36	X	.142	.142	0	%100
40	M36	Z	.082	.082	0	%100
41	M37	X	.283	.283	0	%100
42	M37	Z	.164	.164	0	%100
43	M40	X	.63	.63	0	%100
44	M40	Z	.363	.363	0	%100
45	M41	X	.157	.157	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M41	Z	.091	.091	0	%100
47	M45	X	.85	.85	0	%100
48	M45	Z	.491	.491	0	%100
49	M46A	X	1.155	1.155	0	%100
50	M46A	Z	.667	.667	0	%100
51	M48	X	1.216	1.216	0	%100
52	M48	Z	.702	.702	0	%100
53	M50A	X	.85	.85	0	%100
54	M50A	Z	.491	.491	0	%100
55	M51C	X	.289	.289	0	%100
56	M51C	Z	.167	.167	0	%100
57	M53	X	.304	.304	0	%100
58	M53	Z	.176	.176	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	.568	.568	0	%100
62	M59A	Z	.328	.328	0	%100
63	M60	X	.568	.568	0	%100
64	M60	Z	.328	.328	0	%100
65	M61	X	1.134	1.134	0	%100
66	M61	Z	.655	.655	0	%100
67	M64	X	.157	.157	0	%100
68	M64	Z	.091	.091	0	%100
69	M65	X	.157	.157	0	%100
70	M65	Z	.091	.091	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	.289	.289	0	%100
74	M70	Z	.167	.167	0	%100
75	M72	X	.304	.304	0	%100
76	M72	Z	.176	.176	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	.289	.289	0	%100
80	M75	Z	.167	.167	0	%100
81	M77A	X	.304	.304	0	%100
82	M77A	Z	.176	.176	0	%100
83	M82	X	.165	.165	0	%100
84	M82	Z	.095	.095	0	%100
85	MP3C	X	.449	.449	0	%100
86	MP3C	Z	.259	.259	0	%100
87	MP4C	X	.449	.449	0	%100
88	MP4C	Z	.259	.259	0	%100
89	MP2C	X	.543	.543	0	%100
90	MP2C	Z	.314	.314	0	%100
91	MP1C	X	.449	.449	0	%100
92	MP1C	Z	.259	.259	0	%100
93	M91A	X	.661	.661	0	%100
94	M91A	Z	.382	.382	0	%100
95	MP3B	X	.449	.449	0	%100
96	MP3B	Z	.259	.259	0	%100
97	MP4B	X	.449	.449	0	%100
98	MP4B	Z	.259	.259	0	%100
99	MP2B	X	.543	.543	0	%100
100	MP2B	Z	.314	.314	0	%100
101	MP1B	X	.449	.449	0	%100
102	MP1B	Z	.259	.259	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M101	X	.367	.367	0	%100
104	M101	Z	.212	.212	0	%100
105	M102	X	.136	.136	0	%100
106	M102	Z	.078	.078	0	%100
107	M107	X	.136	.136	0	%100
108	M107	Z	.078	.078	0	%100
109	M112	X	.543	.543	0	%100
110	M112	Z	.314	.314	0	%100
111	M123	X	.149	.149	0	%100
112	M123	Z	.086	.086	0	%100
113	M124	X	.598	.598	0	%100
114	M124	Z	.345	.345	0	%100
115	M125	X	.149	.149	0	%100
116	M125	Z	.086	.086	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.286	.286	0	%100
2	M1	Z	.496	.496	0	%100
3	M4	X	.097	.097	0	%100
4	M4	Z	.168	.168	0	%100
5	M10	X	.246	.246	0	%100
6	M10	Z	.426	.426	0	%100
7	MP3A	X	.259	.259	0	%100
8	MP3A	Z	.449	.449	0	%100
9	MP4A	X	.259	.259	0	%100
10	MP4A	Z	.449	.449	0	%100
11	MP2A	X	.314	.314	0	%100
12	MP2A	Z	.543	.543	0	%100
13	MP1A	X	.259	.259	0	%100
14	MP1A	Z	.449	.449	0	%100
15	M43	X	.246	.246	0	%100
16	M43	Z	.426	.426	0	%100
17	M46	X	.491	.491	0	%100
18	M46	Z	.85	.85	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.273	.273	0	%100
22	M52B	Z	.472	.472	0	%100
23	M76	X	.164	.164	0	%100
24	M76	Z	.283	.283	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	.164	.164	0	%100
30	M84	Z	.283	.283	0	%100
31	M85	X	.5	.5	0	%100
32	M85	Z	.866	.866	0	%100
33	M91	X	.527	.527	0	%100
34	M91	Z	.912	.912	0	%100
35	M34	X	.388	.388	0	%100
36	M34	Z	.672	.672	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	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,F...	Start Location[ft,%]	End Location[ft,%]
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	.273	.273	0	%100
44	M40	Z	.472	.472	0	%100
45	M41	X	.273	.273	0	%100
46	M41	Z	.472	.472	0	%100
47	M45	X	.655	.655	0	%100
48	M45	Z	1.134	1.134	0	%100
49	M46A	X	.5	.5	0	%100
50	M46A	Z	.866	.866	0	%100
51	M48	X	.527	.527	0	%100
52	M48	Z	.912	.912	0	%100
53	M50A	X	.655	.655	0	%100
54	M50A	Z	1.134	1.134	0	%100
55	M51C	X	.5	.5	0	%100
56	M51C	Z	.866	.866	0	%100
57	M53	X	.527	.527	0	%100
58	M53	Z	.912	.912	0	%100
59	M58A	X	.097	.097	0	%100
60	M58A	Z	.168	.168	0	%100
61	M59A	X	.246	.246	0	%100
62	M59A	Z	.426	.426	0	%100
63	M60	X	.246	.246	0	%100
64	M60	Z	.426	.426	0	%100
65	M61	X	.491	.491	0	%100
66	M61	Z	.85	.85	0	%100
67	M64	X	.273	.273	0	%100
68	M64	Z	.472	.472	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.164	.164	0	%100
72	M69	Z	.283	.283	0	%100
73	M70	X	.5	.5	0	%100
74	M70	Z	.866	.866	0	%100
75	M72	X	.527	.527	0	%100
76	M72	Z	.912	.912	0	%100
77	M74	X	.164	.164	0	%100
78	M74	Z	.283	.283	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	MP3C	X	.259	.259	0	%100
86	MP3C	Z	.449	.449	0	%100
87	MP4C	X	.259	.259	0	%100
88	MP4C	Z	.449	.449	0	%100
89	MP2C	X	.314	.314	0	%100
90	MP2C	Z	.543	.543	0	%100
91	MP1C	X	.259	.259	0	%100
92	MP1C	Z	.449	.449	0	%100
93	M91A	X	.286	.286	0	%100
94	M91A	Z	.496	.496	0	%100
95	MP3B	X	.259	.259	0	%100
96	MP3B	Z	.449	.449	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	MP4B	X	.259	.259	0	%100
98	MP4B	Z	.449	.449	0	%100
99	MP2B	X	.314	.314	0	%100
100	MP2B	Z	.543	.543	0	%100
101	MP1B	X	.259	.259	0	%100
102	MP1B	Z	.449	.449	0	%100
103	M101	X	.212	.212	0	%100
104	M101	Z	.367	.367	0	%100
105	M102	X	.235	.235	0	%100
106	M102	Z	.407	.407	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	.235	.235	0	%100
110	M112	Z	.407	.407	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	.259	.259	0	%100
114	M124	Z	.448	.448	0	%100
115	M125	X	.259	.259	0	%100
116	M125	Z	.448	.448	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.764	.764	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	.656	.656	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	.518	.518	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	.518	.518	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	.627	.627	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	.518	.518	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	.656	.656	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	1.309	1.309	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.182	.182	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.182	.182	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	.333	.333	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	.351	.351	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	.333	.333	0	%100
33	M91	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M91	Z	.351	.351	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	.582	.582	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	.164	.164	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	.164	.164	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	.327	.327	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	.182	.182	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	.727	.727	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	.982	.982	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	.333	.333	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	.351	.351	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	.982	.982	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	1.333	1.333	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	1.404	1.404	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	.582	.582	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	.164	.164	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	.164	.164	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	.327	.327	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	.727	.727	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	.182	.182	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	.982	.982	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	1.333	1.333	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	1.404	1.404	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	.982	.982	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	.333	.333	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	.351	.351	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	.191	.191	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	.518	.518	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	.518	.518	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	.627	.627	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP1C	X	0	0	0	%100
92	MP1C	Z	.518	.518	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	.191	.191	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	.518	.518	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	.518	.518	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	.627	.627	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	.518	.518	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	.424	.424	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	.627	.627	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	.157	.157	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	.157	.157	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	.173	.173	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	.173	.173	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	.69	.69	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.286	-.286	0	%100
2	M1	Z	.496	.496	0	%100
