John Coleman, Project Manager
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Floor 3
West Bridgewater, MA 02379
Mobile: (240) 615 -7389
JColeman@clinellc.com

October 20, 2021

Melanie A. Bachman
Acting Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RE: Notice of Exempt Modification // Site: SHORT BEACH BRANFORD CT (ATC: 283422)
171 SHORT BEACH ROAD, BRANFORD, CT 06405
N 41.262788 // W -72.834427

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains twelve (12) antenna at the 100-ft level on the existing 120ft Monopole tower, located at 171 Short Beach Road, Branford, CT. The tower is owned by American Tower. The property is also owned by 171 Short Beach Road Realty LLC. The Council approved Verizon Wireless use of the existing tower on July 28, 2011. Verizon Wireless now intends to remove nine (9) antenna, nine (9) RRH's and associated cables and install nine (9) new antenna for the LTE (3700 MHz) replacements for its 5G upgrade. Additionally, Verizon Wireless intends to install nine (9) new Remote Radio Heads (RRHs), three (3) diplexers and associated cabling; altogether updating leased equipment rights, as reflected by the final configuration outlined in the structural analysis and proposed hereby).

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §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 James Cosgrove, First Selectman, its Building Official, Anthony Cinicola, American Tower, the tower owner, and the property owner, 171 Short Beach Road Realty LLC.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2). Enclosed to accommodate this filing are construction drawings dated September 17, 2021, by Dewberry Engineers Inc., a structural analysis dated August 13, 2021, by CLS Engineering PLLC, and a structural mount analysis by Maser Consulting Connecticut date May 4, 2021, and radio frequency (RF) analysis table showing worst-case RF emission calculation by Verizon Wireless RF Design Engineering.

1. The proposed modifications will not result in an increase in the height of the existing structure.

2. The proposed modifications 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 operation of the new antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard.

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

6. The existing structure and its foundation can support the proposed loading, as shown in the attached structural analysis by CLS Engineering PLLC, dated August 13, 2021, and a structural mount analysis by Maser Consulting Connecticut, dated May 4, 2021, pursuant to certain conditions defined therein. Design and engineering are fully illustrated within final construction drawings, signed and stamped dated September 17, 2021.

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

Sincerely,

John Coleman

_____

John Coleman, Project Manager
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Floor 3
West Bridgewater, MA 02379
Mobile: (240) 615 -7389
JColeman@clinellc.com

Attachments
cc: James Cosgrove – First Selectman – Chief Elected Official
Anthony Cinicola, Building Official- as P&Z official
American Tower Corporation - as tower owner
171 Short Beach Road Realty LLC – as ground owner

UPS CampusShip: View/Print Label

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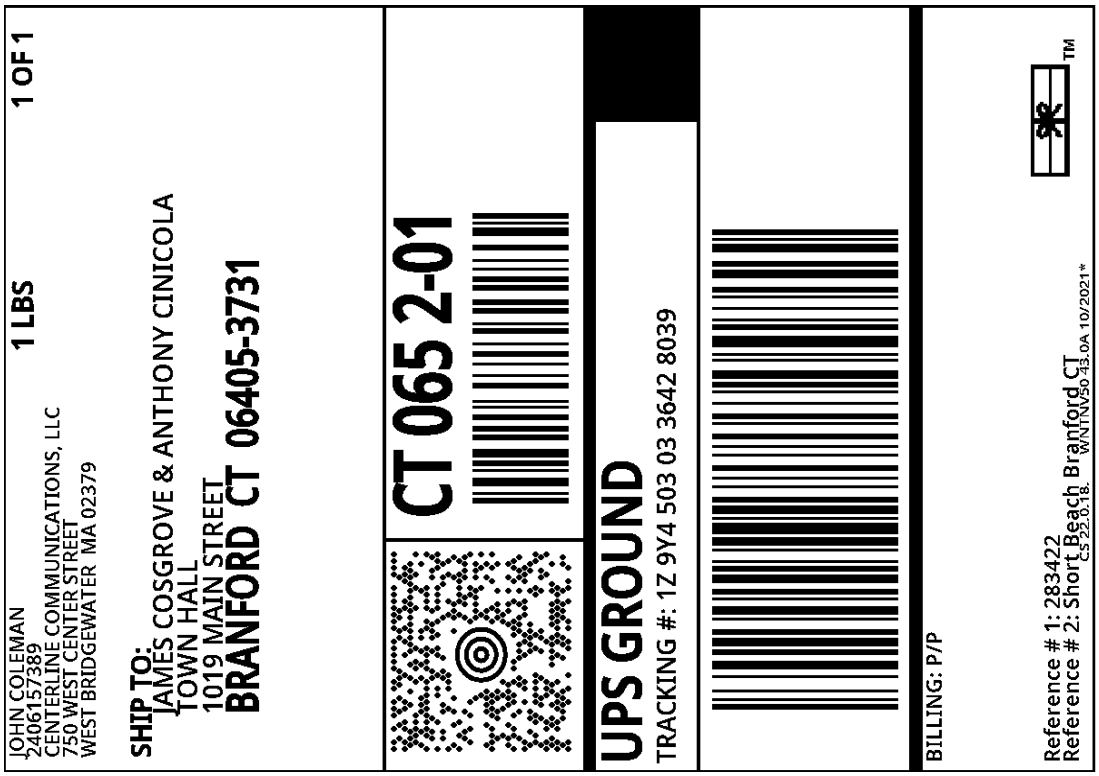

From: UPS
To: John Coleman
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030336428039
Date: Friday, October 22, 2021 4:18:13 PM

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Delivery Date: Friday, 10/22/2021
Delivery Time: 4:17 PM
Left At: RECEPTION
Signed by: MILICI

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030336428039
Ship To:	TOWN HALL 1019 MAIN STREET BRANFORD, CT 064053731 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	0.5 LBS
Reference Number:	283422
Reference Number:	SHORT BEACH BRANFORD CT

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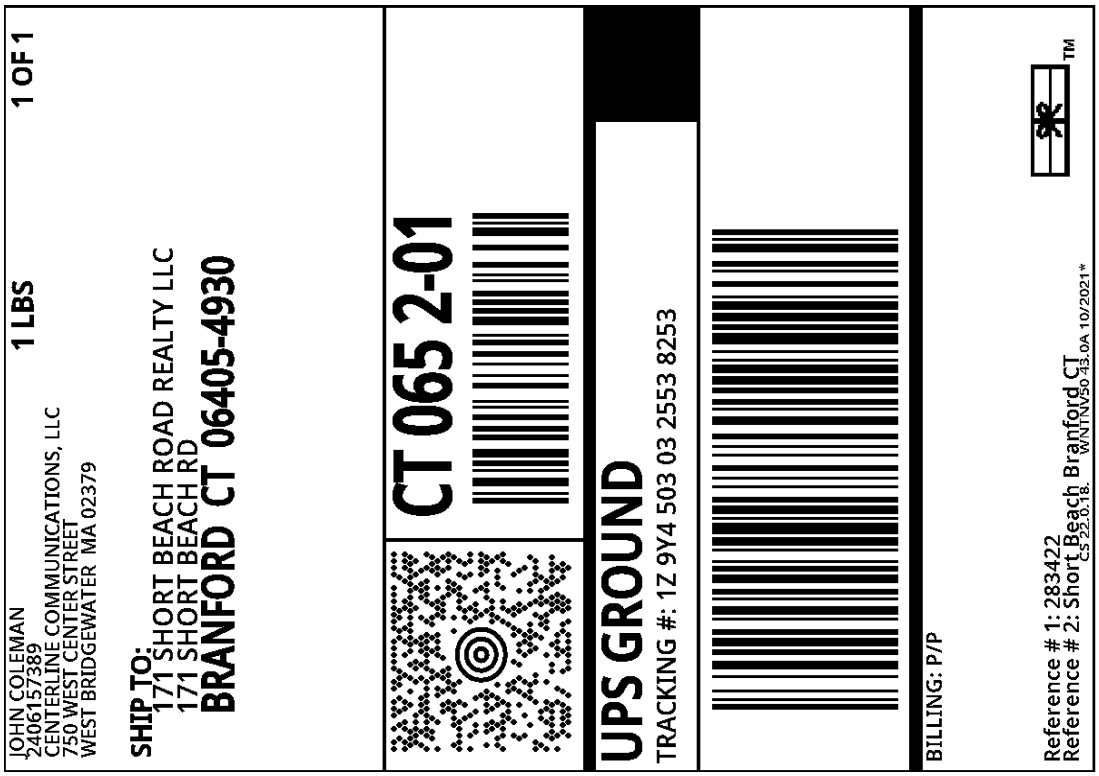

From: UPS
To: John Coleman
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030325538253
Date: Friday, October 22, 2021 3:15:52 PM

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Delivery Date: Friday, 10/22/2021
Delivery Time: 3:14 PM
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Signed by: KLUCK

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030325538253
Ship To:	171 SHORT BEACH ROAD REALTY LLC 171 SHORT BEACH RD BRANFORD, CT 064054930 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	0.5 LBS
Reference Number:	283422
Reference Number:	SHORT BEACH BRANFORD CT

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DOCKET NO. 413 - Cellco Partnership d/b/a Verizon Wireless application for a Certificate of Environmental Compatibility and	}	Connecticut
Public Need for the construction, maintenance and operation of a telecommunications facility located at 723 Leetes Island Road,	}	Siting
Branford, Connecticut.	}	Council

July 28, 2011

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, maintenance, and operation of a telecommunications facility, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate, either alone or cumulatively with other effects, when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Cellco Partnership d/b/a Verizon Wireless, hereinafter referred to as the Certificate Holder, for a telecommunications facility located at 723 Leetes Island Road, Branford, Connecticut.

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

1. The tower shall be a monopole designed and constructed to look like an old-fashioned railroad water tank. The water tank/tower shall be no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of the Certificate Holder and other entities, both public and private, but the top of such water tank/tower shall not exceed a height of 109 feet above ground level.

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

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

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

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

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

7. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed with at least one fully operational wireless telecommunications carrier providing wireless service within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline. Authority to monitor and modify this schedule, as necessary, is delegated to the Executive Director. The Certificate Holder shall provide written notice to the Executive Director of any schedule changes as soon as is practicable.

8. Any request for extension of the time period referred to in Condition 7 shall be filed with the Council not later than 60 days prior to the expiration date of this Certificate and shall be served on all parties and intervenors, as listed in the service list, and the Town of Branford. Any proposed modifications to this Decision and Order shall likewise be so served.

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

10. Any nonfunctioning antenna, and associated antenna mounting equipment, on this facility shall be removed within 60 days of the date the antenna ceased to function.

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

12. The Certificate Holder shall remit timely payments associated with annual assessments and invoices submitted by the Council for expenses attributable to the facility under Conn. Gen. Stat. §16-50v.

13. This Certificate may be transferred in accordance with Conn. Gen. Stat. §16-50k(b), provided both the Certificate Holder/transferor and the transferee are current with payments to the Council for their respective annual assessments and invoices under Conn. Gen. Stat. §16-50v. In addition, both the Certificate Holder/transferor and the transferee shall provide the Council a written agreement as to the entity responsible for any quarterly assessment charges under Conn. Gen. Stat. §16-50v(b)(2) that may be associated with this facility.

14. The Certificate Holder shall maintain the facility and associated equipment in a reasonable physical and operational condition, including but not limited to, the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line and landscaping, that is consistent with this Decision and Order and a Development and Management Plan to be approved by the Council.

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

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

The parties and intervenors to this proceeding are:

Applicant	**Its Representative**
Cellco Partnership d/b/a Verizon Wireless	Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103-3597
Intervenor	**Its Representatives**
T-Mobile Northeast, LLC	Julie D. Kohler, Esq. Jesse A. Langer, Esq. Cohen and Wolf, P.C. 1115 Broad Street Bridgeport, CT 06604

Intervenor	**Its Representatives**
New Cingular Wireless PCS, LLC (AT&T)	Christopher B. Fisher, Esq. Lucia Chiocchio, Esq. Cuddy & Feder LLP 445 Hamilton Avenue, 14th floor White Plains, NY 10601
Intervenor	**Its Representative**
Town of Branford	Keith R. Ainsworth, Esq. Evans Feldman & Ainsworth, L.L.C. #101240 261 Bradley Street P.O. Box 1694 New Haven, CT 06507-1694

AMERICAN TOWER®
CORPORATION

This report was prepared for American Tower Corporation by

CLS ENGINEERING PLLC

Structural Analysis Report

Structure	:	**119 ft Monopole**
ATC Site Name	:	**SHORT BEACH BRANFORD CT,CT**
ATC Site Number	:	**283422**
Engineering Number	:	**13668667_C3_01**
Proposed Carrier	:	**VERIZON WIRELESS**
Carrier Site Name	:	**BRANFORD SHORT BEACH**
Carrier Site Number	:	**468083**
Site Location	:	**171 Short Beach Road** **Branford, CT 06405-4930** **41.2628, -72.8344**
County	:	**New Haven**
Date	:	**August 13, 2021**
Max Usage	:	**76%**
Result	:	**Pass**

Prepared By:

Sean Rock, E.I.
CLS

Reviewed By:

STATE OF CONNECTICUT
TYLER M BARKER
No. 32402
LICENSED
PROFESSIONAL ENGINEER

Tyler M. Barker
CLS Engineering PLLC
PE # 32402 Exp. 1/31/2022
COA # PEC.001833 Exp. 8/14/2022
08/17/2021

Table of Contents

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 119 ft Monopole to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower Drawings	Sabre Job #73523, dated January 26, 2013
Foundation Drawing	Sabre Job #73523, dated January 26, 2013
Geotechnical Report	Terracon Project #J2135101, dated January 17, 2013
Mount Analysis	Mount Analysis Maser Consulting Project #21777425A, dated May 4, 2021

Analysis

The tower was analyzed using American Tower Corporation's tower analysis software. This program considers an elastic three-dimensional model and second-order effects per ANSI/TIA-222.

Basic Wind Speed:	121 mph (3-second gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1" radical ice concurrent
Code:	ANSI/TIA-222-H / 2015 IBC / 2018 Connecticut State Building Code
Exposure Category:	C
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Crest Height (H):	0 ft
Crest Length (L):	0 ft
Spectral Response:	Ss = 0.20, S_1 = 0.05
Site Class:	D - Stiff Soil - Default

Conclusion

Based on the analysis results, the structure meets the requirements per the applicable codes listed above. The tower and foundation can support the equipment as described in this report.

If you have any questions or require additional information, please contact American Tower via email at Engineering@americantower.com. Please include the American Tower site name, site number, and engineering number in the subject line for any questions.

Existing and Reserved Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
120.0	1	Commscope WCS-IMFQ-AMT	Triangular Platform with Handrails	(3) 0.39" (10mm) Fiber Trunk (6) 0.78" (19.7mm) 8 AWG 6 (3) 3" conduit (3) 3/8" (0.38"-9.5mm) RET Control Cable	AT&T MOBILITY
	3	Raycap DC6-48-60-18-8F			
	3	Kathrein Scala 80010966			
	3	CCI HPA-65R-BUU-H8			
	3	Andrew SBNH-1D6565C			
	3	CCI HPA65R-BU8A			
	3	Ericsson RRUW			
	3	Ericsson RRUS 8843 B2, B66A			
	3	Ericsson RRUS 4449 B5, B12			
	3	Ericsson RRUS 11 (Band 12)			
	3	Ericsson RRUS 32 B30 (60 lbs)			
110.0	1	Commscope RDIDC-9181-PF-48	Triangular Platform with Handrails	(1) 1.60" (40.6mm) Hybrid	DISH WIRELESS L.L.C.
	3	JMA Wireless MX08FRO665-21			
	3	Fujitsu TA08025-B605			
	3	Fujitsu TA08025-B604			
100.0	2	RFS DB-T1-6Z-8AB-0Z	Triangular Platform with Handrails	(12) 1 5/8" Coax (2) 1 5/8" Hybriflex	VERIZON WIRELESS
	3	Antel BXA-70063-6CF-EDIN-X			

Equipment to be Removed

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
100.0	3	Alcatel-Lucent RRH2X60-AWS	-	-	VERIZON WIRELESS
	3	Alcatel-Lucent RRH2x60 700			
	3	Andrew LNX-6514DS-A1M			
	6	Commscope SBNHH-1D65B			
	3	Alcatel-Lucent PCS B25 RRH2x60/4x30			

Proposed Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
100.0	3	Commscope CBC78T-DS-43-2X	Triangular Platform with Handrails	-	VERIZON WIRELESS
	3	Samsung B2/B66A RRH-BR049			
	3	Samsung B5/B13 RRH-BR04C			
	3	Samsung MT6407-77A			
	6	Commscope JAHH-65B-R3B			

[1] Contracted elevations are shown for appurtenances within contracted installation tolerances. Appurtenances outside of contract limits are shown at installed elevations.

Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	63%	Pass
Shaft	76%	Pass
Baseplate	64%	Pass

Foundations

Reaction Component	Original Design Reactions	Analysis Reactions	% of Design
Moment (Kips-Ft)	2678.3	1964.6	73%
Shear (Kips)	30.2	21.5	71%

The structure base reactions resulting from this analysis are acceptable when compared to those shown on the original structure drawings, therefore no modification or reinforcement of the foundation will be required.

Deflection, Twist and Sway*

Antenna Elevation (ft)	Antenna	Carrier	Deflection (ft)	Sway (Rotation) (°)
100.0	Commscope CBC78T-DS-43-2X	VERIZON WIRELESS	1.036	1.240
	Samsung B2/B66A RRH-BR049			
	Commscope JAHH-65B-R3B			
	Samsung MT6407-77A			
	Samsung B5/B13 RRH-BR04C			

***Deflection, Twist and Sway was evaluated considering a design wind speed of 60 mph (3-Second Gust) per ANSI/TIA-222-H**

Standard Conditions

All engineering services performed by A.T. Engineering Service, PLLC are prepared on the basis that the information used is current and correct. This information may consist of, but is not limited to the following:

- Information supplied by the client regarding antenna, mounts and feed line loading
- Information from drawings, design and analysis documents, and field notes in the possession of A.T. Engineering Service, PLLC

It is the responsibility of the client to ensure that the information provided to A.T. Engineering Service, PLLC and used in the performance of our engineering services is correct and complete.

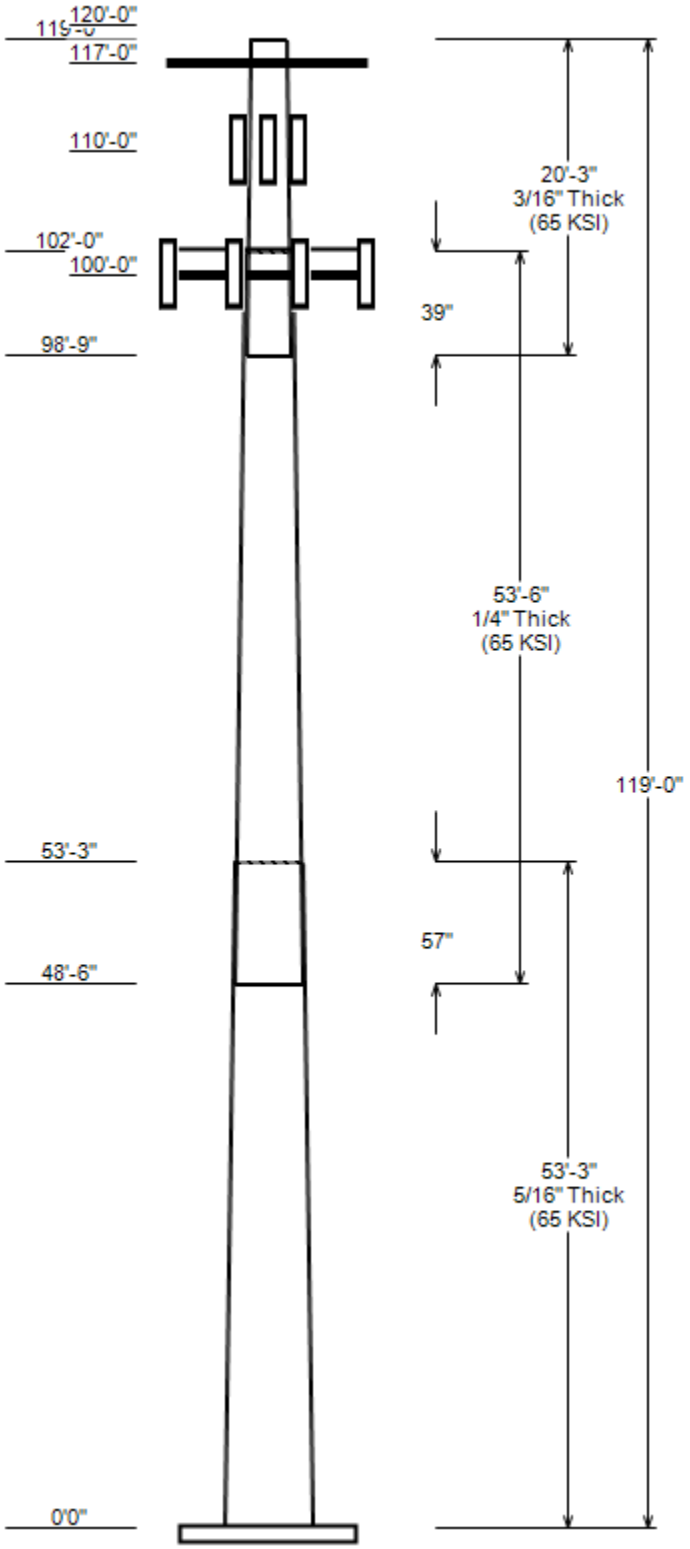
All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with the drawings and specifications.

Unless explicitly agreed by both the client and A.T. Engineering Service, PLLC, all services will be performed in accordance with the current revision of ANSI/TIA-222.

All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. A.T. Engineering Service, PLLC is not responsible for the conclusions, opinions and recommendations made by others based on the information supplied herein.

JOB INFORMATION

Asset :	283422, SHORT BEACH BRANFORD CT	Height :	119 ft
Client :	VERIZON WIRELESS	Base Width :	45.7
Code :	ANSI/TIA-222-H	Shape :	18 Sides



SITE PARAMETERS

Base Elev (ft):	0.00	Structure Class:	II
Taper :	0.24200 (In/ft)	Exposure :	C
Topographic Category :	1	Topographic Feature:	
Topo Method :	Method 1		

SECTION PROPERTIES

Shaft Section	Length (ft)	Diameter (in) Across Flats Top	Diameter (in) Across Flats Bottom	Thick (in)	Joint Type	Overlap Length (in)	Shape	Steel Grade (ksi)
1	53.250	32.80	45.70	0.312		0.000	18 Sides	65
2	53.500	21.50	34.45	0.250	Slip Joint	57.000	18 Sides	65
3	20.250	17.75	22.66	0.188	Slip Joint	39.000	18 Sides	65

DISCRETE APPURTENANCE

Attach Elev (ft)	Force Elev (ft)	Qty	Description
120.0	120.0	1	Commscope WCS-IMFQ-AMT
120.0	117.0	3	Raycap DC6-48-60-18-8F
120.0	120.0	3	Ericsson RRUS 8843 B2, B66A
120.0	120.0	3	Ericsson RRUS 4449 B5, B12
120.0	117.0	3	Ericsson RRUS 11 (Band 12)
120.0	120.0	3	Ericsson RRUS 32 B30 (60 lbs)
120.0	120.0	3	Ericsson RRUW
120.0	120.0	3	CCI HPA65R-BU8A
120.0	117.0	3	Andrew SBNH-1D6565C
120.0	117.0	3	CCI HPA-65R-BUU-H8
120.0	120.0	3	Kathrein Scala 80010966
117.0	117.0	1	Round Plafform w/ Handrails w/
110.0	110.0	1	Commscope RDIDC-9181-PF-48
110.0	110.0	3	Fujitsu TA08025-B605
110.0	110.0	3	Fujitsu TA08025-B604
110.0	110.0	3	JMA Wireless MX08FRO665-21
100.0	100.0	3	Commscope CBC78T-DS-43-2X
100.0	100.0	3	Samsung B2/B66A RRH-BR049
100.0	100.0	3	Samsung B5/B13 RRH-BR04C
100.0	100.0	3	Samsung MT6407-77A
100.0	100.0	2	RFS DB-T1-6Z-8AB-0Z
100.0	100.0	3	Antel BXA-70063-6CF-EDIN-X
100.0	100.0	6	Commscope JAHH-65B-R3B
100.0	100.0	1	Round Platform w/ Handrails

LINEAR APPURTENANCE

Elev From (ft)	Elev To (ft)	Description	Exp To Wind
0.0	120.0	3/8" (0.38"- 9.5mm) RET Control Cable	No
0.0	120.0	3" conduit	No
0.0	120.0	0.78" (19.7mm) 8 AWG 6	No
0.0	120.0	0.39" (10mm) Fiber Trunk	No
0.0	110.0	1.60" (40.6mm) Hybrid	No
0.0	100.0	1 5/8" Hybriflex	No
0.0	100.0	1 5/8" Coax	No

LOAD CASES

1.2D + 1.0W Normal	121 mph wind with no ice
0.9D + 1.0W Normal	121 mph wind with no ice
1.2D + 1.0Di + 1.0Wi Nor	50 mph wind with 1" radial ice
1.2D + 1.0Ev + 1.0Eh Nor	Seismic
0.9D - 1.0Ev + 1.0Eh Nor	Seismic (Reduced DL)
1.0D + 1.0W Service Norm	60 mph Wind with No Ice

JOB INFORMATION			
Asset :	283422, SHORT BEACH BRANFORD CT	Height :	119 ft
Client :	VERIZON WIRELESS	Base Width :	45.7
Code :	ANSI/TIA-222-H	Shape :	18 Sides

REACTIONS

Load Case	Moment (kip-ft)	Shear (Kip)	Axial (Kip)
1.2D + 1.0W Normal	1964.62	21.54	29.78
0.9D + 1.0W Normal	1940.57	21.53	22.32
1.2D + 1.0Di + 1.0Wi Normal	482.27	5.44	40.34
1.2D + 1.0Ev + 1.0Eh Normal	77.62	0.75	29.68
0.9D - 1.0Ev + 1.0Eh Normal	76.35	0.75	20.48
1.0D + 1.0W Service Normal	429.34	4.74	24.85

DISH DEFLECTIONS

Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)

ANALYSIS PARAMETERS

Location:	New Haven County,CT	Height:	119 ft
Type and Shape:	Taper, 18 Sides	Base Diameter:	45.70 in
Manufacturer:	Sabre	Top Diameter:	17.75 in
K_d (non-service):	0.95	Taper:	0.2420 in/ft
K_e:	1.00	Rotation:	0.000°

ICE & WIND PARAMETERS

Exposure Category:	C	Design Wind Speed w/o Ice:	121 mph
Risk Category:	II	Design Wind Speed w/Ice:	50 mph
Topo Factor Procedure:	Method 1	Operational Wind Speed:	60 mph
Topographic Category:	1	Design Ice Thickness:	1.00 in
Crest Height:	0 ft	HMSL:	59.00 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil			Period Based on Rayleigh Method (sec):	2.22
T_L (sec):	6	P:	1	$C_{s:}$	0.030
$S_{s:}$	0.200	$S_{1:}$	0.053	C_s Max:	0.030
$F_{a:}$	1.600	$F_{v:}$	2.400	C_s Min:	0.030
$S_{ds:}$	0.213	$S_{d1:}$	0.085		

LOAD CASES

1.2D + 1.0W Normal	121 mph wind with no ice
0.9D + 1.0W Normal	121 mph wind with no ice
1.2D + 1.0Di + 1.0Wi Normal	50 mph wind with 1" radial ice
1.2D + 1.0Ev + 1.0Eh Normal	Seismic
0.9D - 1.0Ev + 1.0Eh Normal	Seismic (Reduced DL)
1.0D + 1.0W Service Normal	60 mph Wind with No Ice

SHAFT SECTION PROPERTIES

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Slip Joint len (in)	Weight (lb)	Bottom Dia (in)	Bottom Elev (ft)	Bottom Area (in^2)	Bottom Ix (in^4)	Bottom W/t Ratio	Bottom D/t Ratio	Top Dia (in)	Top Elev (in)	Top Area (in^2)	Top Ix (in^4)	Top W/t Ratio	Top D/t Ratio	Taper (in/ft)
1-18	53.25	0.3125	65		0.00	6,998	45.70	0.000	45.02	11,716.6	24.02	146.24	32.80	53.25	32.23	4,297.9	16.75	104.97	0.2422
2-18	53.50	0.2500	65	Slip	57.00	4,005	34.45	48.500	27.14	4,011.3	22.54	137.81	21.50	102.00	16.86	961.4	13.40	85.98	0.2422
3-18	20.25	0.1875	65	Slip	39.00	821	22.66	98.750	13.37	853.0	19.54	120.84	17.75	119.00	10.45	407.5	14.93	94.68	0.2422
				Shaft Weight		11,824													

DISCRETE APPURTENANCE PROPERTIES

Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	No Ice Weight (lb)	No Ice EPAa (sf)	No Ice Orientation Factor	Ice Weight (lb)	Ice EPAa (sf)	Ice Orientation Factor
120.00	Raycap DC6-48-60-18-8F	3	0.75	-3.000	20.00	1.260	1.00	54.34	1.689	1.00
120.00	Commscope WCS-IMFQ-AMT	1	0.75	0.000	29.50	0.989	1.00	51.47	1.420	1.00
120.00	Ericsson RRUS 11 (Band 12)	3	0.75	-3.000	50.00	2.566	0.50	94.46	3.249	0.50
120.00	Ericsson RRUW	3	0.75	0.000	44.10	3.146	0.63	95.07	3.924	0.63
120.00	Ericsson RRUS 32 B30 (60 lbs)	3	0.75	0.000	60.00	2.692	0.50	106.34	3.445	0.50
120.00	Kathrein Scala 80010966	3	0.75	0.000	114.60	17.363	0.63	324.02	19.769	0.63
120.00	Ericsson RRUS 4449 B5, B12	3	0.75	0.000	71.00	1.969	0.50	113.03	2.577	0.50
120.00	Ericsson RRUS 8843 B2, B66A	3	0.75	0.000	72.00	1.639	0.50	111.98	2.190	0.50
120.00	CCI HPA-65R-BUU-H8	3	0.75	-3.000	68.00	12.976	0.67	235.58	15.311	0.67
120.00	Andrew SBNH-1D6565C	3	0.75	-3.000	66.10	11.440	0.70	215.72	13.550	0.70
120.00	CCI HPA65R-BU8A	3	0.75	0.000	54.00	11.230	0.71	205.51	13.332	0.71
117.00	Round Plafform w/ Handrails w/	1	1.00	0.000	2500.00	32.700	1.00	3656.63	43.231	1.00
110.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	115.48	2.556	0.50
110.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	101.58	2.556	0.50
110.00	Commscope RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	1.00	58.67	2.449	1.00
110.00	JMA Wireless MX08FRO665-21	3	0.75	0.000	64.50	12.489	0.64	230.58	14.305	0.64
100.00	Commscope JAHH-65B-R3B	6	0.75	0.000	60.60	9.113	0.69	190.30	10.892	0.69
100.00	Antel BXA-70063-6CF-EDIN-X	3	0.75	0.000	17.00	7.569	0.66	111.88	9.337	0.66
100.00	RFS DB-T1-6Z-8AB-0Z	2	0.75	0.000	44.00	4.800	0.72	124.69	5.711	0.72
100.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	146.94	5.683	0.61
100.00	Samsung B5/B13 RRH-BR04C	3	0.75	0.000	70.30	1.875	0.50	106.97	2.454	0.50
100.00	Samsung B2/B66A RRH-BR049	3	0.75	0.000	84.40	1.875	0.50	125.30	2.454	0.50
100.00	Commscope CBC78T-DS-43-2X	3	0.75	0.000	20.70	0.552	0.50	34.86	0.878	0.50
100.00	Round Platform w/ Handrails	1	1.00	0.000	2000.00	27.200	1.00	2830.71	42.871	1.00
Totals	Num Loadings: 24	66			8,294.60			15,577.58		

LINEAR APPURTENANCE PROPERTIES

Load Case Azimuth (deg) : _

Elev From (ft)	Elev To (ft)	Qty	Description	Coax Dia (in)	Coax Wt (lb/ft)	Flat	Max Coax/ Row	Dist Between Rows(in)	Dist Between Cols(in)	Azimuth (deg)	Dist From Face (in)	Exposed To Wind	Carrier
0.00	120.00	6	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	120.00	3	0.39" (10mm) Fiber Tr	0.39	0.06	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	120.00	3	3/8" (0.38"- 9.5mm) R	0.38	0.23	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	120.00	3	3" conduit	3.5	7.58	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	110.00	1	1.60" (40.6mm) Hybrid	1.6	2.34	N	0	0	0	0	0	N	DISH WIRELESS
0.00	100.00	12	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	VERIZON WIREL
0.00	100.00	2	1 5/8" Hybriflex	1.98	1.3	N	0	0	0	0	0	N	VERIZON WIREL

SEGMENT PROPERTIES

(Max Len: 5.ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in^3)	Z (in^3)	Weight (lb)
0.00		0.3125	45.700	45.017	11,716.60	24.02	146.24	73.1	505.0	0.0	0.0
5.00		0.3125	44.489	43.816	10,803.60	23.34	142.36	73.9	478.3	0.0	755.7
10.00		0.3125	43.278	42.615	9,939.30	22.66	138.49	74.8	452.3	0.0	735.3
15.00		0.3125	42.067	41.414	9,122.30	21.97	134.61	75.6	427.1	0.0	714.8
20.00		0.3125	40.856	40.213	8,351.40	21.29	130.74	76.4	402.6	0.0	694.4
25.00		0.3125	39.645	39.012	7,625.20	20.61	126.86	77.2	378.8	0.0	674.0
30.00		0.3125	38.434	37.810	6,942.30	19.92	122.99	78	355.8	0.0	653.5
35.00		0.3125	37.223	36.609	6,301.50	19.24	119.11	78.8	333.4	0.0	633.1
40.00		0.3125	36.012	35.408	5,701.40	18.56	115.24	79.6	311.8	0.0	612.6
45.00		0.3125	34.801	34.207	5,140.60	17.87	111.36	80.4	290.9	0.0	592.2
48.50	Bot - Section 2	0.3125	33.953	33.366	4,770.80	17.39	108.65	80.9	276.8	0.0	402.4
50.00		0.3125	33.590	33.006	4,617.90	17.19	107.49	81.2	270.8	0.0	307.2
53.25	Top - Section 1	0.2500	33.303	26.226	3,620.00	21.73	133.21	75.8	214.1	0.0	654.2
55.00		0.2500	32.879	25.890	3,482.50	21.43	131.52	76.2	208.6	0.0	155.2
60.00		0.2500	31.668	24.929	3,109.00	20.57	126.67	77.2	193.4	0.0	432.3
65.00		0.2500	30.457	23.968	2,763.20	19.72	121.83	78.2	178.7	0.0	416.0
70.00		0.2500	29.246	23.007	2,444.00	18.86	116.98	79.2	164.6	0.0	399.6
75.00		0.2500	28.035	22.047	2,150.40	18.01	112.14	80.2	151.1	0.0	383.3
80.00		0.2500	26.824	21.086	1,881.30	17.16	107.30	81.2	138.1	0.0	366.9
85.00		0.2500	25.613	20.125	1,635.60	16.30	102.45	82.2	125.8	0.0	350.6
90.00		0.2500	24.402	19.164	1,412.40	15.45	97.61	82.6	114.0	0.0	334.2
95.00		0.2500	23.191	18.203	1,210.40	14.59	92.76	82.6	102.8	0.0	317.9
98.75	Bot - Section 3	0.2500	22.283	17.482	1,072.20	13.95	89.13	82.6	94.8	0.0	227.7
100.00		0.2500	21.980	17.242	1,028.60	13.74	87.92	82.6	92.2	0.0	130.3
102.00	Top - Section 2	0.1875	21.871	12.904	766.50	18.80	116.64	79.3	69.0	0.0	204.8
105.00		0.1875	21.144	12.471	692.00	18.12	112.77	80.1	64.5	0.0	129.5
110.00		0.1875	19.933	11.751	578.80	16.98	106.31	81.4	57.2	0.0	206.1
115.00		0.1875	18.722	11.030	478.70	15.84	99.85	82.6	50.4	0.0	193.8
117.00		0.1875	18.238	10.742	442.20	15.39	97.27	82.6	47.8	0.0	74.1
119.00		0.1875	17.753	10.453	407.50	14.93	94.68	82.6	45.2	0.0	72.1
								Totals:			11,823.8

Load Case: 1.2D + 1.0W Normal 121 mph wind with no ice 23 Iterations
Gust Response Factor: 1.10
Dead load Factor: 1.20
Wind Load Factor: 1.00

CALCULATED FORCES

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 (deg)	Ratio
0.00	-29.78	-21.54	0.00	-1,964.6	0.00	1,964.62	2,963.53	790.05	3,238.73	2,770.25	0.00	0	0.720
5.00	-28.53	-21.20	0.00	-1,856.9	0.00	1,856.91	2,916.15	768.97	3,068.22	2,652.73	0.12	-0.23	0.711
10.00	-27.31	-20.86	0.00	-1,750.9	0.00	1,750.91	2,867.03	747.89	2,902.33	2,536.05	0.50	-0.47	0.701
15.00	-26.12	-20.53	0.00	-1,646.6	0.00	1,646.59	2,816.18	726.81	2,741.05	2,420.35	1.12	-0.71	0.690
20.00	-24.95	-20.18	0.00	-1,544.0	0.00	1,543.96	2,763.58	705.73	2,584.37	2,305.75	2.00	-0.96	0.679
25.00	-23.81	-19.81	0.00	-1,443.1	0.00	1,443.08	2,709.26	684.65	2,432.31	2,192.39	3.14	-1.22	0.668
30.00	-22.70	-19.44	0.00	-1,344.0	0.00	1,344.02	2,653.19	663.57	2,284.86	2,080.40	4.55	-1.48	0.655
35.00	-21.61	-19.05	0.00	-1,246.8	0.00	1,246.83	2,595.39	642.49	2,142.02	1,969.90	6.24	-1.74	0.642
40.00	-20.55	-18.67	0.00	-1,151.6	0.00	1,151.57	2,535.84	621.41	2,003.78	1,861.03	8.21	-2.01	0.628
45.00	-19.53	-18.33	0.00	-1,058.2	0.00	1,058.23	2,474.56	600.33	1,870.16	1,753.92	10.47	-2.29	0.612
48.50	-18.84	-18.12	0.00	-994.1	0.00	994.08	2,430.64	585.58	1,779.37	1,680.06	12.22	-2.49	0.600
50.00	-18.36	-17.94	0.00	-966.9	0.00	966.89	2,411.55	579.25	1,741.15	1,648.70	13.01	-2.57	0.595
53.25	-17.38	-17.71	0.00	-908.6	0.00	908.60	1,790.30	460.27	1,374.10	1,217.91	14.83	-2.76	0.757
55.00	-17.05	-17.47	0.00	-877.6	0.00	877.60	1,775.53	454.37	1,339.09	1,192.26	15.86	-2.87	0.747
60.00	-16.20	-17.09	0.00	-790.2	0.00	790.25	1,732.17	437.51	1,241.55	1,119.65	19.04	-3.21	0.717
65.00	-15.38	-16.72	0.00	-704.8	0.00	704.79	1,687.08	420.65	1,147.69	1,048.13	22.58	-3.55	0.683
70.00	-14.58	-16.34	0.00	-621.2	0.00	621.21	1,640.24	403.78	1,057.53	977.85	26.48	-3.89	0.646
75.00	-13.80	-15.97	0.00	-539.5	0.00	539.51	1,591.67	386.92	971.05	908.92	30.74	-4.23	0.604
80.00	-13.06	-15.60	0.00	-459.7	0.00	459.66	1,541.36	370.05	888.26	841.49	35.34	-4.56	0.556
85.00	-12.33	-15.24	0.00	-381.6	0.00	381.65	1,489.32	353.19	809.16	775.68	40.28	-4.88	0.502
90.00	-11.64	-14.87	0.00	-305.5	0.00	305.47	1,423.78	336.33	733.74	705.79	45.54	-5.17	0.443
95.00	-10.98	-14.55	0.00	-231.1	0.00	231.10	1,352.39	319.46	662.02	636.45	51.11	-5.44	0.373
98.75	-10.51	-14.36	0.00	-176.5	0.00	176.53	1,298.85	306.82	610.64	586.79	55.45	-5.62	0.311
100.00	-6.79	-9.75	0.00	-158.6	0.00	158.58	1,281.00	302.60	593.98	570.68	56.93	-5.68	0.284
102.00	-6.48	-9.56	0.00	-139.1	0.00	139.09	920.75	226.46	443.53	410.46	59.32	-5.76	0.348
105.00	-6.22	-9.30	0.00	-110.4	0.00	110.40	898.91	218.87	414.30	387.19	62.98	-5.87	0.294
110.00	-5.18	-7.68	0.00	-63.9	0.00	63.92	861.13	206.22	367.81	349.29	69.22	-6.05	0.190
115.00	-4.80	-7.44	0.00	-25.5	0.00	25.51	819.47	193.58	324.08	311.81	75.61	-6.16	0.089
117.00	-1.86	-5.32	0.00	-10.6	0.00	10.64	798.05	188.52	307.37	295.65	78.20	-6.18	0.039
119.00	0.00	-5.09	0.00	0.0	0.00	0.00	776.64	183.46	291.09	279.91	80.78	-6.19	0.001

Load Case: 0.9D + 1.0W Normal 121 mph wind with no ice 23 Iterations
Gust Response Factor: 1.10
Dead load Factor: 0.90
Wind Load Factor: 1.00

CALCULATED FORCES

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 (deg)	Ratio
0.00	-22.32	-21.53	0.00	-1,940.6	0.00	1,940.57	2,963.53	790.05	3,238.73	2,770.25	0.00	0	0.709
5.00	-21.37	-21.15	0.00	-1,832.9	0.00	1,832.94	2,916.15	768.97	3,068.22	2,652.73	0.12	-0.23	0.699
10.00	-20.43	-20.79	0.00	-1,727.2	0.00	1,727.17	2,867.03	747.89	2,902.33	2,536.05	0.49	-0.46	0.689
15.00	-19.52	-20.43	0.00	-1,623.2	0.00	1,623.22	2,816.18	726.81	2,741.05	2,420.35	1.10	-0.7	0.678
20.00	-18.63	-20.05	0.00	-1,521.1	0.00	1,521.09	2,763.58	705.73	2,584.37	2,305.75	1.97	-0.95	0.667
25.00	-17.75	-19.66	0.00	-1,420.8	0.00	1,420.83	2,709.26	684.65	2,432.31	2,192.39	3.10	-1.2	0.655
30.00	-16.90	-19.27	0.00	-1,322.5	0.00	1,322.52	2,653.19	663.57	2,284.86	2,080.40	4.49	-1.45	0.643
35.00	-16.07	-18.86	0.00	-1,226.2	0.00	1,226.19	2,595.39	642.49	2,142.02	1,969.90	6.16	-1.72	0.630
40.00	-15.26	-18.46	0.00	-1,131.9	0.00	1,131.87	2,535.84	621.41	2,003.78	1,861.03	8.10	-1.98	0.615
45.00	-14.48	-18.11	0.00	-1,039.6	0.00	1,039.57	2,474.56	600.33	1,870.16	1,753.92	10.32	-2.25	0.599
48.50	-13.95	-17.90	0.00	-976.2	0.00	976.19	2,430.64	585.58	1,779.37	1,680.06	12.04	-2.45	0.588
50.00	-13.58	-17.70	0.00	-949.3	0.00	949.34	2,411.55	579.25	1,741.15	1,648.70	12.82	-2.53	0.582
53.25	-12.84	-17.48	0.00	-891.8	0.00	891.81	1,790.30	460.27	1,374.10	1,217.91	14.61	-2.72	0.741
55.00	-12.58	-17.22	0.00	-861.2	0.00	861.22	1,775.53	454.37	1,339.09	1,192.26	15.63	-2.82	0.731
60.00	-11.93	-16.83	0.00	-775.1	0.00	775.11	1,732.17	437.51	1,241.55	1,119.65	18.76	-3.15	0.701
65.00	-11.30	-16.44	0.00	-691.0	0.00	690.98	1,687.08	420.65	1,147.69	1,048.13	22.25	-3.49	0.667
70.00	-10.68	-16.05	0.00	-608.8	0.00	608.79	1,640.24	403.78	1,057.53	977.85	26.08	-3.82	0.631
75.00	-10.09	-15.67	0.00	-528.5	0.00	528.54	1,591.67	386.92	971.05	908.92	30.26	-4.16	0.589
80.00	-9.52	-15.29	0.00	-450.2	0.00	450.19	1,541.36	370.05	888.26	841.49	34.78	-4.48	0.543
85.00	-8.96	-14.92	0.00	-373.7	0.00	373.72	1,489.32	353.19	809.16	775.68	39.64	-4.79	0.490
90.00	-8.44	-14.56	0.00	-299.1	0.00	299.10	1,423.78	336.33	733.74	705.79	44.81	-5.08	0.432
95.00	-7.94	-14.24	0.00	-226.3	0.00	226.30	1,352.39	319.46	662.02	636.45	50.28	-5.35	0.363
98.75	-7.58	-14.05	0.00	-172.9	0.00	172.90	1,298.85	306.82	610.64	586.79	54.54	-5.52	0.303
100.00	-4.88	-9.55	0.00	-155.3	0.00	155.34	1,281.00	302.60	593.98	570.68	56.00	-5.58	0.277
102.00	-4.65	-9.37	0.00	-136.2	0.00	136.25	920.75	226.46	443.53	410.46	58.35	-5.66	0.339
105.00	-4.46	-9.10	0.00	-108.2	0.00	108.15	898.91	218.87	414.30	387.19	61.93	-5.77	0.286
110.00	-3.71	-7.52	0.00	-62.6	0.00	62.64	861.13	206.22	367.81	349.29	68.07	-5.94	0.185
115.00	-3.43	-7.28	0.00	-25.1	0.00	25.07	819.47	193.58	324.08	311.81	74.34	-6.05	0.086
117.00	-1.26	-5.25	0.00	-10.5	0.00	10.51	798.05	188.52	307.37	295.65	76.88	-6.07	0.038
119.00	0.00	-5.09	0.00	0.0	0.00	0.00	776.64	183.46	291.09	279.91	79.42	-6.08	0.001

Load Case: 1.2D + 1.0Di + 1.0Wi Normal	50 mph wind with 1" radial ice				22 Iterations
Gust Response Factor:	1.10	Ice Dead Load Factor	1.00		
Dead load Factor:	1.20			Ice Importance Factor	1.00
Wind Load Factor:	1.00				

CALCULATED FORCES

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 (deg)	Ratio
0.00	-40.34	-5.44	0.00	-482.3	0.00	482.27	2,963.53	790.05	3,238.73	2,770.25	0.00	0	0.188
5.00	-38.96	-5.34	0.00	-455.1	0.00	455.08	2,916.15	768.97	3,068.22	2,652.73	0.03	-0.06	0.185
10.00	-37.58	-5.25	0.00	-428.4	0.00	428.35	2,867.03	747.89	2,902.33	2,536.05	0.12	-0.12	0.182
15.00	-36.22	-5.16	0.00	-402.1	0.00	402.09	2,816.18	726.81	2,741.05	2,420.35	0.27	-0.17	0.179
20.00	-34.89	-5.06	0.00	-376.3	0.00	376.31	2,763.58	705.73	2,584.37	2,305.75	0.49	-0.24	0.176
25.00	-33.58	-4.96	0.00	-351.0	0.00	351.01	2,709.26	684.65	2,432.31	2,192.39	0.77	-0.3	0.173
30.00	-32.30	-4.85	0.00	-326.2	0.00	326.22	2,653.19	663.57	2,284.86	2,080.40	1.11	-0.36	0.169
35.00	-31.04	-4.74	0.00	-302.0	0.00	301.96	2,595.39	642.49	2,142.02	1,969.90	1.53	-0.42	0.165
40.00	-29.82	-4.63	0.00	-278.2	0.00	278.24	2,535.84	621.41	2,003.78	1,861.03	2.01	-0.49	0.161
45.00	-28.62	-4.54	0.00	-255.1	0.00	255.07	2,474.56	600.33	1,870.16	1,753.92	2.56	-0.56	0.157
48.50	-27.80	-4.48	0.00	-239.2	0.00	239.18	2,430.64	585.58	1,779.37	1,680.06	2.98	-0.6	0.154
50.00	-27.29	-4.43	0.00	-232.5	0.00	232.46	2,411.55	579.25	1,741.15	1,648.70	3.17	-0.63	0.152
53.25	-26.19	-4.36	0.00	-218.1	0.00	218.08	1,790.30	460.27	1,374.10	1,217.91	3.62	-0.67	0.194
55.00	-25.83	-4.30	0.00	-210.4	0.00	210.44	1,775.53	454.37	1,339.09	1,192.26	3.87	-0.7	0.191
60.00	-24.84	-4.19	0.00	-189.0	0.00	188.97	1,732.17	437.51	1,241.55	1,119.65	4.64	-0.78	0.183
65.00	-23.88	-4.08	0.00	-168.0	0.00	168.03	1,687.08	420.65	1,147.69	1,048.13	5.50	-0.86	0.175
70.00	-22.94	-3.97	0.00	-147.6	0.00	147.62	1,640.24	403.78	1,057.53	977.85	6.44	-0.94	0.165
75.00	-22.03	-3.87	0.00	-127.8	0.00	127.76	1,591.67	386.92	971.05	908.92	7.47	-1.02	0.154
80.00	-21.14	-3.76	0.00	-108.4	0.00	108.42	1,541.36	370.05	888.26	841.49	8.58	-1.1	0.143
85.00	-20.28	-3.65	0.00	-89.6	0.00	89.62	1,489.32	353.19	809.16	775.68	9.77	-1.17	0.129
90.00	-19.45	-3.55	0.00	-71.4	0.00	71.35	1,423.78	336.33	733.74	705.79	11.04	-1.24	0.115
95.00	-18.65	-3.45	0.00	-53.6	0.00	53.62	1,352.39	319.46	662.02	636.45	12.38	-1.31	0.098
98.75	-18.07	-3.39	0.00	-40.7	0.00	40.67	1,298.85	306.82	610.64	586.79	13.42	-1.35	0.083
100.00	-11.94	-2.28	0.00	-36.4	0.00	36.43	1,281.00	302.60	593.98	570.68	13.77	-1.36	0.073
102.00	-11.56	-2.22	0.00	-31.9	0.00	31.87	920.75	226.46	443.53	410.46	14.35	-1.38	0.090
105.00	-11.21	-2.14	0.00	-25.2	0.00	25.20	898.91	218.87	414.30	387.19	15.22	-1.4	0.078
110.00	-9.28	-1.76	0.00	-14.5	0.00	14.49	861.13	206.22	367.81	349.29	16.72	-1.45	0.052
115.00	-8.75	-1.68	0.00	-5.7	0.00	5.69	819.47	193.58	324.08	311.81	18.25	-1.47	0.029
117.00	-4.65	-1.16	0.00	-2.3	0.00	2.33	798.05	188.52	307.37	295.65	18.86	-1.48	0.014
119.00	0.00	-1.04	0.00	0.0	0.00	0.00	776.64	183.46	291.09	279.91	19.48	-1.48	0.000