3	M4	X	-.097	-.097	0	%100
4	M4	Z	.168	.168	0	%100
5	M10	X	-.246	-.246	0	%100
6	M10	Z	.426	.426	0	%100
7	MP3A	X	-.259	-.259	0	%100
8	MP3A	Z	.449	.449	0	%100
9	MP4A	X	-.259	-.259	0	%100
10	MP4A	Z	.449	.449	0	%100
11	MP2A	X	-.314	-.314	0	%100
12	MP2A	Z	.543	.543	0	%100
13	MP1A	X	-.259	-.259	0	%100
14	MP1A	Z	.449	.449	0	%100
15	M43	X	-.246	-.246	0	%100
16	M43	Z	.426	.426	0	%100
17	M46	X	-.491	-.491	0	%100
18	M46	Z	.85	.85	0	%100
19	M51B	X	-.273	-.273	0	%100
20	M51B	Z	.472	.472	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.164	-.164	0	%100
24	M76	Z	.283	.283	0	%100
25	M77	X	-.5	-.5	0	%100
26	M77	Z	.866	.866	0	%100
27	M80	X	-.527	-.527	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M80	Z	.912	.912	0	%100
29	M84	X	-.164	-.164	0	%100
30	M84	Z	.283	.283	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	-.097	-.097	0	%100
36	M34	Z	.168	.168	0	%100
37	M35	X	-.246	-.246	0	%100
38	M35	Z	.426	.426	0	%100
39	M36	X	-.246	-.246	0	%100
40	M36	Z	.426	.426	0	%100
41	M37	X	-.491	-.491	0	%100
42	M37	Z	.85	.85	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-.273	-.273	0	%100
46	M41	Z	.472	.472	0	%100
47	M45	X	-.164	-.164	0	%100
48	M45	Z	.283	.283	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	-.164	-.164	0	%100
54	M50A	Z	.283	.283	0	%100
55	M51C	X	-.5	-.5	0	%100
56	M51C	Z	.866	.866	0	%100
57	M53	X	-.527	-.527	0	%100
58	M53	Z	.912	.912	0	%100
59	M58A	X	-.388	-.388	0	%100
60	M58A	Z	.672	.672	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	-.273	-.273	0	%100
68	M64	Z	.472	.472	0	%100
69	M65	X	-.273	-.273	0	%100
70	M65	Z	.472	.472	0	%100
71	M69	X	-.655	-.655	0	%100
72	M69	Z	1.134	1.134	0	%100
73	M70	X	-.5	-.5	0	%100
74	M70	Z	.866	.866	0	%100
75	M72	X	-.527	-.527	0	%100
76	M72	Z	.912	.912	0	%100
77	M74	X	-.655	-.655	0	%100
78	M74	Z	1.134	1.134	0	%100
79	M75	X	-.5	-.5	0	%100
80	M75	Z	.866	.866	0	%100
81	M77A	X	-.527	-.527	0	%100
82	M77A	Z	.912	.912	0	%100
83	M82	X	-.286	-.286	0	%100
84	M82	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,F...	Start Location[ft,%]	End Location[ft,%]
85	MP3C	X	-.259	-.259	0	%100
86	MP3C	Z	.449	.449	0	%100
87	MP4C	X	-.259	-.259	0	%100
88	MP4C	Z	.449	.449	0	%100
89	MP2C	X	-.314	-.314	0	%100
90	MP2C	Z	.543	.543	0	%100
91	MP1C	X	-.259	-.259	0	%100
92	MP1C	Z	.449	.449	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-.259	-.259	0	%100
96	MP3B	Z	.449	.449	0	%100
97	MP4B	X	-.259	-.259	0	%100
98	MP4B	Z	.449	.449	0	%100
99	MP2B	X	-.314	-.314	0	%100
100	MP2B	Z	.543	.543	0	%100
101	MP1B	X	-.259	-.259	0	%100
102	MP1B	Z	.449	.449	0	%100
103	M101	X	-.212	-.212	0	%100
104	M101	Z	.367	.367	0	%100
105	M102	X	-.235	-.235	0	%100
106	M102	Z	.407	.407	0	%100
107	M107	X	-.235	-.235	0	%100
108	M107	Z	.407	.407	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-.259	-.259	0	%100
112	M123	Z	.448	.448	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-.259	-.259	0	%100
116	M125	Z	.448	.448	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.165	-.165	0	%100
2	M1	Z	.095	.095	0	%100
3	M4	X	-.504	-.504	0	%100
4	M4	Z	.291	.291	0	%100
5	M10	X	-.142	-.142	0	%100
6	M10	Z	.082	.082	0	%100
7	MP3A	X	-.449	-.449	0	%100
8	MP3A	Z	.259	.259	0	%100
9	MP4A	X	-.449	-.449	0	%100
10	MP4A	Z	.259	.259	0	%100
11	MP2A	X	-.543	-.543	0	%100
12	MP2A	Z	.314	.314	0	%100
13	MP1A	X	-.449	-.449	0	%100
14	MP1A	Z	.259	.259	0	%100
15	M43	X	-.142	-.142	0	%100
16	M43	Z	.082	.082	0	%100
17	M46	X	-.283	-.283	0	%100
18	M46	Z	.164	.164	0	%100
19	M51B	X	-.63	-.63	0	%100
20	M51B	Z	.363	.363	0	%100
21	M52B	X	-.157	-.157	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M52B	Z	.091	.091	0	%100
23	M76	X	-.85	-.85	0	%100
24	M76	Z	.491	.491	0	%100
25	M77	X	-1.155	-1.155	0	%100
26	M77	Z	.667	.667	0	%100
27	M80	X	-1.216	-1.216	0	%100
28	M80	Z	.702	.702	0	%100
29	M84	X	-.85	-.85	0	%100
30	M84	Z	.491	.491	0	%100
31	M85	X	-.289	-.289	0	%100
32	M85	Z	.167	.167	0	%100
33	M91	X	-.304	-.304	0	%100
34	M91	Z	.176	.176	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-.568	-.568	0	%100
38	M35	Z	.328	.328	0	%100
39	M36	X	-.568	-.568	0	%100
40	M36	Z	.328	.328	0	%100
41	M37	X	-1.134	-1.134	0	%100
42	M37	Z	.655	.655	0	%100
43	M40	X	-.157	-.157	0	%100
44	M40	Z	.091	.091	0	%100
45	M41	X	-.157	-.157	0	%100
46	M41	Z	.091	.091	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-.289	-.289	0	%100
50	M46A	Z	.167	.167	0	%100
51	M48	X	-.304	-.304	0	%100
52	M48	Z	.176	.176	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-.289	-.289	0	%100
56	M51C	Z	.167	.167	0	%100
57	M53	X	-.304	-.304	0	%100
58	M53	Z	.176	.176	0	%100
59	M58A	X	-.504	-.504	0	%100
60	M58A	Z	.291	.291	0	%100
61	M59A	X	-.142	-.142	0	%100
62	M59A	Z	.082	.082	0	%100
63	M60	X	-.142	-.142	0	%100
64	M60	Z	.082	.082	0	%100
65	M61	X	-.283	-.283	0	%100
66	M61	Z	.164	.164	0	%100
67	M64	X	-.157	-.157	0	%100
68	M64	Z	.091	.091	0	%100
69	M65	X	-.63	-.63	0	%100
70	M65	Z	.363	.363	0	%100
71	M69	X	-.85	-.85	0	%100
72	M69	Z	.491	.491	0	%100
73	M70	X	-.289	-.289	0	%100
74	M70	Z	.167	.167	0	%100
75	M72	X	-.304	-.304	0	%100
76	M72	Z	.176	.176	0	%100
77	M74	X	-.85	-.85	0	%100
78	M74	Z	.491	.491	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M75	X	-1.155	-1.155	0	%100
80	M75	Z	.667	.667	0	%100
81	M77A	X	-1.216	-1.216	0	%100
82	M77A	Z	.702	.702	0	%100
83	M82	X	-.661	-.661	0	%100
84	M82	Z	.382	.382	0	%100
85	MP3C	X	-.449	-.449	0	%100
86	MP3C	Z	.259	.259	0	%100
87	MP4C	X	-.449	-.449	0	%100
88	MP4C	Z	.259	.259	0	%100
89	MP2C	X	-.543	-.543	0	%100
90	MP2C	Z	.314	.314	0	%100
91	MP1C	X	-.449	-.449	0	%100
92	MP1C	Z	.259	.259	0	%100
93	M91A	X	-.165	-.165	0	%100
94	M91A	Z	.095	.095	0	%100
95	MP3B	X	-.449	-.449	0	%100
96	MP3B	Z	.259	.259	0	%100
97	MP4B	X	-.449	-.449	0	%100
98	MP4B	Z	.259	.259	0	%100
99	MP2B	X	-.543	-.543	0	%100
100	MP2B	Z	.314	.314	0	%100
101	MP1B	X	-.449	-.449	0	%100
102	MP1B	Z	.259	.259	0	%100
103	M101	X	-.367	-.367	0	%100
104	M101	Z	.212	.212	0	%100
105	M102	X	-.136	-.136	0	%100
106	M102	Z	.078	.078	0	%100
107	M107	X	-.543	-.543	0	%100
108	M107	Z	.314	.314	0	%100
109	M112	X	-.136	-.136	0	%100
110	M112	Z	.078	.078	0	%100
111	M123	X	-.598	-.598	0	%100
112	M123	Z	.345	.345	0	%100
113	M124	X	-.149	-.149	0	%100
114	M124	Z	.086	.086	0	%100
115	M125	X	-.149	-.149	0	%100
116	M125	Z	.086	.086	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.776	-.776	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	-.518	-.518	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-.518	-.518	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-.627	-.627	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-.518	-.518	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-.545	-.545	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.545	-.545	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-1.309	-1.309	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-1	-1	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-1.053	-1.053	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-1.309	-1.309	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-1	-1	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-1.053	-1.053	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.194	-.194	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-.492	-.492	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-.492	-.492	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-.982	-.982	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-.545	-.545	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	-.327	-.327	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-1	-1	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-1.053	-1.053	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-.327	-.327	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	-.194	-.194	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-.492	-.492	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-.492	-.492	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-.982	-.982	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	-.545	-.545	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-.327	-.327	0	%100
72	M69	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
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	-.327	-.327	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-1	-1	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-1.053	-1.053	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-.573	-.573	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-.518	-.518	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	-.518	-.518	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-.627	-.627	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	-.518	-.518	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	-.573	-.573	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-.518	-.518	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-.518	-.518	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-.627	-.627	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-.518	-.518	0	%100
102	MP1B	Z	0	0	0	%100
103	M101	X	-.424	-.424	0	%100
104	M101	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	-.47	-.47	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-.47	-.47	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-.518	-.518	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-.518	-.518	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.165	-.165	0	%100
2	M1	Z	-.095	-.095	0	%100
3	M4	X	-.504	-.504	0	%100
4	M4	Z	-.291	-.291	0	%100
5	M10	X	-.142	-.142	0	%100
6	M10	Z	-.082	-.082	0	%100
7	MP3A	X	-.449	-.449	0	%100
8	MP3A	Z	-.259	-.259	0	%100
9	MP4A	X	-.449	-.449	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	MP4A	Z	-.259	-.259	0	%100
11	MP2A	X	-.543	-.543	0	%100
12	MP2A	Z	-.314	-.314	0	%100
13	MP1A	X	-.449	-.449	0	%100
14	MP1A	Z	-.259	-.259	0	%100
15	M43	X	-.142	-.142	0	%100
16	M43	Z	-.082	-.082	0	%100
17	M46	X	-.283	-.283	0	%100
18	M46	Z	-.164	-.164	0	%100
19	M51B	X	-.157	-.157	0	%100
20	M51B	Z	-.091	-.091	0	%100
21	M52B	X	-.63	-.63	0	%100
22	M52B	Z	-.363	-.363	0	%100
23	M76	X	-.85	-.85	0	%100
24	M76	Z	-.491	-.491	0	%100
25	M77	X	-.289	-.289	0	%100
26	M77	Z	-.167	-.167	0	%100
27	M80	X	-.304	-.304	0	%100
28	M80	Z	-.176	-.176	0	%100
29	M84	X	-.85	-.85	0	%100
30	M84	Z	-.491	-.491	0	%100
31	M85	X	-1.155	-1.155	0	%100
32	M85	Z	-.667	-.667	0	%100
33	M91	X	-1.216	-1.216	0	%100
34	M91	Z	-.702	-.702	0	%100
35	M34	X	-.504	-.504	0	%100
36	M34	Z	-.291	-.291	0	%100
37	M35	X	-.142	-.142	0	%100
38	M35	Z	-.082	-.082	0	%100
39	M36	X	-.142	-.142	0	%100
40	M36	Z	-.082	-.082	0	%100
41	M37	X	-.283	-.283	0	%100
42	M37	Z	-.164	-.164	0	%100
43	M40	X	-.63	-.63	0	%100
44	M40	Z	-.363	-.363	0	%100
45	M41	X	-.157	-.157	0	%100
46	M41	Z	-.091	-.091	0	%100
47	M45	X	-.85	-.85	0	%100
48	M45	Z	-.491	-.491	0	%100
49	M46A	X	-1.155	-1.155	0	%100
50	M46A	Z	-.667	-.667	0	%100
51	M48	X	-1.216	-1.216	0	%100
52	M48	Z	-.702	-.702	0	%100
53	M50A	X	-.85	-.85	0	%100
54	M50A	Z	-.491	-.491	0	%100
55	M51C	X	-.289	-.289	0	%100
56	M51C	Z	-.167	-.167	0	%100
57	M53	X	-.304	-.304	0	%100
58	M53	Z	-.176	-.176	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-.568	-.568	0	%100
62	M59A	Z	-.328	-.328	0	%100
63	M60	X	-.568	-.568	0	%100
64	M60	Z	-.328	-.328	0	%100
65	M61	X	-1.134	-1.134	0	%100
66	M61	Z	-.655	-.655	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M64	X	-.157	-.157	0	%100
68	M64	Z	-.091	-.091	0	%100
69	M65	X	-.157	-.157	0	%100
70	M65	Z	-.091	-.091	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-.289	-.289	0	%100
74	M70	Z	-.167	-.167	0	%100
75	M72	X	-.304	-.304	0	%100
76	M72	Z	-.176	-.176	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-.289	-.289	0	%100
80	M75	Z	-.167	-.167	0	%100
81	M77A	X	-.304	-.304	0	%100
82	M77A	Z	-.176	-.176	0	%100
83	M82	X	-.165	-.165	0	%100
84	M82	Z	-.095	-.095	0	%100
85	MP3C	X	-.449	-.449	0	%100
86	MP3C	Z	-.259	-.259	0	%100
87	MP4C	X	-.449	-.449	0	%100
88	MP4C	Z	-.259	-.259	0	%100
89	MP2C	X	-.543	-.543	0	%100
90	MP2C	Z	-.314	-.314	0	%100
91	MP1C	X	-.449	-.449	0	%100
92	MP1C	Z	-.259	-.259	0	%100
93	M91A	X	-.661	-.661	0	%100
94	M91A	Z	-.382	-.382	0	%100
95	MP3B	X	-.449	-.449	0	%100
96	MP3B	Z	-.259	-.259	0	%100
97	MP4B	X	-.449	-.449	0	%100
98	MP4B	Z	-.259	-.259	0	%100
99	MP2B	X	-.543	-.543	0	%100
100	MP2B	Z	-.314	-.314	0	%100
101	MP1B	X	-.449	-.449	0	%100
102	MP1B	Z	-.259	-.259	0	%100
103	M101	X	-.367	-.367	0	%100
104	M101	Z	-.212	-.212	0	%100
105	M102	X	-.136	-.136	0	%100
106	M102	Z	-.078	-.078	0	%100
107	M107	X	-.136	-.136	0	%100
108	M107	Z	-.078	-.078	0	%100
109	M112	X	-.543	-.543	0	%100
110	M112	Z	-.314	-.314	0	%100
111	M123	X	-.149	-.149	0	%100
112	M123	Z	-.086	-.086	0	%100
113	M124	X	-.598	-.598	0	%100
114	M124	Z	-.345	-.345	0	%100
115	M125	X	-.149	-.149	0	%100
116	M125	Z	-.086	-.086	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.286	-.286	0	%100
2	M1	Z	-.496	-.496	0	%100
3	M4	X	-.097	-.097	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M4	Z	-.168	-.168	0	%100
5	M10	X	-.246	-.246	0	%100
6	M10	Z	-.426	-.426	0	%100
7	MP3A	X	-.259	-.259	0	%100
8	MP3A	Z	-.449	-.449	0	%100
9	MP4A	X	-.259	-.259	0	%100
10	MP4A	Z	-.449	-.449	0	%100
11	MP2A	X	-.314	-.314	0	%100
12	MP2A	Z	-.543	-.543	0	%100
13	MP1A	X	-.259	-.259	0	%100
14	MP1A	Z	-.449	-.449	0	%100
15	M43	X	-.246	-.246	0	%100
16	M43	Z	-.426	-.426	0	%100
17	M46	X	-.491	-.491	0	%100
18	M46	Z	-.85	-.85	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.273	-.273	0	%100
22	M52B	Z	-.472	-.472	0	%100
23	M76	X	-.164	-.164	0	%100
24	M76	Z	-.283	-.283	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	-.164	-.164	0	%100
30	M84	Z	-.283	-.283	0	%100
31	M85	X	-.5	-.5	0	%100
32	M85	Z	-.866	-.866	0	%100
33	M91	X	-.527	-.527	0	%100
34	M91	Z	-.912	-.912	0	%100
35	M34	X	-.388	-.388	0	%100
36	M34	Z	-.672	-.672	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	-.273	-.273	0	%100
44	M40	Z	-.472	-.472	0	%100
45	M41	X	-.273	-.273	0	%100
46	M41	Z	-.472	-.472	0	%100
47	M45	X	-.655	-.655	0	%100
48	M45	Z	-1.134	-1.134	0	%100
49	M46A	X	-.5	-.5	0	%100
50	M46A	Z	-.866	-.866	0	%100
51	M48	X	-.527	-.527	0	%100
52	M48	Z	-.912	-.912	0	%100
53	M50A	X	-.655	-.655	0	%100
54	M50A	Z	-1.134	-1.134	0	%100
55	M51C	X	-.5	-.5	0	%100
56	M51C	Z	-.866	-.866	0	%100
57	M53	X	-.527	-.527	0	%100
58	M53	Z	-.912	-.912	0	%100
59	M58A	X	-.097	-.097	0	%100
60	M58A	Z	-.168	-.168	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M59A	X	-.246	-.246	0	%100
62	M59A	Z	-.426	-.426	0	%100
63	M60	X	-.246	-.246	0	%100
64	M60	Z	-.426	-.426	0	%100
65	M61	X	-.491	-.491	0	%100
66	M61	Z	-.85	-.85	0	%100
67	M64	X	-.273	-.273	0	%100
68	M64	Z	-.472	-.472	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-.164	-.164	0	%100
72	M69	Z	-.283	-.283	0	%100
73	M70	X	-.5	-.5	0	%100
74	M70	Z	-.866	-.866	0	%100
75	M72	X	-.527	-.527	0	%100
76	M72	Z	-.912	-.912	0	%100
77	M74	X	-.164	-.164	0	%100
78	M74	Z	-.283	-.283	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	MP3C	X	-.259	-.259	0	%100
86	MP3C	Z	-.449	-.449	0	%100
87	MP4C	X	-.259	-.259	0	%100
88	MP4C	Z	-.449	-.449	0	%100
89	MP2C	X	-.314	-.314	0	%100
90	MP2C	Z	-.543	-.543	0	%100
91	MP1C	X	-.259	-.259	0	%100
92	MP1C	Z	-.449	-.449	0	%100
93	M91A	X	-.286	-.286	0	%100
94	M91A	Z	-.496	-.496	0	%100
95	MP3B	X	-.259	-.259	0	%100
96	MP3B	Z	-.449	-.449	0	%100
97	MP4B	X	-.259	-.259	0	%100
98	MP4B	Z	-.449	-.449	0	%100
99	MP2B	X	-.314	-.314	0	%100
100	MP2B	Z	-.543	-.543	0	%100
101	MP1B	X	-.259	-.259	0	%100
102	MP1B	Z	-.449	-.449	0	%100
103	M101	X	-.212	-.212	0	%100
104	M101	Z	-.367	-.367	0	%100
105	M102	X	-.235	-.235	0	%100
106	M102	Z	-.407	-.407	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-.235	-.235	0	%100
110	M112	Z	-.407	-.407	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-.259	-.259	0	%100
114	M124	Z	-.448	-.448	0	%100
115	M125	X	-.259	-.259	0	%100
116	M125	Z	-.448	-.448	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M40	Y	-1.664	-4.227	0	.832
2	M40	Y	-4.227	-6.899	.832	1.665
3	M40	Y	-6.899	-8.187	1.665	2.497
4	M40	Y	-8.187	-6.544	2.497	3.329
5	M40	Y	-6.544	-3.463	3.329	4.162
6	M41	Y	-3.462	-6.572	0	.832
7	M41	Y	-6.572	-8.261	.832	1.665
8	M41	Y	-8.261	-7.048	1.665	2.497
9	M41	Y	-7.048	-4.428	2.497	3.329
10	M41	Y	-4.428	-1.883	3.329	4.162
11	M51B	Y	-1.879	-4.428	0	.832
12	M51B	Y	-4.428	-7.042	.832	1.665
13	M51B	Y	-7.042	-8.256	1.665	2.497
14	M51B	Y	-8.256	-6.578	2.497	3.329
15	M51B	Y	-6.578	-3.47	3.329	4.162
16	M52B	Y	-3.463	-6.545	0	.832
17	M52B	Y	-6.545	-8.189	.832	1.665
18	M52B	Y	-8.189	-6.9	1.665	2.497
19	M52B	Y	-6.9	-4.227	2.497	3.329
20	M52B	Y	-4.227	-1.665	3.329	4.162
21	M64	Y	-1.879	-4.428	0	.832
22	M64	Y	-4.428	-7.042	.832	1.665
23	M64	Y	-7.042	-8.256	1.665	2.497
24	M64	Y	-8.256	-6.578	2.497	3.329
25	M64	Y	-6.578	-3.47	3.329	4.162
26	M65	Y	-3.463	-6.545	0	.832
27	M65	Y	-6.545	-8.189	.832	1.665
28	M65	Y	-8.189	-6.9	1.665	2.497
29	M65	Y	-6.9	-4.227	2.497	3.329
30	M65	Y	-4.227	-1.665	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M40	Y	-3.246	-8.25	0	.832
2	M40	Y	-8.25	-13.464	.832	1.665
3	M40	Y	-13.464	-15.978	1.665	2.497
4	M40	Y	-15.978	-12.772	2.497	3.329
5	M40	Y	-12.772	-6.758	3.329	4.162
6	M41	Y	-6.757	-12.825	0	.832
7	M41	Y	-12.825	-16.122	.832	1.665
8	M41	Y	-16.122	-13.754	1.665	2.497
9	M41	Y	-13.754	-8.641	2.497	3.329
10	M41	Y	-8.641	-3.674	3.329	4.162
11	M51B	Y	-3.668	-8.642	0	.832
12	M51B	Y	-8.642	-13.742	.832	1.665
13	M51B	Y	-13.742	-16.112	1.665	2.497
14	M51B	Y	-16.112	-12.837	2.497	3.329
15	M51B	Y	-12.837	-6.771	3.329	4.162
16	M52B	Y	-6.758	-12.772	0	.832
17	M52B	Y	-12.772	-15.981	.832	1.665
18	M52B	Y	-15.981	-13.465	1.665	2.497
19	M52B	Y	-13.465	-8.249	2.497	3.329
20	M52B	Y	-8.249	-3.25	3.329	4.162
21	M64	Y	-3.668	-8.642	0	.832
22	M64	Y	-8.642	-13.742	.832	1.665
23	M64	Y	-13.742	-16.112	1.665	2.497