Load Case: 1.0D + 1.0W Service Normal 60 mph Wind with No Ice 22 Iterations
Gust Response Factor: 1.10
Dead load Factor: 1.00
Wind Load Factor: 1.00

CALCULATED FORCES

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 (deg)	Ratio
0.00	-24.85	-4.74	0.00	-429.3	0.00	429.34	2,963.53	790.05	3,238.73	2,770.25	0.00	0	0.163
5.00	-23.88	-4.66	0.00	-405.7	0.00	405.66	2,916.15	768.97	3,068.22	2,652.73	0.03	-0.05	0.161
10.00	-22.93	-4.58	0.00	-382.4	0.00	382.37	2,867.03	747.89	2,902.33	2,536.05	0.11	-0.1	0.159
15.00	-22.00	-4.50	0.00	-359.5	0.00	359.47	2,816.18	726.81	2,741.05	2,420.35	0.24	-0.16	0.156
20.00	-21.09	-4.42	0.00	-337.0	0.00	336.97	2,763.58	705.73	2,584.37	2,305.75	0.44	-0.21	0.154
25.00	-20.21	-4.34	0.00	-314.9	0.00	314.86	2,709.26	684.65	2,432.31	2,192.39	0.69	-0.27	0.151
30.00	-19.34	-4.25	0.00	-293.2	0.00	293.17	2,653.19	663.57	2,284.86	2,080.40	0.99	-0.32	0.148
35.00	-18.49	-4.17	0.00	-271.9	0.00	271.91	2,595.39	642.49	2,142.02	1,969.90	1.36	-0.38	0.145
40.00	-17.67	-4.08	0.00	-251.1	0.00	251.08	2,535.84	621.41	2,003.78	1,861.03	1.79	-0.44	0.142
45.00	-16.86	-4.00	0.00	-230.7	0.00	230.69	2,474.56	600.33	1,870.16	1,753.92	2.29	-0.5	0.138
48.50	-16.31	-3.96	0.00	-216.7	0.00	216.68	2,430.64	585.58	1,779.37	1,680.06	2.67	-0.54	0.136
50.00	-15.94	-3.92	0.00	-210.7	0.00	210.74	2,411.55	579.25	1,741.15	1,648.70	2.84	-0.56	0.134
53.25	-15.15	-3.87	0.00	-198.0	0.00	198.02	1,790.30	460.27	1,374.10	1,217.91	3.24	-0.6	0.171
55.00	-14.92	-3.81	0.00	-191.2	0.00	191.25	1,775.53	454.37	1,339.09	1,192.26	3.46	-0.63	0.169
60.00	-14.27	-3.73	0.00	-172.2	0.00	172.19	1,732.17	437.51	1,241.55	1,119.65	4.16	-0.7	0.162
65.00	-13.64	-3.64	0.00	-153.6	0.00	153.56	1,687.08	420.65	1,147.69	1,048.13	4.93	-0.77	0.155
70.00	-13.03	-3.56	0.00	-135.3	0.00	135.34	1,640.24	403.78	1,057.53	977.85	5.78	-0.85	0.146
75.00	-12.43	-3.48	0.00	-117.5	0.00	117.54	1,591.67	386.92	971.05	908.92	6.71	-0.92	0.137
80.00	-11.85	-3.40	0.00	-100.1	0.00	100.14	1,541.36	370.05	888.26	841.49	7.71	-0.99	0.127
85.00	-11.29	-3.32	0.00	-83.2	0.00	83.16	1,489.32	353.19	809.16	775.68	8.79	-1.06	0.115
90.00	-10.75	-3.24	0.00	-66.6	0.00	66.57	1,423.78	336.33	733.74	705.79	9.94	-1.13	0.102
95.00	-10.22	-3.17	0.00	-50.4	0.00	50.38	1,352.39	319.46	662.02	636.45	11.16	-1.19	0.087
98.75	-9.83	-3.13	0.00	-38.5	0.00	38.49	1,298.85	306.82	610.64	586.79	12.11	-1.23	0.073
100.00	-6.40	-2.12	0.00	-34.6	0.00	34.58	1,281.00	302.60	593.98	570.68	12.43	-1.24	0.066
102.00	-6.13	-2.08	0.00	-30.3	0.00	30.33	920.75	226.46	443.53	410.46	12.95	-1.26	0.081
105.00	-5.91	-2.03	0.00	-24.1	0.00	24.08	898.91	218.87	414.30	387.19	13.75	-1.28	0.069
110.00	-4.94	-1.67	0.00	-14.0	0.00	13.95	861.13	206.22	367.81	349.29	15.11	-1.32	0.046
115.00	-4.61	-1.62	0.00	-5.6	0.00	5.58	819.47	193.58	324.08	311.81	16.51	-1.34	0.024
117.00	-1.99	-1.17	0.00	-2.3	0.00	2.33	798.05	188.52	307.37	295.65	17.07	-1.35	0.010
119.00	0.00	-1.12	0.00	0.0	0.00	0.00	776.64	183.46	291.09	279.91	17.64	-1.35	0.000

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

(Based on ASCE7-16 Chapters 11, 12 and 15)

Spectral Response Acceleration for Short Period (S_S):	0.200
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.053
Long-Period Transition Period (T_L – Seconds):	6
Importance Factor (I_e):	1.000
Site Coefficient F_a:	1.600
Site Coefficient F_v:	2.400
Response Modification Coefficient (R):	1.500
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.213
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.085
Seismic Response Coefficient (C_s):	0.030
Upper Limit C_S:	0.030
Lower Limit C_S:	0.030
Period based on Rayleigh Method (sec):	2.220
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	1.860
Total Unfactored Dead Load:	24.850 k
Seismic Base Shear (E):	0.750 k

1.2D + 1.0Ev + 1.0Eh Normal **Seismic**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
29	118	126	911	0.011	8	157
28	116	128	896	0.010	8	160
27	112.5	330	2,173	0.026	19	410
26	107.5	354	2,142	0.025	19	439
25	103.5	218	1,231	0.014	11	271
24	101	264	1,423	0.017	12	328
23	99.375	183	957	0.011	8	227
22	96.875	385	1,922	0.023	17	478
21	92.5	528	2,416	0.028	21	656
20	87.5	544	2,246	0.026	20	676
19	82.5	560	2,074	0.024	18	696
18	77.5	577	1,900	0.022	17	716
17	72.5	593	1,725	0.020	15	737
16	67.5	609	1,552	0.018	14	757
15	62.5	626	1,381	0.016	12	777
14	57.5	642	1,213	0.014	11	798
13	54.125	229	386	0.004	3	284
12	51.625	790	1,222	0.014	11	982
11	49.25	370	524	0.006	5	460
10	46.75	549	706	0.008	6	682
9	42.5	802	863	0.010	8	996
8	37.5	822	701	0.008	6	1,022
7	32.5	843	551	0.006	5	1,047
6	27.5	863	413	0.005	4	1,073
5	22.5	884	291	0.003	3	1,098
4	17.5	904	187	0.002	2	1,123
3	12.5	924	102	0.001	1	1,149
2	7.5	945	40	0.000	0	1,174
1	2.5	965	5	0.000	0	1,200
Commscope WCS-IMFQ-AMT	119	30	216	0.002	2	37
Raycap DC6-48-60-18-8F	119	60	439	0.005	4	75
Ericsson RRUS 8843 B2, B66A	119	216	1,581	0.019	14	268
Ericsson RRUS 4449 B5, B12	119	213	1,560	0.018	14	265
Ericsson RRUS 11 (Band 12)	119	150	1,098	0.013	10	186

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
Ericsson RRUS 32 B30 (60 lbs)	119	180	1,318	0.016	12	224
Ericsson RRUW	119	132	969	0.011	8	164
CCI HPA65R-BU8A	119	162	1,186	0.014	10	201
Andrew SBNH-1D6565C	119	198	1,452	0.017	13	246
CCI HPA-65R-BUU-H8	119	204	1,494	0.018	13	254
Kathrein Scala 80010966	119	344	2,517	0.030	22	427
Round Plafform w/ Handrails w/ Proposed HRK	117	2,500	17,736	0.208	155	3,107
Commscope RDIDC-9181-PF-48	110	22	139	0.002	1	27
Fujitsu TA08025-B604	110	192	1,212	0.014	11	238
Fujitsu TA08025-B605	110	225	1,423	0.017	12	280
JMA Wireless MX08FRO665-21	110	194	1,224	0.014	11	240
Commscope CBC78T-DS-43-2X	100	62	329	0.004	3	77
Samsung B2/B66A RRH-BR049	100	253	1,341	0.016	12	315
Samsung B5/B13 RRH-BR04C	100	211	1,117	0.013	10	262
Samsung MT6407-77A	100	245	1,296	0.015	11	304
RFS DB-T1-6Z-8AB-0Z	100	88	466	0.006	4	109
Antel BXA-70063-6CF-EDIN-X	100	51	270	0.003	2	63
Commscope JAHH-65B-R3B	100	364	1,926	0.023	17	452
Round Platform w/ Handrails	100	2,000	10,592	0.124	93	2,485
		24,851	85,055	1.000	746	30,881

0.9D - 1.0Ev + 1.0Eh Normal **Seismic (Reduced DL)**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
29	118	126	911	0.011	8	108
28	116	128	896	0.010	8	110
27	112.5	330	2,173	0.026	19	283
26	107.5	354	2,142	0.025	19	303
25	103.5	218	1,231	0.014	11	187
24	101	264	1,423	0.017	12	226
23	99.375	183	957	0.011	8	157
22	96.875	385	1,922	0.023	17	330
21	92.5	528	2,416	0.028	21	452
20	87.5	544	2,246	0.026	20	466
19	82.5	560	2,074	0.024	18	480
18	77.5	577	1,900	0.022	17	494
17	72.5	593	1,725	0.020	15	508
16	67.5	609	1,552	0.018	14	522
15	62.5	626	1,381	0.016	12	536
14	57.5	642	1,213	0.014	11	550
13	54.125	229	386	0.004	3	196
12	51.625	790	1,222	0.014	11	678
11	49.25	370	524	0.006	5	317
10	46.75	549	706	0.008	6	471
9	42.5	802	863	0.010	8	687
8	37.5	822	701	0.008	6	705
7	32.5	843	551	0.006	5	723
6	27.5	863	413	0.005	4	740
5	22.5	884	291	0.003	3	758
4	17.5	904	187	0.002	2	775
3	12.5	924	102	0.001	1	793
2	7.5	945	40	0.000	0	810
1	2.5	965	5	0.000	0	828
Commscope WCS-IMFQ-AMT	119	30	216	0.002	2	25
Raycap DC6-48-60-18-8F	119	60	439	0.005	4	51
Ericsson RRUS 8843 B2, B66A	119	216	1,581	0.019	14	185
Ericsson RRUS 4449 B5, B12	119	213	1,560	0.018	14	183
Ericsson RRUS 11 (Band 12)	119	150	1,098	0.013	10	129
Ericsson RRUS 32 B30 (60 lbs)	119	180	1,318	0.016	12	154
Ericsson RRUW	119	132	969	0.011	8	113
CCI HPA65R-BU8A	119	162	1,186	0.014	10	139
Andrew SBNH-1D6565C	119	198	1,452	0.017	13	170

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
CCI HPA-65R-BUU-H8	119	204	1,494	0.018	13	175
Kathrein Scala 80010966	119	344	2,517	0.030	22	295
Round Plafform w/ Handrails w/ Proposed HRK	117	2,500	17,736	0.208	155	2,143
Commscope RDIDC-9181-PF-48	110	22	139	0.002	1	19
Fujitsu TA08025-B604	110	192	1,212	0.014	11	164
Fujitsu TA08025-B605	110	225	1,423	0.017	12	193
JMA Wireless MX08FRO665-21	110	194	1,224	0.014	11	166
Commscope CBC78T-DS-43-2X	100	62	329	0.004	3	53
Samsung B2/B66A RRH-BR049	100	253	1,341	0.016	12	217
Samsung B5/B13 RRH-BR04C	100	211	1,117	0.013	10	181
Samsung MT6407-77A	100	245	1,296	0.015	11	210
RFS DB-T1-6Z-8AB-0Z	100	88	466	0.006	4	75
Antel BXA-70063-6CF-EDIN-X	100	51	270	0.003	2	44
Commscope JAHH-65B-R3B	100	364	1,926	0.023	17	312
Round Platform w/ Handrails	100	2,000	10,592	0.124	93	1,715
		24,851	85,055	1.000	746	21,305

1.2D + 1.0Ev + 1.0Eh Normal **Seismic**

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-29.68	-0.75	0.00	-77.62	0.00	77.62	2,963.53	790.05	3,239	2,770.25	0.00	0.00	0.04
5.00	-28.51	-0.75	0.00	-73.88	0.00	73.88	2,916.15	768.97	3,068	2,652.73	0.00	-0.01	0.04
10.00	-27.36	-0.76	0.00	-70.12	0.00	70.12	2,867.03	747.89	2,902	2,536.05	0.02	-0.02	0.04
15.00	-26.23	-0.76	0.00	-66.35	0.00	66.35	2,816.18	726.81	2,741	2,420.35	0.04	-0.03	0.04
20.00	-25.14	-0.76	0.00	-62.56	0.00	62.56	2,763.58	705.73	2,584	2,305.75	0.08	-0.04	0.04
25.00	-24.06	-0.76	0.00	-58.77	0.00	58.77	2,709.26	684.65	2,432	2,192.39	0.13	-0.05	0.04
30.00	-23.02	-0.76	0.00	-54.97	0.00	54.97	2,653.19	663.57	2,285	2,080.40	0.18	-0.06	0.04
35.00	-21.99	-0.75	0.00	-51.18	0.00	51.18	2,595.39	642.49	2,142	1,969.90	0.25	-0.07	0.03
40.00	-21.00	-0.75	0.00	-47.41	0.00	47.41	2,535.84	621.41	2,004	1,861.03	0.33	-0.08	0.03
45.00	-20.32	-0.75	0.00	-43.67	0.00	43.67	2,474.56	600.33	1,870	1,753.92	0.42	-0.09	0.03
48.50	-19.86	-0.74	0.00	-41.06	0.00	41.06	2,430.64	585.58	1,779	1,680.06	0.49	-0.10	0.03
50.00	-18.87	-0.73	0.00	-39.94	0.00	39.94	2,411.55	579.25	1,741	1,648.70	0.52	-0.10	0.03
53.25	-18.59	-0.73	0.00	-37.56	0.00	37.56	1,790.30	460.27	1,374	1,217.91	0.60	-0.11	0.04
55.00	-17.79	-0.72	0.00	-36.29	0.00	36.29	1,775.53	454.37	1,339	1,192.26	0.64	-0.12	0.04
60.00	-17.01	-0.71	0.00	-32.68	0.00	32.68	1,732.17	437.51	1,242	1,119.65	0.77	-0.13	0.04
65.00	-16.26	-0.70	0.00	-29.13	0.00	29.13	1,687.08	420.65	1,148	1,048.13	0.92	-0.14	0.04
70.00	-15.52	-0.69	0.00	-25.63	0.00	25.63	1,640.24	403.78	1,058	977.85	1.07	-0.16	0.04
75.00	-14.80	-0.67	0.00	-22.20	0.00	22.20	1,591.67	386.92	971	908.92	1.25	-0.17	0.03
80.00	-14.11	-0.65	0.00	-18.84	0.00	18.84	1,541.36	370.05	888	841.49	1.44	-0.19	0.03
85.00	-13.43	-0.64	0.00	-15.57	0.00	15.57	1,489.32	353.19	809	775.68	1.64	-0.20	0.03
90.00	-12.77	-0.61	0.00	-12.40	0.00	12.40	1,423.78	336.33	734	705.79	1.86	-0.21	0.03
95.00	-12.30	-0.60	0.00	-9.33	0.00	9.33	1,352.39	319.46	662	636.45	2.08	-0.22	0.02
98.75	-12.07	-0.59	0.00	-7.09	0.00	7.09	1,298.85	306.82	611	586.79	2.26	-0.23	0.02
100.00	-7.67	-0.41	0.00	-6.35	0.00	6.35	1,281.00	302.60	594	570.68	2.32	-0.23	0.02
102.00	-7.40	-0.40	0.00	-5.54	0.00	5.54	920.75	226.46	444	410.46	2.42	-0.24	0.02
105.00	-6.96	-0.38	0.00	-4.35	0.00	4.35	898.91	218.87	414	387.19	2.57	-0.24	0.02
110.00	-5.77	-0.32	0.00	-2.47	0.00	2.47	861.13	206.22	368	349.29	2.82	-0.25	0.01
115.00	-5.61	-0.31	0.00	-0.88	0.00	0.88	819.47	193.58	324	311.81	3.08	-0.25	0.01
117.00	-2.35	-0.13	0.00	-0.26	0.00	0.26	798.05	188.52	307	295.65	3.19	-0.25	0.00
119.00	0.00	-0.12	0.00	0.00	0.00	0.00	776.64	183.46	291	279.91	3.30	-0.25	0.00

0.9D - 1.0Ev + 1.0Eh Normal **Seismic (Reduced DL)**

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-20.48	-0.75	0.00	-76.35	0.00	76.35	2,963.53	790.05	3,239	2,770.25	0.00	0.00	0.03
5.00	-19.67	-0.75	0.00	-72.62	0.00	72.62	2,916.15	768.97	3,068	2,652.73	0.00	-0.01	0.03
10.00	-18.87	-0.75	0.00	-68.88	0.00	68.88	2,867.03	747.89	2,902	2,536.05	0.02	-0.02	0.03

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
15.00	-18.10	-0.75	0.00	-65.12	0.00	65.12	2,816.18	726.81	2,741	2,420.35	0.04	-0.03	0.03
20.00	-17.34	-0.75	0.00	-61.36	0.00	61.36	2,763.58	705.73	2,584	2,305.75	0.08	-0.04	0.03
25.00	-16.60	-0.75	0.00	-57.60	0.00	57.60	2,709.26	684.65	2,432	2,192.39	0.12	-0.05	0.03
30.00	-15.88	-0.75	0.00	-53.85	0.00	53.85	2,653.19	663.57	2,285	2,080.40	0.18	-0.06	0.03
35.00	-15.17	-0.74	0.00	-50.11	0.00	50.11	2,595.39	642.49	2,142	1,969.90	0.25	-0.07	0.03
40.00	-14.49	-0.74	0.00	-46.39	0.00	46.39	2,535.84	621.41	2,004	1,861.03	0.32	-0.08	0.03
45.00	-14.02	-0.73	0.00	-42.70	0.00	42.70	2,474.56	600.33	1,870	1,753.92	0.41	-0.09	0.03
48.50	-13.70	-0.73	0.00	-40.13	0.00	40.13	2,430.64	585.58	1,779	1,680.06	0.48	-0.10	0.03
50.00	-13.02	-0.72	0.00	-39.03	0.00	39.03	2,411.55	579.25	1,741	1,648.70	0.52	-0.10	0.03
53.25	-12.82	-0.72	0.00	-36.69	0.00	36.69	1,790.30	460.27	1,374	1,217.91	0.59	-0.11	0.04
55.00	-12.27	-0.71	0.00	-35.44	0.00	35.44	1,775.53	454.37	1,339	1,192.26	0.63	-0.11	0.04
60.00	-11.74	-0.70	0.00	-31.90	0.00	31.90	1,732.17	437.51	1,242	1,119.65	0.76	-0.13	0.04
65.00	-11.21	-0.69	0.00	-28.41	0.00	28.41	1,687.08	420.65	1,148	1,048.13	0.90	-0.14	0.03
70.00	-10.71	-0.67	0.00	-24.99	0.00	24.99	1,640.24	403.78	1,058	977.85	1.05	-0.16	0.03
75.00	-10.21	-0.66	0.00	-21.63	0.00	21.63	1,591.67	386.92	971	908.92	1.22	-0.17	0.03
80.00	-9.73	-0.64	0.00	-18.36	0.00	18.36	1,541.36	370.05	888	841.49	1.41	-0.18	0.03
85.00	-9.27	-0.62	0.00	-15.17	0.00	15.17	1,489.32	353.19	809	775.68	1.61	-0.20	0.03
90.00	-8.81	-0.60	0.00	-12.07	0.00	12.07	1,423.78	336.33	734	705.79	1.82	-0.21	0.02
95.00	-8.48	-0.58	0.00	-9.08	0.00	9.08	1,352.39	319.46	662	636.45	2.04	-0.22	0.02
98.75	-8.33	-0.57	0.00	-6.90	0.00	6.90	1,298.85	306.82	611	586.79	2.21	-0.22	0.02
100.00	-5.29	-0.40	0.00	-6.19	0.00	6.19	1,281.00	302.60	594	570.68	2.27	-0.23	0.02
102.00	-5.11	-0.39	0.00	-5.39	0.00	5.39	920.75	226.46	444	410.46	2.37	-0.23	0.02
105.00	-4.80	-0.37	0.00	-4.24	0.00	4.24	898.91	218.87	414	387.19	2.51	-0.23	0.02
110.00	-3.98	-0.31	0.00	-2.40	0.00	2.40	861.13	206.22	368	349.29	2.76	-0.24	0.01
115.00	-3.87	-0.30	0.00	-0.86	0.00	0.86	819.47	193.58	324	311.81	3.02	-0.25	0.01
117.00	-1.62	-0.13	0.00	-0.26	0.00	0.26	798.05	188.52	307	295.65	3.12	-0.25	0.00
119.00	0.00	-0.12	0.00	0.00	0.00	0.00	776.64	183.46	291	279.91	3.22	-0.25	0.00

ANALYSIS SUMMARY

	Reactions						Max Usage	
Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.0W Normal	21.54	0.00	29.78	0.00	0.00	1964.62	53.25	0.76
0.9D + 1.0W Normal	21.53	0.00	22.32	0.00	0.00	1940.57	53.25	0.74
1.2D + 1.0Di + 1.0Wi Normal	5.44	0.00	40.34	0.00	0.00	482.27	53.25	0.19
1.2D + 1.0Ev + 1.0Eh Normal	0.76	0.00	29.68	0.00	0.00	77.62	53.25	0.04
0.9D - 1.0Ev + 1.0Eh Normal	0.75	0.00	20.48	0.00	0.00	76.35	53.25	0.04
1.0D + 1.0W Service Normal	4.74	0.00	24.85	0.00	0.00	429.34	53.25	0.17

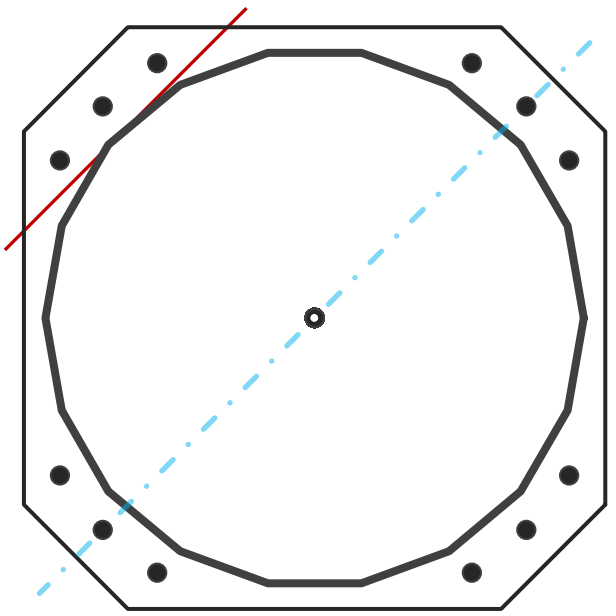
Base Plate & Anchor Rod Analysis

Pole Dimensions		
Number of Sides	18	-
Diameter	45.7	in
Thickness	5/16	in
Orientation Offset		°

Base Reactions		
Moment, Mu	1,964.6	k-ft
Axial, Pu	29.8	k
Shear, Vu	21.5	k
Neutral Axis	45	°

Report Capacities		
Component	Capacity	Result
Base Plate	64%	Pass
Anchor Rods	63%	Pass
Dwyidag	-	-

Base Plate		
Shape	Square	-
Width	50.25	in
Thickness	2 1/2	in
Grade	A572-50	
Yield Strength, Fy	50	ksi
Tensile Strength, Fu	65	ksi
Clip	9	in
Orientation Offset		°
Anchor Rod Detail	d	η=0.5
Clear Distance	3	in
Applied Moment, Mu	1138.6	k
Bending Stress, ϕMn	1774.6	k



Original Anchor Rods		
Arrangement	Cluster	-
Quantity	12	-
Diameter, ø	2 1/4	in
Bolt Circle	51.75	in
Grade	A615-75	
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Spacing	6.0	in
Orientation Offset		°
Applied Force, Pu	154.2	k
Anchor Rods, ϕPn	243.6	k

Calculations for Monopole Base Plate & Anchor Rod Analysis

Reaction Distribution

Reaction	Shear Vu	Moment Mu	Factor
-	k	k-ft	-
Base Forces	21.5	1964.6	1.00
Anchor Rod Forces	21.5	1964.6	1.00
Additional Bolt (Grp1) Forces	0.0	0.0	0.00
Additional Bolt (Grp2) Forces	0.0	0.0	0.00
Dywidag Forces	0.0	0.0	0.00
Stiffener Forces	0.0	0.0	0.00

Geometric Properties

Section	Gross Area	Net Area	Individual Inertia	Threads per Inch	Moment of Inertia
-	in^2	in^2	in^4	#	in^4
Pole	44.3332	2.4630	0.0805		11417.38
Bolt	3.9761	3.2477	0.8393	4.5	13056.35
Bolt1	0.0000	0.0000	0.0000	0	0.00
Bolt2	0.0000	0.0000	0.0000	0	0.00
Dywidag	0.0000	0.0000	0.0000		0.00
Stiffener	0.0000	0.0000	0.0000		0.00

Base Plate		
Shape	Square	-
Width, W	50.25	in
Thickness, t	2.5	in
Yield Strength, Fy	50	ksi
Tensile Strength, Fu	65	ksi
Base Plate Chord	20.894	in
Detail Type	d	-
Detail Factor	0.50	-
Clear Distance	3	-

Anchor Rods		
Anchor Rod Quantity, N	12	-
Rod Diameter, d	2.25	in
Bolt Circle, BC	51.75	in
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Applied Axial, Pu	154.2	k
Applied Shear, Vu	0.0	k
Compressive Capacity, ϕPn	243.6	k
Tensile Capacity, ϕRnt	0.633	OK
Interaction Capacity	0.633	OK

External Base Plate		
Chord Length AA	25.239	in
Additional AA	0.000	in
Section Modulus, Z	39.436	in^3
Applied Moment, Mu	1138.6	k-ft
Bending Capacity, ϕMn	1774.6	k-ft
Capacity, Mu/ϕMn	0.642	OK
Chord Length AB	24.532	in
Additional AB	0.000	in
Section Modulus, Z	38.332	in^3
Applied Moment, Mu	977.9	k-ft
Bending Capacity, ϕMn	1724.9	k-ft
Capacity, Mu/ϕMn	0.567	OK
Bend Line Length	0.000	in
Additional Bend Line	0.000	in
Section Modulus, Z	0.000	in^3
Applied Moment, Mu	0.0	k-ft
Bending Capacity, ϕMn	0.0	k-ft
Capacity, Mu/ϕMn		

Internal Base Plate		
Arc Length	0.000	in
Section Modulus, Z	0.000	in^3
Moment Arm	0.000	in
Applied Moment, Mu	0.0	k-ft
Bending Capacity, ϕMn	0.0	k-ft
Capacity, Mu/ϕMn		

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Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10050357
Maser Consulting Connecticut Project #: 21777425A

May 4, 2021

Site Information	*Site ID:*	*468083-VZW / BRANFORD SHORT BEACH CT*
	Site Name:	*BRANFORD SHORT BEACH CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*171 Short Beach Rd* *Branford, Connecticut 06405* *New Haven County*
	Latitude:	*41.262789°*
	Longitude:	*-72.834428°*
Structure Information	*Tower Type:*	*120.00-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

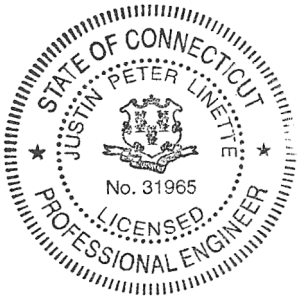
FUZE ID # 16227623

Analysis Results

Platform: **66.9% Pass**

******Contractor PMI Requirements*:**
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com
Contractor - Please Review Specific Site PMI Requirements Upon Award
Requirements also Noted on Mount Modification Drawings
Requirements may also be Noted on A & E drawings

Report Prepared By: Abigail Enriquez



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: 1593399, dated March 31, 2021*
Mount Mapping Report	*RKS Design & Engineering LLC., Site ID: ATC:283422, dated April 1, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	121 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.998
Seismic Parameters:	S_S:	0.200
	S_1:	0.053
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
98.65	100.00	6	Commscope	JAHH-65B-R3B	Added
		3	Samsung	MT6407-77A	
		3	Commscope	CBC78T-DS-43-2X	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	RRFDC-3315-PF-48*	Retained
		3	Amphenol Antel	BXA-70063-6CF-EDIN	

* Equipment to be flush mounted directly to the Monopole. They are not mounted on the platform mount and are not included in this mount analysis.

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Maser Consulting Connecticut and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviationP from the loading locations specified in this report shall be communicated to Maser Consulting Connecticut 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 by Maser Consulting Connecticut, 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. Maser Consulting Connecticut 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 Maser Consulting Connecticut.

Analysis Results:

Component	Utilization %	Pass/Fail
Mount Pipe	*44.7%*	*Pass*
Dual Antenna Mount Pipe	*32.0%*	*Pass*
Circle Angle	*66.9%*	*Pass*
Face Horizontal	*22.6%*	*Pass*
Connection Plates	*46.3%*	*Pass*
Handrail Connection	*19.9%*	*Pass*
Handrail	*24.8%*	*Pass*
Standoff HSS	*35.8%*	*Pass*
Circular Angle Connection	*22.4%*	*Pass*
Platform Angle	*4.8%*	*Pass*
Platform-Face Plate	*15.1%*	*Pass*
Connection Check	*48.8%*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**66.9%**

Recommendation:

The existing mounts are **SUFFICIENT** for the final loading configuration and do not require modifications.

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

Attachments:

1. Mount Photos
2. Mount Mapping Report (for reference only)
3. Analysis Calculations
4. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
5. Antenna Placement Diagrams
6. TIA Adoption and Wind Speed Usage Letter


2021.


04/01/2021

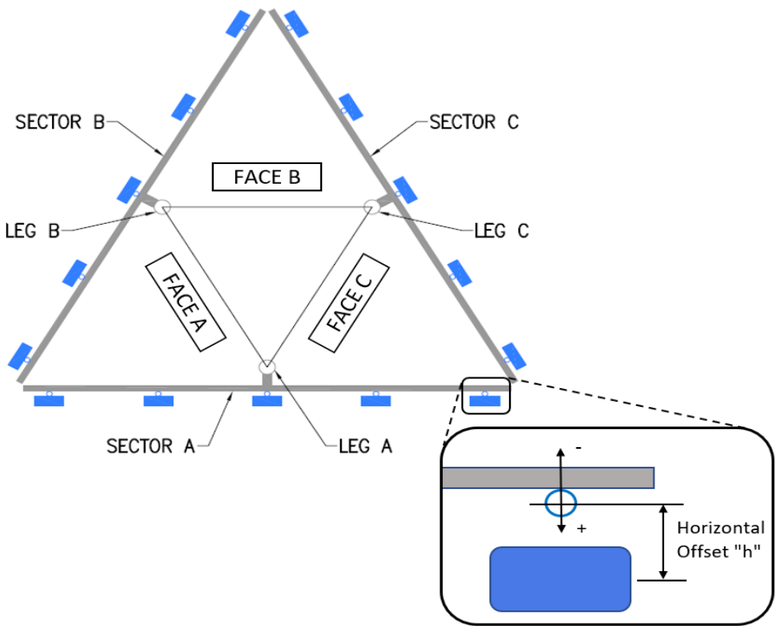
V3.0 Updated on 8-31-2020

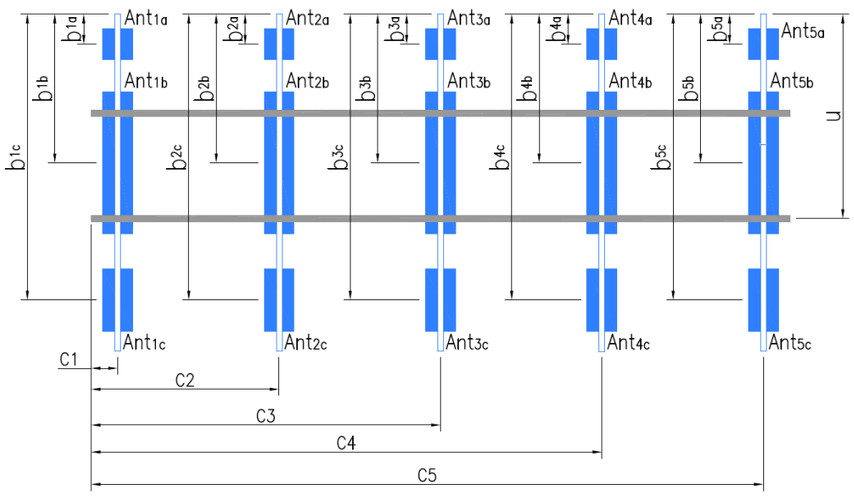
Antenna Mount Mapping Form (PATENT PENDING)

FCC #
1277332

Tower Owner:	ATC	**Mapping Date:**	4/1/2021
Site Name:	ATC:SHORT BEACH BRANFORD,VZW:BRANFORD SHORT BEAC	**Tower Type:**	Monopole
Site Number or ID:	ATC:283422	**Tower Height (Ft.):**	120
Mapping Contractor:	RKS Design & Engineering LLC	**Mount Elevation (Ft.):**	98

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





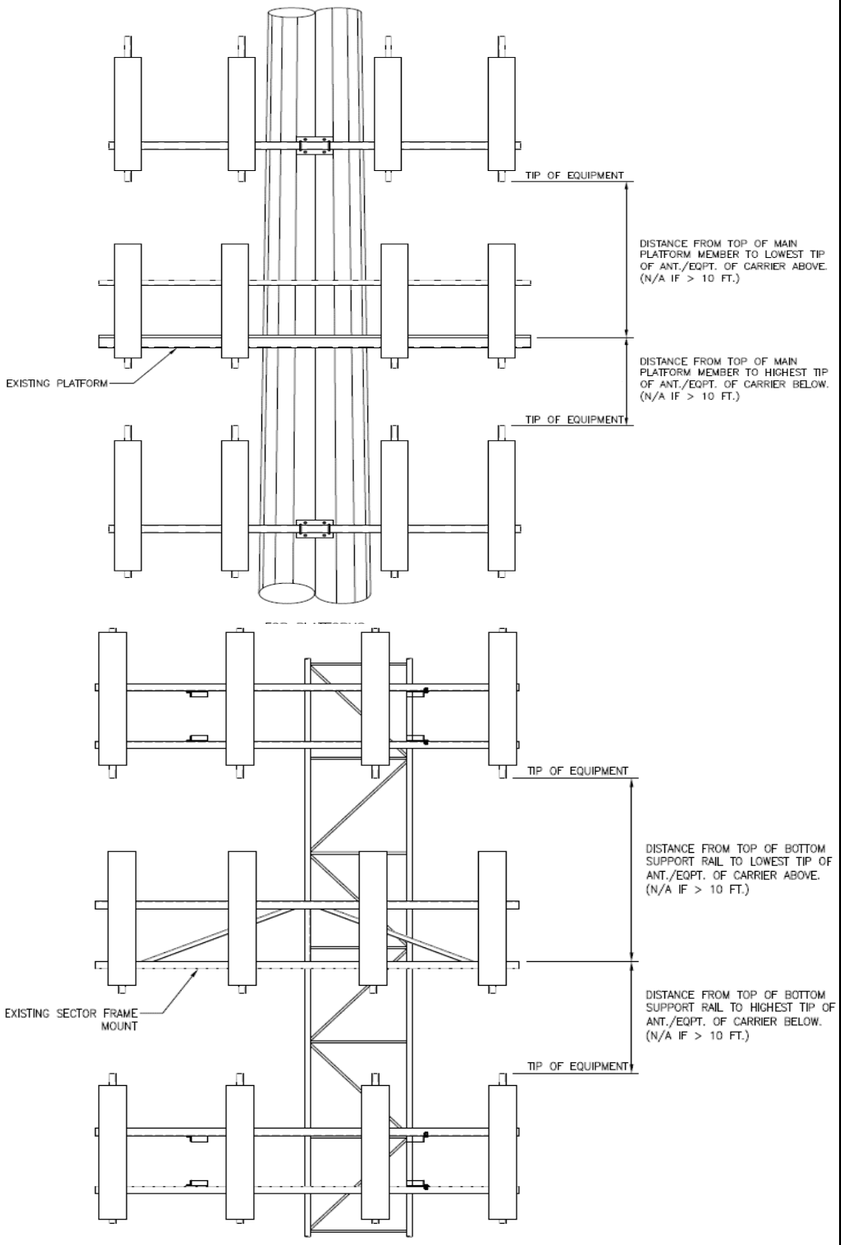
Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]							
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	Pipe 2.375"Ø X 0.15" X 84" Long	52.25	5.00	C1	Pipe 2.375"Ø X 0.15" X 84" Long	52.25	5.00
A2	Pipe 2.375"Ø X 0.15" X 126" Long	81.75	51.00	C2	Pipe 2.375"Ø X 0.15" X 126" Long	81.75	51.00
A3	Pipe 2.375"Ø X 0.15" X 84" Long	52.25	95.00	C3	Pipe 2.375"Ø X 0.15" X 84" Long	52.25	95.00
A4	Pipe 2.375"Ø X 0.15" X 84" Long	52.25	142.50	C4	Pipe 2.375"Ø X 0.15" X 84" Long	52.25	142.50
A5				C5			
A6				C6			
B1	Pipe 2.375"Ø X 0.15" X 84" Long	52.25	5.00	D1			
B2	Pipe 2.375"Ø X 0.15" X 126" Long	81.75	51.00	D2			
B3	Pipe 2.375"Ø X 0.15" X 84" Long	52.25	95.00	D3			
B4	Pipe 2.375"Ø X 0.15" X 84" Long	52.25	142.50	D4			
B5				D5			
B6				D6			
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							
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.):				22.61	

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}	B25 RRH 4x30	12.00	7.20	21.20		100.313	24.50	-6.50		11,244
Ant_{1b}	BXA-70063-6CF-EDIN-	11.20	5.20	71.00		99.6458	32.50	13.00	40.00	11,244
Ant_{1c}										
Ant_{2a}	B4 RRH2x60-4R	10.60	5.70	36.60		100.646	50.00	-5.75		11,244
Ant_{2b}	(2)SBNHH-1D65B	11.90	7.10	72.00		99.5625	63.00	10.50	40.00	11,244
Ant_{2c}										
Ant_{3a}	B13 RRH4x30	12.00	9.00	21.60		100.458	22.75	-6.50		11,244
Ant_{3b}	LNX-6514DS-A1M	11.50	7.50	72.50		99.8333	30.25	8.75	40.00	11,244
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower	RRFDC-3315-PF-48	15.70	10.20	25.60			24.00	8.00		11,244
Ant on Tower										

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

Climbing Facility Information		
Location:	220.00 Deg	N/A
Climbing Facility	Corrosion Type:	N/A
	Access:	Climbing path was unobstructed.
	Condition:	Good condition.



Sector B										
Ant_{1a}	B25 RRH 4x30	12.00	7.20	21.20		100.313	24.50	-6.50		18,246
Ant_{1b}	BXA-70063-6CF-EDIN-	11.20	5.20	71.00		99.6458	32.50	13.00	160.00	18,246
Ant_{1c}										
Ant_{2a}	B4 RRH2x60-4R	10.60	5.70	36.60		100.646	50.00	-5.75		18,246
Ant_{2b}	(2)SBNHH-1D65B	11.90	7.10	72.00		99.5625	63.00	10.50	160.00	18,246
Ant_{2c}										
Ant_{3a}	B13 RRH4x30	12.00	9.00	21.60		100.458	22.75	-6.50		18,247
Ant_{3b}	LNX-6514DS-A1M	11.50	7.50	72.50		99.8333	30.25	8.75	160.00	18,247
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower	RRFDC-3315-PF-48	15.70	10.20	25.60			24.00	8.00		18,246
Ant on Tower										
Sector C										
Ant_{1a}	B25 RRH 4x30	12.00	7.20	21.20		100.313	24.50	-6.50		25,248
Ant_{1b}	BXA-70063-6CF-EDIN-	11.20	5.20	71.00		99.6458	32.50	13.00	280.00	25,248
Ant_{1c}										
Ant_{2a}	B4 RRH2x60-4R	10.60	5.70	36.60		100.646	50.00	-5.75		25,248
Ant_{2b}	(2)SBNHH-1D65B	11.90	7.10	72.00		99.5625	63.00	10.50	280.00	25,248
Ant_{2c}										
Ant_{3a}	B13 RRH4x30	12.00	9.00	21.60		100.458	22.75	-6.50		25,248
Ant_{3b}	LNX-6514DS-A1M	11.50	7.50	72.50		99.8333	30.25	8.75	280.00	25,248
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										
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	COAX TOTAL (2): (2) 1.5"Ø HYBRID	
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.

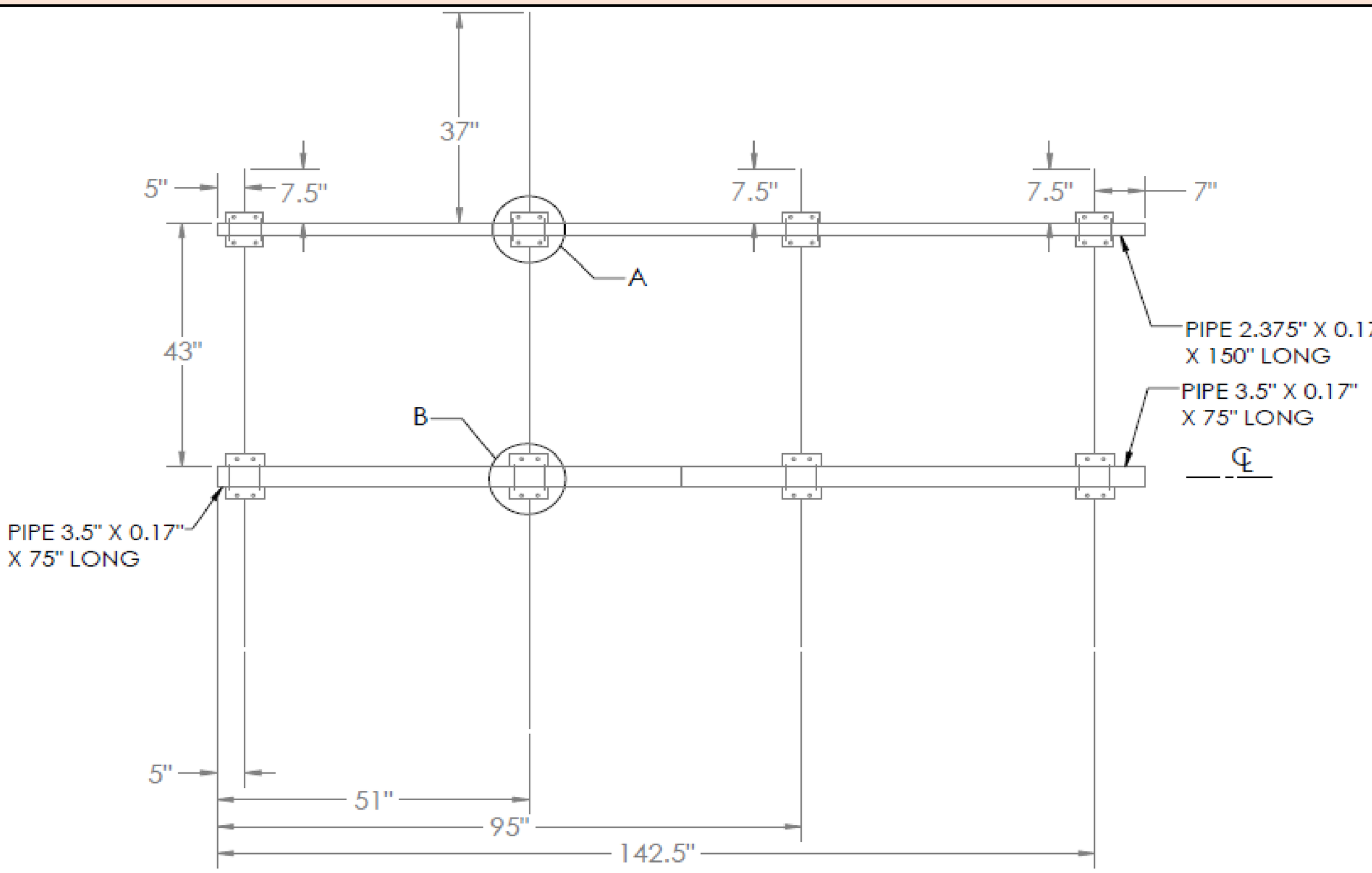
V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

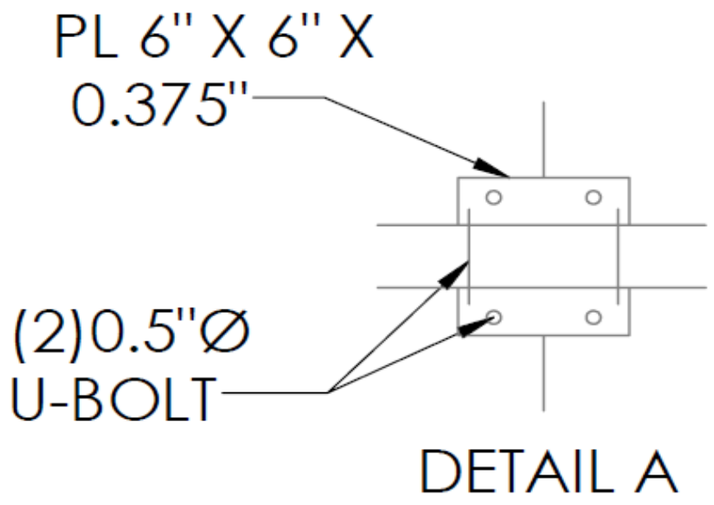
FCC #
1277332

Tower Owner:	ATC	**Mapping Date:**	4/1/2021
Site Name:	ATC:SHORT BEACH BRANFORD,VZW:BRANFORD SHORT BEAC	**Tower Type:**	Monopole
Site Number or ID:	ATC:283422	**Tower Height (Ft.):**	120
Mapping Contractor:	RKS Design & Engineering LLC	**Mount Elevation (Ft.):**	98

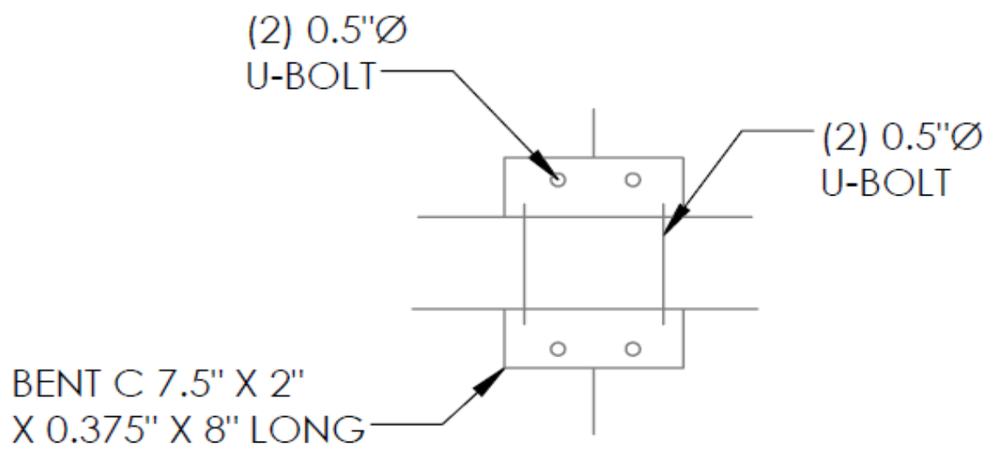
Please Insert Sketches of the Antenna Mount