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
24	M64	Y	-16.112	-12.837	2.497	3.329
25	M64	Y	-12.837	-6.771	3.329	4.162
26	M65	Y	-6.758	-12.772	0	.832
27	M65	Y	-12.772	-15.981	.832	1.665
28	M65	Y	-15.981	-13.465	1.665	2.497
29	M65	Y	-13.465	-8.249	2.497	3.329
30	M65	Y	-8.249	-3.25	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M40	Z	-.05	-.127	0	.832
2	M40	Z	-.127	-.207	.832	1.665
3	M40	Z	-.207	-.246	1.665	2.497
4	M40	Z	-.246	-.196	2.497	3.329
5	M40	Z	-.196	-.104	3.329	4.162
6	M41	Z	-.104	-.197	0	.832
7	M41	Z	-.197	-.248	.832	1.665
8	M41	Z	-.248	-.211	1.665	2.497
9	M41	Z	-.211	-.133	2.497	3.329
10	M41	Z	-.133	-.056	3.329	4.162
11	M51B	Z	-.056	-.133	0	.832
12	M51B	Z	-.133	-.211	.832	1.665
13	M51B	Z	-.211	-.248	1.665	2.497
14	M51B	Z	-.248	-.197	2.497	3.329
15	M51B	Z	-.197	-.104	3.329	4.162
16	M52B	Z	-.104	-.196	0	.832
17	M52B	Z	-.196	-.246	.832	1.665
18	M52B	Z	-.246	-.207	1.665	2.497
19	M52B	Z	-.207	-.127	2.497	3.329
20	M52B	Z	-.127	-.05	3.329	4.162
21	M64	Z	-.056	-.133	0	.832
22	M64	Z	-.133	-.211	.832	1.665
23	M64	Z	-.211	-.248	1.665	2.497
24	M64	Z	-.248	-.197	2.497	3.329
25	M64	Z	-.197	-.104	3.329	4.162
26	M65	Z	-.104	-.196	0	.832
27	M65	Z	-.196	-.246	.832	1.665
28	M65	Z	-.246	-.207	1.665	2.497
29	M65	Z	-.207	-.127	2.497	3.329
30	M65	Z	-.127	-.05	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M40	X	.05	.127	0	.832
2	M40	X	.127	.207	.832	1.665
3	M40	X	.207	.246	1.665	2.497
4	M40	X	.246	.196	2.497	3.329
5	M40	X	.196	.104	3.329	4.162
6	M41	X	.104	.197	0	.832
7	M41	X	.197	.248	.832	1.665
8	M41	X	.248	.211	1.665	2.497
9	M41	X	.211	.133	2.497	3.329
10	M41	X	.133	.056	3.329	4.162
11	M51B	X	.056	.133	0	.832
12	M51B	X	.133	.211	.832	1.665
13	M51B	X	.211	.248	1.665	2.497

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
14	M51B	X	.248	.197	2.497	3.329
15	M51B	X	.197	.104	3.329	4.162
16	M52B	X	.104	.196	0	.832
17	M52B	X	.196	.246	.832	1.665
18	M52B	X	.246	.207	1.665	2.497
19	M52B	X	.207	.127	2.497	3.329
20	M52B	X	.127	.05	3.329	4.162
21	M64	X	.056	.133	0	.832
22	M64	X	.133	.211	.832	1.665
23	M64	X	.211	.248	1.665	2.497
24	M64	X	.248	.197	2.497	3.329
25	M64	X	.197	.104	3.329	4.162
26	M65	X	.104	.196	0	.832
27	M65	X	.196	.246	.832	1.665
28	M65	X	.246	.207	1.665	2.497
29	M65	X	.207	.127	2.497	3.329
30	M65	X	.127	.05	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	N79	N77	N54	Y	Two Way	-.005
2	N7	N87B	N87C	N6	Y	Two Way	-.005
3	N84	N108	N106	N83	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	N79	N77	N54	Y	Two Way	-.01
2	N7	N87B	N87C	N6	Y	Two Way	-.01
3	N84	N108	N106	N83	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	N79	N77	N54	Y	Two Way	0
2	N7	N87B	N87C	N6	Y	Two Way	0
3	N84	N108	N106	N83	Y	Two Way	0