SECTOR A,B & C

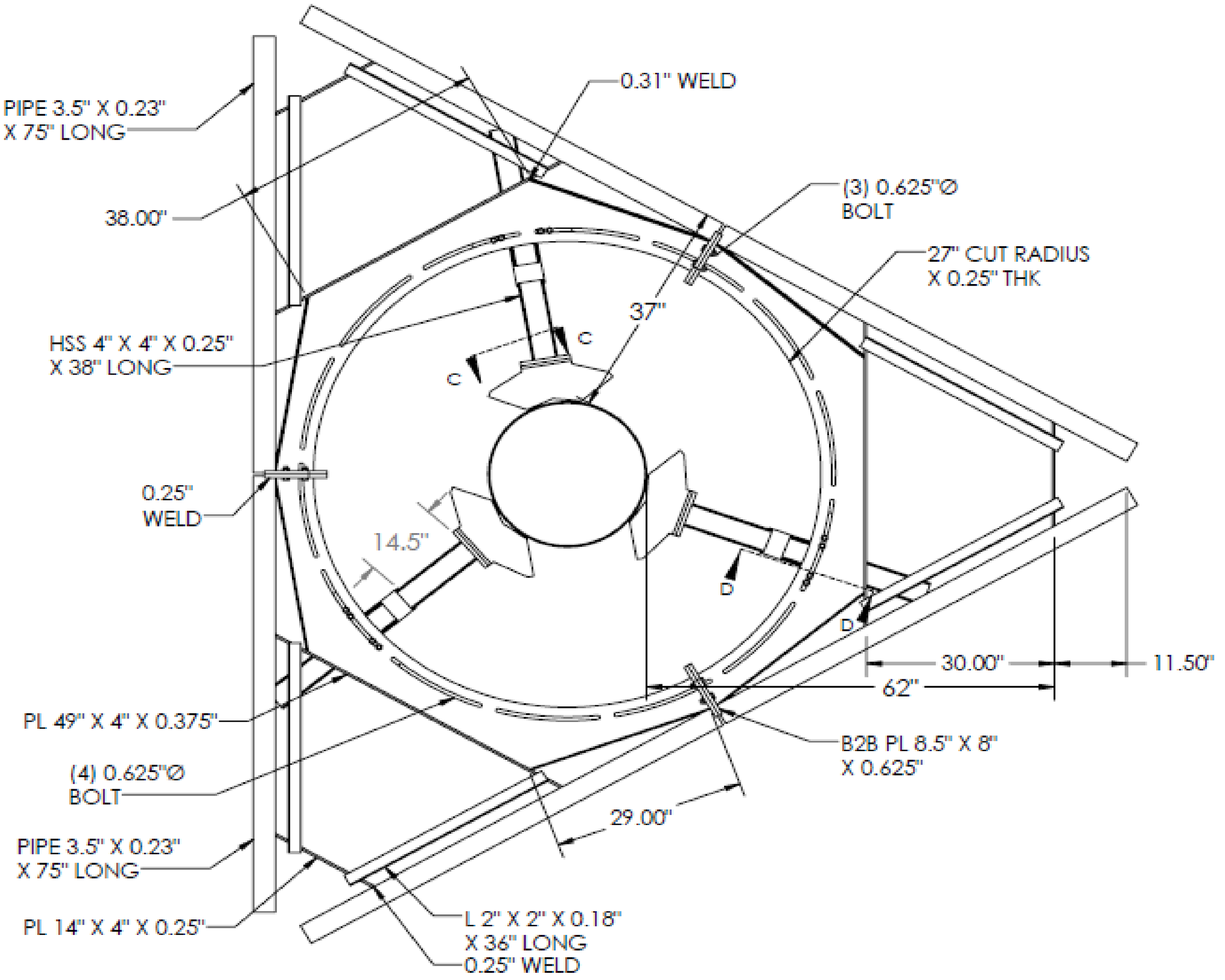


DETAIL A

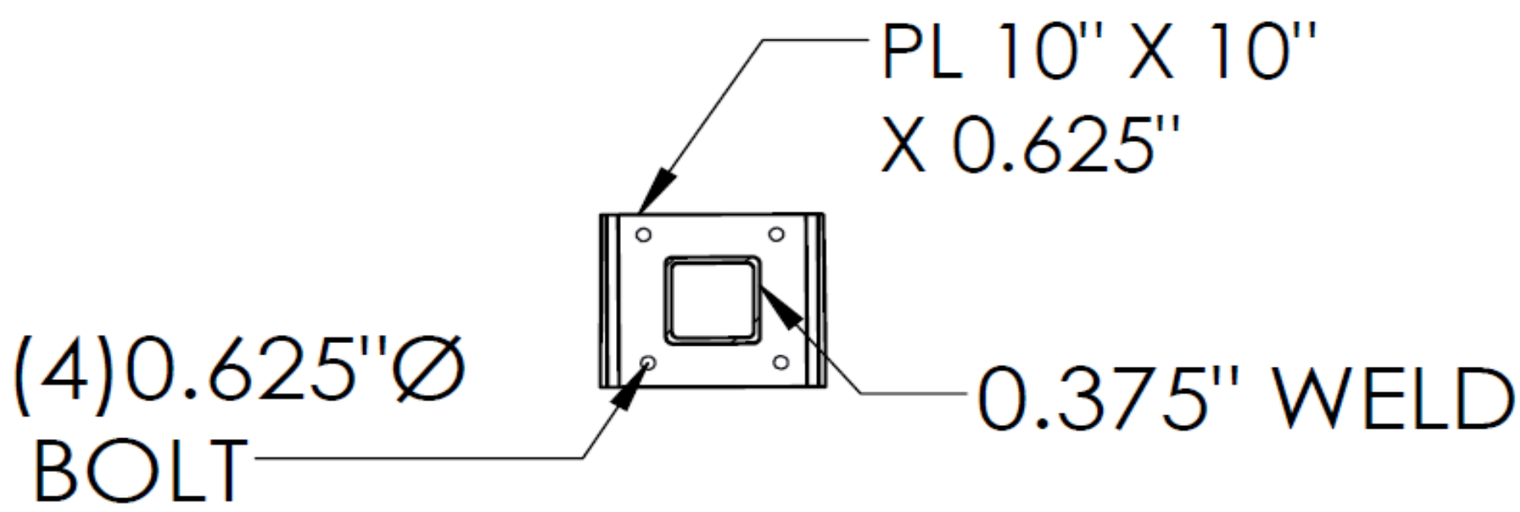


DETAIL B

Please Insert Sketches of the Antenna Mount, cont'd

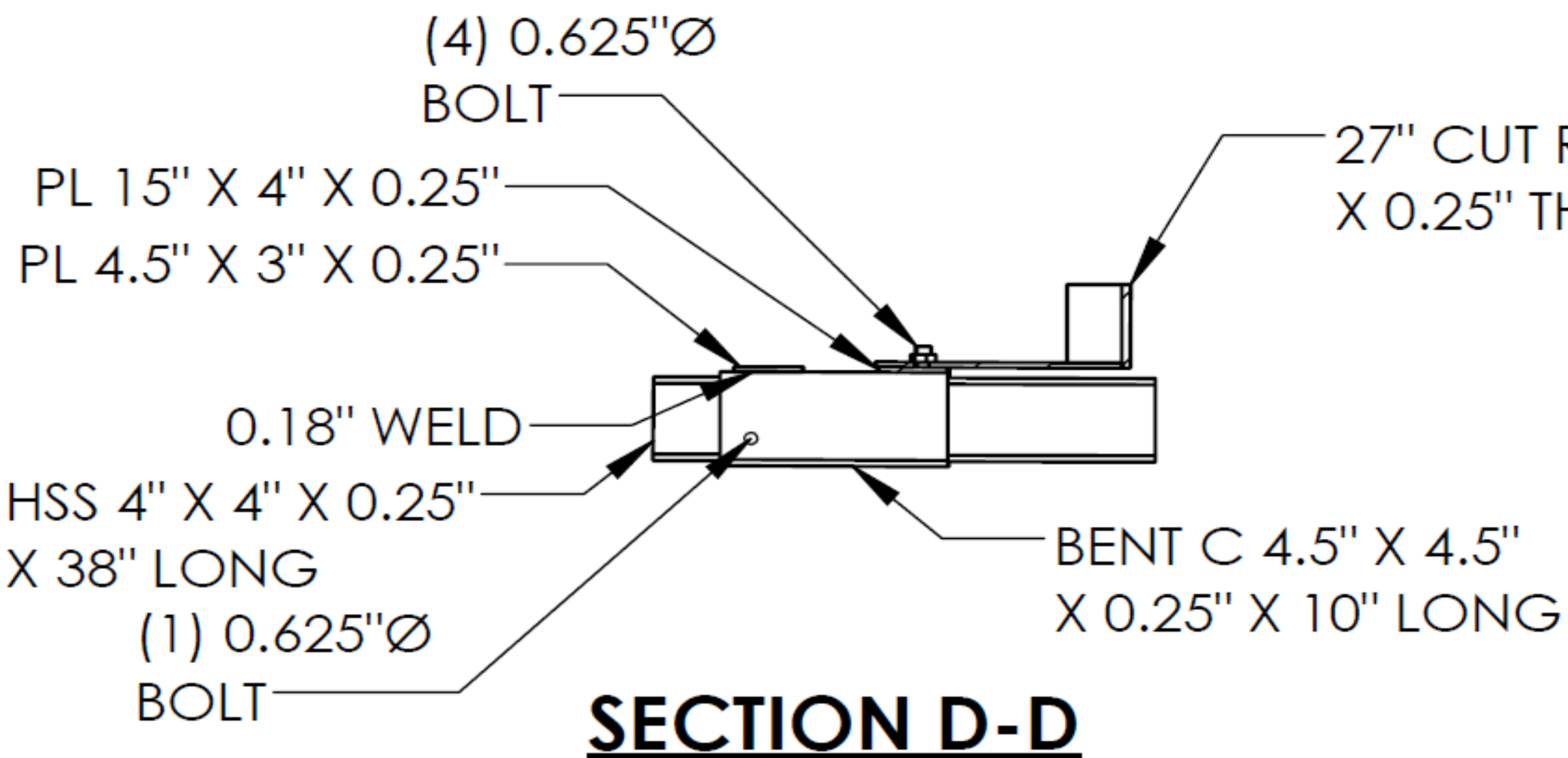


MOUNT PLAN VIEW



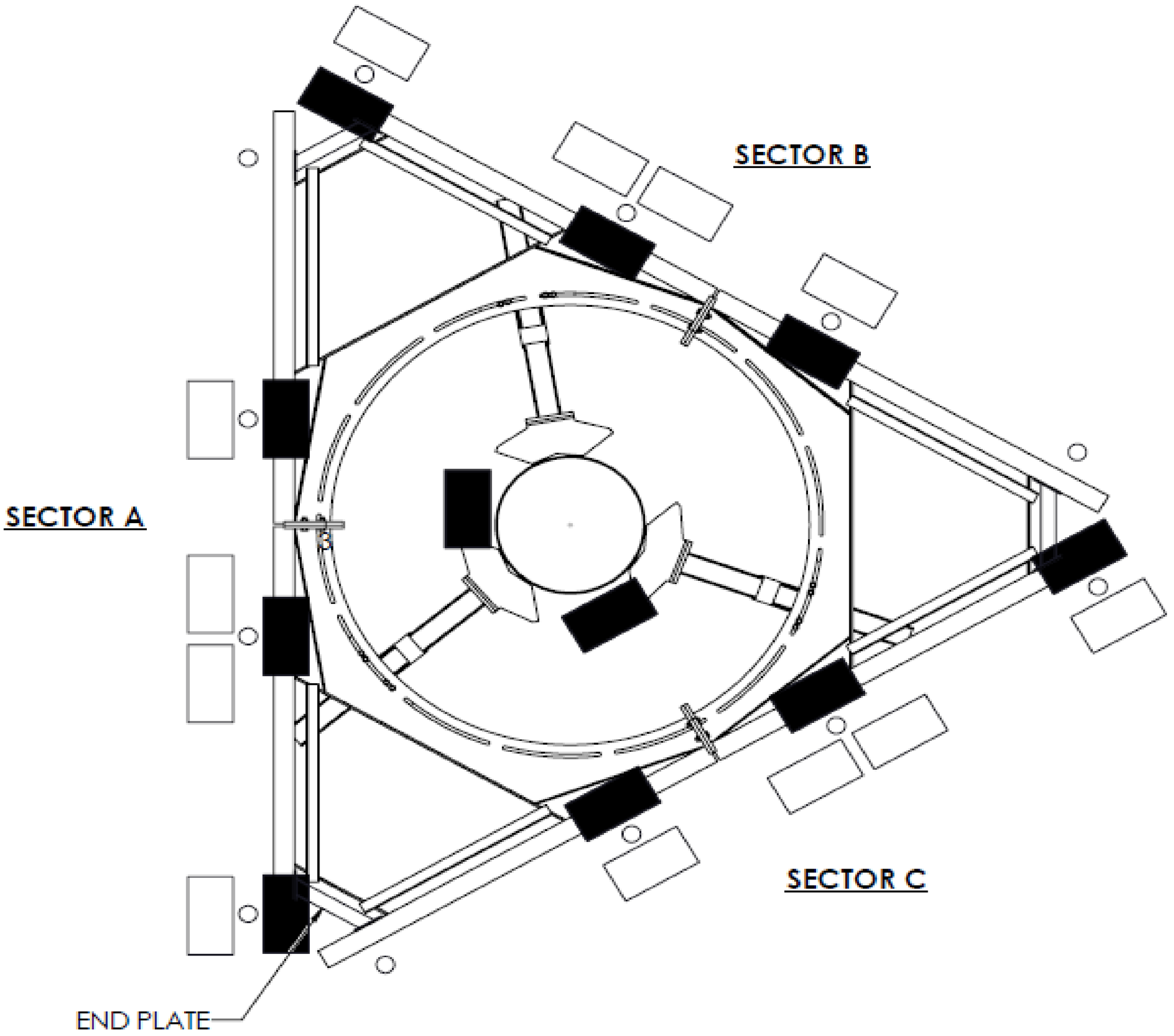
SECTION C-C

Please Insert Sketches of the Antenna Mount, cont'd

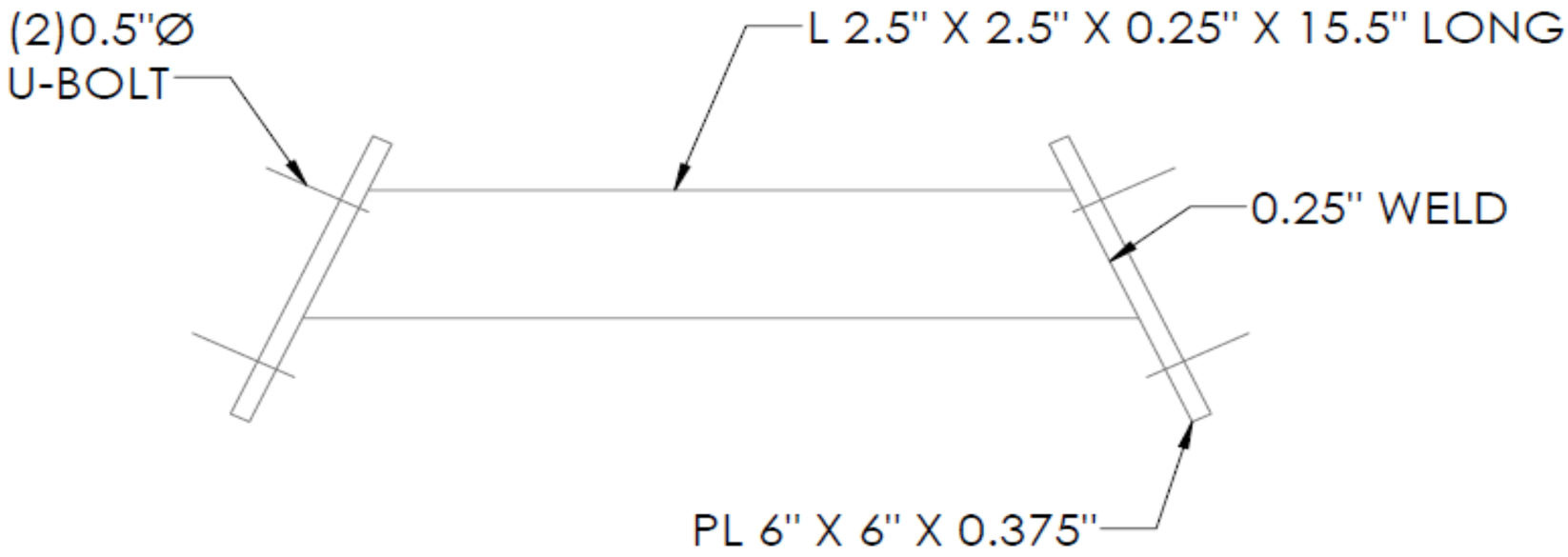


SECTION D-D

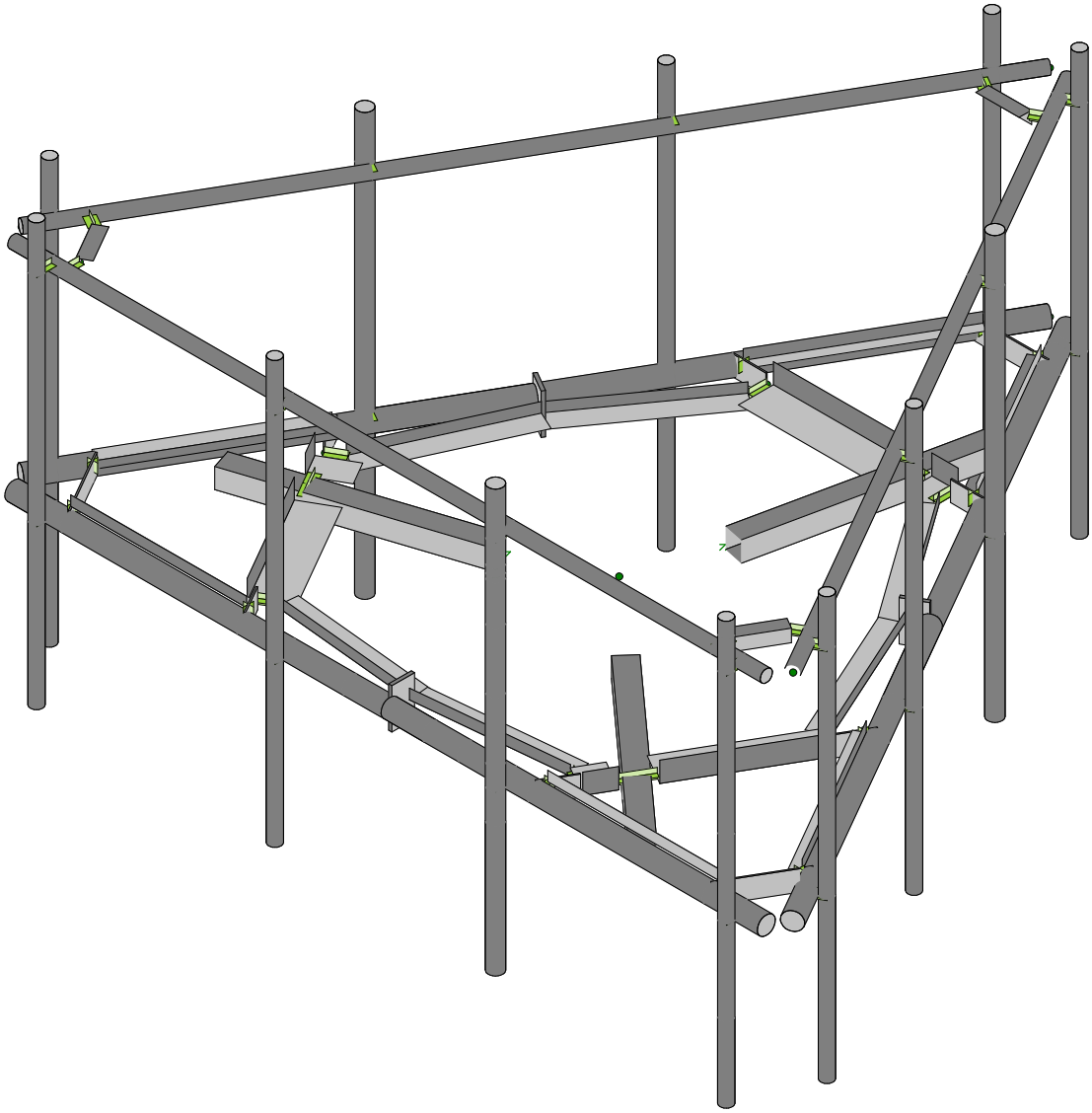
Please Insert Sketches of the Antenna Mount, cont'd



ANTENNA PLAN VIEW

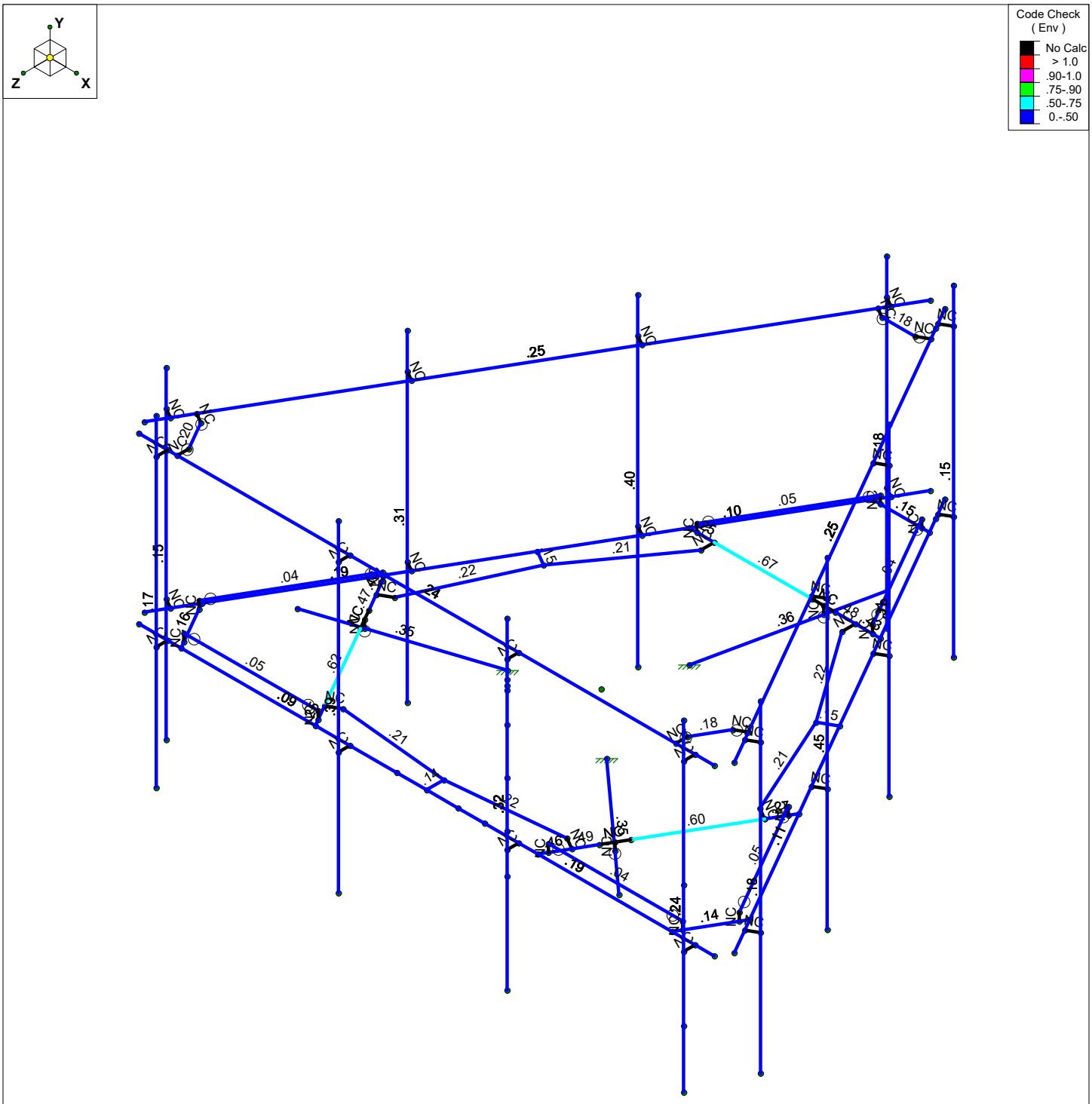


DETAIL END PLATE



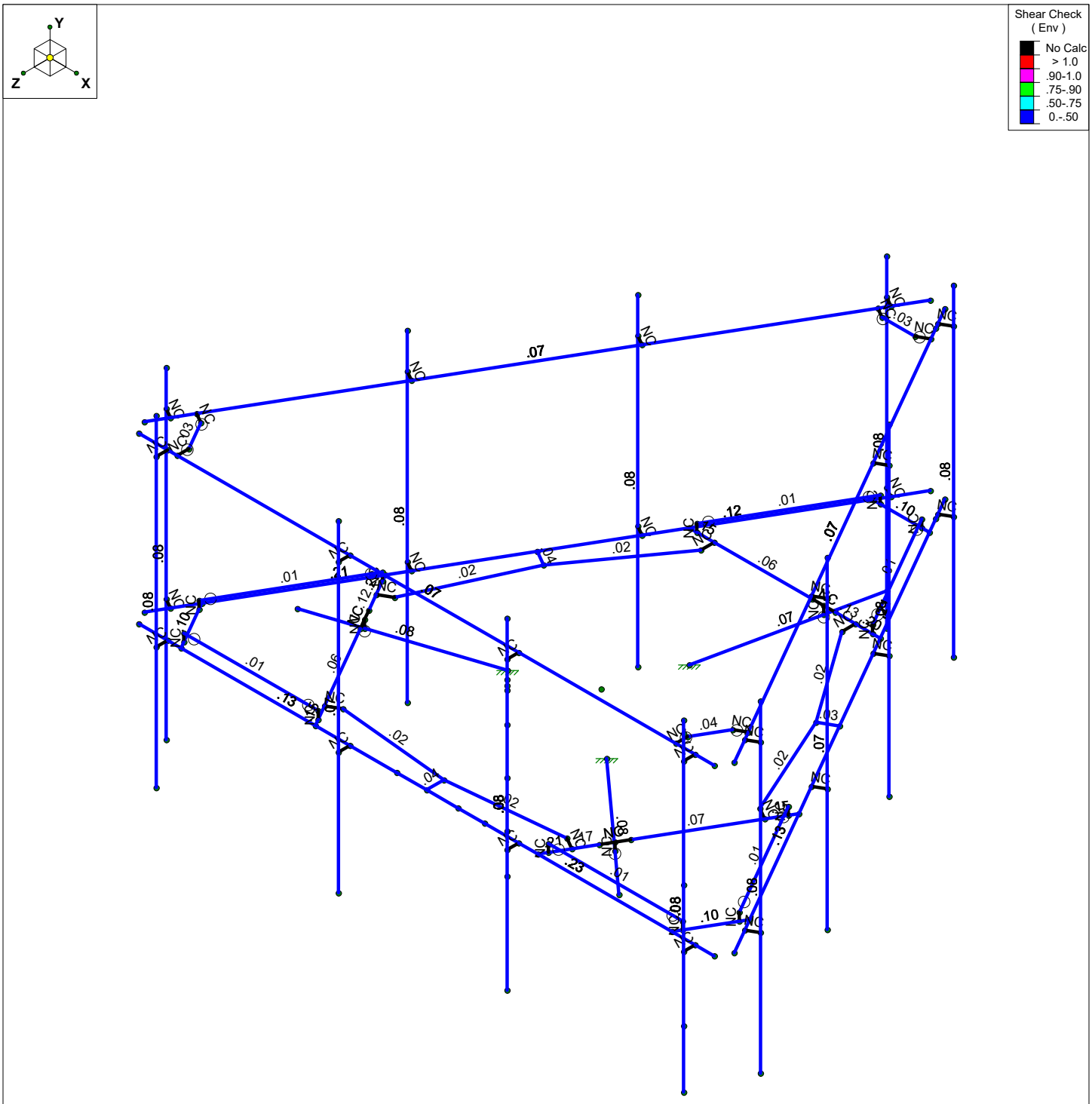
Envelope Only Solution

Maser Consulting		SK - 2
AE		May 4, 2021 at 10:14 AM
		468083-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting		SK - 1
AE		May 4, 2021 at 10:14 AM
		468083-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting		SK - 3
AE		May 4, 2021 at 10:15 AM
		468083-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					99			
2	Antenna Di	None					99			
3	Antenna Wo (0 Deg)	None					99			
4	Antenna Wo (30 Deg)	None					99			
5	Antenna Wo (60 Deg)	None					99			
6	Antenna Wo (90 Deg)	None					99			
7	Antenna Wo (120 Deg)	None					99			
8	Antenna Wo (150 Deg)	None					99			
9	Antenna Wo (180 Deg)	None					99			
10	Antenna Wo (210 Deg)	None					99			
11	Antenna Wo (240 Deg)	None					99			
12	Antenna Wo (270 Deg)	None					99			
13	Antenna Wo (300 Deg)	None					99			
14	Antenna Wo (330 Deg)	None					99			
15	Antenna Wi (0 Deg)	None					99			
16	Antenna Wi (30 Deg)	None					99			
17	Antenna Wi (60 Deg)	None					99			
18	Antenna Wi (90 Deg)	None					99			
19	Antenna Wi (120 Deg)	None					99			
20	Antenna Wi (150 Deg)	None					99			
21	Antenna Wi (180 Deg)	None					99			
22	Antenna Wi (210 Deg)	None					99			
23	Antenna Wi (240 Deg)	None					99			
24	Antenna Wi (270 Deg)	None					99			
25	Antenna Wi (300 Deg)	None					99			
26	Antenna Wi (330 Deg)	None					99			
27	Antenna Wm (0 Deg)	None					99			
28	Antenna Wm (30 Deg)	None					99			
29	Antenna Wm (60 Deg)	None					99			
30	Antenna Wm (90 Deg)	None					99			
31	Antenna Wm (120 Deg)	None					99			
32	Antenna Wm (150 Deg)	None					99			
33	Antenna Wm (180 Deg)	None					99			
34	Antenna Wm (210 Deg)	None					99			
35	Antenna Wm (240 Deg)	None					99			
36	Antenna Wm (270 Deg)	None					99			
37	Antenna Wm (300 Deg)	None					99			
38	Antenna Wm (330 Deg)	None					99			
39	Structure D	None		-1					3	
40	Structure Di	None						57	3	
41	Structure Wo (0 Deg)	None						114		
42	Structure Wo (30 Deg)	None						114		
43	Structure Wo (60 Deg)	None						114		
44	Structure Wo (90 Deg)	None						114		
45	Structure Wo (120 D...	None						114		
46	Structure Wo (150 D...	None						114		
47	Structure Wo (180 D...	None						114		
48	Structure Wo (210 D...	None						114		
49	Structure Wo (240 D...	None						114		
50	Structure Wo (270 D...	None						114		
51	Structure Wo (300 D...	None						114		
52	Structure Wo (330 D...	None						114		
53	Structure Wi (0 Deg)	None						114		
54	Structure Wi (30 Deg)	None						114		
55	Structure Wi (60 Deg)	None						114		
56	Structure Wi (90 Deg)	None						114		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
57	Structure Wi (120 De...	None						114		
58	Structure Wi (150 De...	None						114		
59	Structure Wi (180 De...	None						114		
60	Structure Wi (210 De...	None						114		
61	Structure Wi (240 De...	None						114		
62	Structure Wi (270 De...	None						114		
63	Structure Wi (300 De...	None						114		
64	Structure Wi (330 De...	None						114		
65	Structure Wm (0 Deg)	None						114		
66	Structure Wm (30 De...	None						114		
67	Structure Wm (60 De...	None						114		
68	Structure Wm (90 De...	None						114		
69	Structure Wm (120 D...	None						114		
70	Structure Wm (150 D...	None						114		
71	Structure Wm (180 D...	None						114		
72	Structure Wm (210 D...	None						114		
73	Structure Wm (240 D...	None						114		
74	Structure Wm (270 D...	None						114		
75	Structure Wm (300 D...	None						114		
76	Structure Wm (330 D...	None						114		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Are...	None						21		
82	BLC 40 Transient Are...	None						21		

Load Combinations

	Description	Solve	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1														
2	1.2D+1.0Wo (30 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1														
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1														
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1														
5	1.2D+1.0Wo (120 Deg)	Yes	Y		1	1.2	39	1.2	7	1	45	1														
6	1.2D+1.0Wo (150 Deg)	Yes	Y		1	1.2	39	1.2	8	1	46	1														
7	1.2D+1.0Wo (180 Deg)	Yes	Y		1	1.2	39	1.2	9	1	47	1														
8	1.2D+1.0Wo (210 Deg)	Yes	Y		1	1.2	39	1.2	10	1	48	1														
9	1.2D+1.0Wo (240 Deg)	Yes	Y		1	1.2	39	1.2	11	1	49	1														
10	1.2D+1.0Wo (270 Deg)	Yes	Y		1	1.2	39	1.2	12	1	50	1														
11	1.2D+1.0Wo (300 Deg)	Yes	Y		1	1.2	39	1.2	13	1	51	1														
12	1.2D+1.0Wo (330 Deg)	Yes	Y		1	1.2	39	1.2	14	1	52	1														
13	1.2D + 1.0Di + 1.0Wi (0 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1										
14	1.2D + 1.0Di + 1.0Wi (30 De...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1										
15	1.2D + 1.0Di + 1.0Wi (60 De...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1										
16	1.2D + 1.0Di + 1.0Wi (90 De...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1										
17	1.2D + 1.0Di + 1.0Wi (120 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1										
18	1.2D + 1.0Di + 1.0Wi (150 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1										
19	1.2D + 1.0Di + 1.0Wi (180 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1										
20	1.2D + 1.0Di + 1.0Wi (210 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1										
21	1.2D + 1.0Di + 1.0Wi (240 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1										
22	1.2D + 1.0Di + 1.0Wi (270 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1										
23	1.2D + 1.0Di + 1.0Wi (300 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1										
24	1.2D + 1.0Di + 1.0Wi (330 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1										
25	1.2D + 1.5Lm1 + 1.0Wm (0 ...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1												
26	1.2D + 1.5Lm1 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1												

Load Combinations (Continued)

	Description	Solve	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
27	1.2D + 1.5Lm1 + 1.0Wm (60...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0Wm (90...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0Wm (12...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0Wm (15...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0Wm (18...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0Wm (21...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0Wm (24...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0Wm (27...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm (33...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0Wm (0 ...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm (60...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm (90...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm (12...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm (15...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm (18...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (21...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm (24...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (27...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (33...	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	Seismic Mass		Y		1	1	39	1																
53	1.2D + 1.0Ev + 1.0Eh (0 Deg)		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0Ev + 1.0Eh (30 D...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.8...										
55	1.2D + 1.0Ev + 1.0Eh (60 D...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1.0Ev + 1.0Eh (90 D...		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1.0Ev + 1.0Eh (120 ...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1.0Ev + 1.0Eh (150 ...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1.0Ev + 1.0Eh (180 ...		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1.0Ev + 1.0Eh (210 ...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1.0Ev + 1.0Eh (240 ...		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	.5										
62	1.2D + 1.0Ev + 1.0Eh (270 ...		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1.0Ev + 1.0Eh (300 ...		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	-.5										
64	1.2D + 1.0Ev + 1.0Eh (330 ...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.8...										

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	-3.28368	0	-5.6875	0	
2	N2	-6.40868	0	-0.274841	0	
3	N3	-0.15868	0	-11.100159	0	
4	N4	-2.95892	0	-5.5	0	
5	N5	-2.075346	0	-7.780395	0	
6	N6	-4.492013	0	-3.594605	0	
7	N7	-5.950346	0	-1.068698	0	
8	N8	-0.617013	0	-10.306302	0	
9	N9	0	0	-3.791667	0	
10	N10	0.	0	-0.	0	
11	N11	6.25	0	-0.	0	
12	N12	-6.25	0	-0.	0	
13	N13	0.	0	-0.375	0	
14	N14	-2.416667	0	0.	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N15	2.416667	0	0.	0	
16	N16	5.333333	0	-0.	0	
17	N17	-5.333333	0	0.	0	
18	N19	3.28368	0	-5.6875	0	
19	N20	0.15868	0	-11.100159	0	
20	N21	6.40868	0	-0.274841	0	
21	N22	2.95892	0	-5.5	0	
22	N23	4.492013	0	-3.594605	0	
23	N24	2.075346	0	-7.780395	0	
24	N25	0.617013	0	-10.306302	0	
25	N26	5.950346	0	-1.068698	0	
26	N26A	1.90868	0	-7.780395	0	
27	N27	-1.908654	0	-7.780395	0	
28	N28	-0.45032	0	-10.306302	0	
29	N29	0.450346	0	-10.306302	0	
30	N30	1.90868	0.166667	-7.780395	0	
31	N31	-1.908654	0.166667	-7.780395	0	
32	N32	-0.45032	0.166667	-10.306302	0	
33	N33	0.450346	0.166667	-10.306302	0	
34	N60	-4.40868	0	-3.450268	0	
35	N61	-2.500013	0	-0.14436	0	
36	N62	-5.41668	0	-0.14436	0	
37	N63	-5.867013	0	-0.92436	0	
38	N64	-4.40868	0.166667	-3.450268	0	
39	N65	-2.500013	0.166667	-0.14436	0	
40	N66	-5.41668	0.166667	-0.14436	0	
41	N67	-5.867013	0.166667	-0.92436	0	
42	N94	2.5	0	-0.144338	0	
43	N95	4.408667	0	-3.450245	0	
44	N96	5.867	0	-0.924338	0	
45	N97	5.416667	0	-0.144338	0	
46	N98	2.5	0.166667	-0.144338	0	
47	N99	4.408667	0.166667	-3.450245	0	
48	N100	5.867	0.166667	-0.924338	0	
49	N101	5.416667	0.166667	-0.144338	0	
50	N53	2.6875	0	-0.469097	0	
51	N54	4.221167	0	-3.125486	0	
52	N58	2.434909	0	-0.61493	0	
53	N59	3.968576	0	-3.271319	0	
54	N62A	1.53368	0	-7.780395	0	
55	N63A	-1.533654	0	-7.780395	0	
56	N65A	1.53368	0	-7.488728	0	
57	N66A	-1.533654	0	-7.488728	0	
58	N71	-4.22118	0	-3.125508	0	
59	N72	-2.687513	0	-0.46912	0	
60	N74	-3.968589	0	-3.271342	0	
61	N75	-2.434922	0	-0.614953	0	
62	N69	1.199234	-0.166667	-2.711872	0	
63	N73A	0.335513	-0.166667	-5.370131	0	
64	N77	-1.534747	-0.166667	-3.292997	0	
65	N131A	3.893134	-0.166667	-0.286273	0	
66	N133A	1.089193	-0.166667	-8.915916	0	
67	N135	-4.982326	-0.166667	-2.172811	0	
68	N137A	-6.40868	3.583333	-0.274841	0	
69	N138D	-0.15868	3.583333	-11.100159	0	
70	N139B	6.25	3.583333	-0.	0	
71	N140B	-6.25	3.583333	-0.	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N141	0.15868	3.583333	-11.100159	0	
73	N142	6.40868	3.583333	-0.274841	0	
74	N180	-5.416667	3.583333	-0.	0	
75	N181	5.416667	3.583333	-0.	0	
76	N182	-5.416667	3.583333	-0.25	0	
77	N183	5.416667	3.583333	-0.25	0	
78	N230A	0.84782	0	-7.779895	0	
79	N233A	0.847618	-0.166667	-7.779395	0	
80	N112	5.833333	0	-0.	0	
81	N113	5.833333	3.583333	-0.	0	
82	N114	5.833333	0	0.25	0	
83	N115	5.833333	3.583333	0.25	0	
84	N124	5.833333	4.354167	0.25	0	
85	N125	5.833333	-2.645833	0.25	0	
86	N131	0.429513	0	-10.631062	0	
87	N132	0.429513	3.583333	-10.631062	0	
88	N162	1.097532	0	-7.780395	0	
89	N163	0.597532	0	-7.780395	0	
90	N111	2.	0	-0.	0	
91	N112A	2.	3.583333	-0.	0	
92	N113A	2.	0	0.25	0	
93	N114A	2.	3.583333	0.25	0	
94	N115A	2.	4.354167	0.25	0	
95	N116	2.	-2.645833	0.25	0	
96	N117	-1.666667	0	-0.	0	
97	N118	-1.666667	3.583333	-0.	0	
98	N119	-1.666667	0	0.25	0	
99	N120	-1.666667	3.583333	0.25	0	
100	N121	-1.666667	4.354167	0.25	0	
101	N122	-1.666667	-2.645833	0.25	0	
102	N123	-5.625	0	-0.	0	
103	N124A	-5.625	3.583333	-0.	0	
104	N125A	-5.625	0	0.25	0	
105	N126	-5.625	3.583333	0.25	0	
106	N127	-5.625	4.354167	0.25	0	
107	N128	-5.625	-2.645833	0.25	0	
108	N130	0.367013	0	-10.739315	0	
109	N131B	0.367013	3.583333	-10.739315	0	
110	N132A	0.583519	0	-10.864315	0	
111	N133	0.583519	3.583333	-10.864315	0	
112	N134	0.583519	4.354167	-10.864315	0	
113	N135A	0.583519	-2.645833	-10.864315	0	
114	N136	2.28368	0	-7.419551	0	
115	N137	2.28368	3.583333	-7.419551	0	
116	N138	2.500186	0	-7.544551	0	
117	N139	2.500186	3.583333	-7.544551	0	
118	N140	2.500186	4.354167	-7.544551	0	
119	N141A	2.500186	-2.645833	-7.544551	0	
120	N142A	4.117013	0	-4.244124	0	
121	N143	4.117013	3.583333	-4.244124	0	
122	N144	4.333519	0	-4.369124	0	
123	N145	4.333519	3.583333	-4.369124	0	
124	N146	4.333519	4.354167	-4.369124	0	
125	N147	4.333519	-2.645833	-4.369124	0	
126	N148	6.09618	0	-0.816107	0	
127	N149	6.09618	3.583333	-0.816107	0	
128	N150	6.312686	0	-0.941107	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N151	6.312686	3.583333	-0.941107	0	
130	N152	6.312686	4.354167	-0.941107	0	
131	N153A	6.312686	-2.645833	-0.941107	0	
132	N155A	-6.200346	0	-0.635685	0	
133	N156A	-6.200346	3.583333	-0.635685	0	
134	N157A	-6.416853	0	-0.760685	0	
135	N158A	-6.416853	3.583333	-0.760685	0	
136	N159	-6.416853	4.354167	-0.760685	0	
137	N160	-6.416853	-2.645833	-0.760685	0	
138	N161	-4.28368	0	-3.955449	0	
139	N162A	-4.28368	3.583333	-3.955449	0	
140	N163A	-4.500186	0	-4.080449	0	
141	N164	-4.500186	3.583333	-4.080449	0	
142	N165	-4.500186	4.354167	-4.080449	0	
143	N166	-4.500186	-2.645833	-4.080449	0	
144	N167A	-2.450346	0	-7.130876	0	
145	N168A	-2.450346	3.583333	-7.130876	0	
146	N169	-2.666853	0	-7.255876	0	
147	N170	-2.666853	3.583333	-7.255876	0	
148	N171	-2.666853	4.354167	-7.255876	0	
149	N172	-2.666853	-2.645833	-7.255876	0	
150	N173A	-0.47118	0	-10.558893	0	
151	N174A	-0.47118	3.583333	-10.558893	0	
152	N175A	-0.687686	0	-10.683893	0	
153	N176A	-0.687686	3.583333	-10.683893	0	
154	N177	-0.687686	4.354167	-10.683893	0	
155	N178	-0.687686	-2.645833	-10.683893	0	
156	N178A	-3.877817	0	-2.531787	0	
157	N179	-3.877512	-0.166667	-2.531787	0	
158	N180A	-4.003106	0	-2.747793	0	
159	N181A	-3.753106	0	-2.31478	0	
160	N183A	3.029997	0	-1.063319	0	
161	N184	3.029582	-0.166667	-1.063819	0	
162	N185	2.905574	0	-0.846812	0	
163	N186A	3.155574	0	-1.279825	0	
164	N173B	2.	3	0.25	0	
165	N174B	2.	-.5	0.25	0	
166	N175B	2.	1.35	0.25	0	
167	N177A	5.992013	3.583333	-0.996529	0	
168	N178B	0.575346	3.583333	-10.378471	0	
169	N179A	5.775507	3.583333	-0.871529	0	
170	N180B	0.35884	3.583333	-10.253471	0	
171	N182A	-0.575346	3.583333	-10.378471	0	
172	N183B	-5.992013	3.583333	-0.996529	0	
173	N184A	-0.35884	3.583333	-10.253471	0	
174	N185A	-5.775507	3.583333	-0.871529	0	
175	N176	5.833333	1.25	0.25	0	
176	N177B	5.833333	4.1	0.25	0	
177	N178C	5.833333	-1.4	0.25	0	
178	N179B	1.258333	0	-0.	0	
179	N180C	0.683333	0	-0.	0	
180	N181B	-0.65	0	-0.	0	
181	N182B	2.	2.35	0.25	0	
182	N183C	2.	3.083333	0.25	0	
183	N184B	2.	0.35	0.25	0	
184	N185B	2.	3.2	0.25	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Standoff HSS	HSS4X4X4	Beam	Tube	A500 Gr. B 46	Typical	3.37	7.8	7.8	12.8
2	Circular Plate over ...	PL1/4x7	Beam	RECT	A36 Gr.36	Typical	1.75	.009	7.146	.036
3	Circular Angle Conn...	L4X2X6	Beam	Single Angle	A36 Gr.36	Typical	2.109	.585	3.431	.091
4	Connection Plates	PL1/4x4	Beam	RECT	A36 Gr.36	Typical	1	.005	1.333	.02
5	Platform Angle	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr. B	Typical	2.07	2.85	2.85	5.69
7	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
8	Dual Antenna Moun...	PIPE_2.5	Column	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
9	Platform-Face Plate	PL5/8x8	Beam	RECT	A36 Gr.36	Typical	5	.163	26.667	.619
10	TES PFP	PL3/8X8	Beam	RECT	A36 Gr.36	Typical	3	.035	16	.136
11	Handrail	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
12	Circle Angle	L7x4x4	Beam	RECT	A36 Gr.36	Typical	2.688	3.55	14.104	.054
13	TES CAC	L4X4X6	Beam	RECT	A36 Gr.36	Typical	2.86	4.32	4.32	.141
14	TES Circle Angle Mi...	L5X3X4	Beam	RECT	A36 Gr.36	Typical	1.94	1.41	5.09	.044
15	Handrail Connection	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N3	N1			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
2	M2	N4	N1			Platform-Face ...	Beam	RECT	A36 Gr.36	Typical
3	M3	N12	N10			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
4	M4	N13	N10			Platform-Face ...	Beam	RECT	A36 Gr.36	Typical
5	M5	N21	N19			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
6	M6	N22	N19			Platform-Face ...	Beam	RECT	A36 Gr.36	Typical
7	M7	N25	N8			Connection Pl...	Beam	RECT	A36 Gr.36	Typical
8	M9	N32	N28			RIGID	None	None	RIGID	Typical
9	M10	N33	N29			RIGID	None	None	RIGID	Typical
10	M11	N30	N26A			RIGID	None	None	RIGID	Typical
11	M12	N31	N27			RIGID	None	None	RIGID	Typical
12	M13	N33	N30			Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
13	M14	N32	N31		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
14	M21	N7	N17			Connection Pl...	Beam	RECT	A36 Gr.36	Typical
15	M23	N66	N62			RIGID	None	None	RIGID	Typical
16	M24	N67	N63			RIGID	None	None	RIGID	Typical
17	M25	N64	N60			RIGID	None	None	RIGID	Typical
18	M26	N65	N61			RIGID	None	None	RIGID	Typical
19	M27	N67	N64			Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
20	M28	N66	N65		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
21	M35	N16	N26			Connection Pl...	Beam	RECT	A36 Gr.36	Typical
22	M37	N100	N96			RIGID	None	None	RIGID	Typical
23	M38	N101	N97			RIGID	None	None	RIGID	Typical
24	M39	N98	N94			RIGID	None	None	RIGID	Typical
25	M40	N99	N95			RIGID	None	None	RIGID	Typical
26	M41	N101	N98			Platform Angle	Beam	Single Angle	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
27	M42	N100	N99		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
28	M44	N54	N59			RIGID	None	None	RIGID	Typical
29	M46	N53	N58			RIGID	None	None	RIGID	Typical
30	M48	N59	N22		270	Circular Angle ...	Beam	Single Angle	A36 Gr.36	Typical
31	M49	N13	N58		270	Circular Angle ...	Beam	Single Angle	A36 Gr.36	Typical
32	M49A	N63A	N66A			RIGID	None	None	RIGID	Typical
33	M51	N62A	N65A			RIGID	None	None	RIGID	Typical
34	M53	N66A	N4		270	Circular Angle ...	Beam	Single Angle	A36 Gr.36	Typical
35	M54	N22	N65A		270	Circular Angle ...	Beam	Single Angle	A36 Gr.36	Typical
36	M55	N72	N75			RIGID	None	None	RIGID	Typical
37	M57	N71	N74			RIGID	None	None	RIGID	Typical
38	M59	N75	N13		270	Circular Angle ...	Beam	Single Angle	A36 Gr.36	Typical
39	M60	N4	N74		270	Circular Angle ...	Beam	Single Angle	A36 Gr.36	Typical
40	M62	N131A	N69			Standoff HSS	Beam	Tube	A500 Gr. ...	Typical
41	M64	N133A	N73A			Standoff HSS	Beam	Tube	A500 Gr. ...	Typical
42	M66	N135	N77			Standoff HSS	Beam	Tube	A500 Gr. ...	Typical
43	M100	N138D	N137A			Handrail	Beam	Pipe	A53 Gr. B	Typical
44	M101	N140B	N139B			Handrail	Beam	Pipe	A53 Gr. B	Typical
45	M102	N142	N141			Handrail	Beam	Pipe	A53 Gr. B	Typical
46	M105	N180B	N184A		180	Handrail Conn...	Beam	Single Angle	A36 Gr.36	Typical
47	M106	N182	N180			RIGID	None	None	RIGID	Typical
48	M108	N185A	N182		180	Handrail Conn...	Beam	Single Angle	A36 Gr.36	Typical
49	M110	N183	N181			RIGID	None	None	RIGID	Typical
50	M111	N183	N179A		180	Handrail Conn...	Beam	Single Angle	A36 Gr.36	Typical
51	M134A	N53	N185		270	Circle Angle	Beam	RECT	A36 Gr.36	Typical
52	M135A	N54	N23			Connection Pl...	Beam	RECT	A36 Gr.36	Typical
53	M136	N53	N15			Connection Pl...	Beam	RECT	A36 Gr.36	Typical
54	M129A	N230A	N233A	N9		RIGID	None	None	RIGID	Typical
55	M131A	N63A	N5			Connection Pl...	Beam	RECT	A36 Gr.36	Typical
56	M132A	N62A	N24			Connection Pl...	Beam	RECT	A36 Gr.36	Typical
57	M135B	N72	N14			Connection Pl...	Beam	RECT	A36 Gr.36	Typical
58	M136A	N71	N6			Connection Pl...	Beam	RECT	A36 Gr.36	Typical
59	M76	N113	N115			RIGID	None	None	RIGID	Typical
60	M77	N112	N114			RIGID	None	None	RIGID	Typical
61	MP1A	N124	N125			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
62	M97	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
63	M98	N10	N11			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
64	M99	N19	N20			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
65	M102A	N186A	N54		270	Circle Angle	Beam	RECT	A36 Gr.36	Typical
66	M102B	N62A	N162		270	Circle Angle	Beam	RECT	A36 Gr.36	Typical
67	M103B	N163	N63A		270	Circle Angle	Beam	RECT	A36 Gr.36	Typical
68	M104A	N163	N162			RIGID	None	None	RIGID	Typical
69	M105A	N71	N180A		270	Circle Angle	Beam	RECT	A36 Gr.36	Typical
70	M106A	N181A	N72		270	Circle Angle	Beam	RECT	A36 Gr.36	Typical
71	M81	N112A	N114A			RIGID	None	None	RIGID	Typical
72	M82	N111	N113A			RIGID	None	None	RIGID	Typical
73	MP2A	N115A	N116			Dual Antenna ...	Column	Pipe	A53 Gr. B	Typical
74	M84	N118	N120			RIGID	None	None	RIGID	Typical
75	M85	N117	N119			RIGID	None	None	RIGID	Typical
76	MP3A	N121	N122			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
77	M87	N124A	N126			RIGID	None	None	RIGID	Typical
78	M88	N123	N125A			RIGID	None	None	RIGID	Typical
79	MP4A	N127	N128			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
80	M90	N131B	N133			RIGID	None	None	RIGID	Typical
81	M91	N130	N132A			RIGID	None	None	RIGID	Typical
82	MP1C	N134	N135A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
83	M93	N137	N139			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
84	M94	N136	N138			RIGID	None	None	RIGID	Typical
85	MP2C	N140	N141A			Dual Antenna ...	Column	Pipe	A53 Gr. B	Typical
86	M96	N143	N145			RIGID	None	None	RIGID	Typical
87	M97A	N142A	N144			RIGID	None	None	RIGID	Typical
88	MP3C	N146	N147			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
89	M99A	N149	N151			RIGID	None	None	RIGID	Typical
90	M100B	N148	N150			RIGID	None	None	RIGID	Typical
91	MP4C	N152	N153A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
92	M102C	N156A	N158A			RIGID	None	None	RIGID	Typical
93	M103C	N155A	N157A			RIGID	None	None	RIGID	Typical
94	MP1B	N159	N160			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
95	M105B	N162A	N164			RIGID	None	None	RIGID	Typical
96	M106B	N161	N163A			RIGID	None	None	RIGID	Typical
97	MP2B	N165	N166			Dual Antenna ...	Column	Pipe	A53 Gr. B	Typical
98	M108A	N168A	N170			RIGID	None	None	RIGID	Typical
99	M109A	N167A	N169			RIGID	None	None	RIGID	Typical
100	MP3B	N171	N172			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
101	M111A	N174A	N176A			RIGID	None	None	RIGID	Typical
102	M112	N173A	N175A			RIGID	None	None	RIGID	Typical
103	MP4B	N177	N178			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
104	M114	N178A	N179	N9		RIGID	None	None	RIGID	Typical
105	M115	N181A	N180A			RIGID	None	None	RIGID	Typical
106	M116	N183A	N184	N9		RIGID	None	None	RIGID	Typical
107	M117	N186A	N185			RIGID	None	None	RIGID	Typical
108	M112A	N179A	N177A			RIGID	None	None	RIGID	Typical
109	M113	N180B	N178B			RIGID	None	None	RIGID	Typical
110	M114A	N184A	N182A			RIGID	None	None	RIGID	Typical
111	M115A	N185A	N183B			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes	Default			None
2	M2						Yes				None
3	M3						Yes				None
4	M4						Yes				None
5	M5						Yes				None
6	M6						Yes				None
7	M7						Yes				None
8	M9						Yes	** NA **			None
9	M10						Yes	** NA **			None
10	M11						Yes	** NA **			None
11	M12						Yes	** NA **			None
12	M13	OOOOOX	OOOOOX				Yes	Default			None
13	M14	OOOOXO	OOOOXO				Yes	Default			None
14	M21						Yes				None
15	M23						Yes	** NA **			None
16	M24						Yes	** NA **			None
17	M25						Yes	** NA **			None
18	M26						Yes	** NA **			None
19	M27	OOOOOX	OOOOOX				Yes	Default			None
20	M28	OOOOXO	OOOOXO				Yes	Default			None
21	M35						Yes				None
22	M37						Yes	** NA **			None
23	M38						Yes	** NA **			None
24	M39						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
25	M40						Yes	** NA **			None
26	M41	OOOOOX	OOOOOX				Yes	Default			None
27	M42	OOOOXO	OOOOXO				Yes	Default			None
28	M44						Yes	** NA **			None
29	M46						Yes	** NA **			None
30	M48						Yes				None
31	M49						Yes				None
32	M49A						Yes	** NA **			None
33	M51						Yes	** NA **			None
34	M53						Yes				None
35	M54						Yes				None
36	M55						Yes	** NA **			None
37	M57						Yes	** NA **			None
38	M59						Yes				None
39	M60						Yes				None
40	M62						Yes				None
41	M64						Yes				None
42	M66						Yes				None
43	M100						Yes				None
44	M101						Yes				None
45	M102						Yes				None
46	M105						Yes	Default			None
47	M106		OOOOOO				Yes	** NA **			None
48	M108						Yes	Default			None
49	M110		OOOOOO				Yes	** NA **			None
50	M111						Yes	Default			None
51	M134A						Yes	Default			None
52	M135A						Yes	Default			None
53	M136						Yes	Default			None
54	M129A	OOOOOX					Yes	** NA **			None
55	M131A						Yes	Default			None
56	M132A						Yes	Default			None
57	M135B						Yes	Default			None
58	M136A						Yes	Default			None
59	M76						Yes	** NA **			None
60	M77						Yes	** NA **			None
61	MP1A						Yes	** NA **			None
62	M97						Yes				None
63	M98						Yes				None
64	M99						Yes				None
65	M102A						Yes	Default			None
66	M102B						Yes	Default			None
67	M103B						Yes	Default			None
68	M104A						Yes	** NA **			None
69	M105A						Yes	Default			None
70	M106A						Yes	Default			None
71	M81						Yes	** NA **			None
72	M82						Yes	** NA **			None
73	MP2A						Yes	** NA **			None
74	M84						Yes	** NA **			None
75	M85						Yes	** NA **			None
76	MP3A						Yes	** NA **			None
77	M87						Yes	** NA **			None
78	M88						Yes	** NA **			None
79	MP4A						Yes	** NA **			None
80	M90						Yes	** NA **			None
81	M91						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
82	MP1C						Yes	** NA **			None
83	M93						Yes	** NA **			None
84	M94						Yes	** NA **			None
85	MP2C						Yes	** NA **			None
86	M96						Yes	** NA **			None
87	M97A						Yes	** NA **			None
88	MP3C						Yes	** NA **			None
89	M99A						Yes	** NA **			None
90	M100B						Yes	** NA **			None
91	MP4C						Yes	** NA **			None
92	M102C						Yes	** NA **			None
93	M103C						Yes	** NA **			None
94	MP1B						Yes	** NA **			None
95	M105B						Yes	** NA **			None
96	M106B						Yes	** NA **			None
97	MP2B						Yes	** NA **			None
98	M108A						Yes	** NA **			None
99	M109A						Yes	** NA **			None
100	MP3B						Yes	** NA **			None
101	M111A						Yes	** NA **			None
102	M112						Yes	** NA **			None
103	MP4B						Yes	** NA **			None
104	M114	OOOOOX					Yes	** NA **			None
105	M115						Yes	** NA **			None
106	M116	OOOOOX					Yes	** NA **			None
107	M117						Yes	** NA **			None
108	M112A		OOOOOO				Yes	** NA **			None
109	M113		OOOOOO				Yes	** NA **			None
110	M114A		OOOOOO				Yes	** NA **			None
111	M115A		OOOOOO				Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-31.65	1.15
2	MP2A	My	-.024	1.15
3	MP2A	Mz	.024	1.15
4	MP2A	Y	-31.65	4.85
5	MP2A	My	-.024	4.85
6	MP2A	Mz	.024	4.85
7	MP2B	Y	-31.65	1.15
8	MP2B	My	-.014	1.15
9	MP2B	Mz	-.03	1.15
10	MP2B	Y	-31.65	4.85
11	MP2B	My	-.014	4.85
12	MP2B	Mz	-.03	4.85
13	MP2C	Y	-31.65	1.15
14	MP2C	My	.033	1.15
15	MP2C	Mz	.003	1.15
16	MP2C	Y	-31.65	4.85
17	MP2C	My	.033	4.85
18	MP2C	Mz	.003	4.85
19	MP2A	Y	-31.65	1.15
20	MP2A	My	-.024	1.15
21	MP2A	Mz	-.024	1.15
22	MP2A	Y	-31.65	4.85