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N55	N79	N77	N54	Z	Two Way	-.000156
2	N7	N87B	N87C	N6	Z	Two Way	-.000156
3	N84	N108	N106	N83	Z	Two Way	-.000156

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N55	N79	N77	N54	X	Two Way	.000156
2	N7	N87B	N87C	N6	X	Two Way	.000156
3	N84	N108	N106	N83	X	Two Way	.000156

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [...	LC
1	N3	m...	958.263	10	2620.923	13	2241.544	1	5.315	13	1.386	4	.165	4
2		m...	-950.629	4	839.954	70	-2424.275	7	1.664	7	-1.404	10	-.115	10
3	N52	m...	1893.401	10	2504.263	21	1251.118	2	-.788	66	1.319	12	-1.471	27
4		m...	-2003.887	4	813.775	66	-1153.589	8	-2.437	21	-1.265	6	-4.634	21
5	N81	m...	1864.384	11	2449.187	17	1357.487	12	-.846	74	1.258	8	4.406	29
6		m...	-1762.262	5	793.818	74	-1268.12	6	-2.825	29	-1.286	2	1.396	74
7	Totals:	m...	4681.554	10	7444.848	20	4711.805	1						
8		m...	-4681.554	4	2464.067	66	-4711.806	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	L...	Dir	LC	phi*Pn...	phi*P...	phi*Mn y...	phi*Mn ...	Eqn
1	M1	PIPE_...	.167	4.958	20	.064	9...		18	22812...	65205	5.749	5.749	H1-...
2	M4	HSS4...	.345	0	16	.077	0	y	15	12465...	139518	16.181	16.181	H1-...
3	M10	HSS4...	.173	2.375	14	.055	2...	y	21	13626...	139518	16.181	16.181	H1-...
4	MP3A	PIPE_...	.275	4	16	.062	2...		18	14916...	32130	1.872	1.872	H1-...
5	MP4A	PIPE_...	.224	4	15	.140	4		4	14916...	32130	1.872	1.872	H1-...
6	MP2A	PIPE_...	.194	4	12	.063	4		10	30038...	50715	3.596	3.596	H1-...
7	MP1A	PIPE_...	.281	4	23	.146	4		10	14916...	32130	1.872	1.872	H1-...
8	M43	HSS4...	.168	0	24	.056	0	y	17	13626...	139518	16.181	16.181	H1-...
9	M46	PL1/2x6	.177	.516	12	.121	....	y	23	66009...	97200	1.012	12.15	H1-...
10	M51B	L2x2x3	.160	4.162	2	.011	4...	y	17	9823.1...	23392...	.558	1.085	H2-1
11	M52B	L2x2x3	.158	0	12	.012	0	y	21	9823.1...	23392...	.558	1.086	H2-1
12	M76	PL3/8x6	.167	0	8	.258	0	y	19	70647...	72900	.57	9.113	H1-...
13	M77	PL3/8x6	.274	.167	8	.350	0	y	13	71583...	72900	.57	9.113	H1-...
14	M80	PL1/2x6	.041	0	8	.029	0	y	22	96757...	97200	1.012	12.15	H1-...
15	M84	PL3/8x6	.246	0	6	.220	0	y	18	70647...	72900	.57	9.113	H1-...
16	M85	PL3/8x6	.265	.167	6	.344	0	y	13	71583...	72900	.57	9.113	H1-...
17	M91	PL1/2x6	.054	0	12	.022	....	y	50	96757...	97200	1.012	12.15	H1-...
18	M34	HSS4...	.348	0	24	.081	0	y	21	12465...	139518	16.181	16.181	H1-...
19	M35	HSS4...	.181	2.375	22	.055	2...	y	17	13626...	139518	16.181	16.181	H1-...
20	M36	HSS4...	.169	0	20	.056	0	y	13	13626...	139518	16.181	16.181	H1-...
21	M37	PL1/2x6	.174	.516	2	.122	....	y	19	66009...	97200	1.012	12.15	H1-...
22	M40	L2x2x3	.165	4.162	10	.012	4...	y	13	9823.1...	23392...	.558	1.086	H2-1
23	M41	L2x2x3	.154	0	8	.012	4...	y	17	9823.1...	23392...	.558	1.085	H2-1
24	M45	PL3/8x6	.161	0	9	.255	0	y	15	70647...	72900	.57	9.113	H1-...
25	M46A	PL3/8x6	.265	.167	4	.360	0	y	21	71583...	72900	.57	9.113	H1-...
26	M48	PL1/2x6	.043	0	10	.032	0	y	18	96757...	97200	1.012	12.15	H1-...
27	M50A	PL3/8x6	.253	0	2	.220	0	y	15	70647...	72900	.57	9.113	H1-...
28	M51C	PL3/8x6	.268	.167	2	.345	0	y	21	71583...	72900	.57	9.113	H1-...
29	M53	PL1/2x6	.052	0	8	.063	0	y	50	96757...	97200	1.012	12.15	H1-...
30	M58A	HSS4...	.341	0	14	.103	0	y	40	12465...	139518	16.181	16.181	H1-...
31	M59A	HSS4...	.171	2.375	18	.055	2...	y	13	13626...	139518	16.181	16.181	H1-...
32	M60	HSS4...	.168	0	16	.053	0	y	21	13626...	139518	16.181	16.181	H1-...
33	M61	PL1/2x6	.178	.516	4	.185	....	y	27	66009...	97200	1.012	12.15	H1-...
34	M64	L2x2x3	.159	4.162	6	.011	4...	y	21	9823.1...	23392...	.558	1.085	H2-1
35	M65	L2x2x3	.156	0	4	.012	0	y	13	9823.1...	23392...	.558	1.086	H2-1
36	M69	PL3/8x6	.164	0	12	.254	0	y	23	70647...	72900	.57	9.113	H1-...
37	M70	PL3/8x6	.268	.167	12	.347	0	y	17	71583...	72900	.57	9.113	H1-...
38	M72	PL1/2x6	.041	0	6	.154	0	y	26	96757...	97200	1.012	12.15	H1-...
39	M74	PL3/8x6	.250	0	4	.204	0	y	23	70647...	72900	.57	9.113	H1-...
40	M75	PL3/8x6	.254	.167	10	.338	0	y	17	71583...	72900	.57	9.113	H1-...
41	M77A	PL1/2x6	.054	0	4	.065	....	y	26	96757...	97200	1.012	12.15	H1-...
42	M82	PIPE_...	.165	9.042	16	.045	5...		15	22812...	65205	5.749	5.749	H1-...
43	MP3C	PIPE_...	.261	4	24	.048	4		3	14916...	32130	1.872	1.872	H1-...
44	MP4C	PIPE_...	.204	4	6	.139	4		12	14916...	32130	1.872	1.872	H1-...

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	L...	Dir	LC	phi*Pn...	phi*P...	phi*Mn y...	phi*Mn	Eqn
45	MP2C	PIPE_...	.200	4	17	.063	4		6	30038...	50715	3.596	3.596	...H1-...
46	MP1C	PIPE_...	.270	4	18	.145	4		6	14916...	32130	1.872	1.872	...H1-...
47	M91A	PIPE_...	.165	9.042	24	.048	4..		22	22812...	65205	5.749	5.749	...H1-...
48	MP3B	PIPE_...	.287	4	20	.048	4		6	14916...	32130	1.872	1.872	...H1-...
49	MP4B	PIPE_...	.218	4	20	.140	4		8	14916...	32130	1.872	1.872	...H1-...
50	MP2B	PIPE_...	.185	4	4	.061	4		2	30038...	50715	3.596	3.596	...H1-...
51	MP1B	PIPE_...	.235	4	2	.146	4		2	14916...	32130	1.872	1.872	...H1-...
52	M101	PIPE_...	.125	2.5	4	.016	2.5		4	28843...	32130	1.872	1.872	...H1-...
53	M102	PIPE_...	.159	8.75	22	.036	8..		19	11606...	50715	3.596	3.596	...H1-...
54	M107	PIPE_...	.159	5.25	17	.038	1...		21	11606...	50715	3.596	3.596	...H1-...
55	M112	PIPE_...	.142	5.25	13	.039	1...		17	11606...	50715	3.596	3.596	...H1-...
56	M123	L3X3X4	.101	.994	19	.029	0	y	6	45645...	46656	1.688	3.756	...H2-1
57	M124	L3X3X4	.116	0	19	.042	0	y	30	45645...	46656	1.688	3.756	...H2-1
58	M125	L3X3X4	.075	0	3	.026	0	y	10	45645...	46656	1.688	3.756	...H2-1

VzW SMART Tool© Vendor

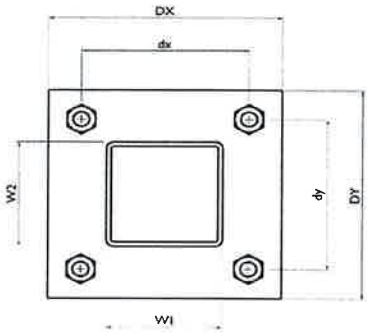
Client:	Verizon Wireless	Date:	7/5/2023
Site Name:	PLYMOUTH NW CT		
MDG #:	5000245391		
Fuze ID #:	17123735	Page:	1

Version 1.01

I. Mount-to-Tower Connection Check

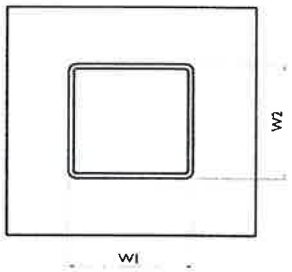
Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel

Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)*:	7
d_y (in) *(Delta Y of typ. bolt config. sketch)*:	7
Bolt Type:	A325N
Bolt Diameter (in):	0.5
Required Tensile Strength / bolt (kips):	4.8
Required Shear Strength / bolt (kips):	0.7
Tensile Capacity / bolt (kips):	13.3
Shear Capacity / bolt (kips):	8.0
Bolt Overall Utilization:	36.5%



Tower Connection Baseplate Checks	Yes

Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	9.5
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):	7.55
Bolt Eccentricity, e (in):	2.35
M_u (kip-in):	11.39
Phi*M_n (kip-in):	15.29
Plate Bending Utilization:	74.5%

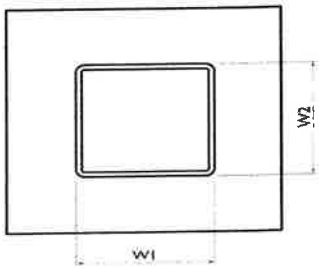


VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/5/2023
Site Name:	PLYMOUTH NW CT		
PSLC #:	5000245391		
Fuze ID #:	17123735	Page:	2
			Version 1.01