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	My	-.024	4.85
24	MP2A	Mz	-.024	4.85
25	MP2B	Y	-31.65	1.15
26	MP2B	My	.03	1.15
27	MP2B	Mz	-.014	1.15
28	MP2B	Y	-31.65	4.85
29	MP2B	My	.03	4.85
30	MP2B	Mz	-.014	4.85
31	MP2C	Y	-31.65	1.15
32	MP2C	My	-.003	1.15
33	MP2C	Mz	.033	1.15
34	MP2C	Y	-31.65	4.85
35	MP2C	My	-.003	4.85
36	MP2C	Mz	.033	4.85
37	MP3A	Y	-43.55	2
38	MP3A	My	-.022	2
39	MP3A	Mz	0	2
40	MP3A	Y	-43.55	4
41	MP3A	My	-.022	4
42	MP3A	Mz	0	4
43	MP3B	Y	-43.55	2
44	MP3B	My	-.022	2
45	MP3B	Mz	0	2
46	MP3B	Y	-43.55	4
47	MP3B	My	-.022	4
48	MP3B	Mz	0	4
49	MP3C	Y	-43.55	2
50	MP3C	My	-.022	2
51	MP3C	Mz	0	2
52	MP3C	Y	-43.55	4
53	MP3C	My	-.022	4
54	MP3C	Mz	0	4
55	MP1A	Y	-8.5	.25
56	MP1A	My	-.009	.25
57	MP1A	Mz	0	.25
58	MP1A	Y	-8.5	5.75
59	MP1A	My	-.009	5.75
60	MP1A	Mz	0	5.75
61	MP1B	Y	-8.5	.25
62	MP1B	My	.003	.25
63	MP1B	Mz	-.009	.25
64	MP1B	Y	-8.5	5.75
65	MP1B	My	.003	5.75
66	MP1B	Mz	-.009	5.75
67	MP1C	Y	-8.5	.25
68	MP1C	My	.006	.25
69	MP1C	Mz	.007	.25
70	MP1C	Y	-8.5	5.75
71	MP1C	My	.006	5.75
72	MP1C	Mz	.007	5.75
73	MP2A	Y	-10.4	1.27
74	MP2A	My	.004	1.27
75	MP2A	Mz	0	1.27
76	MP2B	Y	-10.4	1.27
77	MP2B	My	.004	1.27
78	MP2B	Mz	0	1.27
79	MP2C	Y	-10.4	1.27

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP2C	My	.004	1.27
81	MP2C	Mz	0	1.27
82	MP2A	Y	-84.4	2.35
83	MP2A	My	.053	2.35
84	MP2A	Mz	0	2.35
85	MP2B	Y	-84.4	2.35
86	MP2B	My	-.018	2.35
87	MP2B	Mz	.05	2.35
88	MP2C	Y	-84.4	2.35
89	MP2C	My	-.034	2.35
90	MP2C	Mz	-.04	2.35
91	MP3A	Y	-70.3	2.35
92	MP3A	My	.044	2.35
93	MP3A	Mz	0	2.35
94	MP3B	Y	-70.3	2.35
95	MP3B	My	-.015	2.35
96	MP3B	Mz	.041	2.35
97	MP3C	Y	-70.3	2.35
98	MP3C	My	-.028	2.35
99	MP3C	Mz	-.034	2.35

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-67.417	1.15
2	MP2A	My	-.051	1.15
3	MP2A	Mz	.051	1.15
4	MP2A	Y	-67.417	4.85
5	MP2A	My	-.051	4.85
6	MP2A	Mz	.051	4.85
7	MP2B	Y	-67.417	1.15
8	MP2B	My	-.03	1.15
9	MP2B	Mz	-.065	1.15
10	MP2B	Y	-67.417	4.85
11	MP2B	My	-.03	4.85
12	MP2B	Mz	-.065	4.85
13	MP2C	Y	-67.417	1.15
14	MP2C	My	.071	1.15
15	MP2C	Mz	.006	1.15
16	MP2C	Y	-67.417	4.85
17	MP2C	My	.071	4.85
18	MP2C	Mz	.006	4.85
19	MP2A	Y	-67.417	1.15
20	MP2A	My	-.051	1.15
21	MP2A	Mz	-.051	1.15
22	MP2A	Y	-67.417	4.85
23	MP2A	My	-.051	4.85
24	MP2A	Mz	-.051	4.85
25	MP2B	Y	-67.417	1.15
26	MP2B	My	.065	1.15
27	MP2B	Mz	-.03	1.15
28	MP2B	Y	-67.417	4.85
29	MP2B	My	.065	4.85
30	MP2B	Mz	-.03	4.85
31	MP2C	Y	-67.417	1.15
32	MP2C	My	-.006	1.15
33	MP2C	Mz	.071	1.15

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP2C	Y	-67.417	4.85
35	MP2C	My	-.006	4.85
36	MP2C	Mz	.071	4.85
37	MP3A	Y	-34.303	2
38	MP3A	My	-.017	2
39	MP3A	Mz	0	2
40	MP3A	Y	-34.303	4
41	MP3A	My	-.017	4
42	MP3A	Mz	0	4
43	MP3B	Y	-34.303	2
44	MP3B	My	-.017	2
45	MP3B	Mz	0	2
46	MP3B	Y	-34.303	4
47	MP3B	My	-.017	4
48	MP3B	Mz	0	4
49	MP3C	Y	-34.303	2
50	MP3C	My	-.017	2
51	MP3C	Mz	0	2
52	MP3C	Y	-34.303	4
53	MP3C	My	-.017	4
54	MP3C	Mz	0	4
55	MP1A	Y	-49.841	.25
56	MP1A	My	-.054	.25
57	MP1A	Mz	0	.25
58	MP1A	Y	-49.841	5.75
59	MP1A	My	-.054	5.75
60	MP1A	Mz	0	5.75
61	MP1B	Y	-49.841	.25
62	MP1B	My	.018	.25
63	MP1B	Mz	-.051	.25
64	MP1B	Y	-49.841	5.75
65	MP1B	My	.018	5.75
66	MP1B	Mz	-.051	5.75
67	MP1C	Y	-49.841	.25
68	MP1C	My	.035	.25
69	MP1C	Mz	.041	.25
70	MP1C	Y	-49.841	5.75
71	MP1C	My	.035	5.75
72	MP1C	Mz	.041	5.75
73	MP2A	Y	-10.293	1.27
74	MP2A	My	.004	1.27
75	MP2A	Mz	0	1.27
76	MP2B	Y	-10.293	1.27
77	MP2B	My	.004	1.27
78	MP2B	Mz	0	1.27
79	MP2C	Y	-10.293	1.27
80	MP2C	My	.004	1.27
81	MP2C	Mz	0	1.27
82	MP2A	Y	-43.224	2.35
83	MP2A	My	.027	2.35
84	MP2A	Mz	0	2.35
85	MP2B	Y	-43.224	2.35
86	MP2B	My	-.009	2.35
87	MP2B	Mz	.025	2.35
88	MP2C	Y	-43.224	2.35
89	MP2C	My	-.017	2.35
90	MP2C	Mz	-.021	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP3A	Y	-38.861	2.35
92	MP3A	My	.024	2.35
93	MP3A	Mz	0	2.35
94	MP3B	Y	-38.861	2.35
95	MP3B	My	-.008	2.35
96	MP3B	Mz	.023	2.35
97	MP3C	Y	-38.861	2.35
98	MP3C	My	-.016	2.35
99	MP3C	Mz	-.019	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.15
2	MP2A	Z	-183.821	1.15
3	MP2A	Mx	-.138	1.15
4	MP2A	X	0	4.85
5	MP2A	Z	-183.821	4.85
6	MP2A	Mx	-.138	4.85
7	MP2B	X	0	1.15
8	MP2B	Z	-128.112	1.15
9	MP2B	Mx	.123	1.15
10	MP2B	X	0	4.85
11	MP2B	Z	-128.112	4.85
12	MP2B	Mx	.123	4.85
13	MP2C	X	0	1.15
14	MP2C	Z	-146.799	1.15
15	MP2C	Mx	-.014	1.15
16	MP2C	X	0	4.85
17	MP2C	Z	-146.799	4.85
18	MP2C	Mx	-.014	4.85
19	MP2A	X	0	1.15
20	MP2A	Z	-183.821	1.15
21	MP2A	Mx	.138	1.15
22	MP2A	X	0	4.85
23	MP2A	Z	-183.821	4.85
24	MP2A	Mx	.138	4.85
25	MP2B	X	0	1.15
26	MP2B	Z	-128.112	1.15
27	MP2B	Mx	.057	1.15
28	MP2B	X	0	4.85
29	MP2B	Z	-128.112	4.85
30	MP2B	Mx	.057	4.85
31	MP2C	X	0	1.15
32	MP2C	Z	-146.799	1.15
33	MP2C	Mx	-.155	1.15
34	MP2C	X	0	4.85
35	MP2C	Z	-146.799	4.85
36	MP2C	Mx	-.155	4.85
37	MP3A	X	0	2
38	MP3A	Z	-94.836	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	-94.836	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	-94.836	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3B	Mx	0	2
46	MP3B	X	0	4
47	MP3B	Z	-94.836	4
48	MP3B	Mx	0	4
49	MP3C	X	0	2
50	MP3C	Z	-94.836	2
51	MP3C	Mx	0	2
52	MP3C	X	0	4
53	MP3C	Z	-94.836	4
54	MP3C	Mx	0	4
55	MP1A	X	0	.25
56	MP1A	Z	-152.747	.25
57	MP1A	Mx	0	.25
58	MP1A	X	0	5.75
59	MP1A	Z	-152.747	5.75
60	MP1A	Mx	0	5.75
61	MP1B	X	0	.25
62	MP1B	Z	-91.955	.25
63	MP1B	Mx	.094	.25
64	MP1B	X	0	5.75
65	MP1B	Z	-91.955	5.75
66	MP1B	Mx	.094	5.75
67	MP1C	X	0	.25
68	MP1C	Z	-112.347	.25
69	MP1C	Mx	-.093	.25
70	MP1C	X	0	5.75
71	MP1C	Z	-112.347	5.75
72	MP1C	Mx	-.093	5.75
73	MP2A	X	0	1.27
74	MP2A	Z	-14.932	1.27
75	MP2A	Mx	0	1.27
76	MP2B	X	0	1.27
77	MP2B	Z	-14.932	1.27
78	MP2B	Mx	0	1.27
79	MP2C	X	0	1.27
80	MP2C	Z	-14.932	1.27
81	MP2C	Mx	0	1.27
82	MP2A	X	0	2.35
83	MP2A	Z	-75.466	2.35
84	MP2A	Mx	0	2.35
85	MP2B	X	0	2.35
86	MP2B	Z	-53.372	2.35
87	MP2B	Mx	-.031	2.35
88	MP2C	X	0	2.35
89	MP2C	Z	-60.783	2.35
90	MP2C	Mx	.029	2.35
91	MP3A	X	0	2.35
92	MP3A	Z	-75.466	2.35
93	MP3A	Mx	0	2.35
94	MP3B	X	0	2.35
95	MP3B	Z	-44.908	2.35
96	MP3B	Mx	-.026	2.35
97	MP3C	X	0	2.35
98	MP3C	Z	-55.158	2.35
99	MP3C	Mx	.026	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	84.024	1.15
2	MP2A	Z	-145.534	1.15
3	MP2A	Mx	-.172	1.15
4	MP2A	X	84.024	4.85
5	MP2A	Z	-145.534	4.85
6	MP2A	Mx	-.172	4.85
7	MP2B	X	61.317	1.15
8	MP2B	Z	-106.204	1.15
9	MP2B	Mx	.075	1.15
10	MP2B	X	61.317	4.85
11	MP2B	Z	-106.204	4.85
12	MP2B	Mx	.075	4.85
13	MP2C	X	88.221	1.15
14	MP2C	Z	-152.802	1.15
15	MP2C	Mx	.079	1.15
16	MP2C	X	88.221	4.85
17	MP2C	Z	-152.802	4.85
18	MP2C	Mx	.079	4.85
19	MP2A	X	84.024	1.15
20	MP2A	Z	-145.534	1.15
21	MP2A	Mx	.046	1.15
22	MP2A	X	84.024	4.85
23	MP2A	Z	-145.534	4.85
24	MP2A	Mx	.046	4.85
25	MP2B	X	61.317	1.15
26	MP2B	Z	-106.204	1.15
27	MP2B	Mx	.107	1.15
28	MP2B	X	61.317	4.85
29	MP2B	Z	-106.204	4.85
30	MP2B	Mx	.107	4.85
31	MP2C	X	88.221	1.15
32	MP2C	Z	-152.802	1.15
33	MP2C	Mx	-.17	1.15
34	MP2C	X	88.221	4.85
35	MP2C	Z	-152.802	4.85
36	MP2C	Mx	-.17	4.85
37	MP3A	X	40.205	2
38	MP3A	Z	-69.637	2
39	MP3A	Mx	-.02	2
40	MP3A	X	40.205	4
41	MP3A	Z	-69.637	4
42	MP3A	Mx	-.02	4
43	MP3B	X	40.205	2
44	MP3B	Z	-69.637	2
45	MP3B	Mx	-.02	2
46	MP3B	X	40.205	4
47	MP3B	Z	-69.637	4
48	MP3B	Mx	-.02	4
49	MP3C	X	40.205	2
50	MP3C	Z	-69.637	2
51	MP3C	Mx	-.02	2
52	MP3C	X	40.205	4
53	MP3C	Z	-69.637	4
54	MP3C	Mx	-.02	4
55	MP1A	X	67.768	.25
56	MP1A	Z	-117.377	.25
57	MP1A	Mx	-.073	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	67.768	5.75
59	MP1A	Z	-117.377	5.75
60	MP1A	Mx	-.073	5.75
61	MP1B	X	42.989	.25
62	MP1B	Z	-74.459	.25
63	MP1B	Mx	.092	.25
64	MP1B	X	42.989	5.75
65	MP1B	Z	-74.459	5.75
66	MP1B	Mx	.092	5.75
67	MP1C	X	72.347	.25
68	MP1C	Z	-125.308	.25
69	MP1C	Mx	-.054	.25
70	MP1C	X	72.347	5.75
71	MP1C	Z	-125.308	5.75
72	MP1C	Mx	-.054	5.75
73	MP2A	X	6.891	1.27
74	MP2A	Z	-11.935	1.27
75	MP2A	Mx	.003	1.27
76	MP2B	X	6.891	1.27
77	MP2B	Z	-11.935	1.27
78	MP2B	Mx	.003	1.27
79	MP2C	X	6.891	1.27
80	MP2C	Z	-11.935	1.27
81	MP2C	Mx	.003	1.27
82	MP2A	X	34.605	2.35
83	MP2A	Z	-59.938	2.35
84	MP2A	Mx	.022	2.35
85	MP2B	X	25.6	2.35
86	MP2B	Z	-44.34	2.35
87	MP2B	Mx	-.032	2.35
88	MP2C	X	36.269	2.35
89	MP2C	Z	-62.82	2.35
90	MP2C	Mx	.016	2.35
91	MP3A	X	33.407	2.35
92	MP3A	Z	-57.863	2.35
93	MP3A	Mx	.021	2.35
94	MP3B	X	20.952	2.35
95	MP3B	Z	-36.29	2.35
96	MP3B	Mx	-.026	2.35
97	MP3C	X	35.709	2.35
98	MP3C	Z	-61.849	2.35
99	MP3C	Mx	.015	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	118.216	1.15
2	MP2A	Z	-68.252	1.15
3	MP2A	Mx	-.14	1.15
4	MP2A	X	118.216	4.85
5	MP2A	Z	-68.252	4.85
6	MP2A	Mx	-.14	4.85
7	MP2B	X	127.131	1.15
8	MP2B	Z	-73.399	1.15
9	MP2B	Mx	.014	1.15
10	MP2B	X	127.131	4.85
11	MP2B	Z	-73.399	4.85

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	.014	4.85
13	MP2C	X	157.546	1.15
14	MP2C	Z	-90.959	1.15
15	MP2C	Mx	.158	1.15
16	MP2C	X	157.546	4.85
17	MP2C	Z	-90.959	4.85
18	MP2C	Mx	.158	4.85
19	MP2A	X	118.216	1.15
20	MP2A	Z	-68.252	1.15
21	MP2A	Mx	-.037	1.15
22	MP2A	X	118.216	4.85
23	MP2A	Z	-68.252	4.85
24	MP2A	Mx	-.037	4.85
25	MP2B	X	127.131	1.15
26	MP2B	Z	-73.399	1.15
27	MP2B	Mx	.155	1.15
28	MP2B	X	127.131	4.85
29	MP2B	Z	-73.399	4.85
30	MP2B	Mx	.155	4.85
31	MP2C	X	157.546	1.15
32	MP2C	Z	-90.959	1.15
33	MP2C	Mx	-.111	1.15
34	MP2C	X	157.546	4.85
35	MP2C	Z	-90.959	4.85
36	MP2C	Mx	-.111	4.85
37	MP3A	X	44.648	2
38	MP3A	Z	-25.778	2
39	MP3A	Mx	-.022	2
40	MP3A	X	44.648	4
41	MP3A	Z	-25.778	4
42	MP3A	Mx	-.022	4
43	MP3B	X	44.648	2
44	MP3B	Z	-25.778	2
45	MP3B	Mx	-.022	2
46	MP3B	X	44.648	4
47	MP3B	Z	-25.778	4
48	MP3B	Mx	-.022	4
49	MP3C	X	44.648	2
50	MP3C	Z	-25.778	2
51	MP3C	Mx	-.022	2
52	MP3C	X	44.648	4
53	MP3C	Z	-25.778	4
54	MP3C	Mx	-.022	4
55	MP1A	X	87.567	.25
56	MP1A	Z	-50.557	.25
57	MP1A	Mx	-.095	.25
58	MP1A	X	87.567	5.75
59	MP1A	Z	-50.557	5.75
60	MP1A	Mx	-.095	5.75
61	MP1B	X	97.295	.25
62	MP1B	Z	-56.174	.25
63	MP1B	Mx	.093	.25
64	MP1B	X	97.295	5.75
65	MP1B	Z	-56.174	5.75
66	MP1B	Mx	.093	5.75
67	MP1C	X	130.485	.25
68	MP1C	Z	-75.336	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP1C	Mx	.028	.25
70	MP1C	X	130.485	5.75
71	MP1C	Z	-75.336	5.75
72	MP1C	Mx	.028	5.75
73	MP2A	X	9.943	1.27
74	MP2A	Z	-5.741	1.27
75	MP2A	Mx	.004	1.27
76	MP2B	X	9.943	1.27
77	MP2B	Z	-5.741	1.27
78	MP2B	Mx	.004	1.27
79	MP2C	X	9.943	1.27
80	MP2C	Z	-5.741	1.27
81	MP2C	Mx	.004	1.27
82	MP2A	X	49.104	2.35
83	MP2A	Z	-28.35	2.35
84	MP2A	Mx	.031	2.35
85	MP2B	X	52.639	2.35
86	MP2B	Z	-30.391	2.35
87	MP2B	Mx	-.029	2.35
88	MP2C	X	64.702	2.35
89	MP2C	Z	-37.356	2.35
90	MP2C	Mx	-.008	2.35
91	MP3A	X	42.878	2.35
92	MP3A	Z	-24.756	2.35
93	MP3A	Mx	.027	2.35
94	MP3B	X	47.769	2.35
95	MP3B	Z	-27.579	2.35
96	MP3B	Mx	-.026	2.35
97	MP3C	X	64.451	2.35
98	MP3C	Z	-37.211	2.35
99	MP3C	Mx	-.008	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	120.731	1.15
2	MP2A	Z	0	1.15
3	MP2A	Mx	-.091	1.15
4	MP2A	X	120.731	4.85
5	MP2A	Z	0	4.85
6	MP2A	Mx	-.091	4.85
7	MP2B	X	176.441	1.15
8	MP2B	Z	0	1.15
9	MP2B	Mx	-.079	1.15
10	MP2B	X	176.441	4.85
11	MP2B	Z	0	4.85
12	MP2B	Mx	-.079	4.85
13	MP2C	X	157.754	1.15
14	MP2C	Z	0	1.15
15	MP2C	Mx	.167	1.15
16	MP2C	X	157.754	4.85
17	MP2C	Z	0	4.85
18	MP2C	Mx	.167	4.85
19	MP2A	X	120.731	1.15
20	MP2A	Z	0	1.15
21	MP2A	Mx	-.091	1.15
22	MP2A	X	120.731	4.85

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	0	4.85
24	MP2A	Mx	-.091	4.85
25	MP2B	X	176.441	1.15
26	MP2B	Z	0	1.15
27	MP2B	Mx	.17	1.15
28	MP2B	X	176.441	4.85
29	MP2B	Z	0	4.85
30	MP2B	Mx	.17	4.85
31	MP2C	X	157.754	1.15
32	MP2C	Z	0	1.15
33	MP2C	Mx	-.015	1.15
34	MP2C	X	157.754	4.85
35	MP2C	Z	0	4.85
36	MP2C	Mx	-.015	4.85
37	MP3A	X	37.128	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.019	2
40	MP3A	X	37.128	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.019	4
43	MP3B	X	37.128	2
44	MP3B	Z	0	2
45	MP3B	Mx	-.019	2
46	MP3B	X	37.128	4
47	MP3B	Z	0	4
48	MP3B	Mx	-.019	4
49	MP3C	X	37.128	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.019	2
52	MP3C	X	37.128	4
53	MP3C	Z	0	4
54	MP3C	Mx	-.019	4
55	MP1A	X	83.902	.25
56	MP1A	Z	0	.25
57	MP1A	Mx	-.091	.25
58	MP1A	X	83.902	5.75
59	MP1A	Z	0	5.75
60	MP1A	Mx	-.091	5.75
61	MP1B	X	144.694	.25
62	MP1B	Z	0	.25
63	MP1B	Mx	.054	.25
64	MP1B	X	144.694	5.75
65	MP1B	Z	0	5.75
66	MP1B	Mx	.054	5.75
67	MP1C	X	124.302	.25
68	MP1C	Z	0	.25
69	MP1C	Mx	.087	.25
70	MP1C	X	124.302	5.75
71	MP1C	Z	0	5.75
72	MP1C	Mx	.087	5.75
73	MP2A	X	10.331	1.27
74	MP2A	Z	0	1.27
75	MP2A	Mx	.004	1.27
76	MP2B	X	10.331	1.27
77	MP2B	Z	0	1.27
78	MP2B	Mx	.004	1.27
79	MP2C	X	10.331	1.27

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP2C	Z	0	1.27
81	MP2C	Mx	.004	1.27
82	MP2A	X	50.445	2.35
83	MP2A	Z	0	2.35
84	MP2A	Mx	.032	2.35
85	MP2B	X	72.539	2.35
86	MP2B	Z	0	2.35
87	MP2B	Mx	-.016	2.35
88	MP2C	X	65.128	2.35
89	MP2C	Z	0	2.35
90	MP2C	Mx	-.026	2.35
91	MP3A	X	40.86	2.35
92	MP3A	Z	0	2.35
93	MP3A	Mx	.026	2.35
94	MP3B	X	71.418	2.35
95	MP3B	Z	0	2.35
96	MP3B	Mx	-.015	2.35
97	MP3C	X	61.168	2.35
98	MP3C	Z	0	2.35
99	MP3C	Mx	-.025	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	118.216	1.15
2	MP2A	Z	68.252	1.15
3	MP2A	Mx	-.037	1.15
4	MP2A	X	118.216	4.85
5	MP2A	Z	68.252	4.85
6	MP2A	Mx	-.037	4.85
7	MP2B	X	157.546	1.15
8	MP2B	Z	90.959	1.15
9	MP2B	Mx	-.158	1.15
10	MP2B	X	157.546	4.85
11	MP2B	Z	90.959	4.85
12	MP2B	Mx	-.158	4.85
13	MP2C	X	110.948	1.15
14	MP2C	Z	64.056	1.15
15	MP2C	Mx	.123	1.15
16	MP2C	X	110.948	4.85
17	MP2C	Z	64.056	4.85
18	MP2C	Mx	.123	4.85
19	MP2A	X	118.216	1.15
20	MP2A	Z	68.252	1.15
21	MP2A	Mx	-.14	1.15
22	MP2A	X	118.216	4.85
23	MP2A	Z	68.252	4.85
24	MP2A	Mx	-.14	4.85
25	MP2B	X	157.546	1.15
26	MP2B	Z	90.959	1.15
27	MP2B	Mx	.111	1.15
28	MP2B	X	157.546	4.85
29	MP2B	Z	90.959	4.85
30	MP2B	Mx	.111	4.85
31	MP2C	X	110.948	1.15
32	MP2C	Z	64.056	1.15
33	MP2C	Mx	.057	1.15

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP2C	X	110.948	4.85
35	MP2C	Z	64.056	4.85
36	MP2C	Mx	.057	4.85
37	MP3A	X	44.648	2
38	MP3A	Z	25.778	2
39	MP3A	Mx	-.022	2
40	MP3A	X	44.648	4
41	MP3A	Z	25.778	4
42	MP3A	Mx	-.022	4
43	MP3B	X	44.648	2
44	MP3B	Z	25.778	2
45	MP3B	Mx	-.022	2
46	MP3B	X	44.648	4
47	MP3B	Z	25.778	4
48	MP3B	Mx	-.022	4
49	MP3C	X	44.648	2
50	MP3C	Z	25.778	2
51	MP3C	Mx	-.022	2
52	MP3C	X	44.648	4
53	MP3C	Z	25.778	4
54	MP3C	Mx	-.022	4
55	MP1A	X	87.567	.25
56	MP1A	Z	50.557	.25
57	MP1A	Mx	-.095	.25
58	MP1A	X	87.567	5.75
59	MP1A	Z	50.557	5.75
60	MP1A	Mx	-.095	5.75
61	MP1B	X	130.485	.25
62	MP1B	Z	75.336	.25
63	MP1B	Mx	-.028	.25
64	MP1B	X	130.485	5.75
65	MP1B	Z	75.336	5.75
66	MP1B	Mx	-.028	5.75
67	MP1C	X	79.636	.25
68	MP1C	Z	45.978	.25
69	MP1C	Mx	.094	.25
70	MP1C	X	79.636	5.75
71	MP1C	Z	45.978	5.75
72	MP1C	Mx	.094	5.75
73	MP2A	X	9.943	1.27
74	MP2A	Z	5.741	1.27
75	MP2A	Mx	.004	1.27
76	MP2B	X	9.943	1.27
77	MP2B	Z	5.741	1.27
78	MP2B	Mx	.004	1.27
79	MP2C	X	9.943	1.27
80	MP2C	Z	5.741	1.27
81	MP2C	Mx	.004	1.27
82	MP2A	X	49.104	2.35
83	MP2A	Z	28.35	2.35
84	MP2A	Mx	.031	2.35
85	MP2B	X	64.702	2.35
86	MP2B	Z	37.356	2.35
87	MP2B	Mx	.008	2.35
88	MP2C	X	46.221	2.35
89	MP2C	Z	26.686	2.35
90	MP2C	Mx	-.031	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP3A	X	42.878	2.35
92	MP3A	Z	24.756	2.35
93	MP3A	Mx	.027	2.35
94	MP3B	X	64.451	2.35
95	MP3B	Z	37.211	2.35
96	MP3B	Mx	.008	2.35
97	MP3C	X	38.892	2.35
98	MP3C	Z	22.454	2.35
99	MP3C	Mx	-.026	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	84.024	1.15
2	MP2A	Z	145.534	1.15
3	MP2A	Mx	.046	1.15
4	MP2A	X	84.024	4.85
5	MP2A	Z	145.534	4.85
6	MP2A	Mx	.046	4.85
7	MP2B	X	78.877	1.15
8	MP2B	Z	136.619	1.15
9	MP2B	Mx	-.167	1.15
10	MP2B	X	78.877	4.85
11	MP2B	Z	136.619	4.85
12	MP2B	Mx	-.167	4.85
13	MP2C	X	61.317	1.15
14	MP2C	Z	106.204	1.15
15	MP2C	Mx	.075	1.15
16	MP2C	X	61.317	4.85
17	MP2C	Z	106.204	4.85
18	MP2C	Mx	.075	4.85
19	MP2A	X	84.024	1.15
20	MP2A	Z	145.534	1.15
21	MP2A	Mx	-.172	1.15
22	MP2A	X	84.024	4.85
23	MP2A	Z	145.534	4.85
24	MP2A	Mx	-.172	4.85
25	MP2B	X	78.877	1.15
26	MP2B	Z	136.619	1.15
27	MP2B	Mx	.015	1.15
28	MP2B	X	78.877	4.85
29	MP2B	Z	136.619	4.85
30	MP2B	Mx	.015	4.85
31	MP2C	X	61.317	1.15
32	MP2C	Z	106.204	1.15
33	MP2C	Mx	.107	1.15
34	MP2C	X	61.317	4.85
35	MP2C	Z	106.204	4.85
36	MP2C	Mx	.107	4.85
37	MP3A	X	40.205	2
38	MP3A	Z	69.637	2
39	MP3A	Mx	-.02	2
40	MP3A	X	40.205	4
41	MP3A	Z	69.637	4
42	MP3A	Mx	-.02	4
43	MP3B	X	40.205	2
44	MP3B	Z	69.637	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3B	Mx	-.02	2
46	MP3B	X	40.205	4
47	MP3B	Z	69.637	4
48	MP3B	Mx	-.02	4
49	MP3C	X	40.205	2
50	MP3C	Z	69.637	2
51	MP3C	Mx	-.02	2
52	MP3C	X	40.205	4
53	MP3C	Z	69.637	4
54	MP3C	Mx	-.02	4
55	MP1A	X	67.768	.25
56	MP1A	Z	117.377	.25
57	MP1A	Mx	-.073	.25
58	MP1A	X	67.768	5.75
59	MP1A	Z	117.377	5.75
60	MP1A	Mx	-.073	5.75
61	MP1B	X	62.151	.25
62	MP1B	Z	107.649	.25
63	MP1B	Mx	-.087	.25
64	MP1B	X	62.151	5.75
65	MP1B	Z	107.649	5.75
66	MP1B	Mx	-.087	5.75
67	MP1C	X	42.989	.25
68	MP1C	Z	74.459	.25
69	MP1C	Mx	.092	.25
70	MP1C	X	42.989	5.75
71	MP1C	Z	74.459	5.75
72	MP1C	Mx	.092	5.75
73	MP2A	X	6.891	1.27
74	MP2A	Z	11.935	1.27
75	MP2A	Mx	.003	1.27
76	MP2B	X	6.891	1.27
77	MP2B	Z	11.935	1.27
78	MP2B	Mx	.003	1.27
79	MP2C	X	6.891	1.27
80	MP2C	Z	11.935	1.27
81	MP2C	Mx	.003	1.27
82	MP2A	X	34.605	2.35
83	MP2A	Z	59.938	2.35
84	MP2A	Mx	.022	2.35
85	MP2B	X	32.564	2.35
86	MP2B	Z	56.402	2.35
87	MP2B	Mx	.026	2.35
88	MP2C	X	25.6	2.35
89	MP2C	Z	44.34	2.35
90	MP2C	Mx	-.032	2.35
91	MP3A	X	33.407	2.35
92	MP3A	Z	57.863	2.35
93	MP3A	Mx	.021	2.35
94	MP3B	X	30.584	2.35
95	MP3B	Z	52.973	2.35
96	MP3B	Mx	.025	2.35
97	MP3C	X	20.952	2.35
98	MP3C	Z	36.29	2.35
99	MP3C	Mx	-.026	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.15
2	MP2A	Z	183.821	1.15
3	MP2A	Mx	.138	1.15
4	MP2A	X	0	4.85
5	MP2A	Z	183.821	4.85
6	MP2A	Mx	.138	4.85
7	MP2B	X	0	1.15
8	MP2B	Z	128.112	1.15
9	MP2B	Mx	-.123	1.15
10	MP2B	X	0	4.85
11	MP2B	Z	128.112	4.85
12	MP2B	Mx	-.123	4.85
13	MP2C	X	0	1.15
14	MP2C	Z	146.799	1.15
15	MP2C	Mx	.014	1.15
16	MP2C	X	0	4.85
17	MP2C	Z	146.799	4.85
18	MP2C	Mx	.014	4.85
19	MP2A	X	0	1.15
20	MP2A	Z	183.821	1.15
21	MP2A	Mx	-.138	1.15
22	MP2A	X	0	4.85
23	MP2A	Z	183.821	4.85
24	MP2A	Mx	-.138	4.85
25	MP2B	X	0	1.15
26	MP2B	Z	128.112	1.15
27	MP2B	Mx	-.057	1.15
28	MP2B	X	0	4.85
29	MP2B	Z	128.112	4.85
30	MP2B	Mx	-.057	4.85
31	MP2C	X	0	1.15
32	MP2C	Z	146.799	1.15
33	MP2C	Mx	.155	1.15
34	MP2C	X	0	4.85
35	MP2C	Z	146.799	4.85
36	MP2C	Mx	.155	4.85
37	MP3A	X	0	2
38	MP3A	Z	94.836	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	94.836	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	94.836	2
45	MP3B	Mx	0	2
46	MP3B	X	0	4
47	MP3B	Z	94.836	4
48	MP3B	Mx	0	4
49	MP3C	X	0	2
50	MP3C	Z	94.836	2
51	MP3C	Mx	0	2
52	MP3C	X	0	4
53	MP3C	Z	94.836	4
54	MP3C	Mx	0	4
55	MP1A	X	0	.25
56	MP1A	Z	152.747	.25
57	MP1A	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	0	5.75
59	MP1A	Z	152.747	5.75
60	MP1A	Mx	0	5.75
61	MP1B	X	0	.25
62	MP1B	Z	91.955	.25
63	MP1B	Mx	-.094	.25
64	MP1B	X	0	5.75
65	MP1B	Z	91.955	5.75
66	MP1B	Mx	-.094	5.75
67	MP1C	X	0	.25
68	MP1C	Z	112.347	.25
69	MP1C	Mx	.093	.25
70	MP1C	X	0	5.75
71	MP1C	Z	112.347	5.75
72	MP1C	Mx	.093	5.75
73	MP2A	X	0	1.27
74	MP2A	Z	14.932	1.27
75	MP2A	Mx	0	1.27
76	MP2B	X	0	1.27
77	MP2B	Z	14.932	1.27
78	MP2B	Mx	0	1.27
79	MP2C	X	0	1.27
80	MP2C	Z	14.932	1.27
81	MP2C	Mx	0	1.27
82	MP2A	X	0	2.35
83	MP2A	Z	75.466	2.35
84	MP2A	Mx	0	2.35
85	MP2B	X	0	2.35
86	MP2B	Z	53.372	2.35
87	MP2B	Mx	.031	2.35
88	MP2C	X	0	2.35
89	MP2C	Z	60.783	2.35
90	MP2C	Mx	-.029	2.35
91	MP3A	X	0	2.35
92	MP3A	Z	75.466	2.35
93	MP3A	Mx	0	2.35
94	MP3B	X	0	2.35
95	MP3B	Z	44.908	2.35
96	MP3B	Mx	.026	2.35
97	MP3C	X	0	2.35
98	MP3C	Z	55.158	2.35
99	MP3C	Mx	-.026	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-84.024	1.15
2	MP2A	Z	145.534	1.15
3	MP2A	Mx	.172	1.15
4	MP2A	X	-84.024	4.85
5	MP2A	Z	145.534	4.85
6	MP2A	Mx	.172	4.85
7	MP2B	X	-61.317	1.15
8	MP2B	Z	106.204	1.15
9	MP2B	Mx	-.075	1.15
10	MP2B	X	-61.317	4.85
11	MP2B	Z	106.204	4.85

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	-.075	4.85
13	MP2C	X	-88.221	1.15
14	MP2C	Z	152.802	1.15
15	MP2C	Mx	-.079	1.15
16	MP2C	X	-88.221	4.85
17	MP2C	Z	152.802	4.85
18	MP2C	Mx	-.079	4.85
19	MP2A	X	-84.024	1.15
20	MP2A	Z	145.534	1.15
21	MP2A	Mx	-.046	1.15
22	MP2A	X	-84.024	4.85
23	MP2A	Z	145.534	4.85
24	MP2A	Mx	-.046	4.85
25	MP2B	X	-61.317	1.15
26	MP2B	Z	106.204	1.15
27	MP2B	Mx	-.107	1.15
28	MP2B	X	-61.317	4.85
29	MP2B	Z	106.204	4.85
30	MP2B	Mx	-.107	4.85
31	MP2C	X	-88.221	1.15
32	MP2C	Z	152.802	1.15
33	MP2C	Mx	.17	1.15
34	MP2C	X	-88.221	4.85
35	MP2C	Z	152.802	4.85
36	MP2C	Mx	.17	4.85
37	MP3A	X	-40.205	2
38	MP3A	Z	69.637	2
39	MP3A	Mx	.02	2
40	MP3A	X	-40.205	4
41	MP3A	Z	69.637	4
42	MP3A	Mx	.02	4
43	MP3B	X	-40.205	2
44	MP3B	Z	69.637	2
45	MP3B	Mx	.02	2
46	MP3B	X	-40.205	4
47	MP3B	Z	69.637	4
48	MP3B	Mx	.02	4
49	MP3C	X	-40.205	2
50	MP3C	Z	69.637	2
51	MP3C	Mx	.02	2
52	MP3C	X	-40.205	4
53	MP3C	Z	69.637	4
54	MP3C	Mx	.02	4
55	MP1A	X	-67.768	.25
56	MP1A	Z	117.377	.25
57	MP1A	Mx	.073	.25
58	MP1A	X	-67.768	5.75
59	MP1A	Z	117.377	5.75
60	MP1A	Mx	.073	5.75
61	MP1B	X	-42.989	.25
62	MP1B	Z	74.459	.25
63	MP1B	Mx	-.092	.25
64	MP1B	X	-42.989	5.75
65	MP1B	Z	74.459	5.75
66	MP1B	Mx	-.092	5.75
67	MP1C	X	-72.347	.25
68	MP1C	Z	125.308	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP1C	Mx	.054	.25
70	MP1C	X	-72.347	5.75
71	MP1C	Z	125.308	5.75
72	MP1C	Mx	.054	5.75
73	MP2A	X	-6.891	1.27
74	MP2A	Z	11.935	1.27
75	MP2A	Mx	-.003	1.27
76	MP2B	X	-6.891	1.27
77	MP2B	Z	11.935	1.27
78	MP2B	Mx	-.003	1.27
79	MP2C	X	-6.891	1.27
80	MP2C	Z	11.935	1.27
81	MP2C	Mx	-.003	1.27
82	MP2A	X	-34.605	2.35
83	MP2A	Z	59.938	2.35
84	MP2A	Mx	-.022	2.35
85	MP2B	X	-25.6	2.35
86	MP2B	Z	44.34	2.35
87	MP2B	Mx	.032	2.35
88	MP2C	X	-36.269	2.35
89	MP2C	Z	62.82	2.35
90	MP2C	Mx	-.016	2.35
91	MP3A	X	-33.407	2.35
92	MP3A	Z	57.863	2.35
93	MP3A	Mx	-.021	2.35
94	MP3B	X	-20.952	2.35
95	MP3B	Z	36.29	2.35
96	MP3B	Mx	.026	2.35
97	MP3C	X	-35.709	2.35
98	MP3C	Z	61.849	2.35
99	MP3C	Mx	-.015	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-118.216	1.15
2	MP2A	Z	68.252	1.15
3	MP2A	Mx	.14	1.15
4	MP2A	X	-118.216	4.85
5	MP2A	Z	68.252	4.85
6	MP2A	Mx	.14	4.85
7	MP2B	X	-127.131	1.15
8	MP2B	Z	73.399	1.15
9	MP2B	Mx	-.014	1.15
10	MP2B	X	-127.131	4.85
11	MP2B	Z	73.399	4.85
12	MP2B	Mx	-.014	4.85
13	MP2C	X	-157.546	1.15
14	MP2C	Z	90.959	1.15
15	MP2C	Mx	-.158	1.15
16	MP2C	X	-157.546	4.85
17	MP2C	Z	90.959	4.85
18	MP2C	Mx	-.158	4.85
19	MP2A	X	-118.216	1.15
20	MP2A	Z	68.252	1.15
21	MP2A	Mx	.037	1.15
22	MP2A	X	-118.216	4.85

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	68.252	4.85
24	MP2A	Mx	.037	4.85
25	MP2B	X	-127.131	1.15
26	MP2B	Z	73.399	1.15
27	MP2B	Mx	-.155	1.15
28	MP2B	X	-127.131	4.85
29	MP2B	Z	73.399	4.85
30	MP2B	Mx	-.155	4.85
31	MP2C	X	-157.546	1.15
32	MP2C	Z	90.959	1.15
33	MP2C	Mx	.111	1.15
34	MP2C	X	-157.546	4.85
35	MP2C	Z	90.959	4.85
36	MP2C	Mx	.111	4.85
37	MP3A	X	-44.648	2
38	MP3A	Z	25.778	2
39	MP3A	Mx	.022	2
40	MP3A	X	-44.648	4
41	MP3A	Z	25.778	4
42	MP3A	Mx	.022	4
43	MP3B	X	-44.648	2
44	MP3B	Z	25.778	2
45	MP3B	Mx	.022	2
46	MP3B	X	-44.648	4
47	MP3B	Z	25.778	4
48	MP3B	Mx	.022	4
49	MP3C	X	-44.648	2
50	MP3C	Z	25.778	2
51	MP3C	Mx	.022	2
52	MP3C	X	-44.648	4
53	MP3C	Z	25.778	4
54	MP3C	Mx	.022	4
55	MP1A	X	-87.567	.25
56	MP1A	Z	50.557	.25
57	MP1A	Mx	.095	.25
58	MP1A	X	-87.567	5.75
59	MP1A	Z	50.557	5.75
60	MP1A	Mx	.095	5.75
61	MP1B	X	-97.295	.25
62	MP1B	Z	56.174	.25
63	MP1B	Mx	-.093	.25
64	MP1B	X	-97.295	5.75
65	MP1B	Z	56.174	5.75
66	MP1B	Mx	-.093	5.75
67	MP1C	X	-130.485	.25
68	MP1C	Z	75.336	.25
69	MP1C	Mx	-.028	.25
70	MP1C	X	-130.485	5.75
71	MP1C	Z	75.336	5.75
72	MP1C	Mx	-.028	5.75
73	MP2A	X	-9.943	1.27
74	MP2A	Z	5.741	1.27
75	MP2A	Mx	-.004	1.27
76	MP2B	X	-9.943	1.27
77	MP2B	Z	5.741	1.27
78	MP2B	Mx	-.004	1.27
79	MP2C	X	-9.943	1.27

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP2C	Z	5.741	1.27
81	MP2C	Mx	-.004	1.27
82	MP2A	X	-49.104	2.35
83	MP2A	Z	28.35	2.35
84	MP2A	Mx	-.031	2.35
85	MP2B	X	-52.639	2.35
86	MP2B	Z	30.391	2.35
87	MP2B	Mx	.029	2.35
88	MP2C	X	-64.702	2.35
89	MP2C	Z	37.356	2.35
90	MP2C	Mx	.008	2.35
91	MP3A	X	-42.878	2.35
92	MP3A	Z	24.756	2.35
93	MP3A	Mx	-.027	2.35
94	MP3B	X	-47.769	2.35
95	MP3B	Z	27.579	2.35
96	MP3B	Mx	.026	2.35
97	MP3C	X	-64.451	2.35
98	MP3C	Z	37.211	2.35
99	MP3C	Mx	.008	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-120.731	1.15
2	MP2A	Z	0	1.15
3	MP2A	Mx	.091	1.15
4	MP2A	X	-120.731	4.85
5	MP2A	Z	0	4.85
6	MP2A	Mx	.091	4.85
7	MP2B	X	-176.441	1.15
8	MP2B	Z	0	1.15
9	MP2B	Mx	.079	1.15
10	MP2B	X	-176.441	4.85
11	MP2B	Z	0	4.85
12	MP2B	Mx	.079	4.85
13	MP2C	X	-157.754	1.15
14	MP2C	Z	0	1.15
15	MP2C	Mx	-.167	1.15
16	MP2C	X	-157.754	4.85
17	MP2C	Z	0	4.85
18	MP2C	Mx	-.167	4.85
19	MP2A	X	-120.731	1.15
20	MP2A	Z	0	1.15
21	MP2A	Mx	.091	1.15
22	MP2A	X	-120.731	4.85
23	MP2A	Z	0	4.85
24	MP2A	Mx	.091	4.85
25	MP2B	X	-176.441	1.15
26	MP2B	Z	0	1.15
27	MP2B	Mx	-.17	1.15
28	MP2B	X	-176.441	4.85
29	MP2B	Z	0	4.85
30	MP2B	Mx	-.17	4.85
31	MP2C	X	-157.754	1.15
32	MP2C	Z	0	1.15
33	MP2C	Mx	.015	1.15

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP2C	X	-157.754	4.85
35	MP2C	Z	0	4.85
36	MP2C	Mx	.015	4.85
37	MP3A	X	-37.128	2
38	MP3A	Z	0	2
39	MP3A	Mx	.019	2
40	MP3A	X	-37.128	4
41	MP3A	Z	0	4
42	MP3A	Mx	.019	4
43	MP3B	X	-37.128	2
44	MP3B	Z	0	2
45	MP3B	Mx	.019	2
46	MP3B	X	-37.128	4
47	MP3B	Z	0	4
48	MP3B	Mx	.019	4
49	MP3C	X	-37.128	2
50	MP3C	Z	0	2
51	MP3C	Mx	.019	2
52	MP3C	X	-37.128	4
53	MP3C	Z	0	4
54	MP3C	Mx	.019	4
55	MP1A	X	-83.902	.25
56	MP1A	Z	0	.25
57	MP1A	Mx	.091	.25
58	MP1A	X	-83.902	5.75
59	MP1A	Z	0	5.75
60	MP1A	Mx	.091	5.75
61	MP1B	X	-144.694	.25
62	MP1B	Z	0	.25
63	MP1B	Mx	-.054	.25
64	MP1B	X	-144.694	5.75
65	MP1B	Z	0	5.75
66	MP1B	Mx	-.054	5.75
67	MP1C	X	-124.302	.25
68	MP1C	Z	0	.25
69	MP1C	Mx	-.087	.25
70	MP1C	X	-124.302	5.75
71	MP1C	Z	0	5.75
72	MP1C	Mx	-.087	5.75
73	MP2A	X	-10.331	1.27
74	MP2A	Z	0	1.27
75	MP2A	Mx	-.004	1.27
76	MP2B	X	-10.331	1.27
77	MP2B	Z	0	1.27
78	MP2B	Mx	-.004	1.27
79	MP2C	X	-10.331	1.27
80	MP2C	Z	0	1.27
81	MP2C	Mx	-.004	1.27
82	MP2A	X	-50.445	2.35
83	MP2A	Z	0	2.35
84	MP2A	Mx	-.032	2.35
85	MP2B	X	-72.539	2.35
86	MP2B	Z	0	2.35
87	MP2B	Mx	.016	2.35
88	MP2C	X	-65.128	2.35
89	MP2C	Z	0	2.35
90	MP2C	Mx	.026	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP3A	X	-40.86	2.35
92	MP3A	Z	0	2.35
93	MP3A	Mx	-.026	2.35
94	MP3B	X	-71.418	2.35
95	MP3B	Z	0	2.35
96	MP3B	Mx	.015	2.35
97	MP3C	X	-61.168	2.35
98	MP3C	Z	0	2.35
99	MP3C	Mx	.025	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-118.216	1.15
2	MP2A	Z	-68.252	1.15
3	MP2A	Mx	.037	1.15
4	MP2A	X	-118.216	4.85
5	MP2A	Z	-68.252	4.85
6	MP2A	Mx	.037	4.85
7	MP2B	X	-157.546	1.15
8	MP2B	Z	-90.959	1.15
9	MP2B	Mx	.158	1.15
10	MP2B	X	-157.546	4.85
11	MP2B	Z	-90.959	4.85
12	MP2B	Mx	.158	4.85
13	MP2C	X	-110.948	1.15
14	MP2C	Z	-64.056	1.15
15	MP2C	Mx	-.123	1.15
16	MP2C	X	-110.948	4.85
17	MP2C	Z	-64.056	4.85
18	MP2C	Mx	-.123	4.85
19	MP2A	X	-118.216	1.15
20	MP2A	Z	-68.252	1.15
21	MP2A	Mx	.14	1.15
22	MP2A	X	-118.216	4.85
23	MP2A	Z	-68.252	4.85
24	MP2A	Mx	.14	4.85
25	MP2B	X	-157.546	1.15
26	MP2B	Z	-90.959	1.15
27	MP2B	Mx	-.111	1.15
28	MP2B	X	-157.546	4.85
29	MP2B	Z	-90.959	4.85
30	MP2B	Mx	-.111	4.85
31	MP2C	X	-110.948	1.15
32	MP2C	Z	-64.056	1.15
33	MP2C	Mx	-.057	1.15
34	MP2C	X	-110.948	4.85
35	MP2C	Z	-64.056	4.85
36	MP2C	Mx	-.057	4.85
37	MP3A	X	-44.648	2
38	MP3A	Z	-25.778	2
39	MP3A	Mx	.022	2
40	MP3A	X	-44.648	4
41	MP3A	Z	-25.778	4
42	MP3A	Mx	.022	4
43	MP3B	X	-44.648	2
44	MP3B	Z	-25.778	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3B	Mx	.022	2
46	MP3B	X	-44.648	4
47	MP3B	Z	-25.778	4
48	MP3B	Mx	.022	4
49	MP3C	X	-44.648	2
50	MP3C	Z	-25.778	2
51	MP3C	Mx	.022	2
52	MP3C	X	-44.648	4
53	MP3C	Z	-25.778	4
54	MP3C	Mx	.022	4
55	MP1A	X	-87.567	.25
56	MP1A	Z	-50.557	.25
57	MP1A	Mx	.095	.25
58	MP1A	X	-87.567	5.75
59	MP1A	Z	-50.557	5.75
60	MP1A	Mx	.095	5.75
61	MP1B	X	-130.485	.25
62	MP1B	Z	-75.336	.25
63	MP1B	Mx	.028	.25
64	MP1B	X	-130.485	5.75
65	MP1B	Z	-75.336	5.75
66	MP1B	Mx	.028	5.75
67	MP1C	X	-79.636	.25
68	MP1C	Z	-45.978	.25
69	MP1C	Mx	-.094	.25
70	MP1C	X	-79.636	5.75
71	MP1C	Z	-45.978	5.75
72	MP1C	Mx	-.094	5.75
73	MP2A	X	-9.943	1.27
74	MP2A	Z	-5.741	1.27
75	MP2A	Mx	-.004	1.27
76	MP2B	X	-9.943	1.27
77	MP2B	Z	-5.741	1.27
78	MP2B	Mx	-.004	1.27
79	MP2C	X	-9.943	1.27
80	MP2C	Z	-5.741	1.27
81	MP2C	Mx	-.004	1.27
82	MP2A	X	-49.104	2.35
83	MP2A	Z	-28.35	2.35
84	MP2A	Mx	-.031	2.35
85	MP2B	X	-64.702	2.35
86	MP2B	Z	-37.356	2.35
87	MP2B	Mx	-.008	2.35
88	MP2C	X	-46.221	2.35
89	MP2C	Z	-26.686	2.35
90	MP2C	Mx	.031	2.35
91	MP3A	X	-42.878	2.35
92	MP3A	Z	-24.756	2.35
93	MP3A	Mx	-.027	2.35
94	MP3B	X	-64.451	2.35
95	MP3B	Z	-37.211	2.35
96	MP3B	Mx	-.008	2.35
97	MP3C	X	-38.892	2.35
98	MP3C	Z	-22.454	2.35
99	MP3C	Mx	.026	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-84.024	1.15
2	MP2A	Z	-145.534	1.15
3	MP2A	Mx	-.046	1.15
4	MP2A	X	-84.024	4.85
5	MP2A	Z	-145.534	4.85
6	MP2A	Mx	-.046	4.85
7	MP2B	X	-78.877	1.15
8	MP2B	Z	-136.619	1.15
9	MP2B	Mx	.167	1.15
10	MP2B	X	-78.877	4.85
11	MP2B	Z	-136.619	4.85
12	MP2B	Mx	.167	4.85
13	MP2C	X	-61.317	1.15
14	MP2C	Z	-106.204	1.15
15	MP2C	Mx	-.075	1.15
16	MP2C	X	-61.317	4.85
17	MP2C	Z	-106.204	4.85
18	MP2C	Mx	-.075	4.85
19	MP2A	X	-84.024	1.15
20	MP2A	Z	-145.534	1.15
21	MP2A	Mx	.172	1.15
22	MP2A	X	-84.024	4.85
23	MP2A	Z	-145.534	4.85
24	MP2A	Mx	.172	4.85
25	MP2B	X	-78.877	1.15
26	MP2B	Z	-136.619	1.15
27	MP2B	Mx	-.015	1.15
28	MP2B	X	-78.877	4.85
29	MP2B	Z	-136.619	4.85
30	MP2B	Mx	-.015	4.85
31	MP2C	X	-61.317	1.15
32	MP2C	Z	-106.204	1.15
33	MP2C	Mx	-.107	1.15
34	MP2C	X	-61.317	4.85
35	MP2C	Z	-106.204	4.85
36	MP2C	Mx	-.107	4.85
37	MP3A	X	-40.205	2
38	MP3A	Z	-69.637	2
39	MP3A	Mx	.02	2
40	MP3A	X	-40.205	4
41	MP3A	Z	-69.637	4
42	MP3A	Mx	.02	4
43	MP3B	X	-40.205	2
44	MP3B	Z	-69.637	2
45	MP3B	Mx	.02	2
46	MP3B	X	-40.205	4
47	MP3B	Z	-69.637	4
48	MP3B	Mx	.02	4
49	MP3C	X	-40.205	2
50	MP3C	Z	-69.637	2
51	MP3C	Mx	.02	2
52	MP3C	X	-40.205	4
53	MP3C	Z	-69.637	4
54	MP3C	Mx	.02	4
55	MP1A	X	-67.768	.25
56	MP1A	Z	-117.377	.25
57	MP1A	Mx	.073	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-67.768	5.75
59	MP1A	Z	-117.377	5.75
60	MP1A	Mx	.073	5.75
61	MP1B	X	-62.151	.25
62	MP1B	Z	-107.649	.25
63	MP1B	Mx	.087	.25
64	MP1B	X	-62.151	5.75
65	MP1B	Z	-107.649	5.75
66	MP1B	Mx	.087	5.75
67	MP1C	X	-42.989	.25
68	MP1C	Z	-74.459	.25
69	MP1C	Mx	-.092	.25
70	MP1C	X	-42.989	5.75
71	MP1C	Z	-74.459	5.75
72	MP1C	Mx	-.092	5.75
73	MP2A	X	-6.891	1.27
74	MP2A	Z	-11.935	1.27
75	MP2A	Mx	-.003	1.27
76	MP2B	X	-6.891	1.27
77	MP2B	Z	-11.935	1.27
78	MP2B	Mx	-.003	1.27
79	MP2C	X	-6.891	1.27
80	MP2C	Z	-11.935	1.27
81	MP2C	Mx	-.003	1.27
82	MP2A	X	-34.605	2.35
83	MP2A	Z	-59.938	2.35
84	MP2A	Mx	-.022	2.35
85	MP2B	X	-32.564	2.35
86	MP2B	Z	-56.402	2.35
87	MP2B	Mx	-.026	2.35
88	MP2C	X	-25.6	2.35
89	MP2C	Z	-44.34	2.35
90	MP2C	Mx	.032	2.35
91	MP3A	X	-33.407	2.35
92	MP3A	Z	-57.863	2.35
93	MP3A	Mx	-.021	2.35
94	MP3B	X	-30.584	2.35
95	MP3B	Z	-52.973	2.35
96	MP3B	Mx	-.025	2.35
97	MP3C	X	-20.952	2.35
98	MP3C	Z	-36.29	2.35
99	MP3C	Mx	.026	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.15
2	MP2A	Z	-34.292	1.15
3	MP2A	Mx	-.026	1.15
4	MP2A	X	0	4.85
5	MP2A	Z	-34.292	4.85
6	MP2A	Mx	-.026	4.85
7	MP2B	X	0	1.15
8	MP2B	Z	-24.642	1.15
9	MP2B	Mx	.024	1.15
10	MP2B	X	0	4.85
11	MP2B	Z	-24.642	4.85

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	.024	4.85
13	MP2C	X	0	1.15
14	MP2C	Z	-27.879	1.15
15	MP2C	Mx	-.003	1.15
16	MP2C	X	0	4.85
17	MP2C	Z	-27.879	4.85
18	MP2C	Mx	-.003	4.85
19	MP2A	X	0	1.15
20	MP2A	Z	-34.292	1.15
21	MP2A	Mx	.026	1.15
22	MP2A	X	0	4.85
23	MP2A	Z	-34.292	4.85
24	MP2A	Mx	.026	4.85
25	MP2B	X	0	1.15
26	MP2B	Z	-24.642	1.15
27	MP2B	Mx	.011	1.15
28	MP2B	X	0	4.85
29	MP2B	Z	-24.642	4.85
30	MP2B	Mx	.011	4.85
31	MP2C	X	0	1.15
32	MP2C	Z	-27.879	1.15
33	MP2C	Mx	-.029	1.15
34	MP2C	X	0	4.85
35	MP2C	Z	-27.879	4.85
36	MP2C	Mx	-.029	4.85
37	MP3A	X	0	2
38	MP3A	Z	-18.222	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	-18.222	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	-18.222	2
45	MP3B	Mx	0	2
46	MP3B	X	0	4
47	MP3B	Z	-18.222	4
48	MP3B	Mx	0	4
49	MP3C	X	0	2
50	MP3C	Z	-18.222	2
51	MP3C	Mx	0	2
52	MP3C	X	0	4
53	MP3C	Z	-18.222	4
54	MP3C	Mx	0	4
55	MP1A	X	0	.25
56	MP1A	Z	-28.78	.25
57	MP1A	Mx	0	.25
58	MP1A	X	0	5.75
59	MP1A	Z	-28.78	5.75
60	MP1A	Mx	0	5.75
61	MP1B	X	0	.25
62	MP1B	Z	-18.222	.25
63	MP1B	Mx	.019	.25
64	MP1B	X	0	5.75
65	MP1B	Z	-18.222	5.75
66	MP1B	Mx	.019	5.75
67	MP1C	X	0	.25
68	MP1C	Z	-21.763	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP1C	Mx	-.018	.25
70	MP1C	X	0	5.75
71	MP1C	Z	-21.763	5.75
72	MP1C	Mx	-.018	5.75
73	MP2A	X	0	1.27
74	MP2A	Z	-3.697	1.27
75	MP2A	Mx	0	1.27
76	MP2B	X	0	1.27
77	MP2B	Z	-3.697	1.27
78	MP2B	Mx	0	1.27
79	MP2C	X	0	1.27
80	MP2C	Z	-3.697	1.27
81	MP2C	Mx	0	1.27
82	MP2A	X	0	2.35
83	MP2A	Z	-15.33	2.35
84	MP2A	Mx	0	2.35
85	MP2B	X	0	2.35
86	MP2B	Z	-11.197	2.35
87	MP2B	Mx	-.007	2.35
88	MP2C	X	0	2.35
89	MP2C	Z	-12.583	2.35
90	MP2C	Mx	.006	2.35
91	MP3A	X	0	2.35
92	MP3A	Z	-15.33	2.35
93	MP3A	Mx	0	2.35
94	MP3B	X	0	2.35
95	MP3B	Z	-9.626	2.35
96	MP3B	Mx	-.006	2.35
97	MP3C	X	0	2.35
98	MP3C	Z	-11.539	2.35
99	MP3C	Mx	.006	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	15.78	1.15
2	MP2A	Z	-27.332	1.15
3	MP2A	Mx	-.032	1.15
4	MP2A	X	15.78	4.85
5	MP2A	Z	-27.332	4.85
6	MP2A	Mx	-.032	4.85
7	MP2B	X	11.847	1.15
8	MP2B	Z	-20.519	1.15
9	MP2B	Mx	.014	1.15
10	MP2B	X	11.847	4.85
11	MP2B	Z	-20.519	4.85
12	MP2B	Mx	.014	4.85
13	MP2C	X	16.507	1.15
14	MP2C	Z	-28.591	1.15
15	MP2C	Mx	.015	1.15
16	MP2C	X	16.507	4.85
17	MP2C	Z	-28.591	4.85
18	MP2C	Mx	.015	4.85
19	MP2A	X	15.78	1.15
20	MP2A	Z	-27.332	1.15
21	MP2A	Mx	.009	1.15
22	MP2A	X	15.78	4.85

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	-27.332	4.85
24	MP2A	Mx	.009	4.85
25	MP2B	X	11.847	1.15
26	MP2B	Z	-20.519	1.15
27	MP2B	Mx	.021	1.15
28	MP2B	X	11.847	4.85
29	MP2B	Z	-20.519	4.85
30	MP2B	Mx	.021	4.85
31	MP2C	X	16.507	1.15
32	MP2C	Z	-28.591	1.15
33	MP2C	Mx	-.032	1.15
34	MP2C	X	16.507	4.85
35	MP2C	Z	-28.591	4.85
36	MP2C	Mx	-.032	4.85
37	MP3A	X	7.801	2
38	MP3A	Z	-13.512	2
39	MP3A	Mx	-.004	2
40	MP3A	X	7.801	4
41	MP3A	Z	-13.512	4
42	MP3A	Mx	-.004	4
43	MP3B	X	7.801	2
44	MP3B	Z	-13.512	2
45	MP3B	Mx	-.004	2
46	MP3B	X	7.801	4
47	MP3B	Z	-13.512	4
48	MP3B	Mx	-.004	4
49	MP3C	X	7.801	2
50	MP3C	Z	-13.512	2
51	MP3C	Mx	-.004	2
52	MP3C	X	7.801	4
53	MP3C	Z	-13.512	4
54	MP3C	Mx	-.004	4
55	MP1A	X	12.895	.25
56	MP1A	Z	-22.335	.25
57	MP1A	Mx	-.014	.25
58	MP1A	X	12.895	5.75
59	MP1A	Z	-22.335	5.75
60	MP1A	Mx	-.014	5.75
61	MP1B	X	8.592	.25
62	MP1B	Z	-14.882	.25
63	MP1B	Mx	.018	.25
64	MP1B	X	8.592	5.75
65	MP1B	Z	-14.882	5.75
66	MP1B	Mx	.018	5.75
67	MP1C	X	13.691	.25
68	MP1C	Z	-23.713	.25
69	MP1C	Mx	-.01	.25
70	MP1C	X	13.691	5.75
71	MP1C	Z	-23.713	5.75
72	MP1C	Mx	-.01	5.75
73	MP2A	X	1.732	1.27
74	MP2A	Z	-3	1.27
75	MP2A	Mx	.000722	1.27
76	MP2B	X	1.732	1.27
77	MP2B	Z	-3	1.27
78	MP2B	Mx	.000722	1.27
79	MP2C	X	1.732	1.27

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP2C	Z	-3	1.27
81	MP2C	Mx	.000722	1.27
82	MP2A	X	7.08	2.35
83	MP2A	Z	-12.263	2.35
84	MP2A	Mx	.004	2.35
85	MP2B	X	5.395	2.35
86	MP2B	Z	-9.345	2.35
87	MP2B	Mx	-.007	2.35
88	MP2C	X	7.391	2.35
89	MP2C	Z	-12.802	2.35
90	MP2C	Mx	.003	2.35
91	MP3A	X	6.857	2.35
92	MP3A	Z	-11.877	2.35
93	MP3A	Mx	.004	2.35
94	MP3B	X	4.533	2.35
95	MP3B	Z	-7.851	2.35
96	MP3B	Mx	-.006	2.35
97	MP3C	X	7.287	2.35
98	MP3C	Z	-12.622	2.35
99	MP3C	Mx	.003	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	22.6	1.15
2	MP2A	Z	-13.048	1.15
3	MP2A	Mx	-.027	1.15
4	MP2A	X	22.6	4.85
5	MP2A	Z	-13.048	4.85
6	MP2A	Mx	-.027	4.85
7	MP2B	X	24.144	1.15
8	MP2B	Z	-13.94	1.15
9	MP2B	Mx	.003	1.15
10	MP2B	X	24.144	4.85
11	MP2B	Z	-13.94	4.85
12	MP2B	Mx	.003	4.85
13	MP2C	X	29.412	1.15
14	MP2C	Z	-16.981	1.15
15	MP2C	Mx	.03	1.15
16	MP2C	X	29.412	4.85
17	MP2C	Z	-16.981	4.85
18	MP2C	Mx	.03	4.85
19	MP2A	X	22.6	1.15
20	MP2A	Z	-13.048	1.15
21	MP2A	Mx	-.007	1.15
22	MP2A	X	22.6	4.85
23	MP2A	Z	-13.048	4.85
24	MP2A	Mx	-.007	4.85
25	MP2B	X	24.144	1.15
26	MP2B	Z	-13.94	1.15
27	MP2B	Mx	.029	1.15
28	MP2B	X	24.144	4.85
29	MP2B	Z	-13.94	4.85
30	MP2B	Mx	.029	4.85
31	MP2C	X	29.412	1.15
32	MP2C	Z	-16.981	1.15
33	MP2C	Mx	-.021	1.15

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP2C	X	29.412	4.85
35	MP2C	Z	-16.981	4.85
36	MP2C	Mx	-.021	4.85
37	MP3A	X	8.973	2
38	MP3A	Z	-5.18	2
39	MP3A	Mx	-.004	2
40	MP3A	X	8.973	4
41	MP3A	Z	-5.18	4
42	MP3A	Mx	-.004	4
43	MP3B	X	8.973	2
44	MP3B	Z	-5.18	2
45	MP3B	Mx	-.004	2
46	MP3B	X	8.973	4
47	MP3B	Z	-5.18	4
48	MP3B	Mx	-.004	4
49	MP3C	X	8.973	2
50	MP3C	Z	-5.18	2
51	MP3C	Mx	-.004	2
52	MP3C	X	8.973	4
53	MP3C	Z	-5.18	4
54	MP3C	Mx	-.004	4
55	MP1A	X	17.158	.25
56	MP1A	Z	-9.906	.25
57	MP1A	Mx	-.019	.25
58	MP1A	X	17.158	5.75
59	MP1A	Z	-9.906	5.75
60	MP1A	Mx	-.019	5.75
61	MP1B	X	18.848	.25
62	MP1B	Z	-10.882	.25
63	MP1B	Mx	.018	.25
64	MP1B	X	18.848	5.75
65	MP1B	Z	-10.882	5.75
66	MP1B	Mx	.018	5.75
67	MP1C	X	24.612	.25
68	MP1C	Z	-14.21	.25
69	MP1C	Mx	.005	.25
70	MP1C	X	24.612	5.75
71	MP1C	Z	-14.21	5.75
72	MP1C	Mx	.005	5.75
73	MP2A	X	2.598	1.27
74	MP2A	Z	-1.5	1.27
75	MP2A	Mx	.001	1.27
76	MP2B	X	2.598	1.27
77	MP2B	Z	-1.5	1.27
78	MP2B	Mx	.001	1.27
79	MP2C	X	2.598	1.27
80	MP2C	Z	-1.5	1.27
81	MP2C	Mx	.001	1.27
82	MP2A	X	10.236	2.35
83	MP2A	Z	-5.91	2.35
84	MP2A	Mx	.006	2.35
85	MP2B	X	10.897	2.35
86	MP2B	Z	-6.292	2.35
87	MP2B	Mx	-.006	2.35
88	MP2C	X	13.154	2.35
89	MP2C	Z	-7.594	2.35
90	MP2C	Mx	-.002	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP3A	X	9.081	2.35
92	MP3A	Z	-5.243	2.35
93	MP3A	Mx	.006	2.35
94	MP3B	X	9.993	2.35
95	MP3B	Z	-5.77	2.35
96	MP3B	Mx	-.006	2.35
97	MP3C	X	13.107	2.35
98	MP3C	Z	-7.567	2.35
99	MP3C	Mx	-.002	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	23.364	1.15
2	MP2A	Z	0	1.15
3	MP2A	Mx	-.018	1.15
4	MP2A	X	23.364	4.85
5	MP2A	Z	0	4.85
6	MP2A	Mx	-.018	4.85
7	MP2B	X	33.014	1.15
8	MP2B	Z	0	1.15
9	MP2B	Mx	-.015	1.15
10	MP2B	X	33.014	4.85
11	MP2B	Z	0	4.85
12	MP2B	Mx	-.015	4.85
13	MP2C	X	29.777	1.15
14	MP2C	Z	0	1.15
15	MP2C	Mx	.031	1.15
16	MP2C	X	29.777	4.85
17	MP2C	Z	0	4.85
18	MP2C	Mx	.031	4.85
19	MP2A	X	23.364	1.15
20	MP2A	Z	0	1.15
21	MP2A	Mx	-.018	1.15
22	MP2A	X	23.364	4.85
23	MP2A	Z	0	4.85
24	MP2A	Mx	-.018	4.85
25	MP2B	X	33.014	1.15
26	MP2B	Z	0	1.15
27	MP2B	Mx	.032	1.15
28	MP2B	X	33.014	4.85
29	MP2B	Z	0	4.85
30	MP2B	Mx	.032	4.85
31	MP2C	X	29.777	1.15
32	MP2C	Z	0	1.15
33	MP2C	Mx	-.003	1.15
34	MP2C	X	29.777	4.85
35	MP2C	Z	0	4.85
36	MP2C	Mx	-.003	4.85
37	MP3A	X	7.74	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.004	2
40	MP3A	X	7.74	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.004	4
43	MP3B	X	7.74	2
44	MP3B	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3B	Mx	-.004	2
46	MP3B	X	7.74	4
47	MP3B	Z	0	4
48	MP3B	Mx	-.004	4
49	MP3C	X	7.74	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.004	2
52	MP3C	X	7.74	4
53	MP3C	Z	0	4
54	MP3C	Mx	-.004	4
55	MP1A	X	16.823	.25
56	MP1A	Z	0	.25
57	MP1A	Mx	-.018	.25
58	MP1A	X	16.823	5.75
59	MP1A	Z	0	5.75
60	MP1A	Mx	-.018	5.75
61	MP1B	X	27.381	.25
62	MP1B	Z	0	.25
63	MP1B	Mx	.01	.25
64	MP1B	X	27.381	5.75
65	MP1B	Z	0	5.75
66	MP1B	Mx	.01	5.75
67	MP1C	X	23.84	.25
68	MP1C	Z	0	.25
69	MP1C	Mx	.017	.25
70	MP1C	X	23.84	5.75
71	MP1C	Z	0	5.75
72	MP1C	Mx	.017	5.75
73	MP2A	X	2.768	1.27
74	MP2A	Z	0	1.27
75	MP2A	Mx	.001	1.27
76	MP2B	X	2.768	1.27
77	MP2B	Z	0	1.27
78	MP2B	Mx	.001	1.27
79	MP2C	X	2.768	1.27
80	MP2C	Z	0	1.27
81	MP2C	Mx	.001	1.27
82	MP2A	X	10.649	2.35
83	MP2A	Z	0	2.35
84	MP2A	Mx	.007	2.35
85	MP2B	X	14.782	2.35
86	MP2B	Z	0	2.35
87	MP2B	Mx	-.003	2.35
88	MP2C	X	13.396	2.35
89	MP2C	Z	0	2.35
90	MP2C	Mx	-.005	2.35
91	MP3A	X	8.871	2.35
92	MP3A	Z	0	2.35
93	MP3A	Mx	.006	2.35
94	MP3B	X	14.574	2.35
95	MP3B	Z	0	2.35
96	MP3B	Mx	-.003	2.35
97	MP3C	X	12.661	2.35
98	MP3C	Z	0	2.35
99	MP3C	Mx	-.005	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	22.6	1.15
2	MP2A	Z	13.048	1.15
3	MP2A	Mx	-.007	1.15
4	MP2A	X	22.6	4.85
5	MP2A	Z	13.048	4.85
6	MP2A	Mx	-.007	4.85
7	MP2B	X	29.412	1.15
8	MP2B	Z	16.981	1.15
9	MP2B	Mx	-.03	1.15
10	MP2B	X	29.412	4.85
11	MP2B	Z	16.981	4.85
12	MP2B	Mx	-.03	4.85
13	MP2C	X	21.341	1.15
14	MP2C	Z	12.321	1.15
15	MP2C	Mx	.024	1.15
16	MP2C	X	21.341	4.85
17	MP2C	Z	12.321	4.85
18	MP2C	Mx	.024	4.85
19	MP2A	X	22.6	1.15
20	MP2A	Z	13.048	1.15
21	MP2A	Mx	-.027	1.15
22	MP2A	X	22.6	4.85
23	MP2A	Z	13.048	4.85
24	MP2A	Mx	-.027	4.85
25	MP2B	X	29.412	1.15
26	MP2B	Z	16.981	1.15
27	MP2B	Mx	.021	1.15
28	MP2B	X	29.412	4.85
29	MP2B	Z	16.981	4.85
30	MP2B	Mx	.021	4.85
31	MP2C	X	21.341	1.15
32	MP2C	Z	12.321	1.15
33	MP2C	Mx	.011	1.15
34	MP2C	X	21.341	4.85
35	MP2C	Z	12.321	4.85
36	MP2C	Mx	.011	4.85
37	MP3A	X	8.973	2
38	MP3A	Z	5.18	2
39	MP3A	Mx	-.004	2
40	MP3A	X	8.973	4
41	MP3A	Z	5.18	4
42	MP3A	Mx	-.004	4
43	MP3B	X	8.973	2
44	MP3B	Z	5.18	2
45	MP3B	Mx	-.004	2
46	MP3B	X	8.973	4
47	MP3B	Z	5.18	4
48	MP3B	Mx	-.004	4
49	MP3C	X	8.973	2
50	MP3C	Z	5.18	2
51	MP3C	Mx	-.004	2
52	MP3C	X	8.973	4
53	MP3C	Z	5.18	4
54	MP3C	Mx	-.004	4
55	MP1A	X	17.158	.25
56	MP1A	Z	9.906	.25
57	MP1A	Mx	-.019	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	17.158	5.75
59	MP1A	Z	9.906	5.75
60	MP1A	Mx	-.019	5.75
61	MP1B	X	24.612	.25
62	MP1B	Z	14.21	.25
63	MP1B	Mx	-.005	.25
64	MP1B	X	24.612	5.75
65	MP1B	Z	14.21	5.75
66	MP1B	Mx	-.005	5.75
67	MP1C	X	15.781	.25
68	MP1C	Z	9.111	.25
69	MP1C	Mx	.019	.25
70	MP1C	X	15.781	5.75
71	MP1C	Z	9.111	5.75
72	MP1C	Mx	.019	5.75
73	MP2A	X	2.598	1.27
74	MP2A	Z	1.5	1.27
75	MP2A	Mx	.001	1.27
76	MP2B	X	2.598	1.27
77	MP2B	Z	1.5	1.27
78	MP2B	Mx	.001	1.27
79	MP2C	X	2.598	1.27
80	MP2C	Z	1.5	1.27
81	MP2C	Mx	.001	1.27
82	MP2A	X	10.236	2.35
83	MP2A	Z	5.91	2.35
84	MP2A	Mx	.006	2.35
85	MP2B	X	13.154	2.35
86	MP2B	Z	7.594	2.35
87	MP2B	Mx	.002	2.35
88	MP2C	X	9.697	2.35
89	MP2C	Z	5.598	2.35
90	MP2C	Mx	-.007	2.35
91	MP3A	X	9.081	2.35
92	MP3A	Z	5.243	2.35
93	MP3A	Mx	.006	2.35
94	MP3B	X	13.107	2.35
95	MP3B	Z	7.567	2.35
96	MP3B	Mx	.002	2.35
97	MP3C	X	8.336	2.35
98	MP3C	Z	4.813	2.35
99	MP3C	Mx	-.006	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	15.78	1.15
2	MP2A	Z	27.332	1.15
3	MP2A	Mx	.009	1.15
4	MP2A	X	15.78	4.85
5	MP2A	Z	27.332	4.85
6	MP2A	Mx	.009	4.85
7	MP2B	X	14.888	1.15
8	MP2B	Z	25.787	1.15
9	MP2B	Mx	-.031	1.15
10	MP2B	X	14.888	4.85
11	MP2B	Z	25.787	4.85

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	-.031	4.85
13	MP2C	X	11.847	1.15
14	MP2C	Z	20.519	1.15
15	MP2C	Mx	.014	1.15
16	MP2C	X	11.847	4.85
17	MP2C	Z	20.519	4.85
18	MP2C	Mx	.014	4.85
19	MP2A	X	15.78	1.15
20	MP2A	Z	27.332	1.15
21	MP2A	Mx	-.032	1.15
22	MP2A	X	15.78	4.85
23	MP2A	Z	27.332	4.85
24	MP2A	Mx	-.032	4.85
25	MP2B	X	14.888	1.15
26	MP2B	Z	25.787	1.15
27	MP2B	Mx	.003	1.15
28	MP2B	X	14.888	4.85
29	MP2B	Z	25.787	4.85
30	MP2B	Mx	.003	4.85
31	MP2C	X	11.847	1.15
32	MP2C	Z	20.519	1.15
33	MP2C	Mx	.021	1.15
34	MP2C	X	11.847	4.85
35	MP2C	Z	20.519	4.85
36	MP2C	Mx	.021	4.85
37	MP3A	X	7.801	2
38	MP3A	Z	13.512	2
39	MP3A	Mx	-.004	2
40	MP3A	X	7.801	4
41	MP3A	Z	13.512	4
42	MP3A	Mx	-.004	4
43	MP3B	X	7.801	2
44	MP3B	Z	13.512	2
45	MP3B	Mx	-.004	2
46	MP3B	X	7.801	4
47	MP3B	Z	13.512	4
48	MP3B	Mx	-.004	4
49	MP3C	X	7.801	2
50	MP3C	Z	13.512	2
51	MP3C	Mx	-.004	2
52	MP3C	X	7.801	4
53	MP3C	Z	13.512	4
54	MP3C	Mx	-.004	4
55	MP1A	X	12.895	.25
56	MP1A	Z	22.335	.25
57	MP1A	Mx	-.014	.25
58	MP1A	X	12.895	5.75
59	MP1A	Z	22.335	5.75
60	MP1A	Mx	-.014	5.75
61	MP1B	X	11.92	.25
62	MP1B	Z	20.646	.25
63	MP1B	Mx	-.017	.25
64	MP1B	X	11.92	5.75
65	MP1B	Z	20.646	5.75
66	MP1B	Mx	-.017	5.75
67	MP1C	X	8.592	.25
68	MP1C	Z	14.882	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP1C	Mx	.018	.25
70	MP1C	X	8.592	5.75
71	MP1C	Z	14.882	5.75
72	MP1C	Mx	.018	5.75
73	MP2A	X	1.732	1.27
74	MP2A	Z	3	1.27
75	MP2A	Mx	.000722	1.27
76	MP2B	X	1.732	1.27
77	MP2B	Z	3	1.27
78	MP2B	Mx	.000722	1.27
79	MP2C	X	1.732	1.27
80	MP2C	Z	3	1.27
81	MP2C	Mx	.000722	1.27
82	MP2A	X	7.08	2.35
83	MP2A	Z	12.263	2.35
84	MP2A	Mx	.004	2.35
85	MP2B	X	6.698	2.35
86	MP2B	Z	11.601	2.35
87	MP2B	Mx	.005	2.35
88	MP2C	X	5.395	2.35
89	MP2C	Z	9.345	2.35
90	MP2C	Mx	-.007	2.35
91	MP3A	X	6.857	2.35
92	MP3A	Z	11.877	2.35
93	MP3A	Mx	.004	2.35
94	MP3B	X	6.33	2.35
95	MP3B	Z	10.965	2.35
96	MP3B	Mx	.005	2.35
97	MP3C	X	4.533	2.35
98	MP3C	Z	7.851	2.35
99	MP3C	Mx	-.006	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.15
2	MP2A	Z	34.292	1.15
3	MP2A	Mx	.026	1.15
4	MP2A	X	0	4.85
5	MP2A	Z	34.292	4.85
6	MP2A	Mx	.026	4.85
7	MP2B	X	0	1.15
8	MP2B	Z	24.642	1.15
9	MP2B	Mx	-.024	1.15
10	MP2B	X	0	4.85
11	MP2B	Z	24.642	4.85
12	MP2B	Mx	-.024	4.85
13	MP2C	X	0	1.15
14	MP2C	Z	27.879	1.15
15	MP2C	Mx	.003	1.15
16	MP2C	X	0	4.85
17	MP2C	Z	27.879	4.85
18	MP2C	Mx	.003	4.85
19	MP2A	X	0	1.15
20	MP2A	Z	34.292	1.15
21	MP2A	Mx	-.026	1.15
22	MP2A	X	0	4.85

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	34.292	4.85
24	MP2A	Mx	-.026	4.85
25	MP2B	X	0	1.15
26	MP2B	Z	24.642	1.15
27	MP2B	Mx	-.011	1.15
28	MP2B	X	0	4.85
29	MP2B	Z	24.642	4.85
30	MP2B	Mx	-.011	4.85
31	MP2C	X	0	1.15
32	MP2C	Z	27.879	1.15
33	MP2C	Mx	.029	1.15
34	MP2C	X	0	4.85
35	MP2C	Z	27.879	4.85
36	MP2C	Mx	.029	4.85
37	MP3A	X	0	2
38	MP3A	Z	18.222	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	18.222	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	18.222	2
45	MP3B	Mx	0	2
46	MP3B	X	0	4
47	MP3B	Z	18.222	4
48	MP3B	Mx	0	4
49	MP3C	X	0	2
50	MP3C	Z	18.222	2
51	MP3C	Mx	0	2
52	MP3C	X	0	4
53	MP3C	Z	18.222	4
54	MP3C	Mx	0	4
55	MP1A	X	0	.25
56	MP1A	Z	28.78	.25
57	MP1A	Mx	0	.25
58	MP1A	X	0	5.75
59	MP1A	Z	28.78	5.75
60	MP1A	Mx	0	5.75
61	MP1B	X	0	.25
62	MP1B	Z	18.222	.25
63	MP1B	Mx	-.019	.25
64	MP1B	X	0	5.75
65	MP1B	Z	18.222	5.75
66	MP1B	Mx	-.019	5.75
67	MP1C	X	0	.25
68	MP1C	Z	21.763	.25
69	MP1C	Mx	.018	.25
70	MP1C	X	0	5.75
71	MP1C	Z	21.763	5.75
72	MP1C	Mx	.018	5.75
73	MP2A	X	0	1.27
74	MP2A	Z	3.697	1.27
75	MP2A	Mx	0	1.27
76	MP2B	X	0	1.27
77	MP2B	Z	3.697	1.27
78	MP2B	Mx	0	1.27
79	MP2C	X	0	1.27

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP2C	Z	3.697	1.27
81	MP2C	Mx	0	1.27
82	MP2A	X	0	2.35
83	MP2A	Z	15.33	2.35
84	MP2A	Mx	0	2.35
85	MP2B	X	0	2.35
86	MP2B	Z	11.197	2.35
87	MP2B	Mx	.007	2.35
88	MP2C	X	0	2.35
89	MP2C	Z	12.583	2.35
90	MP2C	Mx	-.006	2.35
91	MP3A	X	0	2.35
92	MP3A	Z	15.33	2.35
93	MP3A	Mx	0	2.35
94	MP3B	X	0	2.35
95	MP3B	Z	9.626	2.35
96	MP3B	Mx	.006	2.35
97	MP3C	X	0	2.35
98	MP3C	Z	11.539	2.35
99	MP3C	Mx	-.006	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-15.78	1.15
2	MP2A	Z	27.332	1.15
3	MP2A	Mx	.032	1.15
4	MP2A	X	-15.78	4.85
5	MP2A	Z	27.332	4.85
6	MP2A	Mx	.032	4.85
7	MP2B	X	-11.847	1.15
8	MP2B	Z	20.519	1.15
9	MP2B	Mx	-.014	1.15
10	MP2B	X	-11.847	4.85
11	MP2B	Z	20.519	4.85
12	MP2B	Mx	-.014	4.85
13	MP2C	X	-16.507	1.15
14	MP2C	Z	28.591	1.15
15	MP2C	Mx	-.015	1.15
16	MP2C	X	-16.507	4.85
17	MP2C	Z	28.591	4.85
18	MP2C	Mx	-.015	4.85
19	MP2A	X	-15.78	1.15
20	MP2A	Z	27.332	1.15
21	MP2A	Mx	-.009	1.15
22	MP2A	X	-15.78	4.85
23	MP2A	Z	27.332	4.85
24	MP2A	Mx	-.009	4.85
25	MP2B	X	-11.847	1.15
26	MP2B	Z	20.519	1.15
27	MP2B	Mx	-.021	1.15
28	MP2B	X	-11.847	4.85
29	MP2B	Z	20.519	4.85
30	MP2B	Mx	-.021	4.85
31	MP2C	X	-16.507	1.15
32	MP2C	Z	28.591	1.15
33	MP2C	Mx	.032	1.15

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP2C	X	-16.507	4.85
35	MP2C	Z	28.591	4.85
36	MP2C	Mx	.032	4.85
37	MP3A	X	-7.801	2
38	MP3A	Z	13.512	2
39	MP3A	Mx	.004	2
40	MP3A	X	-7.801	4
41	MP3A	Z	13.512	4
42	MP3A	Mx	.004	4
43	MP3B	X	-7.801	2
44	MP3B	Z	13.512	2
45	MP3B	Mx	.004	2
46	MP3B	X	-7.801	4
47	MP3B	Z	13.512	4
48	MP3B	Mx	.004	4
49	MP3C	X	-7.801	2
50	MP3C	Z	13.512	2
51	MP3C	Mx	.004	2
52	MP3C	X	-7.801	4
53	MP3C	Z	13.512	4
54	MP3C	Mx	.004	4
55	MP1A	X	-12.895	.25
56	MP1A	Z	22.335	.25
57	MP1A	Mx	.014	.25
58	MP1A	X	-12.895	5.75
59	MP1A	Z	22.335	5.75
60	MP1A	Mx	.014	5.75
61	MP1B	X	-8.592	.25
62	MP1B	Z	14.882	.25
63	MP1B	Mx	-.018	.25
64	MP1B	X	-8.592	5.75
65	MP1B	Z	14.882	5.75
66	MP1B	Mx	-.018	5.75
67	MP1C	X	-13.691	.25
68	MP1C	Z	23.713	.25
69	MP1C	Mx	.01	.25
70	MP1C	X	-13.691	5.75
71	MP1C	Z	23.713	5.75
72	MP1C	Mx	.01	5.75
73	MP2A	X	-1.732	1.27
74	MP2A	Z	3	1.27
75	MP2A	Mx	-.000722	1.27
76	MP2B	X	-1.732	1.27
77	MP2B	Z	3	1.27
78	MP2B	Mx	-.000722	1.27
79	MP2C	X	-1.732	1.27
80	MP2C	Z	3	1.27
81	MP2C	Mx	-.000722	1.27
82	MP2A	X	-7.08	2.35
83	MP2A	Z	12.263	2.35
84	MP2A	Mx	-.004	2.35
85	MP2B	X	-5.395	2.35
86	MP2B	Z	9.345	2.35
87	MP2B	Mx	.007	2.35
88	MP2C	X	-7.391	2.35
89	MP2C	Z	12.802	2.35
90	MP2C	Mx	-.003	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP3A	X	-6.857	2.35
92	MP3A	Z	11.877	2.35
93	MP3A	Mx	-.004	2.35
94	MP3B	X	-4.533	2.35
95	MP3B	Z	7.851	2.35
96	MP3B	Mx	.006	2.35
97	MP3C	X	-7.287	2.35
98	MP3C	Z	12.622	2.35
99	MP3C	Mx	-.003	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-22.6	1.15
2	MP2A	Z	13.048	1.15
3	MP2A	Mx	.027	1.15
4	MP2A	X	-22.6	4.85
5	MP2A	Z	13.048	4.85
6	MP2A	Mx	.027	4.85
7	MP2B	X	-24.144	1.15
8	MP2B	Z	13.94	1.15
9	MP2B	Mx	-.003	1.15
10	MP2B	X	-24.144	4.85
11	MP2B	Z	13.94	4.85
12	MP2B	Mx	-.003	4.85
13	MP2C	X	-29.412	1.15
14	MP2C	Z	16.981	1.15
15	MP2C	Mx	-.03	1.15
16	MP2C	X	-29.412	4.85
17	MP2C	Z	16.981	4.85
18	MP2C	Mx	-.03	4.85
19	MP2A	X	-22.6	1.15
20	MP2A	Z	13.048	1.15
21	MP2A	Mx	.007	1.15
22	MP2A	X	-22.6	4.85
23	MP2A	Z	13.048	4.85
24	MP2A	Mx	.007	4.85
25	MP2B	X	-24.144	1.15
26	MP2B	Z	13.94	1.15
27	MP2B	Mx	-.029	1.15
28	MP2B	X	-24.144	4.85
29	MP2B	Z	13.94	4.85
30	MP2B	Mx	-.029	4.85
31	MP2C	X	-29.412	1.15
32	MP2C	Z	16.981	1.15
33	MP2C	Mx	.021	1.15
34	MP2C	X	-29.412	4.85
35	MP2C	Z	16.981	4.85
36	MP2C	Mx	.021	4.85
37	MP3A	X	-8.973	2
38	MP3A	Z	5.18	2
39	MP3A	Mx	.004	2
40	MP3A	X	-8.973	4
41	MP3A	Z	5.18	4
42	MP3A	Mx	.004	4
43	MP3B	X	-8.973	2
44	MP3B	Z	5.18	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3B	Mx	.004	2
46	MP3B	X	-8.973	4
47	MP3B	Z	5.18	4
48	MP3B	Mx	.004	4
49	MP3C	X	-8.973	2
50	MP3C	Z	5.18	2
51	MP3C	Mx	.004	2
52	MP3C	X	-8.973	4
53	MP3C	Z	5.18	4
54	MP3C	Mx	.004	4
55	MP1A	X	-17.158	.25
56	MP1A	Z	9.906	.25
57	MP1A	Mx	.019	.25
58	MP1A	X	-17.158	5.75
59	MP1A	Z	9.906	5.75
60	MP1A	Mx	.019	5.75
61	MP1B	X	-18.848	.25
62	MP1B	Z	10.882	.25
63	MP1B	Mx	-.018	.25
64	MP1B	X	-18.848	5.75
65	MP1B	Z	10.882	5.75
66	MP1B	Mx	-.018	5.75
67	MP1C	X	-24.612	.25
68	MP1C	Z	14.21	.25
69	MP1C	Mx	-.005	.25
70	MP1C	X	-24.612	5.75
71	MP1C	Z	14.21	5.75
72	MP1C	Mx	-.005	5.75
73	MP2A	X	-2.598	1.27
74	MP2A	Z	1.5	1.27
75	MP2A	Mx	-.001	1.27
76	MP2B	X	-2.598	1.27
77	MP2B	Z	1.5	1.27
78	MP2B	Mx	-.001	1.27
79	MP2C	X	-2.598	1.27
80	MP2C	Z	1.5	1.27
81	MP2C	Mx	-.001	1.27
82	MP2A	X	-10.236	2.35
83	MP2A	Z	5.91	2.35
84	MP2A	Mx	-.006	2.35
85	MP2B	X	-10.897	2.35
86	MP2B	Z	6.292	2.35
87	MP2B	Mx	.006	2.35
88	MP2C	X	-13.154	2.35
89	MP2C	Z	7.594	2.35
90	MP2C	Mx	.002	2.35
91	MP3A	X	-9.081	2.35
92	MP3A	Z	5.243	2.35
93	MP3A	Mx	-.006	2.35
94	MP3B	X	-9.993	2.35
95	MP3B	Z	5.77	2.35
96	MP3B	Mx	.006	2.35
97	MP3C	X	-13.107	2.35
98	MP3C	Z	7.567	2.35
99	MP3C	Mx	.002	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-23.364	1.15
2	MP2A	Z	0	1.15
3	MP2A	Mx	.018	1.15
4	MP2A	X	-23.364	4.85
5	MP2A	Z	0	4.85
6	MP2A	Mx	.018	4.85
7	MP2B	X	-33.014	1.15
8	MP2B	Z	0	1.15
9	MP2B	Mx	.015	1.15
10	MP2B	X	-33.014	4.85
11	MP2B	Z	0	4.85
12	MP2B	Mx	.015	4.85
13	MP2C	X	-29.777	1.15
14	MP2C	Z	0	1.15
15	MP2C	Mx	-.031	1.15
16	MP2C	X	-29.777	4.85
17	MP2C	Z	0	4.85
18	MP2C	Mx	-.031	4.85
19	MP2A	X	-23.364	1.15
20	MP2A	Z	0	1.15
21	MP2A	Mx	.018	1.15
22	MP2A	X	-23.364	4.85
23	MP2A	Z	0	4.85
24	MP2A	Mx	.018	4.85
25	MP2B	X	-33.014	1.15
26	MP2B	Z	0	1.15
27	MP2B	Mx	-.032	1.15
28	MP2B	X	-33.014	4.85
29	MP2B	Z	0	4.85
30	MP2B	Mx	-.032	4.85
31	MP2C	X	-29.777	1.15
32	MP2C	Z	0	1.15
33	MP2C	Mx	.003	1.15
34	MP2C	X	-29.777	4.85
35	MP2C	Z	0	4.85
36	MP2C	Mx	.003	4.85
37	MP3A	X	-7.74	2
38	MP3A	Z	0	2
39	MP3A	Mx	.004	2
40	MP3A	X	-7.74	4
41	MP3A	Z	0	4
42	MP3A	Mx	.004	4
43	MP3B	X	-7.74	2
44	MP3B	Z	0	2
45	MP3B	Mx	.004	2
46	MP3B	X	-7.74	4
47	MP3B	Z	0	4
48	MP3B	Mx	.004	4
49	MP3C	X	-7.74	2
50	MP3C	Z	0	2
51	MP3C	Mx	.004	2
52	MP3C	X	-7.74	4
53	MP3C	Z	0	4
54	MP3C	Mx	.004	4
55	MP1A	X	-16.823	.25
56	MP1A	Z	0	.25
57	MP1A	Mx	.018	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-16.823	5.75
59	MP1A	Z	0	5.75
60	MP1A	Mx	.018	5.75
61	MP1B	X	-27.381	.25
62	MP1B	Z	0	.25
63	MP1B	Mx	-.01	.25
64	MP1B	X	-27.381	5.75
65	MP1B	Z	0	5.75
66	MP1B	Mx	-.01	5.75
67	MP1C	X	-23.84	.25
68	MP1C	Z	0	.25
69	MP1C	Mx	-.017	.25
70	MP1C	X	-23.84	5.75
71	MP1C	Z	0	5.75
72	MP1C	Mx	-.017	5.75
73	MP2A	X	-2.768	1.27
74	MP2A	Z	0	1.27
75	MP2A	Mx	-.001	1.27
76	MP2B	X	-2.768	1.27
77	MP2B	Z	0	1.27
78	MP2B	Mx	-.001	1.27
79	MP2C	X	-2.768	1.27
80	MP2C	Z	0	1.27
81	MP2C	Mx	-.001	1.27
82	MP2A	X	-10.649	2.35
83	MP2A	Z	0	2.35
84	MP2A	Mx	-.007	2.35
85	MP2B	X	-14.782	2.35
86	MP2B	Z	0	2.35
87	MP2B	Mx	.003	2.35
88	MP2C	X	-13.396	2.35
89	MP2C	Z	0	2.35
90	MP2C	Mx	.005	2.35
91	MP3A	X	-8.871	2.35
92	MP3A	Z	0	2.35
93	MP3A	Mx	-.006	2.35
94	MP3B	X	-14.574	2.35
95	MP3B	Z	0	2.35
96	MP3B	Mx	.003	2.35
97	MP3C	X	-12.661	2.35
98	MP3C	Z	0	2.35
99	MP3C	Mx	.005	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-22.6	1.15
2	MP2A	Z	-13.048	1.15
3	MP2A	Mx	.007	1.15
4	MP2A	X	-22.6	4.85
5	MP2A	Z	-13.048	4.85
6	MP2A	Mx	.007	4.85
7	MP2B	X	-29.412	1.15
8	MP2B	Z	-16.981	1.15
9	MP2B	Mx	.03	1.15
10	MP2B	X	-29.412	4.85
11	MP2B	Z	-16.981	4.85