Tower Connection Weld Checks

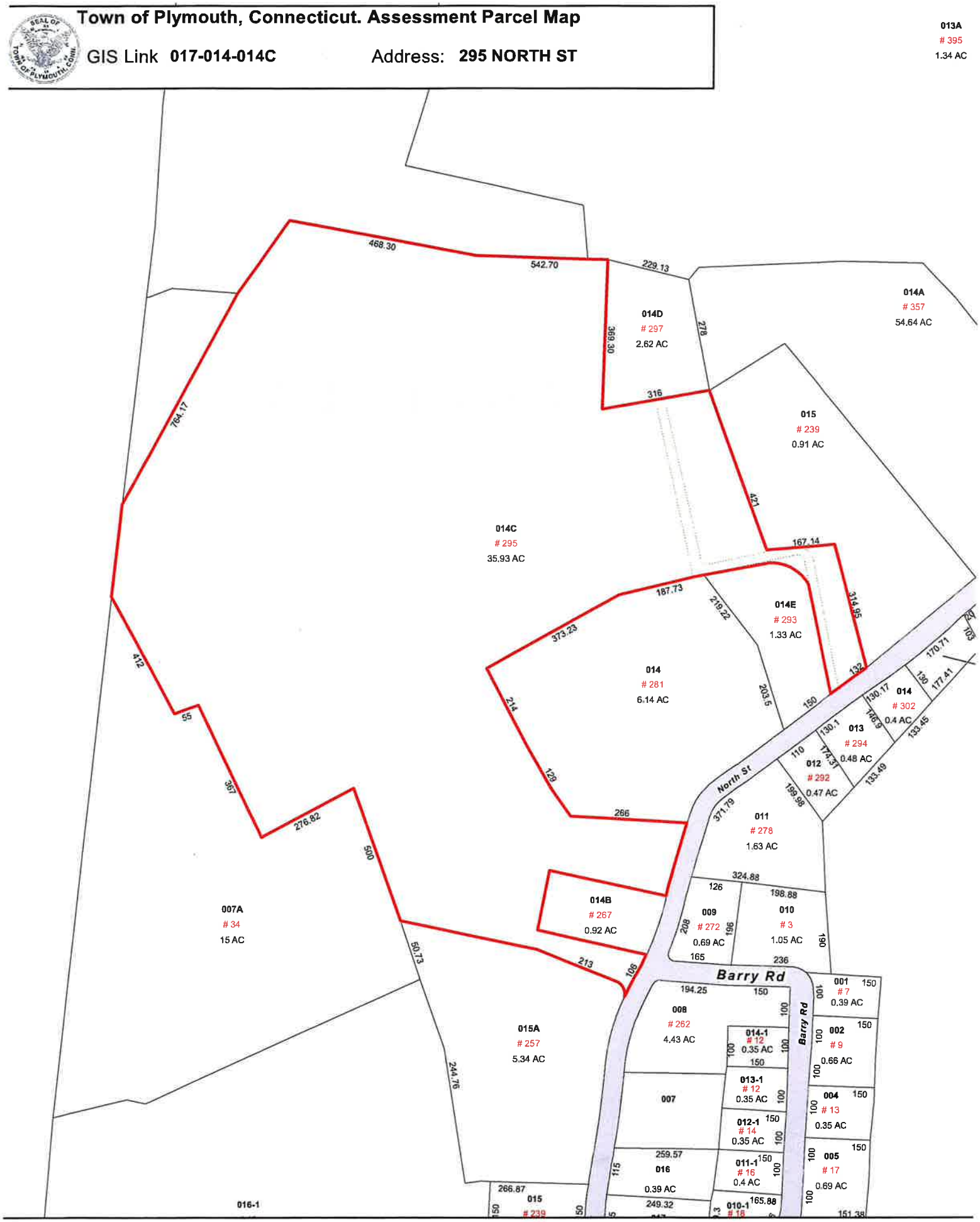
	Yes
Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Weld Size (1/16 in):	3
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	16.00
Z_x (in^3/in):	21.33
Z_y (in^3/in):	21.33
J_p (in^4/in):	85.33
c_x (in)	2.25
c_y (in)	2.25
Required combined strength (kip/in):	2.11
Weld Capacity (kip/in):	4.18
Weld Utilization:	**50.6%**



ATTACHMENT 4

Town of Plymouth, Connecticut. Assessment Parcel Map

GIS Link **017-014-014C** Address: **295 NORTH ST**



1 inch = 300 feet

0 150 300 450 600 Feet

Disclaimer: This map is for informational purposes only All information is subject to verification by any user. The Town of Plymouth and its mapping contractors assume no legal responsibility for the information contained herein.

Map Produced: October 2020

Town of Plymouth, CT

Property Listing Report

Map Block Lot	017-014-014D	Building #	1	Unique Identifier	00074600

Property Information

Property Location	297 NORTH ST
Mailing Address	297 NORTH ST PLYMOUTH CT 06782
Land Use	Residential
Zoning Code	R-40
Neighborhood	101

Owner	LAGOSZ RAYMOND A & BRENDA J CO-TRUSTEES
Co-Owner	THE RAYMOND A LAGOSZ & BRENDA J LAGOSZ
Book / Page	499/ 10
Land Class	Residential
Census Tract	4253
Acreage	2.62

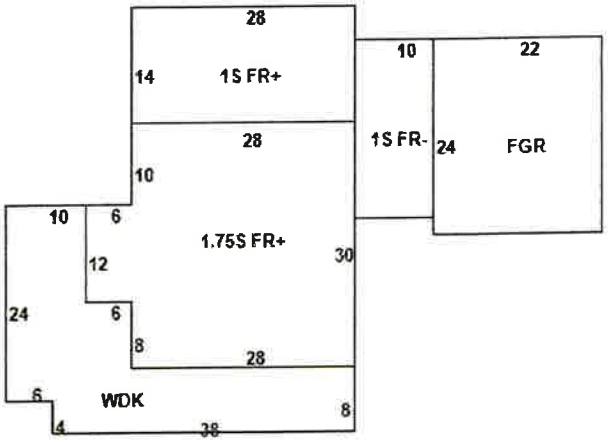
Valuation Summary

(Assessed value = 70% of Appraised Value)

Item	Appraised	Assessed
Buildings	189000	132300
Outbuildings	1000	700
Land	86500	60550
Total	276500	193550

Utility Information

Electric	No
Gas	No
Sewer	No
Public Water	No
Well	Yes



Primary Construction Details

Year Built	1980
Building Desc.	Residential
Building Style	Cape
Stories	1.5
Exterior Walls	Clapboards
Exterior Walls 2	
Interior Walls	
Interior Walls 2	
Interior Floors 1	
Interior Floors 2	

Heating Fuel	Oil
Heating Type	Hot Water
AC Type	
Bedrooms	4
Full Bathrooms	2
Half Bathrooms	1
Extra Fixtures	1
Total Rooms	7
Bath Style	NA
Kitchen Style	
Occupancy	1

Building Use	Single Family
Building Condition	Average
Frame Type	Wood Frame
Fireplaces	1
Bsmt Gar	0
Fin Bsmt Area	0
Fin Bsmt Quality	
Building Grade	0
Roof Style	
Roof Cover	

Report Created On 8/1/2023

Town of Plymouth, CT

Property Listing Report | Map Block Lot 017-014-014D | Building # 1 | Unique Identifier 00074600

Detached Outbuildings

Type	Description	Area (sq ft)	Condition	Year Built
Shed	Frame	192	Average	2005

Attached Extra Features

Type	Description	Area (sq ft)	Condition	Year Built
Garage	Frame	528	Average	1980
Deck	Wood	576	Average	1980

Sales History

Owner of Record	Book/ Page	Sale Date	Sale Price
LAGOSZ RAYMOND A & BRENDA J CO-TRUSTEES	499_ 10	5/2/2022	0

Report Created On 8/1/2023

ATTACHMENT 5

Verizon/Plymouth NW

UNITED STATES POSTAL SERVICE®

Certificate of Mailing — Firm

Name and Address of Sender	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here *Postmark with Date of Receipt.*
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3.	Raymond and Brenda Lagosz 297 North Street Plymouth, CT 06782				
4.					
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