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	.03	4.85
13	MP2C	X	-21.341	1.15
14	MP2C	Z	-12.321	1.15
15	MP2C	Mx	-.024	1.15
16	MP2C	X	-21.341	4.85
17	MP2C	Z	-12.321	4.85
18	MP2C	Mx	-.024	4.85
19	MP2A	X	-22.6	1.15
20	MP2A	Z	-13.048	1.15
21	MP2A	Mx	.027	1.15
22	MP2A	X	-22.6	4.85
23	MP2A	Z	-13.048	4.85
24	MP2A	Mx	.027	4.85
25	MP2B	X	-29.412	1.15
26	MP2B	Z	-16.981	1.15
27	MP2B	Mx	-.021	1.15
28	MP2B	X	-29.412	4.85
29	MP2B	Z	-16.981	4.85
30	MP2B	Mx	-.021	4.85
31	MP2C	X	-21.341	1.15
32	MP2C	Z	-12.321	1.15
33	MP2C	Mx	-.011	1.15
34	MP2C	X	-21.341	4.85
35	MP2C	Z	-12.321	4.85
36	MP2C	Mx	-.011	4.85
37	MP3A	X	-8.973	2
38	MP3A	Z	-5.18	2
39	MP3A	Mx	.004	2
40	MP3A	X	-8.973	4
41	MP3A	Z	-5.18	4
42	MP3A	Mx	.004	4
43	MP3B	X	-8.973	2
44	MP3B	Z	-5.18	2
45	MP3B	Mx	.004	2
46	MP3B	X	-8.973	4
47	MP3B	Z	-5.18	4
48	MP3B	Mx	.004	4
49	MP3C	X	-8.973	2
50	MP3C	Z	-5.18	2
51	MP3C	Mx	.004	2
52	MP3C	X	-8.973	4
53	MP3C	Z	-5.18	4
54	MP3C	Mx	.004	4
55	MP1A	X	-17.158	.25
56	MP1A	Z	-9.906	.25
57	MP1A	Mx	.019	.25
58	MP1A	X	-17.158	5.75
59	MP1A	Z	-9.906	5.75
60	MP1A	Mx	.019	5.75
61	MP1B	X	-24.612	.25
62	MP1B	Z	-14.21	.25
63	MP1B	Mx	.005	.25
64	MP1B	X	-24.612	5.75
65	MP1B	Z	-14.21	5.75
66	MP1B	Mx	.005	5.75
67	MP1C	X	-15.781	.25
68	MP1C	Z	-9.111	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP1C	Mx	-.019	.25
70	MP1C	X	-15.781	5.75
71	MP1C	Z	-9.111	5.75
72	MP1C	Mx	-.019	5.75
73	MP2A	X	-2.598	1.27
74	MP2A	Z	-1.5	1.27
75	MP2A	Mx	-.001	1.27
76	MP2B	X	-2.598	1.27
77	MP2B	Z	-1.5	1.27
78	MP2B	Mx	-.001	1.27
79	MP2C	X	-2.598	1.27
80	MP2C	Z	-1.5	1.27
81	MP2C	Mx	-.001	1.27
82	MP2A	X	-10.236	2.35
83	MP2A	Z	-5.91	2.35
84	MP2A	Mx	-.006	2.35
85	MP2B	X	-13.154	2.35
86	MP2B	Z	-7.594	2.35
87	MP2B	Mx	-.002	2.35
88	MP2C	X	-9.697	2.35
89	MP2C	Z	-5.598	2.35
90	MP2C	Mx	.007	2.35
91	MP3A	X	-9.081	2.35
92	MP3A	Z	-5.243	2.35
93	MP3A	Mx	-.006	2.35
94	MP3B	X	-13.107	2.35
95	MP3B	Z	-7.567	2.35
96	MP3B	Mx	-.002	2.35
97	MP3C	X	-8.336	2.35
98	MP3C	Z	-4.813	2.35
99	MP3C	Mx	.006	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-15.78	1.15
2	MP2A	Z	-27.332	1.15
3	MP2A	Mx	-.009	1.15
4	MP2A	X	-15.78	4.85
5	MP2A	Z	-27.332	4.85
6	MP2A	Mx	-.009	4.85
7	MP2B	X	-14.888	1.15
8	MP2B	Z	-25.787	1.15
9	MP2B	Mx	.031	1.15
10	MP2B	X	-14.888	4.85
11	MP2B	Z	-25.787	4.85
12	MP2B	Mx	.031	4.85
13	MP2C	X	-11.847	1.15
14	MP2C	Z	-20.519	1.15
15	MP2C	Mx	-.014	1.15
16	MP2C	X	-11.847	4.85
17	MP2C	Z	-20.519	4.85
18	MP2C	Mx	-.014	4.85
19	MP2A	X	-15.78	1.15
20	MP2A	Z	-27.332	1.15
21	MP2A	Mx	.032	1.15
22	MP2A	X	-15.78	4.85

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	-27.332	4.85
24	MP2A	Mx	.032	4.85
25	MP2B	X	-14.888	1.15
26	MP2B	Z	-25.787	1.15
27	MP2B	Mx	-.003	1.15
28	MP2B	X	-14.888	4.85
29	MP2B	Z	-25.787	4.85
30	MP2B	Mx	-.003	4.85
31	MP2C	X	-11.847	1.15
32	MP2C	Z	-20.519	1.15
33	MP2C	Mx	-.021	1.15
34	MP2C	X	-11.847	4.85
35	MP2C	Z	-20.519	4.85
36	MP2C	Mx	-.021	4.85
37	MP3A	X	-7.801	2
38	MP3A	Z	-13.512	2
39	MP3A	Mx	.004	2
40	MP3A	X	-7.801	4
41	MP3A	Z	-13.512	4
42	MP3A	Mx	.004	4
43	MP3B	X	-7.801	2
44	MP3B	Z	-13.512	2
45	MP3B	Mx	.004	2
46	MP3B	X	-7.801	4
47	MP3B	Z	-13.512	4
48	MP3B	Mx	.004	4
49	MP3C	X	-7.801	2
50	MP3C	Z	-13.512	2
51	MP3C	Mx	.004	2
52	MP3C	X	-7.801	4
53	MP3C	Z	-13.512	4
54	MP3C	Mx	.004	4
55	MP1A	X	-12.895	.25
56	MP1A	Z	-22.335	.25
57	MP1A	Mx	.014	.25
58	MP1A	X	-12.895	5.75
59	MP1A	Z	-22.335	5.75
60	MP1A	Mx	.014	5.75
61	MP1B	X	-11.92	.25
62	MP1B	Z	-20.646	.25
63	MP1B	Mx	.017	.25
64	MP1B	X	-11.92	5.75
65	MP1B	Z	-20.646	5.75
66	MP1B	Mx	.017	5.75
67	MP1C	X	-8.592	.25
68	MP1C	Z	-14.882	.25
69	MP1C	Mx	-.018	.25
70	MP1C	X	-8.592	5.75
71	MP1C	Z	-14.882	5.75
72	MP1C	Mx	-.018	5.75
73	MP2A	X	-1.732	1.27
74	MP2A	Z	-3	1.27
75	MP2A	Mx	-.000722	1.27
76	MP2B	X	-1.732	1.27
77	MP2B	Z	-3	1.27
78	MP2B	Mx	-.000722	1.27
79	MP2C	X	-1.732	1.27

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP2C	Z	-3	1.27
81	MP2C	Mx	-.000722	1.27
82	MP2A	X	-7.08	2.35
83	MP2A	Z	-12.263	2.35
84	MP2A	Mx	-.004	2.35
85	MP2B	X	-6.698	2.35
86	MP2B	Z	-11.601	2.35
87	MP2B	Mx	-.005	2.35
88	MP2C	X	-5.395	2.35
89	MP2C	Z	-9.345	2.35
90	MP2C	Mx	.007	2.35
91	MP3A	X	-6.857	2.35
92	MP3A	Z	-11.877	2.35
93	MP3A	Mx	-.004	2.35
94	MP3B	X	-6.33	2.35
95	MP3B	Z	-10.965	2.35
96	MP3B	Mx	-.005	2.35
97	MP3C	X	-4.533	2.35
98	MP3C	Z	-7.851	2.35
99	MP3C	Mx	.006	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.15
2	MP2A	Z	-11.3	1.15
3	MP2A	Mx	-.008	1.15
4	MP2A	X	0	4.85
5	MP2A	Z	-11.3	4.85
6	MP2A	Mx	-.008	4.85
7	MP2B	X	0	1.15
8	MP2B	Z	-7.875	1.15
9	MP2B	Mx	.008	1.15
10	MP2B	X	0	4.85
11	MP2B	Z	-7.875	4.85
12	MP2B	Mx	.008	4.85
13	MP2C	X	0	1.15
14	MP2C	Z	-9.024	1.15
15	MP2C	Mx	-.000834	1.15
16	MP2C	X	0	4.85
17	MP2C	Z	-9.024	4.85
18	MP2C	Mx	-.000834	4.85
19	MP2A	X	0	1.15
20	MP2A	Z	-11.3	1.15
21	MP2A	Mx	.008	1.15
22	MP2A	X	0	4.85
23	MP2A	Z	-11.3	4.85
24	MP2A	Mx	.008	4.85
25	MP2B	X	0	1.15
26	MP2B	Z	-7.875	1.15
27	MP2B	Mx	.004	1.15
28	MP2B	X	0	4.85
29	MP2B	Z	-7.875	4.85
30	MP2B	Mx	.004	4.85
31	MP2C	X	0	1.15
32	MP2C	Z	-9.024	1.15
33	MP2C	Mx	-.01	1.15

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP2C	X	0	4.85
35	MP2C	Z	-9.024	4.85
36	MP2C	Mx	-.01	4.85
37	MP3A	X	0	2
38	MP3A	Z	-5.83	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	-5.83	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	-5.83	2
45	MP3B	Mx	0	2
46	MP3B	X	0	4
47	MP3B	Z	-5.83	4
48	MP3B	Mx	0	4
49	MP3C	X	0	2
50	MP3C	Z	-5.83	2
51	MP3C	Mx	0	2
52	MP3C	X	0	4
53	MP3C	Z	-5.83	4
54	MP3C	Mx	0	4
55	MP1A	X	0	.25
56	MP1A	Z	-9.39	.25
57	MP1A	Mx	0	.25
58	MP1A	X	0	5.75
59	MP1A	Z	-9.39	5.75
60	MP1A	Mx	0	5.75
61	MP1B	X	0	.25
62	MP1B	Z	-5.653	.25
63	MP1B	Mx	.006	.25
64	MP1B	X	0	5.75
65	MP1B	Z	-5.653	5.75
66	MP1B	Mx	.006	5.75
67	MP1C	X	0	.25
68	MP1C	Z	-6.906	.25
69	MP1C	Mx	-.006	.25
70	MP1C	X	0	5.75
71	MP1C	Z	-6.906	5.75
72	MP1C	Mx	-.006	5.75
73	MP2A	X	0	1.27
74	MP2A	Z	-.918	1.27
75	MP2A	Mx	0	1.27
76	MP2B	X	0	1.27
77	MP2B	Z	-.918	1.27
78	MP2B	Mx	0	1.27
79	MP2C	X	0	1.27
80	MP2C	Z	-.918	1.27
81	MP2C	Mx	0	1.27
82	MP2A	X	0	2.35
83	MP2A	Z	-4.639	2.35
84	MP2A	Mx	0	2.35
85	MP2B	X	0	2.35
86	MP2B	Z	-3.281	2.35
87	MP2B	Mx	-.002	2.35
88	MP2C	X	0	2.35
89	MP2C	Z	-3.736	2.35
90	MP2C	Mx	.002	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP3A	X	0	2.35
92	MP3A	Z	-4.639	2.35
93	MP3A	Mx	0	2.35
94	MP3B	X	0	2.35
95	MP3B	Z	-2.761	2.35
96	MP3B	Mx	-.002	2.35
97	MP3C	X	0	2.35
98	MP3C	Z	-3.391	2.35
99	MP3C	Mx	.002	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.165	1.15
2	MP2A	Z	-8.946	1.15
3	MP2A	Mx	-.011	1.15
4	MP2A	X	5.165	4.85
5	MP2A	Z	-8.946	4.85
6	MP2A	Mx	-.011	4.85
7	MP2B	X	3.769	1.15
8	MP2B	Z	-6.528	1.15
9	MP2B	Mx	.005	1.15
10	MP2B	X	3.769	4.85
11	MP2B	Z	-6.528	4.85
12	MP2B	Mx	.005	4.85
13	MP2C	X	5.423	1.15
14	MP2C	Z	-9.393	1.15
15	MP2C	Mx	.005	1.15
16	MP2C	X	5.423	4.85
17	MP2C	Z	-9.393	4.85
18	MP2C	Mx	.005	4.85
19	MP2A	X	5.165	1.15
20	MP2A	Z	-8.946	1.15
21	MP2A	Mx	.003	1.15
22	MP2A	X	5.165	4.85
23	MP2A	Z	-8.946	4.85
24	MP2A	Mx	.003	4.85
25	MP2B	X	3.769	1.15
26	MP2B	Z	-6.528	1.15
27	MP2B	Mx	.007	1.15
28	MP2B	X	3.769	4.85
29	MP2B	Z	-6.528	4.85
30	MP2B	Mx	.007	4.85
31	MP2C	X	5.423	1.15
32	MP2C	Z	-9.393	1.15
33	MP2C	Mx	-.01	1.15
34	MP2C	X	5.423	4.85
35	MP2C	Z	-9.393	4.85
36	MP2C	Mx	-.01	4.85
37	MP3A	X	2.471	2
38	MP3A	Z	-4.281	2
39	MP3A	Mx	-.001	2
40	MP3A	X	2.471	4
41	MP3A	Z	-4.281	4
42	MP3A	Mx	-.001	4
43	MP3B	X	2.471	2
44	MP3B	Z	-4.281	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3B	Mx	-.001	2
46	MP3B	X	2.471	4
47	MP3B	Z	-4.281	4
48	MP3B	Mx	-.001	4
49	MP3C	X	2.471	2
50	MP3C	Z	-4.281	2
51	MP3C	Mx	-.001	2
52	MP3C	X	2.471	4
53	MP3C	Z	-4.281	4
54	MP3C	Mx	-.001	4
55	MP1A	X	4.166	.25
56	MP1A	Z	-7.215	.25
57	MP1A	Mx	-.005	.25
58	MP1A	X	4.166	5.75
59	MP1A	Z	-7.215	5.75
60	MP1A	Mx	-.005	5.75
61	MP1B	X	2.643	.25
62	MP1B	Z	-4.577	.25
63	MP1B	Mx	.006	.25
64	MP1B	X	2.643	5.75
65	MP1B	Z	-4.577	5.75
66	MP1B	Mx	.006	5.75
67	MP1C	X	4.447	.25
68	MP1C	Z	-7.703	.25
69	MP1C	Mx	-.003	.25
70	MP1C	X	4.447	5.75
71	MP1C	Z	-7.703	5.75
72	MP1C	Mx	-.003	5.75
73	MP2A	X	.424	1.27
74	MP2A	Z	-.734	1.27
75	MP2A	Mx	.000177	1.27
76	MP2B	X	.424	1.27
77	MP2B	Z	-.734	1.27
78	MP2B	Mx	.000177	1.27
79	MP2C	X	.424	1.27
80	MP2C	Z	-.734	1.27
81	MP2C	Mx	.000177	1.27
82	MP2A	X	2.127	2.35
83	MP2A	Z	-3.684	2.35
84	MP2A	Mx	.001	2.35
85	MP2B	X	1.574	2.35
86	MP2B	Z	-2.726	2.35
87	MP2B	Mx	-.002	2.35
88	MP2C	X	2.23	2.35
89	MP2C	Z	-3.862	2.35
90	MP2C	Mx	.000953	2.35
91	MP3A	X	2.054	2.35
92	MP3A	Z	-3.557	2.35
93	MP3A	Mx	.001	2.35
94	MP3B	X	1.288	2.35
95	MP3B	Z	-2.231	2.35
96	MP3B	Mx	-.002	2.35
97	MP3C	X	2.195	2.35
98	MP3C	Z	-3.802	2.35
99	MP3C	Mx	.000938	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.267	1.15
2	MP2A	Z	-4.196	1.15
3	MP2A	Mx	-.009	1.15
4	MP2A	X	7.267	4.85
5	MP2A	Z	-4.196	4.85
6	MP2A	Mx	-.009	4.85
7	MP2B	X	7.815	1.15
8	MP2B	Z	-4.512	1.15
9	MP2B	Mx	.000834	1.15
10	MP2B	X	7.815	4.85
11	MP2B	Z	-4.512	4.85
12	MP2B	Mx	.000834	4.85
13	MP2C	X	9.685	1.15
14	MP2C	Z	-5.591	1.15
15	MP2C	Mx	.01	1.15
16	MP2C	X	9.685	4.85
17	MP2C	Z	-5.591	4.85
18	MP2C	Mx	.01	4.85
19	MP2A	X	7.267	1.15
20	MP2A	Z	-4.196	1.15
21	MP2A	Mx	-.002	1.15
22	MP2A	X	7.267	4.85
23	MP2A	Z	-4.196	4.85
24	MP2A	Mx	-.002	4.85
25	MP2B	X	7.815	1.15
26	MP2B	Z	-4.512	1.15
27	MP2B	Mx	.01	1.15
28	MP2B	X	7.815	4.85
29	MP2B	Z	-4.512	4.85
30	MP2B	Mx	.01	4.85
31	MP2C	X	9.685	1.15
32	MP2C	Z	-5.591	1.15
33	MP2C	Mx	-.007	1.15
34	MP2C	X	9.685	4.85
35	MP2C	Z	-5.591	4.85
36	MP2C	Mx	-.007	4.85
37	MP3A	X	2.745	2
38	MP3A	Z	-1.585	2
39	MP3A	Mx	-.001	2
40	MP3A	X	2.745	4
41	MP3A	Z	-1.585	4
42	MP3A	Mx	-.001	4
43	MP3B	X	2.745	2
44	MP3B	Z	-1.585	2
45	MP3B	Mx	-.001	2
46	MP3B	X	2.745	4
47	MP3B	Z	-1.585	4
48	MP3B	Mx	-.001	4
49	MP3C	X	2.745	2
50	MP3C	Z	-1.585	2
51	MP3C	Mx	-.001	2
52	MP3C	X	2.745	4
53	MP3C	Z	-1.585	4
54	MP3C	Mx	-.001	4
55	MP1A	X	5.383	.25
56	MP1A	Z	-3.108	.25
57	MP1A	Mx	-.006	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	5.383	5.75
59	MP1A	Z	-3.108	5.75
60	MP1A	Mx	-.006	5.75
61	MP1B	X	5.981	.25
62	MP1B	Z	-3.453	.25
63	MP1B	Mx	.006	.25
64	MP1B	X	5.981	5.75
65	MP1B	Z	-3.453	5.75
66	MP1B	Mx	.006	5.75
67	MP1C	X	8.021	.25
68	MP1C	Z	-4.631	.25
69	MP1C	Mx	.002	.25
70	MP1C	X	8.021	5.75
71	MP1C	Z	-4.631	5.75
72	MP1C	Mx	.002	5.75
73	MP2A	X	.611	1.27
74	MP2A	Z	-.353	1.27
75	MP2A	Mx	.000255	1.27
76	MP2B	X	.611	1.27
77	MP2B	Z	-.353	1.27
78	MP2B	Mx	.000255	1.27
79	MP2C	X	.611	1.27
80	MP2C	Z	-.353	1.27
81	MP2C	Mx	.000255	1.27
82	MP2A	X	3.018	2.35
83	MP2A	Z	-1.743	2.35
84	MP2A	Mx	.002	2.35
85	MP2B	X	3.236	2.35
86	MP2B	Z	-1.868	2.35
87	MP2B	Mx	-.002	2.35
88	MP2C	X	3.977	2.35
89	MP2C	Z	-2.296	2.35
90	MP2C	Mx	-.000498	2.35
91	MP3A	X	2.636	2.35
92	MP3A	Z	-1.522	2.35
93	MP3A	Mx	.002	2.35
94	MP3B	X	2.936	2.35
95	MP3B	Z	-1.695	2.35
96	MP3B	Mx	-.002	2.35
97	MP3C	X	3.962	2.35
98	MP3C	Z	-2.287	2.35
99	MP3C	Mx	-.000497	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.422	1.15
2	MP2A	Z	0	1.15
3	MP2A	Mx	-.006	1.15
4	MP2A	X	7.422	4.85
5	MP2A	Z	0	4.85
6	MP2A	Mx	-.006	4.85
7	MP2B	X	10.846	1.15
8	MP2B	Z	0	1.15
9	MP2B	Mx	-.005	1.15
10	MP2B	X	10.846	4.85
11	MP2B	Z	0	4.85

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	-.005	4.85
13	MP2C	X	9.697	1.15
14	MP2C	Z	0	1.15
15	MP2C	Mx	.01	1.15
16	MP2C	X	9.697	4.85
17	MP2C	Z	0	4.85
18	MP2C	Mx	.01	4.85
19	MP2A	X	7.422	1.15
20	MP2A	Z	0	1.15
21	MP2A	Mx	-.006	1.15
22	MP2A	X	7.422	4.85
23	MP2A	Z	0	4.85
24	MP2A	Mx	-.006	4.85
25	MP2B	X	10.846	1.15
26	MP2B	Z	0	1.15
27	MP2B	Mx	.01	1.15
28	MP2B	X	10.846	4.85
29	MP2B	Z	0	4.85
30	MP2B	Mx	.01	4.85
31	MP2C	X	9.697	1.15
32	MP2C	Z	0	1.15
33	MP2C	Mx	-.000896	1.15
34	MP2C	X	9.697	4.85
35	MP2C	Z	0	4.85
36	MP2C	Mx	-.000896	4.85
37	MP3A	X	2.282	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.001	2
40	MP3A	X	2.282	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.001	4
43	MP3B	X	2.282	2
44	MP3B	Z	0	2
45	MP3B	Mx	-.001	2
46	MP3B	X	2.282	4
47	MP3B	Z	0	4
48	MP3B	Mx	-.001	4
49	MP3C	X	2.282	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.001	2
52	MP3C	X	2.282	4
53	MP3C	Z	0	4
54	MP3C	Mx	-.001	4
55	MP1A	X	5.158	.25
56	MP1A	Z	0	.25
57	MP1A	Mx	-.006	.25
58	MP1A	X	5.158	5.75
59	MP1A	Z	0	5.75
60	MP1A	Mx	-.006	5.75
61	MP1B	X	8.895	.25
62	MP1B	Z	0	.25
63	MP1B	Mx	.003	.25
64	MP1B	X	8.895	5.75
65	MP1B	Z	0	5.75
66	MP1B	Mx	.003	5.75
67	MP1C	X	7.641	.25
68	MP1C	Z	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP1C	Mx	.005	.25
70	MP1C	X	7.641	5.75
71	MP1C	Z	0	5.75
72	MP1C	Mx	.005	5.75
73	MP2A	X	.635	1.27
74	MP2A	Z	0	1.27
75	MP2A	Mx	.000265	1.27
76	MP2B	X	.635	1.27
77	MP2B	Z	0	1.27
78	MP2B	Mx	.000265	1.27
79	MP2C	X	.635	1.27
80	MP2C	Z	0	1.27
81	MP2C	Mx	.000265	1.27
82	MP2A	X	3.101	2.35
83	MP2A	Z	0	2.35
84	MP2A	Mx	.002	2.35
85	MP2B	X	4.459	2.35
86	MP2B	Z	0	2.35
87	MP2B	Mx	-.000953	2.35
88	MP2C	X	4.003	2.35
89	MP2C	Z	0	2.35
90	MP2C	Mx	-.002	2.35
91	MP3A	X	2.512	2.35
92	MP3A	Z	0	2.35
93	MP3A	Mx	.002	2.35
94	MP3B	X	4.39	2.35
95	MP3B	Z	0	2.35
96	MP3B	Mx	-.000938	2.35
97	MP3C	X	3.76	2.35
98	MP3C	Z	0	2.35
99	MP3C	Mx	-.002	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.267	1.15
2	MP2A	Z	4.196	1.15
3	MP2A	Mx	-.002	1.15
4	MP2A	X	7.267	4.85
5	MP2A	Z	4.196	4.85
6	MP2A	Mx	-.002	4.85
7	MP2B	X	9.685	1.15
8	MP2B	Z	5.591	1.15
9	MP2B	Mx	-.01	1.15
10	MP2B	X	9.685	4.85
11	MP2B	Z	5.591	4.85
12	MP2B	Mx	-.01	4.85
13	MP2C	X	6.82	1.15
14	MP2C	Z	3.938	1.15
15	MP2C	Mx	.008	1.15
16	MP2C	X	6.82	4.85
17	MP2C	Z	3.938	4.85
18	MP2C	Mx	.008	4.85
19	MP2A	X	7.267	1.15
20	MP2A	Z	4.196	1.15
21	MP2A	Mx	-.009	1.15
22	MP2A	X	7.267	4.85

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	4.196	4.85
24	MP2A	Mx	-.009	4.85
25	MP2B	X	9.685	1.15
26	MP2B	Z	5.591	1.15
27	MP2B	Mx	.007	1.15
28	MP2B	X	9.685	4.85
29	MP2B	Z	5.591	4.85
30	MP2B	Mx	.007	4.85
31	MP2C	X	6.82	1.15
32	MP2C	Z	3.938	1.15
33	MP2C	Mx	.004	1.15
34	MP2C	X	6.82	4.85
35	MP2C	Z	3.938	4.85
36	MP2C	Mx	.004	4.85
37	MP3A	X	2.745	2
38	MP3A	Z	1.585	2
39	MP3A	Mx	-.001	2
40	MP3A	X	2.745	4
41	MP3A	Z	1.585	4
42	MP3A	Mx	-.001	4
43	MP3B	X	2.745	2
44	MP3B	Z	1.585	2
45	MP3B	Mx	-.001	2
46	MP3B	X	2.745	4
47	MP3B	Z	1.585	4
48	MP3B	Mx	-.001	4
49	MP3C	X	2.745	2
50	MP3C	Z	1.585	2
51	MP3C	Mx	-.001	2
52	MP3C	X	2.745	4
53	MP3C	Z	1.585	4
54	MP3C	Mx	-.001	4
55	MP1A	X	5.383	.25
56	MP1A	Z	3.108	.25
57	MP1A	Mx	-.006	.25
58	MP1A	X	5.383	5.75
59	MP1A	Z	3.108	5.75
60	MP1A	Mx	-.006	5.75
61	MP1B	X	8.021	.25
62	MP1B	Z	4.631	.25
63	MP1B	Mx	-.002	.25
64	MP1B	X	8.021	5.75
65	MP1B	Z	4.631	5.75
66	MP1B	Mx	-.002	5.75
67	MP1C	X	4.895	.25
68	MP1C	Z	2.826	.25
69	MP1C	Mx	.006	.25
70	MP1C	X	4.895	5.75
71	MP1C	Z	2.826	5.75
72	MP1C	Mx	.006	5.75
73	MP2A	X	.611	1.27
74	MP2A	Z	.353	1.27
75	MP2A	Mx	.000255	1.27
76	MP2B	X	.611	1.27
77	MP2B	Z	.353	1.27
78	MP2B	Mx	.000255	1.27
79	MP2C	X	.611	1.27

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP2C	Z	.353	1.27
81	MP2C	Mx	.000255	1.27
82	MP2A	X	3.018	2.35
83	MP2A	Z	1.743	2.35
84	MP2A	Mx	.002	2.35
85	MP2B	X	3.977	2.35
86	MP2B	Z	2.296	2.35
87	MP2B	Mx	.000498	2.35
88	MP2C	X	2.841	2.35
89	MP2C	Z	1.64	2.35
90	MP2C	Mx	-.002	2.35
91	MP3A	X	2.636	2.35
92	MP3A	Z	1.522	2.35
93	MP3A	Mx	.002	2.35
94	MP3B	X	3.962	2.35
95	MP3B	Z	2.287	2.35
96	MP3B	Mx	.000496	2.35
97	MP3C	X	2.391	2.35
98	MP3C	Z	1.38	2.35
99	MP3C	Mx	-.002	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.165	1.15
2	MP2A	Z	8.946	1.15
3	MP2A	Mx	.003	1.15
4	MP2A	X	5.165	4.85
5	MP2A	Z	8.946	4.85
6	MP2A	Mx	.003	4.85
7	MP2B	X	4.849	1.15
8	MP2B	Z	8.398	1.15
9	MP2B	Mx	-.01	1.15
10	MP2B	X	4.849	4.85
11	MP2B	Z	8.398	4.85
12	MP2B	Mx	-.01	4.85
13	MP2C	X	3.769	1.15
14	MP2C	Z	6.528	1.15
15	MP2C	Mx	.005	1.15
16	MP2C	X	3.769	4.85
17	MP2C	Z	6.528	4.85
18	MP2C	Mx	.005	4.85
19	MP2A	X	5.165	1.15
20	MP2A	Z	8.946	1.15
21	MP2A	Mx	-.011	1.15
22	MP2A	X	5.165	4.85
23	MP2A	Z	8.946	4.85
24	MP2A	Mx	-.011	4.85
25	MP2B	X	4.849	1.15
26	MP2B	Z	8.398	1.15
27	MP2B	Mx	.000897	1.15
28	MP2B	X	4.849	4.85
29	MP2B	Z	8.398	4.85
30	MP2B	Mx	.000897	4.85
31	MP2C	X	3.769	1.15
32	MP2C	Z	6.528	1.15
33	MP2C	Mx	.007	1.15

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP2C	X	3.769	4.85
35	MP2C	Z	6.528	4.85
36	MP2C	Mx	.007	4.85
37	MP3A	X	2.471	2
38	MP3A	Z	4.281	2
39	MP3A	Mx	-.001	2
40	MP3A	X	2.471	4
41	MP3A	Z	4.281	4
42	MP3A	Mx	-.001	4
43	MP3B	X	2.471	2
44	MP3B	Z	4.281	2
45	MP3B	Mx	-.001	2
46	MP3B	X	2.471	4
47	MP3B	Z	4.281	4
48	MP3B	Mx	-.001	4
49	MP3C	X	2.471	2
50	MP3C	Z	4.281	2
51	MP3C	Mx	-.001	2
52	MP3C	X	2.471	4
53	MP3C	Z	4.281	4
54	MP3C	Mx	-.001	4
55	MP1A	X	4.166	.25
56	MP1A	Z	7.215	.25
57	MP1A	Mx	-.005	.25
58	MP1A	X	4.166	5.75
59	MP1A	Z	7.215	5.75
60	MP1A	Mx	-.005	5.75
61	MP1B	X	3.82	.25
62	MP1B	Z	6.617	.25
63	MP1B	Mx	-.005	.25
64	MP1B	X	3.82	5.75
65	MP1B	Z	6.617	5.75
66	MP1B	Mx	-.005	5.75
67	MP1C	X	2.643	.25
68	MP1C	Z	4.577	.25
69	MP1C	Mx	.006	.25
70	MP1C	X	2.643	5.75
71	MP1C	Z	4.577	5.75
72	MP1C	Mx	.006	5.75
73	MP2A	X	.424	1.27
74	MP2A	Z	.734	1.27
75	MP2A	Mx	.000177	1.27
76	MP2B	X	.424	1.27
77	MP2B	Z	.734	1.27
78	MP2B	Mx	.000177	1.27
79	MP2C	X	.424	1.27
80	MP2C	Z	.734	1.27
81	MP2C	Mx	.000177	1.27
82	MP2A	X	2.127	2.35
83	MP2A	Z	3.684	2.35
84	MP2A	Mx	.001	2.35
85	MP2B	X	2.002	2.35
86	MP2B	Z	3.467	2.35
87	MP2B	Mx	.002	2.35
88	MP2C	X	1.574	2.35
89	MP2C	Z	2.726	2.35
90	MP2C	Mx	-.002	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP3A	X	2.054	2.35
92	MP3A	Z	3.557	2.35
93	MP3A	Mx	.001	2.35
94	MP3B	X	1.88	2.35
95	MP3B	Z	3.256	2.35
96	MP3B	Mx	.002	2.35
97	MP3C	X	1.288	2.35
98	MP3C	Z	2.231	2.35
99	MP3C	Mx	-.002	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.15
2	MP2A	Z	11.3	1.15
3	MP2A	Mx	.008	1.15
4	MP2A	X	0	4.85
5	MP2A	Z	11.3	4.85
6	MP2A	Mx	.008	4.85
7	MP2B	X	0	1.15
8	MP2B	Z	7.875	1.15
9	MP2B	Mx	-.008	1.15
10	MP2B	X	0	4.85
11	MP2B	Z	7.875	4.85
12	MP2B	Mx	-.008	4.85
13	MP2C	X	0	1.15
14	MP2C	Z	9.024	1.15
15	MP2C	Mx	.000834	1.15
16	MP2C	X	0	4.85
17	MP2C	Z	9.024	4.85
18	MP2C	Mx	.000834	4.85
19	MP2A	X	0	1.15
20	MP2A	Z	11.3	1.15
21	MP2A	Mx	-.008	1.15
22	MP2A	X	0	4.85
23	MP2A	Z	11.3	4.85
24	MP2A	Mx	-.008	4.85
25	MP2B	X	0	1.15
26	MP2B	Z	7.875	1.15
27	MP2B	Mx	-.004	1.15
28	MP2B	X	0	4.85
29	MP2B	Z	7.875	4.85
30	MP2B	Mx	-.004	4.85
31	MP2C	X	0	1.15
32	MP2C	Z	9.024	1.15
33	MP2C	Mx	.01	1.15
34	MP2C	X	0	4.85
35	MP2C	Z	9.024	4.85
36	MP2C	Mx	.01	4.85
37	MP3A	X	0	2
38	MP3A	Z	5.83	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	5.83	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	5.83	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3B	Mx	0	2
46	MP3B	X	0	4
47	MP3B	Z	5.83	4
48	MP3B	Mx	0	4
49	MP3C	X	0	2
50	MP3C	Z	5.83	2
51	MP3C	Mx	0	2
52	MP3C	X	0	4
53	MP3C	Z	5.83	4
54	MP3C	Mx	0	4
55	MP1A	X	0	.25
56	MP1A	Z	9.39	.25
57	MP1A	Mx	0	.25
58	MP1A	X	0	5.75
59	MP1A	Z	9.39	5.75
60	MP1A	Mx	0	5.75
61	MP1B	X	0	.25
62	MP1B	Z	5.653	.25
63	MP1B	Mx	-.006	.25
64	MP1B	X	0	5.75
65	MP1B	Z	5.653	5.75
66	MP1B	Mx	-.006	5.75
67	MP1C	X	0	.25
68	MP1C	Z	6.906	.25
69	MP1C	Mx	.006	.25
70	MP1C	X	0	5.75
71	MP1C	Z	6.906	5.75
72	MP1C	Mx	.006	5.75
73	MP2A	X	0	1.27
74	MP2A	Z	.918	1.27
75	MP2A	Mx	0	1.27
76	MP2B	X	0	1.27
77	MP2B	Z	.918	1.27
78	MP2B	Mx	0	1.27
79	MP2C	X	0	1.27
80	MP2C	Z	.918	1.27
81	MP2C	Mx	0	1.27
82	MP2A	X	0	2.35
83	MP2A	Z	4.639	2.35
84	MP2A	Mx	0	2.35
85	MP2B	X	0	2.35
86	MP2B	Z	3.281	2.35
87	MP2B	Mx	.002	2.35
88	MP2C	X	0	2.35
89	MP2C	Z	3.736	2.35
90	MP2C	Mx	-.002	2.35
91	MP3A	X	0	2.35
92	MP3A	Z	4.639	2.35
93	MP3A	Mx	0	2.35
94	MP3B	X	0	2.35
95	MP3B	Z	2.761	2.35
96	MP3B	Mx	.002	2.35
97	MP3C	X	0	2.35
98	MP3C	Z	3.391	2.35
99	MP3C	Mx	-.002	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.165	1.15
2	MP2A	Z	8.946	1.15
3	MP2A	Mx	.011	1.15
4	MP2A	X	-5.165	4.85
5	MP2A	Z	8.946	4.85
6	MP2A	Mx	.011	4.85
7	MP2B	X	-3.769	1.15
8	MP2B	Z	6.528	1.15
9	MP2B	Mx	-.005	1.15
10	MP2B	X	-3.769	4.85
11	MP2B	Z	6.528	4.85
12	MP2B	Mx	-.005	4.85
13	MP2C	X	-5.423	1.15
14	MP2C	Z	9.393	1.15
15	MP2C	Mx	-.005	1.15
16	MP2C	X	-5.423	4.85
17	MP2C	Z	9.393	4.85
18	MP2C	Mx	-.005	4.85
19	MP2A	X	-5.165	1.15
20	MP2A	Z	8.946	1.15
21	MP2A	Mx	-.003	1.15
22	MP2A	X	-5.165	4.85
23	MP2A	Z	8.946	4.85
24	MP2A	Mx	-.003	4.85
25	MP2B	X	-3.769	1.15
26	MP2B	Z	6.528	1.15
27	MP2B	Mx	-.007	1.15
28	MP2B	X	-3.769	4.85
29	MP2B	Z	6.528	4.85
30	MP2B	Mx	-.007	4.85
31	MP2C	X	-5.423	1.15
32	MP2C	Z	9.393	1.15
33	MP2C	Mx	.01	1.15
34	MP2C	X	-5.423	4.85
35	MP2C	Z	9.393	4.85
36	MP2C	Mx	.01	4.85
37	MP3A	X	-2.471	2
38	MP3A	Z	4.281	2
39	MP3A	Mx	.001	2
40	MP3A	X	-2.471	4
41	MP3A	Z	4.281	4
42	MP3A	Mx	.001	4
43	MP3B	X	-2.471	2
44	MP3B	Z	4.281	2
45	MP3B	Mx	.001	2
46	MP3B	X	-2.471	4
47	MP3B	Z	4.281	4
48	MP3B	Mx	.001	4
49	MP3C	X	-2.471	2
50	MP3C	Z	4.281	2
51	MP3C	Mx	.001	2
52	MP3C	X	-2.471	4
53	MP3C	Z	4.281	4
54	MP3C	Mx	.001	4
55	MP1A	X	-4.166	.25
56	MP1A	Z	7.215	.25
57	MP1A	Mx	.005	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-4.166	5.75
59	MP1A	Z	7.215	5.75
60	MP1A	Mx	.005	5.75
61	MP1B	X	-2.643	.25
62	MP1B	Z	4.577	.25
63	MP1B	Mx	-.006	.25
64	MP1B	X	-2.643	5.75
65	MP1B	Z	4.577	5.75
66	MP1B	Mx	-.006	5.75
67	MP1C	X	-4.447	.25
68	MP1C	Z	7.703	.25
69	MP1C	Mx	.003	.25
70	MP1C	X	-4.447	5.75
71	MP1C	Z	7.703	5.75
72	MP1C	Mx	.003	5.75
73	MP2A	X	-.424	1.27
74	MP2A	Z	.734	1.27
75	MP2A	Mx	-.000177	1.27
76	MP2B	X	-.424	1.27
77	MP2B	Z	.734	1.27
78	MP2B	Mx	-.000177	1.27
79	MP2C	X	-.424	1.27
80	MP2C	Z	.734	1.27
81	MP2C	Mx	-.000177	1.27
82	MP2A	X	-2.127	2.35
83	MP2A	Z	3.684	2.35
84	MP2A	Mx	-.001	2.35
85	MP2B	X	-1.574	2.35
86	MP2B	Z	2.726	2.35
87	MP2B	Mx	.002	2.35
88	MP2C	X	-2.23	2.35
89	MP2C	Z	3.862	2.35
90	MP2C	Mx	-.000953	2.35
91	MP3A	X	-2.054	2.35
92	MP3A	Z	3.557	2.35
93	MP3A	Mx	-.001	2.35
94	MP3B	X	-1.288	2.35
95	MP3B	Z	2.231	2.35
96	MP3B	Mx	.002	2.35
97	MP3C	X	-2.195	2.35
98	MP3C	Z	3.802	2.35
99	MP3C	Mx	-.000938	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.267	1.15
2	MP2A	Z	4.196	1.15
3	MP2A	Mx	.009	1.15
4	MP2A	X	-7.267	4.85
5	MP2A	Z	4.196	4.85
6	MP2A	Mx	.009	4.85
7	MP2B	X	-7.815	1.15
8	MP2B	Z	4.512	1.15
9	MP2B	Mx	-.000834	1.15
10	MP2B	X	-7.815	4.85
11	MP2B	Z	4.512	4.85

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	-.000834	4.85
13	MP2C	X	-9.685	1.15
14	MP2C	Z	5.591	1.15
15	MP2C	Mx	-.01	1.15
16	MP2C	X	-9.685	4.85
17	MP2C	Z	5.591	4.85
18	MP2C	Mx	-.01	4.85
19	MP2A	X	-7.267	1.15
20	MP2A	Z	4.196	1.15
21	MP2A	Mx	.002	1.15
22	MP2A	X	-7.267	4.85
23	MP2A	Z	4.196	4.85
24	MP2A	Mx	.002	4.85
25	MP2B	X	-7.815	1.15
26	MP2B	Z	4.512	1.15
27	MP2B	Mx	-.01	1.15
28	MP2B	X	-7.815	4.85
29	MP2B	Z	4.512	4.85
30	MP2B	Mx	-.01	4.85
31	MP2C	X	-9.685	1.15
32	MP2C	Z	5.591	1.15
33	MP2C	Mx	.007	1.15
34	MP2C	X	-9.685	4.85
35	MP2C	Z	5.591	4.85
36	MP2C	Mx	.007	4.85
37	MP3A	X	-2.745	2
38	MP3A	Z	1.585	2
39	MP3A	Mx	.001	2
40	MP3A	X	-2.745	4
41	MP3A	Z	1.585	4
42	MP3A	Mx	.001	4
43	MP3B	X	-2.745	2
44	MP3B	Z	1.585	2
45	MP3B	Mx	.001	2
46	MP3B	X	-2.745	4
47	MP3B	Z	1.585	4
48	MP3B	Mx	.001	4
49	MP3C	X	-2.745	2
50	MP3C	Z	1.585	2
51	MP3C	Mx	.001	2
52	MP3C	X	-2.745	4
53	MP3C	Z	1.585	4
54	MP3C	Mx	.001	4
55	MP1A	X	-5.383	.25
56	MP1A	Z	3.108	.25
57	MP1A	Mx	.006	.25
58	MP1A	X	-5.383	5.75
59	MP1A	Z	3.108	5.75
60	MP1A	Mx	.006	5.75
61	MP1B	X	-5.981	.25
62	MP1B	Z	3.453	.25
63	MP1B	Mx	-.006	.25
64	MP1B	X	-5.981	5.75
65	MP1B	Z	3.453	5.75
66	MP1B	Mx	-.006	5.75
67	MP1C	X	-8.021	.25
68	MP1C	Z	4.631	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP1C	Mx	-.002	.25
70	MP1C	X	-8.021	5.75
71	MP1C	Z	4.631	5.75
72	MP1C	Mx	-.002	5.75
73	MP2A	X	-.611	1.27
74	MP2A	Z	.353	1.27
75	MP2A	Mx	-.000255	1.27
76	MP2B	X	-.611	1.27
77	MP2B	Z	.353	1.27
78	MP2B	Mx	-.000255	1.27
79	MP2C	X	-.611	1.27
80	MP2C	Z	.353	1.27
81	MP2C	Mx	-.000255	1.27
82	MP2A	X	-3.018	2.35
83	MP2A	Z	1.743	2.35
84	MP2A	Mx	-.002	2.35
85	MP2B	X	-3.236	2.35
86	MP2B	Z	1.868	2.35
87	MP2B	Mx	.002	2.35
88	MP2C	X	-3.977	2.35
89	MP2C	Z	2.296	2.35
90	MP2C	Mx	.000498	2.35
91	MP3A	X	-2.636	2.35
92	MP3A	Z	1.522	2.35
93	MP3A	Mx	-.002	2.35
94	MP3B	X	-2.936	2.35
95	MP3B	Z	1.695	2.35
96	MP3B	Mx	.002	2.35
97	MP3C	X	-3.962	2.35
98	MP3C	Z	2.287	2.35
99	MP3C	Mx	.000497	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.422	1.15
2	MP2A	Z	0	1.15
3	MP2A	Mx	.006	1.15
4	MP2A	X	-7.422	4.85
5	MP2A	Z	0	4.85
6	MP2A	Mx	.006	4.85
7	MP2B	X	-10.846	1.15
8	MP2B	Z	0	1.15
9	MP2B	Mx	.005	1.15
10	MP2B	X	-10.846	4.85
11	MP2B	Z	0	4.85
12	MP2B	Mx	.005	4.85
13	MP2C	X	-9.697	1.15
14	MP2C	Z	0	1.15
15	MP2C	Mx	-.01	1.15
16	MP2C	X	-9.697	4.85
17	MP2C	Z	0	4.85
18	MP2C	Mx	-.01	4.85
19	MP2A	X	-7.422	1.15
20	MP2A	Z	0	1.15
21	MP2A	Mx	.006	1.15
22	MP2A	X	-7.422	4.85

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	0	4.85
24	MP2A	Mx	.006	4.85
25	MP2B	X	-10.846	1.15
26	MP2B	Z	0	1.15
27	MP2B	Mx	-.01	1.15
28	MP2B	X	-10.846	4.85
29	MP2B	Z	0	4.85
30	MP2B	Mx	-.01	4.85
31	MP2C	X	-9.697	1.15
32	MP2C	Z	0	1.15
33	MP2C	Mx	.000896	1.15
34	MP2C	X	-9.697	4.85
35	MP2C	Z	0	4.85
36	MP2C	Mx	.000896	4.85
37	MP3A	X	-2.282	2
38	MP3A	Z	0	2
39	MP3A	Mx	.001	2
40	MP3A	X	-2.282	4
41	MP3A	Z	0	4
42	MP3A	Mx	.001	4
43	MP3B	X	-2.282	2
44	MP3B	Z	0	2
45	MP3B	Mx	.001	2
46	MP3B	X	-2.282	4
47	MP3B	Z	0	4
48	MP3B	Mx	.001	4
49	MP3C	X	-2.282	2
50	MP3C	Z	0	2
51	MP3C	Mx	.001	2
52	MP3C	X	-2.282	4
53	MP3C	Z	0	4
54	MP3C	Mx	.001	4
55	MP1A	X	-5.158	.25
56	MP1A	Z	0	.25
57	MP1A	Mx	.006	.25
58	MP1A	X	-5.158	5.75
59	MP1A	Z	0	5.75
60	MP1A	Mx	.006	5.75
61	MP1B	X	-8.895	.25
62	MP1B	Z	0	.25
63	MP1B	Mx	-.003	.25
64	MP1B	X	-8.895	5.75
65	MP1B	Z	0	5.75
66	MP1B	Mx	-.003	5.75
67	MP1C	X	-7.641	.25
68	MP1C	Z	0	.25
69	MP1C	Mx	-.005	.25
70	MP1C	X	-7.641	5.75
71	MP1C	Z	0	5.75
72	MP1C	Mx	-.005	5.75
73	MP2A	X	-.635	1.27
74	MP2A	Z	0	1.27
75	MP2A	Mx	-.000265	1.27
76	MP2B	X	-.635	1.27
77	MP2B	Z	0	1.27
78	MP2B	Mx	-.000265	1.27
79	MP2C	X	-.635	1.27

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP2C	Z	0	1.27
81	MP2C	Mx	-.000265	1.27
82	MP2A	X	-3.101	2.35
83	MP2A	Z	0	2.35
84	MP2A	Mx	-.002	2.35
85	MP2B	X	-4.459	2.35
86	MP2B	Z	0	2.35
87	MP2B	Mx	.000953	2.35
88	MP2C	X	-4.003	2.35
89	MP2C	Z	0	2.35
90	MP2C	Mx	.002	2.35
91	MP3A	X	-2.512	2.35
92	MP3A	Z	0	2.35
93	MP3A	Mx	-.002	2.35
94	MP3B	X	-4.39	2.35
95	MP3B	Z	0	2.35
96	MP3B	Mx	.000938	2.35
97	MP3C	X	-3.76	2.35
98	MP3C	Z	0	2.35
99	MP3C	Mx	.002	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.267	1.15
2	MP2A	Z	-4.196	1.15
3	MP2A	Mx	.002	1.15
4	MP2A	X	-7.267	4.85
5	MP2A	Z	-4.196	4.85
6	MP2A	Mx	.002	4.85
7	MP2B	X	-9.685	1.15
8	MP2B	Z	-5.591	1.15
9	MP2B	Mx	.01	1.15
10	MP2B	X	-9.685	4.85
11	MP2B	Z	-5.591	4.85
12	MP2B	Mx	.01	4.85
13	MP2C	X	-6.82	1.15
14	MP2C	Z	-3.938	1.15
15	MP2C	Mx	-.008	1.15
16	MP2C	X	-6.82	4.85
17	MP2C	Z	-3.938	4.85
18	MP2C	Mx	-.008	4.85
19	MP2A	X	-7.267	1.15
20	MP2A	Z	-4.196	1.15
21	MP2A	Mx	.009	1.15
22	MP2A	X	-7.267	4.85
23	MP2A	Z	-4.196	4.85
24	MP2A	Mx	.009	4.85
25	MP2B	X	-9.685	1.15
26	MP2B	Z	-5.591	1.15
27	MP2B	Mx	-.007	1.15
28	MP2B	X	-9.685	4.85
29	MP2B	Z	-5.591	4.85
30	MP2B	Mx	-.007	4.85
31	MP2C	X	-6.82	1.15
32	MP2C	Z	-3.938	1.15
33	MP2C	Mx	-.004	1.15

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP2C	X	-6.82	4.85
35	MP2C	Z	-3.938	4.85
36	MP2C	Mx	-.004	4.85
37	MP3A	X	-2.745	2
38	MP3A	Z	-1.585	2
39	MP3A	Mx	.001	2
40	MP3A	X	-2.745	4
41	MP3A	Z	-1.585	4
42	MP3A	Mx	.001	4
43	MP3B	X	-2.745	2
44	MP3B	Z	-1.585	2
45	MP3B	Mx	.001	2
46	MP3B	X	-2.745	4
47	MP3B	Z	-1.585	4
48	MP3B	Mx	.001	4
49	MP3C	X	-2.745	2
50	MP3C	Z	-1.585	2
51	MP3C	Mx	.001	2
52	MP3C	X	-2.745	4
53	MP3C	Z	-1.585	4
54	MP3C	Mx	.001	4
55	MP1A	X	-5.383	.25
56	MP1A	Z	-3.108	.25
57	MP1A	Mx	.006	.25
58	MP1A	X	-5.383	5.75
59	MP1A	Z	-3.108	5.75
60	MP1A	Mx	.006	5.75
61	MP1B	X	-8.021	.25
62	MP1B	Z	-4.631	.25
63	MP1B	Mx	.002	.25
64	MP1B	X	-8.021	5.75
65	MP1B	Z	-4.631	5.75
66	MP1B	Mx	.002	5.75
67	MP1C	X	-4.895	.25
68	MP1C	Z	-2.826	.25
69	MP1C	Mx	-.006	.25
70	MP1C	X	-4.895	5.75
71	MP1C	Z	-2.826	5.75
72	MP1C	Mx	-.006	5.75
73	MP2A	X	-.611	1.27
74	MP2A	Z	-.353	1.27
75	MP2A	Mx	-.000255	1.27
76	MP2B	X	-.611	1.27
77	MP2B	Z	-.353	1.27
78	MP2B	Mx	-.000255	1.27
79	MP2C	X	-.611	1.27
80	MP2C	Z	-.353	1.27
81	MP2C	Mx	-.000255	1.27
82	MP2A	X	-3.018	2.35
83	MP2A	Z	-1.743	2.35
84	MP2A	Mx	-.002	2.35
85	MP2B	X	-3.977	2.35
86	MP2B	Z	-2.296	2.35
87	MP2B	Mx	-.000498	2.35
88	MP2C	X	-2.841	2.35
89	MP2C	Z	-1.64	2.35
90	MP2C	Mx	.002	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP3A	X	-2.636	2.35
92	MP3A	Z	-1.522	2.35
93	MP3A	Mx	-.002	2.35
94	MP3B	X	-3.962	2.35
95	MP3B	Z	-2.287	2.35
96	MP3B	Mx	-.000496	2.35
97	MP3C	X	-2.391	2.35
98	MP3C	Z	-1.38	2.35
99	MP3C	Mx	.002	2.35

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.165	1.15
2	MP2A	Z	-8.946	1.15
3	MP2A	Mx	-.003	1.15
4	MP2A	X	-5.165	4.85
5	MP2A	Z	-8.946	4.85
6	MP2A	Mx	-.003	4.85
7	MP2B	X	-4.849	1.15
8	MP2B	Z	-8.398	1.15
9	MP2B	Mx	.01	1.15
10	MP2B	X	-4.849	4.85
11	MP2B	Z	-8.398	4.85
12	MP2B	Mx	.01	4.85
13	MP2C	X	-3.769	1.15
14	MP2C	Z	-6.528	1.15
15	MP2C	Mx	-.005	1.15
16	MP2C	X	-3.769	4.85
17	MP2C	Z	-6.528	4.85
18	MP2C	Mx	-.005	4.85
19	MP2A	X	-5.165	1.15
20	MP2A	Z	-8.946	1.15
21	MP2A	Mx	.011	1.15
22	MP2A	X	-5.165	4.85
23	MP2A	Z	-8.946	4.85
24	MP2A	Mx	.011	4.85
25	MP2B	X	-4.849	1.15
26	MP2B	Z	-8.398	1.15
27	MP2B	Mx	-.000897	1.15
28	MP2B	X	-4.849	4.85
29	MP2B	Z	-8.398	4.85
30	MP2B	Mx	-.000897	4.85
31	MP2C	X	-3.769	1.15
32	MP2C	Z	-6.528	1.15
33	MP2C	Mx	-.007	1.15
34	MP2C	X	-3.769	4.85
35	MP2C	Z	-6.528	4.85
36	MP2C	Mx	-.007	4.85
37	MP3A	X	-2.471	2
38	MP3A	Z	-4.281	2
39	MP3A	Mx	.001	2
40	MP3A	X	-2.471	4
41	MP3A	Z	-4.281	4
42	MP3A	Mx	.001	4
43	MP3B	X	-2.471	2
44	MP3B	Z	-4.281	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3B	Mx	.001	2
46	MP3B	X	-2.471	4
47	MP3B	Z	-4.281	4
48	MP3B	Mx	.001	4
49	MP3C	X	-2.471	2
50	MP3C	Z	-4.281	2
51	MP3C	Mx	.001	2
52	MP3C	X	-2.471	4
53	MP3C	Z	-4.281	4
54	MP3C	Mx	.001	4
55	MP1A	X	-4.166	.25
56	MP1A	Z	-7.215	.25
57	MP1A	Mx	.005	.25
58	MP1A	X	-4.166	5.75
59	MP1A	Z	-7.215	5.75
60	MP1A	Mx	.005	5.75
61	MP1B	X	-3.82	.25
62	MP1B	Z	-6.617	.25
63	MP1B	Mx	.005	.25
64	MP1B	X	-3.82	5.75
65	MP1B	Z	-6.617	5.75
66	MP1B	Mx	.005	5.75
67	MP1C	X	-2.643	.25
68	MP1C	Z	-4.577	.25
69	MP1C	Mx	-.006	.25
70	MP1C	X	-2.643	5.75
71	MP1C	Z	-4.577	5.75
72	MP1C	Mx	-.006	5.75
73	MP2A	X	-.424	1.27
74	MP2A	Z	-.734	1.27
75	MP2A	Mx	-.000177	1.27
76	MP2B	X	-.424	1.27
77	MP2B	Z	-.734	1.27
78	MP2B	Mx	-.000177	1.27
79	MP2C	X	-.424	1.27
80	MP2C	Z	-.734	1.27
81	MP2C	Mx	-.000177	1.27
82	MP2A	X	-2.127	2.35
83	MP2A	Z	-3.684	2.35
84	MP2A	Mx	-.001	2.35
85	MP2B	X	-2.002	2.35
86	MP2B	Z	-3.467	2.35
87	MP2B	Mx	-.002	2.35
88	MP2C	X	-1.574	2.35
89	MP2C	Z	-2.726	2.35
90	MP2C	Mx	.002	2.35
91	MP3A	X	-2.054	2.35
92	MP3A	Z	-3.557	2.35
93	MP3A	Mx	-.001	2.35
94	MP3B	X	-1.88	2.35
95	MP3B	Z	-3.256	2.35
96	MP3B	Mx	-.002	2.35
97	MP3C	X	-1.288	2.35
98	MP3C	Z	-2.231	2.35
99	MP3C	Mx	.002	2.35

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M77	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M82	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M3	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M3	Y	-250	%100

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	-6.292	-6.292	0	%100
2	M2	Y	-12.438	-12.438	0	%100
3	M3	Y	-6.292	-6.292	0	%100
4	M4	Y	-12.438	-12.438	0	%100
5	M5	Y	-6.292	-6.292	0	%100
6	M6	Y	-12.438	-12.438	0	%100
7	M7	Y	-6.984	-6.984	0	%100
8	M13	Y	-5.376	-5.376	0	%100
9	M14	Y	-5.376	-5.376	0	%100
10	M21	Y	-6.984	-6.984	0	%100
11	M27	Y	-5.376	-5.376	0	%100
12	M28	Y	-5.376	-5.376	0	%100
13	M35	Y	-6.984	-6.984	0	%100
14	M41	Y	-5.376	-5.376	0	%100
15	M42	Y	-5.376	-5.376	0	%100
16	M48	Y	-9.232	-9.232	0	%100
17	M49	Y	-9.232	-9.232	0	%100
18	M53	Y	-9.232	-9.232	0	%100
19	M54	Y	-9.232	-9.232	0	%100
20	M59	Y	-9.232	-9.232	0	%100
21	M60	Y	-9.232	-9.232	0	%100
22	M62	Y	-9.232	-9.232	0	%100
23	M64	Y	-9.232	-9.232	0	%100
24	M66	Y	-9.232	-9.232	0	%100
25	M100	Y	-4.758	-4.758	0	%100
26	M101	Y	-4.758	-4.758	0	%100
27	M102	Y	-4.758	-4.758	0	%100
28	M105	Y	-6.34	-6.34	0	%100
29	M108	Y	-6.34	-6.34	0	%100
30	M111	Y	-6.34	-6.34	0	%100
31	M134A	Y	-12.511	-12.511	0	%100
32	M135A	Y	-6.984	-6.984	0	%100
33	M136	Y	-6.984	-6.984	0	%100
34	M131A	Y	-6.984	-6.984	0	%100
35	M132A	Y	-6.984	-6.984	0	%100
36	M135B	Y	-6.984	-6.984	0	%100
37	M136A	Y	-6.984	-6.984	0	%100
38	MP1A	Y	-4.758	-4.758	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,%]
39	M97	Y	-6.292	-6.292	0	%100
40	M98	Y	-6.292	-6.292	0	%100
41	M99	Y	-6.292	-6.292	0	%100
42	M102A	Y	-12.511	-12.511	0	%100
43	M102B	Y	-12.511	-12.511	0	%100
44	M103B	Y	-12.511	-12.511	0	%100
45	M105A	Y	-12.511	-12.511	0	%100
46	M106A	Y	-12.511	-12.511	0	%100
47	MP2A	Y	-5.44	-5.44	0	%100
48	MP3A	Y	-4.758	-4.758	0	%100
49	MP4A	Y	-4.758	-4.758	0	%100
50	MP1C	Y	-4.758	-4.758	0	%100
51	MP2C	Y	-5.44	-5.44	0	%100
52	MP3C	Y	-4.758	-4.758	0	%100
53	MP4C	Y	-4.758	-4.758	0	%100
54	MP1B	Y	-4.758	-4.758	0	%100
55	MP2B	Y	-5.44	-5.44	0	%100
56	MP3B	Y	-4.758	-4.758	0	%100
57	MP4B	Y	-4.758	-4.758	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-3.252	-3.252	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-24.214	-24.214	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-13.006	-13.006	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-3.252	-3.252	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-24.214	-24.214	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-16.861	-16.861	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	-2.943	-2.943	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	-2.943	-2.943	0	%100
19	M21	X	0	0	0	%100
20	M21	Z	-4.215	-4.215	0	%100
21	M27	X	0	0	0	%100
22	M27	Z	-2.943	-2.943	0	%100
23	M28	X	0	0	0	%100
24	M28	Z	-11.77	-11.77	0	%100
25	M35	X	0	0	0	%100
26	M35	Z	-4.215	-4.215	0	%100
27	M41	X	0	0	0	%100
28	M41	Z	-11.77	-11.77	0	%100
29	M42	X	0	0	0	%100
30	M42	Z	-2.943	-2.943	0	%100
31	M48	X	0	0	0	%100
32	M48	Z	-3.233	-3.233	0	%100
33	M49	X	0	0	0	%100
34	M49	Z	-18.803	-18.803	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
35	M53	X	0	0	0	%100
36	M53	Z	-6.442	-6.442	0	%100
37	M54	X	0	0	0	%100
38	M54	Z	-6.442	-6.442	0	%100
39	M59	X	0	0	0	%100
40	M59	Z	-18.803	-18.803	0	%100
41	M60	X	0	0	0	%100
42	M60	Z	-3.233	-3.233	0	%100
43	M62	X	0	0	0	%100
44	M62	Z	-7.246	-7.246	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	-.567	-.567	0	%100
47	M66	X	0	0	0	%100
48	M66	Z	-11.867	-11.867	0	%100
49	M100	X	0	0	0	%100
50	M100	Z	-2.396	-2.396	0	%100
51	M101	X	0	0	0	%100
52	M101	Z	-9.585	-9.585	0	%100
53	M102	X	0	0	0	%100
54	M102	Z	-2.396	-2.396	0	%100
55	M105	X	0	0	0	%100
56	M105	Z	-10.442	-10.442	0	%100
57	M108	X	0	0	0	%100
58	M108	Z	-2.611	-2.611	0	%100
59	M111	X	0	0	0	%100
60	M111	Z	-2.611	-2.611	0	%100
61	M134A	X	0	0	0	%100
62	M134A	Z	-4.036	-4.036	0	%100
63	M135A	X	0	0	0	%100
64	M135A	Z	-4.036	-4.036	0	%100
65	M136	X	0	0	0	%100
66	M136	Z	-4.036	-4.036	0	%100
67	M131A	X	0	0	0	%100
68	M131A	Z	-16.142	-16.142	0	%100
69	M132A	X	0	0	0	%100
70	M132A	Z	-16.142	-16.142	0	%100
71	M135B	X	0	0	0	%100
72	M135B	Z	-4.036	-4.036	0	%100
73	M136A	X	0	0	0	%100
74	M136A	Z	-4.036	-4.036	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	-9.585	-9.585	0	%100
77	M97	X	0	0	0	%100
78	M97	Z	-3.252	-3.252	0	%100
79	M98	X	0	0	0	%100
80	M98	Z	-13.006	-13.006	0	%100
81	M99	X	0	0	0	%100
82	M99	Z	-3.252	-3.252	0	%100
83	M102A	X	0	0	0	%100
84	M102A	Z	-4.208	-4.208	0	%100
85	M102B	X	0	0	0	%100
86	M102B	Z	-16.142	-16.142	0	%100
87	M103B	X	0	0	0	%100
88	M103B	Z	-16.832	-16.832	0	%100
89	M105A	X	0	0	0	%100
90	M105A	Z	-4.036	-4.036	0	%100
91	M106A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
92	M106A	Z	-4.208	-4.208	0	%100
93	MP2A	X	0	0	0	%100
94	MP2A	Z	-11.602	-11.602	0	%100
95	MP3A	X	0	0	0	%100
96	MP3A	Z	-9.585	-9.585	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	-9.585	-9.585	0	%100
99	MP1C	X	0	0	0	%100
100	MP1C	Z	-9.585	-9.585	0	%100
101	MP2C	X	0	0	0	%100
102	MP2C	Z	-11.602	-11.602	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	-9.585	-9.585	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	-9.585	-9.585	0	%100
107	MP1B	X	0	0	0	%100
108	MP1B	Z	-9.585	-9.585	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	-11.602	-11.602	0	%100
111	MP3B	X	0	0	0	%100
112	MP3B	Z	-9.585	-9.585	0	%100
113	MP4B	X	0	0	0	%100
114	MP4B	Z	-9.585	-9.585	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	16.142	16.142	0	%100
4	M2	Z	-27.959	-27.959	0	%100
5	M3	X	4.877	4.877	0	%100
6	M3	Z	-8.448	-8.448	0	%100
7	M4	X	4.036	4.036	0	%100
8	M4	Z	-6.99	-6.99	0	%100
9	M5	X	4.877	4.877	0	%100
10	M5	Z	-8.448	-8.448	0	%100
11	M6	X	4.036	4.036	0	%100
12	M6	Z	-6.99	-6.99	0	%100
13	M7	X	6.323	6.323	0	%100
14	M7	Z	-10.952	-10.952	0	%100
15	M13	X	4.414	4.414	0	%100
16	M13	Z	-7.645	-7.645	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	0	0	0	%100
19	M21	X	6.323	6.323	0	%100
20	M21	Z	-10.952	-10.952	0	%100
21	M27	X	0	0	0	%100
22	M27	Z	0	0	0	%100
23	M28	X	4.414	4.414	0	%100
24	M28	Z	-7.645	-7.645	0	%100
25	M35	X	0	0	0	%100
26	M35	Z	0	0	0	%100
27	M41	X	4.414	4.414	0	%100
28	M41	Z	-7.645	-7.645	0	%100
29	M42	X	4.414	4.414	0	%100
30	M42	Z	-7.645	-7.645	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,%]
31	M48	X	6.271	6.271	0	%100
32	M48	Z	-10.863	-10.863	0	%100
33	M49	X	6.272	6.272	0	%100
34	M49	Z	-10.863	-10.863	0	%100
35	M53	X	.091	.091	0	%100
36	M53	Z	-.158	-.158	0	%100
37	M54	X	7.876	7.876	0	%100
38	M54	Z	-13.642	-13.642	0	%100
39	M59	X	7.876	7.876	0	%100
40	M59	Z	-13.642	-13.642	0	%100
41	M60	X	.091	.091	0	%100
42	M60	Z	-.158	-.158	0	%100
43	M62	X	6.277	6.277	0	%100
44	M62	Z	-10.871	-10.871	0	%100
45	M64	X	.626	.626	0	%100
46	M64	Z	-1.085	-1.085	0	%100
47	M66	X	2.937	2.937	0	%100
48	M66	Z	-5.087	-5.087	0	%100
49	M100	X	0	0	0	%100
50	M100	Z	0	0	0	%100
51	M101	X	3.594	3.594	0	%100
52	M101	Z	-6.225	-6.225	0	%100
53	M102	X	3.594	3.594	0	%100
54	M102	Z	-6.225	-6.225	0	%100
55	M105	X	3.916	3.916	0	%100
56	M105	Z	-6.782	-6.782	0	%100
57	M108	X	3.916	3.916	0	%100
58	M108	Z	-6.782	-6.782	0	%100
59	M111	X	0	0	0	%100
60	M111	Z	0	0	0	%100
61	M134A	X	0	0	0	%100
62	M134A	Z	0	0	0	%100
63	M135A	X	0	0	0	%100
64	M135A	Z	0	0	0	%100
65	M136	X	0	0	0	%100
66	M136	Z	0	0	0	%100
67	M131A	X	6.053	6.053	0	%100
68	M131A	Z	-10.485	-10.485	0	%100
69	M132A	X	6.053	6.053	0	%100
70	M132A	Z	-10.485	-10.485	0	%100
71	M135B	X	6.053	6.053	0	%100
72	M135B	Z	-10.485	-10.485	0	%100
73	M136A	X	6.053	6.053	0	%100
74	M136A	Z	-10.485	-10.485	0	%100
75	MP1A	X	4.792	4.792	0	%100
76	MP1A	Z	-8.3	-8.3	0	%100
77	M97	X	0	0	0	%100
78	M97	Z	0	0	0	%100
79	M98	X	4.877	4.877	0	%100
80	M98	Z	-8.448	-8.448	0	%100
81	M99	X	4.877	4.877	0	%100
82	M99	Z	-8.448	-8.448	0	%100
83	M102A	X	0	0	0	%100
84	M102A	Z	0	0	0	%100
85	M102B	X	6.053	6.053	0	%100
86	M102B	Z	-10.485	-10.485	0	%100
87	M103B	X	6.312	6.312	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,%]
88	M103B	Z	-10.933	-10.933	0	%100
89	M105A	X	6.053	6.053	0	%100
90	M105A	Z	-10.485	-10.485	0	%100
91	M106A	X	6.312	6.312	0	%100
92	M106A	Z	-10.933	-10.933	0	%100
93	MP2A	X	5.801	5.801	0	%100
94	MP2A	Z	-10.048	-10.048	0	%100
95	MP3A	X	4.792	4.792	0	%100
96	MP3A	Z	-8.3	-8.3	0	%100
97	MP4A	X	4.792	4.792	0	%100
98	MP4A	Z	-8.3	-8.3	0	%100
99	MP1C	X	4.792	4.792	0	%100
100	MP1C	Z	-8.3	-8.3	0	%100
101	MP2C	X	5.801	5.801	0	%100
102	MP2C	Z	-10.048	-10.048	0	%100
103	MP3C	X	4.792	4.792	0	%100
104	MP3C	Z	-8.3	-8.3	0	%100
105	MP4C	X	4.792	4.792	0	%100
106	MP4C	Z	-8.3	-8.3	0	%100
107	MP1B	X	4.792	4.792	0	%100
108	MP1B	Z	-8.3	-8.3	0	%100
109	MP2B	X	5.801	5.801	0	%100
110	MP2B	Z	-10.048	-10.048	0	%100
111	MP3B	X	4.792	4.792	0	%100
112	MP3B	Z	-8.3	-8.3	0	%100
113	MP4B	X	4.792	4.792	0	%100
114	MP4B	Z	-8.3	-8.3	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	2.816	2.816	0	%100
2	M1	Z	-1.626	-1.626	0	%100
3	M2	X	20.97	20.97	0	%100
4	M2	Z	-12.107	-12.107	0	%100
5	M3	X	2.816	2.816	0	%100
6	M3	Z	-1.626	-1.626	0	%100
7	M4	X	20.97	20.97	0	%100
8	M4	Z	-12.107	-12.107	0	%100
9	M5	X	11.264	11.264	0	%100
10	M5	Z	-6.503	-6.503	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	3.651	3.651	0	%100
14	M7	Z	-2.108	-2.108	0	%100
15	M13	X	10.194	10.194	0	%100
16	M13	Z	-5.885	-5.885	0	%100
17	M14	X	2.548	2.548	0	%100
18	M14	Z	-1.471	-1.471	0	%100
19	M21	X	14.602	14.602	0	%100
20	M21	Z	-8.431	-8.431	0	%100
21	M27	X	2.548	2.548	0	%100
22	M27	Z	-1.471	-1.471	0	%100
23	M28	X	2.548	2.548	0	%100
24	M28	Z	-1.471	-1.471	0	%100
25	M35	X	3.651	3.651	0	%100
26	M35	Z	-2.108	-2.108	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,%]
27	M41	X	2.548	2.548	0	%100
28	M41	Z	-1.471	-1.471	0	%100
29	M42	X	10.194	10.194	0	%100
30	M42	Z	-5.885	-5.885	0	%100
31	M48	X	16.284	16.284	0	%100
32	M48	Z	-9.401	-9.401	0	%100
33	M49	X	2.8	2.8	0	%100
34	M49	Z	-1.617	-1.617	0	%100
35	M53	X	2.8	2.8	0	%100
36	M53	Z	-1.616	-1.616	0	%100
37	M54	X	16.284	16.284	0	%100
38	M54	Z	-9.401	-9.401	0	%100
39	M59	X	5.579	5.579	0	%100
40	M59	Z	-3.221	-3.221	0	%100
41	M60	X	5.579	5.579	0	%100
42	M60	Z	-3.221	-3.221	0	%100
43	M62	X	10.278	10.278	0	%100
44	M62	Z	-5.934	-5.934	0	%100
45	M64	X	6.275	6.275	0	%100
46	M64	Z	-3.623	-3.623	0	%100
47	M66	X	.491	.491	0	%100
48	M66	Z	-.284	-.284	0	%100
49	M100	X	2.075	2.075	0	%100
50	M100	Z	-1.198	-1.198	0	%100
51	M101	X	2.075	2.075	0	%100
52	M101	Z	-1.198	-1.198	0	%100
53	M102	X	8.3	8.3	0	%100
54	M102	Z	-4.792	-4.792	0	%100
55	M105	X	2.261	2.261	0	%100
56	M105	Z	-1.305	-1.305	0	%100
57	M108	X	9.043	9.043	0	%100
58	M108	Z	-5.221	-5.221	0	%100
59	M111	X	2.261	2.261	0	%100
60	M111	Z	-1.305	-1.305	0	%100
61	M134A	X	3.495	3.495	0	%100
62	M134A	Z	-2.018	-2.018	0	%100
63	M135A	X	3.495	3.495	0	%100
64	M135A	Z	-2.018	-2.018	0	%100
65	M136	X	3.495	3.495	0	%100
66	M136	Z	-2.018	-2.018	0	%100
67	M131A	X	3.495	3.495	0	%100
68	M131A	Z	-2.018	-2.018	0	%100
69	M132A	X	3.495	3.495	0	%100
70	M132A	Z	-2.018	-2.018	0	%100
71	M135B	X	13.98	13.98	0	%100
72	M135B	Z	-8.071	-8.071	0	%100
73	M136A	X	13.98	13.98	0	%100
74	M136A	Z	-8.071	-8.071	0	%100
75	MP1A	X	8.3	8.3	0	%100
76	MP1A	Z	-4.792	-4.792	0	%100
77	M97	X	2.816	2.816	0	%100
78	M97	Z	-1.626	-1.626	0	%100
79	M98	X	2.816	2.816	0	%100
80	M98	Z	-1.626	-1.626	0	%100
81	M99	X	11.264	11.264	0	%100
82	M99	Z	-6.503	-6.503	0	%100
83	M102A	X	3.644	3.644	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,%]
84	M102A	Z	-2.104	-2.104	0	%100
85	M102B	X	3.495	3.495	0	%100
86	M102B	Z	-2.018	-2.018	0	%100
87	M103B	X	3.644	3.644	0	%100
88	M103B	Z	-2.104	-2.104	0	%100
89	M105A	X	13.98	13.98	0	%100
90	M105A	Z	-8.071	-8.071	0	%100
91	M106A	X	14.577	14.577	0	%100
92	M106A	Z	-8.416	-8.416	0	%100
93	MP2A	X	10.048	10.048	0	%100
94	MP2A	Z	-5.801	-5.801	0	%100
95	MP3A	X	8.3	8.3	0	%100
96	MP3A	Z	-4.792	-4.792	0	%100
97	MP4A	X	8.3	8.3	0	%100
98	MP4A	Z	-4.792	-4.792	0	%100
99	MP1C	X	8.3	8.3	0	%100
100	MP1C	Z	-4.792	-4.792	0	%100
101	MP2C	X	10.048	10.048	0	%100
102	MP2C	Z	-5.801	-5.801	0	%100
103	MP3C	X	8.3	8.3	0	%100
104	MP3C	Z	-4.792	-4.792	0	%100
105	MP4C	X	8.3	8.3	0	%100
106	MP4C	Z	-4.792	-4.792	0	%100
107	MP1B	X	8.3	8.3	0	%100
108	MP1B	Z	-4.792	-4.792	0	%100
109	MP2B	X	10.048	10.048	0	%100
110	MP2B	Z	-5.801	-5.801	0	%100
111	MP3B	X	8.3	8.3	0	%100
112	MP3B	Z	-4.792	-4.792	0	%100
113	MP4B	X	8.3	8.3	0	%100
114	MP4B	Z	-4.792	-4.792	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	9.755	9.755	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	8.071	8.071	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	32.285	32.285	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	9.755	9.755	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	8.071	8.071	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M13	X	8.828	8.828	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	8.828	8.828	0	%100
18	M14	Z	0	0	0	%100
19	M21	X	12.646	12.646	0	%100
20	M21	Z	0	0	0	%100
21	M27	X	8.828	8.828	0	%100
22	M27	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,%]
23	M28	X	0	0	0	%100
24	M28	Z	0	0	0	%100
25	M35	X	12.646	12.646	0	%100
26	M35	Z	0	0	0	%100
27	M41	X	0	0	0	%100
28	M41	Z	0	0	0	%100
29	M42	X	8.828	8.828	0	%100
30	M42	Z	0	0	0	%100
31	M48	X	15.752	15.752	0	%100
32	M48	Z	0	0	0	%100
33	M49	X	.183	.183	0	%100
34	M49	Z	0	0	0	%100
35	M53	X	12.543	12.543	0	%100
36	M53	Z	0	0	0	%100
37	M54	X	12.543	12.543	0	%100
38	M54	Z	0	0	0	%100
39	M59	X	.183	.183	0	%100
40	M59	Z	0	0	0	%100
41	M60	X	15.752	15.752	0	%100
42	M60	Z	0	0	0	%100
43	M62	X	5.874	5.874	0	%100
44	M62	Z	0	0	0	%100
45	M64	X	12.553	12.553	0	%100
46	M64	Z	0	0	0	%100
47	M66	X	1.253	1.253	0	%100
48	M66	Z	0	0	0	%100
49	M100	X	7.188	7.188	0	%100
50	M100	Z	0	0	0	%100
51	M101	X	0	0	0	%100
52	M101	Z	0	0	0	%100
53	M102	X	7.188	7.188	0	%100
54	M102	Z	0	0	0	%100
55	M105	X	0	0	0	%100
56	M105	Z	0	0	0	%100
57	M108	X	7.832	7.832	0	%100
58	M108	Z	0	0	0	%100
59	M111	X	7.832	7.832	0	%100
60	M111	Z	0	0	0	%100
61	M134A	X	12.107	12.107	0	%100
62	M134A	Z	0	0	0	%100
63	M135A	X	12.107	12.107	0	%100
64	M135A	Z	0	0	0	%100
65	M136	X	12.107	12.107	0	%100
66	M136	Z	0	0	0	%100
67	M131A	X	0	0	0	%100
68	M131A	Z	0	0	0	%100
69	M132A	X	0	0	0	%100
70	M132A	Z	0	0	0	%100
71	M135B	X	12.107	12.107	0	%100
72	M135B	Z	0	0	0	%100
73	M136A	X	12.107	12.107	0	%100
74	M136A	Z	0	0	0	%100
75	MP1A	X	9.585	9.585	0	%100
76	MP1A	Z	0	0	0	%100
77	M97	X	9.755	9.755	0	%100
78	M97	Z	0	0	0	%100
79	M98	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,%]
80	M98	Z	0	0	0	%100
81	M99	X	9.755	9.755	0	%100
82	M99	Z	0	0	0	%100
83	M102A	X	12.624	12.624	0	%100
84	M102A	Z	0	0	0	%100
85	M102B	X	0	0	0	%100
86	M102B	Z	0	0	0	%100
87	M103B	X	0	0	0	%100
88	M103B	Z	0	0	0	%100
89	M105A	X	12.107	12.107	0	%100
90	M105A	Z	0	0	0	%100
91	M106A	X	12.624	12.624	0	%100
92	M106A	Z	0	0	0	%100
93	MP2A	X	11.602	11.602	0	%100
94	MP2A	Z	0	0	0	%100
95	MP3A	X	9.585	9.585	0	%100
96	MP3A	Z	0	0	0	%100
97	MP4A	X	9.585	9.585	0	%100
98	MP4A	Z	0	0	0	%100
99	MP1C	X	9.585	9.585	0	%100
100	MP1C	Z	0	0	0	%100
101	MP2C	X	11.602	11.602	0	%100
102	MP2C	Z	0	0	0	%100
103	MP3C	X	9.585	9.585	0	%100
104	MP3C	Z	0	0	0	%100
105	MP4C	X	9.585	9.585	0	%100
106	MP4C	Z	0	0	0	%100
107	MP1B	X	9.585	9.585	0	%100
108	MP1B	Z	0	0	0	%100
109	MP2B	X	11.602	11.602	0	%100
110	MP2B	Z	0	0	0	%100
111	MP3B	X	9.585	9.585	0	%100
112	MP3B	Z	0	0	0	%100
113	MP4B	X	9.585	9.585	0	%100
114	MP4B	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	11.264	11.264	0	%100
2	M1	Z	6.503	6.503	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	2.816	2.816	0	%100
6	M3	Z	1.626	1.626	0	%100
7	M4	X	20.97	20.97	0	%100
8	M4	Z	12.107	12.107	0	%100
9	M5	X	2.816	2.816	0	%100
10	M5	Z	1.626	1.626	0	%100
11	M6	X	20.97	20.97	0	%100
12	M6	Z	12.107	12.107	0	%100
13	M7	X	3.651	3.651	0	%100
14	M7	Z	2.108	2.108	0	%100
15	M13	X	2.548	2.548	0	%100
16	M13	Z	1.471	1.471	0	%100
17	M14	X	10.194	10.194	0	%100
18	M14	Z	5.885	5.885	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,%]
19	M21	X	3.651	3.651	0	%100
20	M21	Z	2.108	2.108	0	%100
21	M27	X	10.194	10.194	0	%100
22	M27	Z	5.885	5.885	0	%100
23	M28	X	2.548	2.548	0	%100
24	M28	Z	1.471	1.471	0	%100
25	M35	X	14.602	14.602	0	%100
26	M35	Z	8.431	8.431	0	%100
27	M41	X	2.548	2.548	0	%100
28	M41	Z	1.471	1.471	0	%100
29	M42	X	2.548	2.548	0	%100
30	M42	Z	1.471	1.471	0	%100
31	M48	X	5.579	5.579	0	%100
32	M48	Z	3.221	3.221	0	%100
33	M49	X	5.579	5.579	0	%100
34	M49	Z	3.221	3.221	0	%100
35	M53	X	16.284	16.284	0	%100
36	M53	Z	9.401	9.401	0	%100
37	M54	X	2.8	2.8	0	%100
38	M54	Z	1.617	1.617	0	%100
39	M59	X	2.8	2.8	0	%100
40	M59	Z	1.616	1.616	0	%100
41	M60	X	16.284	16.284	0	%100
42	M60	Z	9.401	9.401	0	%100
43	M62	X	.491	.491	0	%100
44	M62	Z	.284	.284	0	%100
45	M64	X	10.278	10.278	0	%100
46	M64	Z	5.934	5.934	0	%100
47	M66	X	6.275	6.275	0	%100
48	M66	Z	3.623	3.623	0	%100
49	M100	X	8.3	8.3	0	%100
50	M100	Z	4.792	4.792	0	%100
51	M101	X	2.075	2.075	0	%100
52	M101	Z	1.198	1.198	0	%100
53	M102	X	2.075	2.075	0	%100
54	M102	Z	1.198	1.198	0	%100
55	M105	X	2.261	2.261	0	%100
56	M105	Z	1.305	1.305	0	%100
57	M108	X	2.261	2.261	0	%100
58	M108	Z	1.305	1.305	0	%100
59	M111	X	9.043	9.043	0	%100
60	M111	Z	5.221	5.221	0	%100
61	M134A	X	13.98	13.98	0	%100
62	M134A	Z	8.071	8.071	0	%100
63	M135A	X	13.98	13.98	0	%100
64	M135A	Z	8.071	8.071	0	%100
65	M136	X	13.98	13.98	0	%100
66	M136	Z	8.071	8.071	0	%100
67	M131A	X	3.495	3.495	0	%100
68	M131A	Z	2.018	2.018	0	%100
69	M132A	X	3.495	3.495	0	%100
70	M132A	Z	2.018	2.018	0	%100
71	M135B	X	3.495	3.495	0	%100
72	M135B	Z	2.018	2.018	0	%100
73	M136A	X	3.495	3.495	0	%100
74	M136A	Z	2.018	2.018	0	%100
75	MP1A	X	8.3	8.3	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,%]
76	MP1A	Z	4.792	4.792	0	%100
77	M97	X	11.264	11.264	0	%100
78	M97	Z	6.503	6.503	0	%100
79	M98	X	2.816	2.816	0	%100
80	M98	Z	1.626	1.626	0	%100
81	M99	X	2.816	2.816	0	%100
82	M99	Z	1.626	1.626	0	%100
83	M102A	X	14.577	14.577	0	%100
84	M102A	Z	8.416	8.416	0	%100
85	M102B	X	3.495	3.495	0	%100
86	M102B	Z	2.018	2.018	0	%100
87	M103B	X	3.644	3.644	0	%100
88	M103B	Z	2.104	2.104	0	%100
89	M105A	X	3.495	3.495	0	%100
90	M105A	Z	2.018	2.018	0	%100
91	M106A	X	3.644	3.644	0	%100
92	M106A	Z	2.104	2.104	0	%100
93	MP2A	X	10.048	10.048	0	%100
94	MP2A	Z	5.801	5.801	0	%100
95	MP3A	X	8.3	8.3	0	%100
96	MP3A	Z	4.792	4.792	0	%100
97	MP4A	X	8.3	8.3	0	%100
98	MP4A	Z	4.792	4.792	0	%100
99	MP1C	X	8.3	8.3	0	%100
100	MP1C	Z	4.792	4.792	0	%100
101	MP2C	X	10.048	10.048	0	%100
102	MP2C	Z	5.801	5.801	0	%100
103	MP3C	X	8.3	8.3	0	%100
104	MP3C	Z	4.792	4.792	0	%100
105	MP4C	X	8.3	8.3	0	%100
106	MP4C	Z	4.792	4.792	0	%100
107	MP1B	X	8.3	8.3	0	%100
108	MP1B	Z	4.792	4.792	0	%100
109	MP2B	X	10.048	10.048	0	%100
110	MP2B	Z	5.801	5.801	0	%100
111	MP3B	X	8.3	8.3	0	%100
112	MP3B	Z	4.792	4.792	0	%100
113	MP4B	X	8.3	8.3	0	%100
114	MP4B	Z	4.792	4.792	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	4.877	4.877	0	%100
2	M1	Z	8.448	8.448	0	%100
3	M2	X	4.036	4.036	0	%100
4	M2	Z	6.99	6.99	0	%100
5	M3	X	4.877	4.877	0	%100
6	M3	Z	8.448	8.448	0	%100
7	M4	X	4.036	4.036	0	%100
8	M4	Z	6.99	6.99	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	16.142	16.142	0	%100
12	M6	Z	27.959	27.959	0	%100
13	M7	X	6.323	6.323	0	%100
14	M7	Z	10.952	10.952	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,%]
15	M13	X	0	0	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	4.414	4.414	0	%100
18	M14	Z	7.645	7.645	0	%100
19	M21	X	0	0	0	%100
20	M21	Z	0	0	0	%100
21	M27	X	4.414	4.414	0	%100
22	M27	Z	7.645	7.645	0	%100
23	M28	X	4.414	4.414	0	%100
24	M28	Z	7.645	7.645	0	%100
25	M35	X	6.323	6.323	0	%100
26	M35	Z	10.952	10.952	0	%100
27	M41	X	4.414	4.414	0	%100
28	M41	Z	7.645	7.645	0	%100
29	M42	X	0	0	0	%100
30	M42	Z	0	0	0	%100
31	M48	X	.091	.091	0	%100
32	M48	Z	.158	.158	0	%100
33	M49	X	7.876	7.876	0	%100
34	M49	Z	13.642	13.642	0	%100
35	M53	X	7.876	7.876	0	%100
36	M53	Z	13.642	13.642	0	%100
37	M54	X	.091	.091	0	%100
38	M54	Z	.158	.158	0	%100
39	M59	X	6.271	6.271	0	%100
40	M59	Z	10.863	10.863	0	%100
41	M60	X	6.272	6.272	0	%100
42	M60	Z	10.863	10.863	0	%100
43	M62	X	.626	.626	0	%100
44	M62	Z	1.085	1.085	0	%100
45	M64	X	2.937	2.937	0	%100
46	M64	Z	5.087	5.087	0	%100
47	M66	X	6.277	6.277	0	%100
48	M66	Z	10.871	10.871	0	%100
49	M100	X	3.594	3.594	0	%100
50	M100	Z	6.225	6.225	0	%100
51	M101	X	3.594	3.594	0	%100
52	M101	Z	6.225	6.225	0	%100
53	M102	X	0	0	0	%100
54	M102	Z	0	0	0	%100
55	M105	X	3.916	3.916	0	%100
56	M105	Z	6.782	6.782	0	%100
57	M108	X	0	0	0	%100
58	M108	Z	0	0	0	%100
59	M111	X	3.916	3.916	0	%100
60	M111	Z	6.782	6.782	0	%100
61	M134A	X	6.053	6.053	0	%100
62	M134A	Z	10.485	10.485	0	%100
63	M135A	X	6.053	6.053	0	%100
64	M135A	Z	10.485	10.485	0	%100
65	M136	X	6.053	6.053	0	%100
66	M136	Z	10.485	10.485	0	%100
67	M131A	X	6.053	6.053	0	%100
68	M131A	Z	10.485	10.485	0	%100
69	M132A	X	6.053	6.053	0	%100
70	M132A	Z	10.485	10.485	0	%100
71	M135B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
72	M135B	Z	0	0	0	%100
73	M136A	X	0	0	0	%100
74	M136A	Z	0	0	0	%100
75	MP1A	X	4.792	4.792	0	%100
76	MP1A	Z	8.3	8.3	0	%100
77	M97	X	4.877	4.877	0	%100
78	M97	Z	8.448	8.448	0	%100
79	M98	X	4.877	4.877	0	%100
80	M98	Z	8.448	8.448	0	%100
81	M99	X	0	0	0	%100
82	M99	Z	0	0	0	%100
83	M102A	X	6.312	6.312	0	%100
84	M102A	Z	10.933	10.933	0	%100
85	M102B	X	6.053	6.053	0	%100
86	M102B	Z	10.485	10.485	0	%100
87	M103B	X	6.312	6.312	0	%100
88	M103B	Z	10.933	10.933	0	%100
89	M105A	X	0	0	0	%100
90	M105A	Z	0	0	0	%100
91	M106A	X	0	0	0	%100
92	M106A	Z	0	0	0	%100
93	MP2A	X	5.801	5.801	0	%100
94	MP2A	Z	10.048	10.048	0	%100
95	MP3A	X	4.792	4.792	0	%100
96	MP3A	Z	8.3	8.3	0	%100
97	MP4A	X	4.792	4.792	0	%100
98	MP4A	Z	8.3	8.3	0	%100
99	MP1C	X	4.792	4.792	0	%100
100	MP1C	Z	8.3	8.3	0	%100
101	MP2C	X	5.801	5.801	0	%100
102	MP2C	Z	10.048	10.048	0	%100
103	MP3C	X	4.792	4.792	0	%100
104	MP3C	Z	8.3	8.3	0	%100
105	MP4C	X	4.792	4.792	0	%100
106	MP4C	Z	8.3	8.3	0	%100
107	MP1B	X	4.792	4.792	0	%100
108	MP1B	Z	8.3	8.3	0	%100
109	MP2B	X	5.801	5.801	0	%100
110	MP2B	Z	10.048	10.048	0	%100
111	MP3B	X	4.792	4.792	0	%100
112	MP3B	Z	8.3	8.3	0	%100
113	MP4B	X	4.792	4.792	0	%100
114	MP4B	Z	8.3	8.3	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	3.252	3.252	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	24.214	24.214	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	13.006	13.006	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	3.252	3.252	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,%]
11	M6	X	0	0	0	%100
12	M6	Z	24.214	24.214	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	16.861	16.861	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	2.943	2.943	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	2.943	2.943	0	%100
19	M21	X	0	0	0	%100
20	M21	Z	4.215	4.215	0	%100
21	M27	X	0	0	0	%100
22	M27	Z	2.943	2.943	0	%100
23	M28	X	0	0	0	%100
24	M28	Z	11.77	11.77	0	%100
25	M35	X	0	0	0	%100
26	M35	Z	4.215	4.215	0	%100
27	M41	X	0	0	0	%100
28	M41	Z	11.77	11.77	0	%100
29	M42	X	0	0	0	%100
30	M42	Z	2.943	2.943	0	%100
31	M48	X	0	0	0	%100
32	M48	Z	3.233	3.233	0	%100
33	M49	X	0	0	0	%100
34	M49	Z	18.803	18.803	0	%100
35	M53	X	0	0	0	%100
36	M53	Z	6.442	6.442	0	%100
37	M54	X	0	0	0	%100
38	M54	Z	6.442	6.442	0	%100
39	M59	X	0	0	0	%100
40	M59	Z	18.803	18.803	0	%100
41	M60	X	0	0	0	%100
42	M60	Z	3.233	3.233	0	%100
43	M62	X	0	0	0	%100
44	M62	Z	7.246	7.246	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	.567	.567	0	%100
47	M66	X	0	0	0	%100
48	M66	Z	11.867	11.867	0	%100
49	M100	X	0	0	0	%100
50	M100	Z	2.396	2.396	0	%100
51	M101	X	0	0	0	%100
52	M101	Z	9.585	9.585	0	%100
53	M102	X	0	0	0	%100
54	M102	Z	2.396	2.396	0	%100
55	M105	X	0	0	0	%100
56	M105	Z	10.442	10.442	0	%100
57	M108	X	0	0	0	%100
58	M108	Z	2.611	2.611	0	%100
59	M111	X	0	0	0	%100
60	M111	Z	2.611	2.611	0	%100
61	M134A	X	0	0	0	%100
62	M134A	Z	4.036	4.036	0	%100
63	M135A	X	0	0	0	%100
64	M135A	Z	4.036	4.036	0	%100
65	M136	X	0	0	0	%100
66	M136	Z	4.036	4.036	0	%100
67	M131A	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,%]
68	M131A	Z	16.142	16.142	0	%100
69	M132A	X	0	0	0	%100
70	M132A	Z	16.142	16.142	0	%100
71	M135B	X	0	0	0	%100
72	M135B	Z	4.036	4.036	0	%100
73	M136A	X	0	0	0	%100
74	M136A	Z	4.036	4.036	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	9.585	9.585	0	%100
77	M97	X	0	0	0	%100
78	M97	Z	3.252	3.252	0	%100
79	M98	X	0	0	0	%100
80	M98	Z	13.006	13.006	0	%100
81	M99	X	0	0	0	%100
82	M99	Z	3.252	3.252	0	%100
83	M102A	X	0	0	0	%100
84	M102A	Z	4.208	4.208	0	%100
85	M102B	X	0	0	0	%100
86	M102B	Z	16.142	16.142	0	%100
87	M103B	X	0	0	0	%100
88	M103B	Z	16.832	16.832	0	%100
89	M105A	X	0	0	0	%100
90	M105A	Z	4.036	4.036	0	%100
91	M106A	X	0	0	0	%100
92	M106A	Z	4.208	4.208	0	%100
93	MP2A	X	0	0	0	%100
94	MP2A	Z	11.602	11.602	0	%100
95	MP3A	X	0	0	0	%100
96	MP3A	Z	9.585	9.585	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	9.585	9.585	0	%100
99	MP1C	X	0	0	0	%100
100	MP1C	Z	9.585	9.585	0	%100
101	MP2C	X	0	0	0	%100
102	MP2C	Z	11.602	11.602	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	9.585	9.585	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	9.585	9.585	0	%100
107	MP1B	X	0	0	0	%100
108	MP1B	Z	9.585	9.585	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	11.602	11.602	0	%100
111	MP3B	X	0	0	0	%100
112	MP3B	Z	9.585	9.585	0	%100
113	MP4B	X	0	0	0	%100
114	MP4B	Z	9.585	9.585	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-16.142	-16.142	0	%100
4	M2	Z	27.959	27.959	0	%100
5	M3	X	-4.877	-4.877	0	%100
6	M3	Z	8.448	8.448	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,%]
7	M4	X	-4.036	-4.036	0	%100
8	M4	Z	6.99	6.99	0	%100
9	M5	X	-4.877	-4.877	0	%100
10	M5	Z	8.448	8.448	0	%100
11	M6	X	-4.036	-4.036	0	%100
12	M6	Z	6.99	6.99	0	%100
13	M7	X	-6.323	-6.323	0	%100
14	M7	Z	10.952	10.952	0	%100
15	M13	X	-4.414	-4.414	0	%100
16	M13	Z	7.645	7.645	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	0	0	0	%100
19	M21	X	-6.323	-6.323	0	%100
20	M21	Z	10.952	10.952	0	%100
21	M27	X	0	0	0	%100
22	M27	Z	0	0	0	%100
23	M28	X	-4.414	-4.414	0	%100
24	M28	Z	7.645	7.645	0	%100
25	M35	X	0	0	0	%100
26	M35	Z	0	0	0	%100
27	M41	X	-4.414	-4.414	0	%100
28	M41	Z	7.645	7.645	0	%100
29	M42	X	-4.414	-4.414	0	%100
30	M42	Z	7.645	7.645	0	%100
31	M48	X	-6.271	-6.271	0	%100
32	M48	Z	10.863	10.863	0	%100
33	M49	X	-6.272	-6.272	0	%100
34	M49	Z	10.863	10.863	0	%100
35	M53	X	-.091	-.091	0	%100
36	M53	Z	.158	.158	0	%100
37	M54	X	-7.876	-7.876	0	%100
38	M54	Z	13.642	13.642	0	%100
39	M59	X	-7.876	-7.876	0	%100
40	M59	Z	13.642	13.642	0	%100
41	M60	X	-.091	-.091	0	%100
42	M60	Z	.158	.158	0	%100
43	M62	X	-6.277	-6.277	0	%100
44	M62	Z	10.871	10.871	0	%100
45	M64	X	-.626	-.626	0	%100
46	M64	Z	1.085	1.085	0	%100
47	M66	X	-2.937	-2.937	0	%100
48	M66	Z	5.087	5.087	0	%100
49	M100	X	0	0	0	%100
50	M100	Z	0	0	0	%100
51	M101	X	-3.594	-3.594	0	%100
52	M101	Z	6.225	6.225	0	%100
53	M102	X	-3.594	-3.594	0	%100
54	M102	Z	6.225	6.225	0	%100
55	M105	X	-3.916	-3.916	0	%100
56	M105	Z	6.782	6.782	0	%100
57	M108	X	-3.916	-3.916	0	%100
58	M108	Z	6.782	6.782	0	%100
59	M111	X	0	0	0	%100
60	M111	Z	0	0	0	%100
61	M134A	X	0	0	0	%100
62	M134A	Z	0	0	0	%100
63	M135A	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,%]
64	M135A	Z	0	0	0	%100
65	M136	X	0	0	0	%100
66	M136	Z	0	0	0	%100
67	M131A	X	-6.053	-6.053	0	%100
68	M131A	Z	10.485	10.485	0	%100
69	M132A	X	-6.053	-6.053	0	%100
70	M132A	Z	10.485	10.485	0	%100
71	M135B	X	-6.053	-6.053	0	%100
72	M135B	Z	10.485	10.485	0	%100
73	M136A	X	-6.053	-6.053	0	%100
74	M136A	Z	10.485	10.485	0	%100
75	MP1A	X	-4.792	-4.792	0	%100
76	MP1A	Z	8.3	8.3	0	%100
77	M97	X	0	0	0	%100
78	M97	Z	0	0	0	%100
79	M98	X	-4.877	-4.877	0	%100
80	M98	Z	8.448	8.448	0	%100
81	M99	X	-4.877	-4.877	0	%100
82	M99	Z	8.448	8.448	0	%100
83	M102A	X	0	0	0	%100
84	M102A	Z	0	0	0	%100
85	M102B	X	-6.053	-6.053	0	%100
86	M102B	Z	10.485	10.485	0	%100
87	M103B	X	-6.312	-6.312	0	%100
88	M103B	Z	10.933	10.933	0	%100
89	M105A	X	-6.053	-6.053	0	%100
90	M105A	Z	10.485	10.485	0	%100
91	M106A	X	-6.312	-6.312	0	%100
92	M106A	Z	10.933	10.933	0	%100
93	MP2A	X	-5.801	-5.801	0	%100
94	MP2A	Z	10.048	10.048	0	%100
95	MP3A	X	-4.792	-4.792	0	%100
96	MP3A	Z	8.3	8.3	0	%100
97	MP4A	X	-4.792	-4.792	0	%100
98	MP4A	Z	8.3	8.3	0	%100
99	MP1C	X	-4.792	-4.792	0	%100
100	MP1C	Z	8.3	8.3	0	%100
101	MP2C	X	-5.801	-5.801	0	%100
102	MP2C	Z	10.048	10.048	0	%100
103	MP3C	X	-4.792	-4.792	0	%100
104	MP3C	Z	8.3	8.3	0	%100
105	MP4C	X	-4.792	-4.792	0	%100
106	MP4C	Z	8.3	8.3	0	%100
107	MP1B	X	-4.792	-4.792	0	%100
108	MP1B	Z	8.3	8.3	0	%100
109	MP2B	X	-5.801	-5.801	0	%100
110	MP2B	Z	10.048	10.048	0	%100
111	MP3B	X	-4.792	-4.792	0	%100
112	MP3B	Z	8.3	8.3	0	%100
113	MP4B	X	-4.792	-4.792	0	%100
114	MP4B	Z	8.3	8.3	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	-2.816	-2.816	0	%100
2	M1	Z	1.626	1.626	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,%]
3	M2	X	-20.97	-20.97	0	%100
4	M2	Z	12.107	12.107	0	%100
5	M3	X	-2.816	-2.816	0	%100
6	M3	Z	1.626	1.626	0	%100
7	M4	X	-20.97	-20.97	0	%100
8	M4	Z	12.107	12.107	0	%100
9	M5	X	-11.264	-11.264	0	%100
10	M5	Z	6.503	6.503	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-3.651	-3.651	0	%100
14	M7	Z	2.108	2.108	0	%100
15	M13	X	-10.194	-10.194	0	%100
16	M13	Z	5.885	5.885	0	%100
17	M14	X	-2.548	-2.548	0	%100
18	M14	Z	1.471	1.471	0	%100
19	M21	X	-14.602	-14.602	0	%100
20	M21	Z	8.431	8.431	0	%100
21	M27	X	-2.548	-2.548	0	%100
22	M27	Z	1.471	1.471	0	%100
23	M28	X	-2.548	-2.548	0	%100
24	M28	Z	1.471	1.471	0	%100
25	M35	X	-3.651	-3.651	0	%100
26	M35	Z	2.108	2.108	0	%100
27	M41	X	-2.548	-2.548	0	%100
28	M41	Z	1.471	1.471	0	%100
29	M42	X	-10.194	-10.194	0	%100
30	M42	Z	5.885	5.885	0	%100
31	M48	X	-16.284	-16.284	0	%100
32	M48	Z	9.401	9.401	0	%100
33	M49	X	-2.8	-2.8	0	%100
34	M49	Z	1.617	1.617	0	%100
35	M53	X	-2.8	-2.8	0	%100
36	M53	Z	1.616	1.616	0	%100
37	M54	X	-16.284	-16.284	0	%100
38	M54	Z	9.401	9.401	0	%100
39	M59	X	-5.579	-5.579	0	%100
40	M59	Z	3.221	3.221	0	%100
41	M60	X	-5.579	-5.579	0	%100
42	M60	Z	3.221	3.221	0	%100
43	M62	X	-10.278	-10.278	0	%100
44	M62	Z	5.934	5.934	0	%100
45	M64	X	-6.275	-6.275	0	%100
46	M64	Z	3.623	3.623	0	%100
47	M66	X	-.491	-.491	0	%100
48	M66	Z	.284	.284	0	%100
49	M100	X	-2.075	-2.075	0	%100
50	M100	Z	1.198	1.198	0	%100
51	M101	X	-2.075	-2.075	0	%100
52	M101	Z	1.198	1.198	0	%100
53	M102	X	-8.3	-8.3	0	%100
54	M102	Z	4.792	4.792	0	%100
55	M105	X	-2.261	-2.261	0	%100
56	M105	Z	1.305	1.305	0	%100
57	M108	X	-9.043	-9.043	0	%100
58	M108	Z	5.221	5.221	0	%100
59	M111	X	-2.261	-2.261	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,%]
60	M111	Z	1.305	1.305	0	%100
61	M134A	X	-3.495	-3.495	0	%100
62	M134A	Z	2.018	2.018	0	%100
63	M135A	X	-3.495	-3.495	0	%100
64	M135A	Z	2.018	2.018	0	%100
65	M136	X	-3.495	-3.495	0	%100
66	M136	Z	2.018	2.018	0	%100
67	M131A	X	-3.495	-3.495	0	%100
68	M131A	Z	2.018	2.018	0	%100
69	M132A	X	-3.495	-3.495	0	%100
70	M132A	Z	2.018	2.018	0	%100
71	M135B	X	-13.98	-13.98	0	%100
72	M135B	Z	8.071	8.071	0	%100
73	M136A	X	-13.98	-13.98	0	%100
74	M136A	Z	8.071	8.071	0	%100
75	MP1A	X	-8.3	-8.3	0	%100
76	MP1A	Z	4.792	4.792	0	%100
77	M97	X	-2.816	-2.816	0	%100
78	M97	Z	1.626	1.626	0	%100
79	M98	X	-2.816	-2.816	0	%100
80	M98	Z	1.626	1.626	0	%100
81	M99	X	-11.264	-11.264	0	%100
82	M99	Z	6.503	6.503	0	%100
83	M102A	X	-3.644	-3.644	0	%100
84	M102A	Z	2.104	2.104	0	%100
85	M102B	X	-3.495	-3.495	0	%100
86	M102B	Z	2.018	2.018	0	%100
87	M103B	X	-3.644	-3.644	0	%100
88	M103B	Z	2.104	2.104	0	%100
89	M105A	X	-13.98	-13.98	0	%100
90	M105A	Z	8.071	8.071	0	%100
91	M106A	X	-14.577	-14.577	0	%100
92	M106A	Z	8.416	8.416	0	%100
93	MP2A	X	-10.048	-10.048	0	%100
94	MP2A	Z	5.801	5.801	0	%100
95	MP3A	X	-8.3	-8.3	0	%100
96	MP3A	Z	4.792	4.792	0	%100
97	MP4A	X	-8.3	-8.3	0	%100
98	MP4A	Z	4.792	4.792	0	%100
99	MP1C	X	-8.3	-8.3	0	%100
100	MP1C	Z	4.792	4.792	0	%100
101	MP2C	X	-10.048	-10.048	0	%100
102	MP2C	Z	5.801	5.801	0	%100
103	MP3C	X	-8.3	-8.3	0	%100
104	MP3C	Z	4.792	4.792	0	%100
105	MP4C	X	-8.3	-8.3	0	%100
106	MP4C	Z	4.792	4.792	0	%100
107	MP1B	X	-8.3	-8.3	0	%100
108	MP1B	Z	4.792	4.792	0	%100
109	MP2B	X	-10.048	-10.048	0	%100
110	MP2B	Z	5.801	5.801	0	%100
111	MP3B	X	-8.3	-8.3	0	%100
112	MP3B	Z	4.792	4.792	0	%100
113	MP4B	X	-8.3	-8.3	0	%100
114	MP4B	Z	4.792	4.792	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	-9.755	-9.755	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-8.071	-8.071	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-32.285	-32.285	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-9.755	-9.755	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-8.071	-8.071	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M13	X	-8.828	-8.828	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	-8.828	-8.828	0	%100
18	M14	Z	0	0	0	%100
19	M21	X	-12.646	-12.646	0	%100
20	M21	Z	0	0	0	%100
21	M27	X	-8.828	-8.828	0	%100
22	M27	Z	0	0	0	%100
23	M28	X	0	0	0	%100
24	M28	Z	0	0	0	%100
25	M35	X	-12.646	-12.646	0	%100
26	M35	Z	0	0	0	%100
27	M41	X	0	0	0	%100
28	M41	Z	0	0	0	%100
29	M42	X	-8.828	-8.828	0	%100
30	M42	Z	0	0	0	%100
31	M48	X	-15.752	-15.752	0	%100
32	M48	Z	0	0	0	%100
33	M49	X	-.183	-.183	0	%100
34	M49	Z	0	0	0	%100
35	M53	X	-12.543	-12.543	0	%100
36	M53	Z	0	0	0	%100
37	M54	X	-12.543	-12.543	0	%100
38	M54	Z	0	0	0	%100
39	M59	X	-.183	-.183	0	%100
40	M59	Z	0	0	0	%100
41	M60	X	-15.752	-15.752	0	%100
42	M60	Z	0	0	0	%100
43	M62	X	-5.874	-5.874	0	%100
44	M62	Z	0	0	0	%100
45	M64	X	-12.553	-12.553	0	%100
46	M64	Z	0	0	0	%100
47	M66	X	-1.253	-1.253	0	%100
48	M66	Z	0	0	0	%100
49	M100	X	-7.188	-7.188	0	%100
50	M100	Z	0	0	0	%100
51	M101	X	0	0	0	%100
52	M101	Z	0	0	0	%100
53	M102	X	-7.188	-7.188	0	%100
54	M102	Z	0	0	0	%100
55	M105	X	0	0	0	%100
56	M105	Z	0	0	0	%100
57	M108	X	-7.832	-7.832	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,%]
58	M108	Z	0	0	0	%100
59	M111	X	-7.832	-7.832	0	%100
60	M111	Z	0	0	0	%100
61	M134A	X	-12.107	-12.107	0	%100
62	M134A	Z	0	0	0	%100
63	M135A	X	-12.107	-12.107	0	%100
64	M135A	Z	0	0	0	%100
65	M136	X	-12.107	-12.107	0	%100
66	M136	Z	0	0	0	%100
67	M131A	X	0	0	0	%100
68	M131A	Z	0	0	0	%100
69	M132A	X	0	0	0	%100
70	M132A	Z	0	0	0	%100
71	M135B	X	-12.107	-12.107	0	%100
72	M135B	Z	0	0	0	%100
73	M136A	X	-12.107	-12.107	0	%100
74	M136A	Z	0	0	0	%100
75	MP1A	X	-9.585	-9.585	0	%100
76	MP1A	Z	0	0	0	%100
77	M97	X	-9.755	-9.755	0	%100
78	M97	Z	0	0	0	%100
79	M98	X	0	0	0	%100
80	M98	Z	0	0	0	%100
81	M99	X	-9.755	-9.755	0	%100
82	M99	Z	0	0	0	%100
83	M102A	X	-12.624	-12.624	0	%100
84	M102A	Z	0	0	0	%100
85	M102B	X	0	0	0	%100
86	M102B	Z	0	0	0	%100
87	M103B	X	0	0	0	%100
88	M103B	Z	0	0	0	%100
89	M105A	X	-12.107	-12.107	0	%100
90	M105A	Z	0	0	0	%100
91	M106A	X	-12.624	-12.624	0	%100
92	M106A	Z	0	0	0	%100
93	MP2A	X	-11.602	-11.602	0	%100
94	MP2A	Z	0	0	0	%100
95	MP3A	X	-9.585	-9.585	0	%100
96	MP3A	Z	0	0	0	%100
97	MP4A	X	-9.585	-9.585	0	%100
98	MP4A	Z	0	0	0	%100
99	MP1C	X	-9.585	-9.585	0	%100
100	MP1C	Z	0	0	0	%100
101	MP2C	X	-11.602	-11.602	0	%100
102	MP2C	Z	0	0	0	%100
103	MP3C	X	-9.585	-9.585	0	%100
104	MP3C	Z	0	0	0	%100
105	MP4C	X	-9.585	-9.585	0	%100
106	MP4C	Z	0	0	0	%100
107	MP1B	X	-9.585	-9.585	0	%100
108	MP1B	Z	0	0	0	%100
109	MP2B	X	-11.602	-11.602	0	%100
110	MP2B	Z	0	0	0	%100
111	MP3B	X	-9.585	-9.585	0	%100
112	MP3B	Z	0	0	0	%100
113	MP4B	X	-9.585	-9.585	0	%100
114	MP4B	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	-11.264	-11.264	0	%100
2	M1	Z	-6.503	-6.503	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-2.816	-2.816	0	%100
6	M3	Z	-1.626	-1.626	0	%100
7	M4	X	-20.97	-20.97	0	%100
8	M4	Z	-12.107	-12.107	0	%100
9	M5	X	-2.816	-2.816	0	%100
10	M5	Z	-1.626	-1.626	0	%100
11	M6	X	-20.97	-20.97	0	%100
12	M6	Z	-12.107	-12.107	0	%100
13	M7	X	-3.651	-3.651	0	%100
14	M7	Z	-2.108	-2.108	0	%100
15	M13	X	-2.548	-2.548	0	%100
16	M13	Z	-1.471	-1.471	0	%100
17	M14	X	-10.194	-10.194	0	%100
18	M14	Z	-5.885	-5.885	0	%100
19	M21	X	-3.651	-3.651	0	%100
20	M21	Z	-2.108	-2.108	0	%100
21	M27	X	-10.194	-10.194	0	%100
22	M27	Z	-5.885	-5.885	0	%100
23	M28	X	-2.548	-2.548	0	%100
24	M28	Z	-1.471	-1.471	0	%100
25	M35	X	-14.602	-14.602	0	%100
26	M35	Z	-8.431	-8.431	0	%100
27	M41	X	-2.548	-2.548	0	%100
28	M41	Z	-1.471	-1.471	0	%100
29	M42	X	-2.548	-2.548	0	%100
30	M42	Z	-1.471	-1.471	0	%100
31	M48	X	-5.579	-5.579	0	%100
32	M48	Z	-3.221	-3.221	0	%100
33	M49	X	-5.579	-5.579	0	%100
34	M49	Z	-3.221	-3.221	0	%100
35	M53	X	-16.284	-16.284	0	%100
36	M53	Z	-9.401	-9.401	0	%100
37	M54	X	-2.8	-2.8	0	%100
38	M54	Z	-1.617	-1.617	0	%100
39	M59	X	-2.8	-2.8	0	%100
40	M59	Z	-1.616	-1.616	0	%100
41	M60	X	-16.284	-16.284	0	%100
42	M60	Z	-9.401	-9.401	0	%100
43	M62	X	-.491	-.491	0	%100
44	M62	Z	-.284	-.284	0	%100
45	M64	X	-10.278	-10.278	0	%100
46	M64	Z	-5.934	-5.934	0	%100
47	M66	X	-6.275	-6.275	0	%100
48	M66	Z	-3.623	-3.623	0	%100
49	M100	X	-8.3	-8.3	0	%100
50	M100	Z	-4.792	-4.792	0	%100
51	M101	X	-2.075	-2.075	0	%100
52	M101	Z	-1.198	-1.198	0	%100
53	M102	X	-2.075	-2.075	0	%100
54	M102	Z	-1.198	-1.198	0	%100
55	M105	X	-2.261	-2.261	0	%100
56	M105	Z	-1.305	-1.305	0	%100
57	M108	X	-2.261	-2.261	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M108	Z	-1.305	-1.305	0	%100
59	M111	X	-9.043	-9.043	0	%100
60	M111	Z	-5.221	-5.221	0	%100
61	M134A	X	-13.98	-13.98	0	%100
62	M134A	Z	-8.071	-8.071	0	%100
63	M135A	X	-13.98	-13.98	0	%100
64	M135A	Z	-8.071	-8.071	0	%100
65	M136	X	-13.98	-13.98	0	%100
66	M136	Z	-8.071	-8.071	0	%100
67	M131A	X	-3.495	-3.495	0	%100
68	M131A	Z	-2.018	-2.018	0	%100
69	M132A	X	-3.495	-3.495	0	%100
70	M132A	Z	-2.018	-2.018	0	%100
71	M135B	X	-3.495	-3.495	0	%100
72	M135B	Z	-2.018	-2.018	0	%100
73	M136A	X	-3.495	-3.495	0	%100
74	M136A	Z	-2.018	-2.018	0	%100
75	MP1A	X	-8.3	-8.3	0	%100
76	MP1A	Z	-4.792	-4.792	0	%100
77	M97	X	-11.264	-11.264	0	%100
78	M97	Z	-6.503	-6.503	0	%100
79	M98	X	-2.816	-2.816	0	%100
80	M98	Z	-1.626	-1.626	0	%100
81	M99	X	-2.816	-2.816	0	%100
82	M99	Z	-1.626	-1.626	0	%100
83	M102A	X	-14.577	-14.577	0	%100
84	M102A	Z	-8.416	-8.416	0	%100
85	M102B	X	-3.495	-3.495	0	%100
86	M102B	Z	-2.018	-2.018	0	%100
87	M103B	X	-3.644	-3.644	0	%100
88	M103B	Z	-2.104	-2.104	0	%100
89	M105A	X	-3.495	-3.495	0	%100
90	M105A	Z	-2.018	-2.018	0	%100
91	M106A	X	-3.644	-3.644	0	%100
92	M106A	Z	-2.104	-2.104	0	%100
93	MP2A	X	-10.048	-10.048	0	%100
94	MP2A	Z	-5.801	-5.801	0	%100
95	MP3A	X	-8.3	-8.3	0	%100
96	MP3A	Z	-4.792	-4.792	0	%100
97	MP4A	X	-8.3	-8.3	0	%100
98	MP4A	Z	-4.792	-4.792	0	%100
99	MP1C	X	-8.3	-8.3	0	%100
100	MP1C	Z	-4.792	-4.792	0	%100
101	MP2C	X	-10.048	-10.048	0	%100
102	MP2C	Z	-5.801	-5.801	0	%100
103	MP3C	X	-8.3	-8.3	0	%100
104	MP3C	Z	-4.792	-4.792	0	%100
105	MP4C	X	-8.3	-8.3	0	%100
106	MP4C	Z	-4.792	-4.792	0	%100
107	MP1B	X	-8.3	-8.3	0	%100
108	MP1B	Z	-4.792	-4.792	0	%100
109	MP2B	X	-10.048	-10.048	0	%100
110	MP2B	Z	-5.801	-5.801	0	%100
111	MP3B	X	-8.3	-8.3	0	%100
112	MP3B	Z	-4.792	-4.792	0	%100
113	MP4B	X	-8.3	-8.3	0	%100
114	MP4B	Z	-4.792	-4.792	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	-4.877	-4.877	0	%100
2	M1	Z	-8.448	-8.448	0	%100
3	M2	X	-4.036	-4.036	0	%100
4	M2	Z	-6.99	-6.99	0	%100
5	M3	X	-4.877	-4.877	0	%100
6	M3	Z	-8.448	-8.448	0	%100
7	M4	X	-4.036	-4.036	0	%100
8	M4	Z	-6.99	-6.99	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-16.142	-16.142	0	%100
12	M6	Z	-27.959	-27.959	0	%100
13	M7	X	-6.323	-6.323	0	%100
14	M7	Z	-10.952	-10.952	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	-4.414	-4.414	0	%100
18	M14	Z	-7.645	-7.645	0	%100
19	M21	X	0	0	0	%100
20	M21	Z	0	0	0	%100
21	M27	X	-4.414	-4.414	0	%100
22	M27	Z	-7.645	-7.645	0	%100
23	M28	X	-4.414	-4.414	0	%100
24	M28	Z	-7.645	-7.645	0	%100
25	M35	X	-6.323	-6.323	0	%100
26	M35	Z	-10.952	-10.952	0	%100
27	M41	X	-4.414	-4.414	0	%100
28	M41	Z	-7.645	-7.645	0	%100
29	M42	X	0	0	0	%100
30	M42	Z	0	0	0	%100
31	M48	X	-.091	-.091	0	%100
32	M48	Z	-.158	-.158	0	%100
33	M49	X	-7.876	-7.876	0	%100
34	M49	Z	-13.642	-13.642	0	%100
35	M53	X	-7.876	-7.876	0	%100
36	M53	Z	-13.642	-13.642	0	%100
37	M54	X	-.091	-.091	0	%100
38	M54	Z	-.158	-.158	0	%100
39	M59	X	-6.271	-6.271	0	%100
40	M59	Z	-10.863	-10.863	0	%100
41	M60	X	-6.272	-6.272	0	%100
42	M60	Z	-10.863	-10.863	0	%100
43	M62	X	-.626	-.626	0	%100
44	M62	Z	-1.085	-1.085	0	%100
45	M64	X	-2.937	-2.937	0	%100
46	M64	Z	-5.087	-5.087	0	%100
47	M66	X	-6.277	-6.277	0	%100
48	M66	Z	-10.871	-10.871	0	%100
49	M100	X	-3.594	-3.594	0	%100
50	M100	Z	-6.225	-6.225	0	%100
51	M101	X	-3.594	-3.594	0	%100
52	M101	Z	-6.225	-6.225	0	%100
53	M102	X	0	0	0	%100
54	M102	Z	0	0	0	%100
55	M105	X	-3.916	-3.916	0	%100
56	M105	Z	-6.782	-6.782	0	%100
57	M108	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,%]
58	M108	Z	0	0	0	%100
59	M111	X	-3.916	-3.916	0	%100
60	M111	Z	-6.782	-6.782	0	%100
61	M134A	X	-6.053	-6.053	0	%100
62	M134A	Z	-10.485	-10.485	0	%100
63	M135A	X	-6.053	-6.053	0	%100
64	M135A	Z	-10.485	-10.485	0	%100
65	M136	X	-6.053	-6.053	0	%100
66	M136	Z	-10.485	-10.485	0	%100
67	M131A	X	-6.053	-6.053	0	%100
68	M131A	Z	-10.485	-10.485	0	%100
69	M132A	X	-6.053	-6.053	0	%100
70	M132A	Z	-10.485	-10.485	0	%100
71	M135B	X	0	0	0	%100
72	M135B	Z	0	0	0	%100
73	M136A	X	0	0	0	%100
74	M136A	Z	0	0	0	%100
75	MP1A	X	-4.792	-4.792	0	%100
76	MP1A	Z	-8.3	-8.3	0	%100
77	M97	X	-4.877	-4.877	0	%100
78	M97	Z	-8.448	-8.448	0	%100
79	M98	X	-4.877	-4.877	0	%100
80	M98	Z	-8.448	-8.448	0	%100
81	M99	X	0	0	0	%100
82	M99	Z	0	0	0	%100
83	M102A	X	-6.312	-6.312	0	%100
84	M102A	Z	-10.933	-10.933	0	%100
85	M102B	X	-6.053	-6.053	0	%100
86	M102B	Z	-10.485	-10.485	0	%100
87	M103B	X	-6.312	-6.312	0	%100
88	M103B	Z	-10.933	-10.933	0	%100
89	M105A	X	0	0	0	%100
90	M105A	Z	0	0	0	%100
91	M106A	X	0	0	0	%100
92	M106A	Z	0	0	0	%100
93	MP2A	X	-5.801	-5.801	0	%100
94	MP2A	Z	-10.048	-10.048	0	%100
95	MP3A	X	-4.792	-4.792	0	%100
96	MP3A	Z	-8.3	-8.3	0	%100
97	MP4A	X	-4.792	-4.792	0	%100
98	MP4A	Z	-8.3	-8.3	0	%100
99	MP1C	X	-4.792	-4.792	0	%100
100	MP1C	Z	-8.3	-8.3	0	%100
101	MP2C	X	-5.801	-5.801	0	%100
102	MP2C	Z	-10.048	-10.048	0	%100
103	MP3C	X	-4.792	-4.792	0	%100
104	MP3C	Z	-8.3	-8.3	0	%100
105	MP4C	X	-4.792	-4.792	0	%100
106	MP4C	Z	-8.3	-8.3	0	%100
107	MP1B	X	-4.792	-4.792	0	%100
108	MP1B	Z	-8.3	-8.3	0	%100
109	MP2B	X	-5.801	-5.801	0	%100
110	MP2B	Z	-10.048	-10.048	0	%100
111	MP3B	X	-4.792	-4.792	0	%100
112	MP3B	Z	-8.3	-8.3	0	%100
113	MP4B	X	-4.792	-4.792	0	%100
114	MP4B	Z	-8.3	-8.3	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	-.947	-.947	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-4.807	-4.807	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-3.79	-3.79	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-.947	-.947	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-4.807	-4.807	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-3.894	-3.894	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	-.821	-.821	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	-.821	-.821	0	%100
19	M21	X	0	0	0	%100
20	M21	Z	-.973	-.973	0	%100
21	M27	X	0	0	0	%100
22	M27	Z	-.821	-.821	0	%100
23	M28	X	0	0	0	%100
24	M28	Z	-3.282	-3.282	0	%100
25	M35	X	0	0	0	%100
26	M35	Z	-.973	-.973	0	%100
27	M41	X	0	0	0	%100
28	M41	Z	-3.282	-3.282	0	%100
29	M42	X	0	0	0	%100
30	M42	Z	-.821	-.821	0	%100
31	M48	X	0	0	0	%100
32	M48	Z	-.756	-.756	0	%100
33	M49	X	0	0	0	%100
34	M49	Z	-4.4	-4.4	0	%100
35	M53	X	0	0	0	%100
36	M53	Z	-1.507	-1.507	0	%100
37	M54	X	0	0	0	%100
38	M54	Z	-1.507	-1.507	0	%100
39	M59	X	0	0	0	%100
40	M59	Z	-4.4	-4.4	0	%100
41	M60	X	0	0	0	%100
42	M60	Z	-.756	-.756	0	%100
43	M62	X	0	0	0	%100
44	M62	Z	-2	-2	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	-.157	-.157	0	%100
47	M66	X	0	0	0	%100
48	M66	Z	-3.275	-3.275	0	%100
49	M100	X	0	0	0	%100
50	M100	Z	-.794	-.794	0	%100
51	M101	X	0	0	0	%100
52	M101	Z	-3.174	-3.174	0	%100
53	M102	X	0	0	0	%100
54	M102	Z	-.794	-.794	0	%100
55	M105	X	0	0	0	%100
56	M105	Z	-2.719	-2.719	0	%100
57	M108	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M108	Z	-.68	-.68	0	%100
59	M111	X	0	0	0	%100
60	M111	Z	-.68	-.68	0	%100
61	M134A	X	0	0	0	%100
62	M134A	Z	-.913	-.913	0	%100
63	M135A	X	0	0	0	%100
64	M135A	Z	-.916	-.916	0	%100
65	M136	X	0	0	0	%100
66	M136	Z	-.916	-.916	0	%100
67	M131A	X	0	0	0	%100
68	M131A	Z	-3.665	-3.665	0	%100
69	M132A	X	0	0	0	%100
70	M132A	Z	-3.665	-3.665	0	%100
71	M135B	X	0	0	0	%100
72	M135B	Z	-.916	-.916	0	%100
73	M136A	X	0	0	0	%100
74	M136A	Z	-.916	-.916	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	-3.174	-3.174	0	%100
77	M97	X	0	0	0	%100
78	M97	Z	-.947	-.947	0	%100
79	M98	X	0	0	0	%100
80	M98	Z	-3.79	-3.79	0	%100
81	M99	X	0	0	0	%100
82	M99	Z	-.947	-.947	0	%100
83	M102A	X	0	0	0	%100
84	M102A	Z	-1.007	-1.007	0	%100
85	M102B	X	0	0	0	%100
86	M102B	Z	-3.653	-3.653	0	%100
87	M103B	X	0	0	0	%100
88	M103B	Z	-4.026	-4.026	0	%100
89	M105A	X	0	0	0	%100
90	M105A	Z	-.913	-.913	0	%100
91	M106A	X	0	0	0	%100
92	M106A	Z	-1.007	-1.007	0	%100
93	MP2A	X	0	0	0	%100
94	MP2A	Z	-3.519	-3.519	0	%100
95	MP3A	X	0	0	0	%100
96	MP3A	Z	-3.174	-3.174	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	-3.174	-3.174	0	%100
99	MP1C	X	0	0	0	%100
100	MP1C	Z	-3.174	-3.174	0	%100
101	MP2C	X	0	0	0	%100
102	MP2C	Z	-3.519	-3.519	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	-3.174	-3.174	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	-3.174	-3.174	0	%100
107	MP1B	X	0	0	0	%100
108	MP1B	Z	-3.174	-3.174	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	-3.519	-3.519	0	%100
111	MP3B	X	0	0	0	%100
112	MP3B	Z	-3.174	-3.174	0	%100
113	MP4B	X	0	0	0	%100
114	MP4B	Z	-3.174	-3.174	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	3.205	3.205	0	%100
4	M2	Z	-5.551	-5.551	0	%100
5	M3	X	1.421	1.421	0	%100
6	M3	Z	-2.462	-2.462	0	%100
7	M4	X	.801	.801	0	%100
8	M4	Z	-1.388	-1.388	0	%100
9	M5	X	1.421	1.421	0	%100
10	M5	Z	-2.462	-2.462	0	%100
11	M6	X	.801	.801	0	%100
12	M6	Z	-1.388	-1.388	0	%100
13	M7	X	1.46	1.46	0	%100
14	M7	Z	-2.529	-2.529	0	%100
15	M13	X	1.231	1.231	0	%100
16	M13	Z	-2.132	-2.132	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	0	0	0	%100
19	M21	X	1.46	1.46	0	%100
20	M21	Z	-2.529	-2.529	0	%100
21	M27	X	0	0	0	%100
22	M27	Z	0	0	0	%100
23	M28	X	1.231	1.231	0	%100
24	M28	Z	-2.132	-2.132	0	%100
25	M35	X	0	0	0	%100
26	M35	Z	0	0	0	%100
27	M41	X	1.231	1.231	0	%100
28	M41	Z	-2.132	-2.132	0	%100
29	M42	X	1.231	1.231	0	%100
30	M42	Z	-2.132	-2.132	0	%100
31	M48	X	1.467	1.467	0	%100
32	M48	Z	-2.542	-2.542	0	%100
33	M49	X	1.467	1.467	0	%100
34	M49	Z	-2.542	-2.542	0	%100
35	M53	X	.021	.021	0	%100
36	M53	Z	-.037	-.037	0	%100
37	M54	X	1.843	1.843	0	%100
38	M54	Z	-3.192	-3.192	0	%100
39	M59	X	1.843	1.843	0	%100
40	M59	Z	-3.192	-3.192	0	%100
41	M60	X	.021	.021	0	%100
42	M60	Z	-.037	-.037	0	%100
43	M62	X	1.732	1.732	0	%100
44	M62	Z	-3.001	-3.001	0	%100
45	M64	X	.173	.173	0	%100
46	M64	Z	-.299	-.299	0	%100
47	M66	X	.811	.811	0	%100
48	M66	Z	-1.404	-1.404	0	%100
49	M100	X	0	0	0	%100
50	M100	Z	0	0	0	%100
51	M101	X	1.19	1.19	0	%100
52	M101	Z	-2.062	-2.062	0	%100
53	M102	X	1.19	1.19	0	%100
54	M102	Z	-2.062	-2.062	0	%100
55	M105	X	1.02	1.02	0	%100
56	M105	Z	-1.766	-1.766	0	%100
57	M108	X	1.02	1.02	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,%]
58	M108	Z	-1.766	-1.766	0	%100
59	M111	X	0	0	0	%100
60	M111	Z	0	0	0	%100
61	M134A	X	0	0	0	%100
62	M134A	Z	0	0	0	%100
63	M135A	X	0	0	0	%100
64	M135A	Z	0	0	0	%100
65	M136	X	0	0	0	%100
66	M136	Z	0	0	0	%100
67	M131A	X	1.374	1.374	0	%100
68	M131A	Z	-2.381	-2.381	0	%100
69	M132A	X	1.374	1.374	0	%100
70	M132A	Z	-2.381	-2.381	0	%100
71	M135B	X	1.374	1.374	0	%100
72	M135B	Z	-2.381	-2.381	0	%100
73	M136A	X	1.374	1.374	0	%100
74	M136A	Z	-2.381	-2.381	0	%100
75	MP1A	X	1.587	1.587	0	%100
76	MP1A	Z	-2.749	-2.749	0	%100
77	M97	X	0	0	0	%100
78	M97	Z	0	0	0	%100
79	M98	X	1.421	1.421	0	%100
80	M98	Z	-2.462	-2.462	0	%100
81	M99	X	1.421	1.421	0	%100
82	M99	Z	-2.462	-2.462	0	%100
83	M102A	X	0	0	0	%100
84	M102A	Z	0	0	0	%100
85	M102B	X	1.37	1.37	0	%100
86	M102B	Z	-2.373	-2.373	0	%100
87	M103B	X	1.51	1.51	0	%100
88	M103B	Z	-2.615	-2.615	0	%100
89	M105A	X	1.37	1.37	0	%100
90	M105A	Z	-2.373	-2.373	0	%100
91	M106A	X	1.51	1.51	0	%100
92	M106A	Z	-2.615	-2.615	0	%100
93	MP2A	X	1.759	1.759	0	%100
94	MP2A	Z	-3.047	-3.047	0	%100
95	MP3A	X	1.587	1.587	0	%100
96	MP3A	Z	-2.749	-2.749	0	%100
97	MP4A	X	1.587	1.587	0	%100
98	MP4A	Z	-2.749	-2.749	0	%100
99	MP1C	X	1.587	1.587	0	%100
100	MP1C	Z	-2.749	-2.749	0	%100
101	MP2C	X	1.759	1.759	0	%100
102	MP2C	Z	-3.047	-3.047	0	%100
103	MP3C	X	1.587	1.587	0	%100
104	MP3C	Z	-2.749	-2.749	0	%100
105	MP4C	X	1.587	1.587	0	%100
106	MP4C	Z	-2.749	-2.749	0	%100
107	MP1B	X	1.587	1.587	0	%100
108	MP1B	Z	-2.749	-2.749	0	%100
109	MP2B	X	1.759	1.759	0	%100
110	MP2B	Z	-3.047	-3.047	0	%100
111	MP3B	X	1.587	1.587	0	%100
112	MP3B	Z	-2.749	-2.749	0	%100
113	MP4B	X	1.587	1.587	0	%100
114	MP4B	Z	-2.749	-2.749	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	.821	.821	0	%100
2	M1	Z	-.474	-.474	0	%100
3	M2	X	4.163	4.163	0	%100
4	M2	Z	-2.404	-2.404	0	%100
5	M3	X	.821	.821	0	%100
6	M3	Z	-.474	-.474	0	%100
7	M4	X	4.163	4.163	0	%100
8	M4	Z	-2.404	-2.404	0	%100
9	M5	X	3.282	3.282	0	%100
10	M5	Z	-1.895	-1.895	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	.843	.843	0	%100
14	M7	Z	-.487	-.487	0	%100
15	M13	X	2.843	2.843	0	%100
16	M13	Z	-1.641	-1.641	0	%100
17	M14	X	.711	.711	0	%100
18	M14	Z	-.41	-.41	0	%100
19	M21	X	3.372	3.372	0	%100
20	M21	Z	-1.947	-1.947	0	%100
21	M27	X	.711	.711	0	%100
22	M27	Z	-.41	-.41	0	%100
23	M28	X	.711	.711	0	%100
24	M28	Z	-.41	-.41	0	%100
25	M35	X	.843	.843	0	%100
26	M35	Z	-.487	-.487	0	%100
27	M41	X	.711	.711	0	%100
28	M41	Z	-.41	-.41	0	%100
29	M42	X	2.843	2.843	0	%100
30	M42	Z	-1.641	-1.641	0	%100
31	M48	X	3.81	3.81	0	%100
32	M48	Z	-2.2	-2.2	0	%100
33	M49	X	.655	.655	0	%100
34	M49	Z	-.378	-.378	0	%100
35	M53	X	.655	.655	0	%100
36	M53	Z	-.378	-.378	0	%100
37	M54	X	3.81	3.81	0	%100
38	M54	Z	-2.2	-2.2	0	%100
39	M59	X	1.305	1.305	0	%100
40	M59	Z	-.754	-.754	0	%100
41	M60	X	1.305	1.305	0	%100
42	M60	Z	-.754	-.754	0	%100
43	M62	X	2.837	2.837	0	%100
44	M62	Z	-1.638	-1.638	0	%100
45	M64	X	1.732	1.732	0	%100
46	M64	Z	-1	-1	0	%100
47	M66	X	.136	.136	0	%100
48	M66	Z	-.078	-.078	0	%100
49	M100	X	.687	.687	0	%100
50	M100	Z	-.397	-.397	0	%100
51	M101	X	.687	.687	0	%100
52	M101	Z	-.397	-.397	0	%100
53	M102	X	2.749	2.749	0	%100
54	M102	Z	-1.587	-1.587	0	%100
55	M105	X	.589	.589	0	%100
56	M105	Z	-.34	-.34	0	%100
57	M108	X	2.354	2.354	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,%]
58	M108	Z	-1.359	-1.359	0	%100
59	M111	X	.589	.589	0	%100
60	M111	Z	-.34	-.34	0	%100
61	M134A	X	.791	.791	0	%100
62	M134A	Z	-.457	-.457	0	%100
63	M135A	X	.794	.794	0	%100
64	M135A	Z	-.458	-.458	0	%100
65	M136	X	.794	.794	0	%100
66	M136	Z	-.458	-.458	0	%100
67	M131A	X	.794	.794	0	%100
68	M131A	Z	-.458	-.458	0	%100
69	M132A	X	.794	.794	0	%100
70	M132A	Z	-.458	-.458	0	%100
71	M135B	X	3.174	3.174	0	%100
72	M135B	Z	-1.833	-1.833	0	%100
73	M136A	X	3.174	3.174	0	%100
74	M136A	Z	-1.833	-1.833	0	%100
75	MP1A	X	2.749	2.749	0	%100
76	MP1A	Z	-1.587	-1.587	0	%100
77	M97	X	.821	.821	0	%100
78	M97	Z	-.474	-.474	0	%100
79	M98	X	.821	.821	0	%100
80	M98	Z	-.474	-.474	0	%100
81	M99	X	3.282	3.282	0	%100
82	M99	Z	-1.895	-1.895	0	%100
83	M102A	X	.872	.872	0	%100
84	M102A	Z	-.503	-.503	0	%100
85	M102B	X	.791	.791	0	%100
86	M102B	Z	-.457	-.457	0	%100
87	M103B	X	.872	.872	0	%100
88	M103B	Z	-.503	-.503	0	%100
89	M105A	X	3.164	3.164	0	%100
90	M105A	Z	-1.827	-1.827	0	%100
91	M106A	X	3.487	3.487	0	%100
92	M106A	Z	-2.013	-2.013	0	%100
93	MP2A	X	3.047	3.047	0	%100
94	MP2A	Z	-1.759	-1.759	0	%100
95	MP3A	X	2.749	2.749	0	%100
96	MP3A	Z	-1.587	-1.587	0	%100
97	MP4A	X	2.749	2.749	0	%100
98	MP4A	Z	-1.587	-1.587	0	%100
99	MP1C	X	2.749	2.749	0	%100
100	MP1C	Z	-1.587	-1.587	0	%100
101	MP2C	X	3.047	3.047	0	%100
102	MP2C	Z	-1.759	-1.759	0	%100
103	MP3C	X	2.749	2.749	0	%100
104	MP3C	Z	-1.587	-1.587	0	%100
105	MP4C	X	2.749	2.749	0	%100
106	MP4C	Z	-1.587	-1.587	0	%100
107	MP1B	X	2.749	2.749	0	%100
108	MP1B	Z	-1.587	-1.587	0	%100
109	MP2B	X	3.047	3.047	0	%100
110	MP2B	Z	-1.759	-1.759	0	%100
111	MP3B	X	2.749	2.749	0	%100
112	MP3B	Z	-1.587	-1.587	0	%100
113	MP4B	X	2.749	2.749	0	%100
114	MP4B	Z	-1.587	-1.587	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.842	2.842	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	1.602	1.602	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	6.41	6.41	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	2.842	2.842	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	1.602	1.602	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M13	X	2.462	2.462	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	2.462	2.462	0	%100
18	M14	Z	0	0	0	%100
19	M21	X	2.92	2.92	0	%100
20	M21	Z	0	0	0	%100
21	M27	X	2.462	2.462	0	%100
22	M27	Z	0	0	0	%100
23	M28	X	0	0	0	%100
24	M28	Z	0	0	0	%100
25	M35	X	2.92	2.92	0	%100
26	M35	Z	0	0	0	%100
27	M41	X	0	0	0	%100
28	M41	Z	0	0	0	%100
29	M42	X	2.462	2.462	0	%100
30	M42	Z	0	0	0	%100
31	M48	X	3.686	3.686	0	%100
32	M48	Z	0	0	0	%100
33	M49	X	.043	.043	0	%100
34	M49	Z	0	0	0	%100
35	M53	X	2.935	2.935	0	%100
36	M53	Z	0	0	0	%100
37	M54	X	2.935	2.935	0	%100
38	M54	Z	0	0	0	%100
39	M59	X	.043	.043	0	%100
40	M59	Z	0	0	0	%100
41	M60	X	3.686	3.686	0	%100
42	M60	Z	0	0	0	%100
43	M62	X	1.621	1.621	0	%100
44	M62	Z	0	0	0	%100
45	M64	X	3.465	3.465	0	%100
46	M64	Z	0	0	0	%100
47	M66	X	.346	.346	0	%100
48	M66	Z	0	0	0	%100
49	M100	X	2.381	2.381	0	%100
50	M100	Z	0	0	0	%100
51	M101	X	0	0	0	%100
52	M101	Z	0	0	0	%100
53	M102	X	2.381	2.381	0	%100
54	M102	Z	0	0	0	%100
55	M105	X	0	0	0	%100
56	M105	Z	0	0	0	%100
57	M108	X	2.039	2.039	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M108	Z	0	0	0	%100
59	M111	X	2.039	2.039	0	%100
60	M111	Z	0	0	0	%100
61	M134A	X	2.74	2.74	0	%100
62	M134A	Z	0	0	0	%100
63	M135A	X	2.749	2.749	0	%100
64	M135A	Z	0	0	0	%100
65	M136	X	2.749	2.749	0	%100
66	M136	Z	0	0	0	%100
67	M131A	X	0	0	0	%100
68	M131A	Z	0	0	0	%100
69	M132A	X	0	0	0	%100
70	M132A	Z	0	0	0	%100
71	M135B	X	2.749	2.749	0	%100
72	M135B	Z	0	0	0	%100
73	M136A	X	2.749	2.749	0	%100
74	M136A	Z	0	0	0	%100
75	MP1A	X	3.174	3.174	0	%100
76	MP1A	Z	0	0	0	%100
77	M97	X	2.842	2.842	0	%100
78	M97	Z	0	0	0	%100
79	M98	X	0	0	0	%100
80	M98	Z	0	0	0	%100
81	M99	X	2.842	2.842	0	%100
82	M99	Z	0	0	0	%100
83	M102A	X	3.02	3.02	0	%100
84	M102A	Z	0	0	0	%100
85	M102B	X	0	0	0	%100
86	M102B	Z	0	0	0	%100
87	M103B	X	0	0	0	%100
88	M103B	Z	0	0	0	%100
89	M105A	X	2.74	2.74	0	%100
90	M105A	Z	0	0	0	%100
91	M106A	X	3.02	3.02	0	%100
92	M106A	Z	0	0	0	%100
93	MP2A	X	3.519	3.519	0	%100
94	MP2A	Z	0	0	0	%100
95	MP3A	X	3.174	3.174	0	%100
96	MP3A	Z	0	0	0	%100
97	MP4A	X	3.174	3.174	0	%100
98	MP4A	Z	0	0	0	%100
99	MP1C	X	3.174	3.174	0	%100
100	MP1C	Z	0	0	0	%100
101	MP2C	X	3.519	3.519	0	%100
102	MP2C	Z	0	0	0	%100
103	MP3C	X	3.174	3.174	0	%100
104	MP3C	Z	0	0	0	%100
105	MP4C	X	3.174	3.174	0	%100
106	MP4C	Z	0	0	0	%100
107	MP1B	X	3.174	3.174	0	%100
108	MP1B	Z	0	0	0	%100
109	MP2B	X	3.519	3.519	0	%100
110	MP2B	Z	0	0	0	%100
111	MP3B	X	3.174	3.174	0	%100
112	MP3B	Z	0	0	0	%100
113	MP4B	X	3.174	3.174	0	%100
114	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.282	3.282	0	%100
2	M1	Z	1.895	1.895	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	.821	.821	0	%100
6	M3	Z	.474	.474	0	%100
7	M4	X	4.163	4.163	0	%100
8	M4	Z	2.404	2.404	0	%100
9	M5	X	.821	.821	0	%100
10	M5	Z	.474	.474	0	%100
11	M6	X	4.163	4.163	0	%100
12	M6	Z	2.404	2.404	0	%100
13	M7	X	.843	.843	0	%100
14	M7	Z	.487	.487	0	%100
15	M13	X	.711	.711	0	%100
16	M13	Z	.41	.41	0	%100
17	M14	X	2.843	2.843	0	%100
18	M14	Z	1.641	1.641	0	%100
19	M21	X	.843	.843	0	%100
20	M21	Z	.487	.487	0	%100
21	M27	X	2.843	2.843	0	%100
22	M27	Z	1.641	1.641	0	%100
23	M28	X	.711	.711	0	%100
24	M28	Z	.41	.41	0	%100
25	M35	X	3.372	3.372	0	%100
26	M35	Z	1.947	1.947	0	%100
27	M41	X	.711	.711	0	%100
28	M41	Z	.41	.41	0	%100
29	M42	X	.711	.711	0	%100
30	M42	Z	.41	.41	0	%100
31	M48	X	1.305	1.305	0	%100
32	M48	Z	.754	.754	0	%100
33	M49	X	1.305	1.305	0	%100
34	M49	Z	.754	.754	0	%100
35	M53	X	3.81	3.81	0	%100
36	M53	Z	2.2	2.2	0	%100
37	M54	X	.655	.655	0	%100
38	M54	Z	.378	.378	0	%100
39	M59	X	.655	.655	0	%100
40	M59	Z	.378	.378	0	%100
41	M60	X	3.81	3.81	0	%100
42	M60	Z	2.2	2.2	0	%100
43	M62	X	.136	.136	0	%100
44	M62	Z	.078	.078	0	%100
45	M64	X	2.837	2.837	0	%100
46	M64	Z	1.638	1.638	0	%100
47	M66	X	1.732	1.732	0	%100
48	M66	Z	1	1	0	%100
49	M100	X	2.749	2.749	0	%100
50	M100	Z	1.587	1.587	0	%100
51	M101	X	.687	.687	0	%100
52	M101	Z	.397	.397	0	%100
53	M102	X	.687	.687	0	%100
54	M102	Z	.397	.397	0	%100
55	M105	X	.589	.589	0	%100
56	M105	Z	.34	.34	0	%100
57	M108	X	.589	.589	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	M108	Z	.34	.34	0	%100
59	M111	X	2.354	2.354	0	%100
60	M111	Z	1.359	1.359	0	%100
61	M134A	X	3.164	3.164	0	%100
62	M134A	Z	1.827	1.827	0	%100
63	M135A	X	3.174	3.174	0	%100
64	M135A	Z	1.833	1.833	0	%100
65	M136	X	3.174	3.174	0	%100
66	M136	Z	1.833	1.833	0	%100
67	M131A	X	.794	.794	0	%100
68	M131A	Z	.458	.458	0	%100
69	M132A	X	.794	.794	0	%100
70	M132A	Z	.458	.458	0	%100
71	M135B	X	.794	.794	0	%100
72	M135B	Z	.458	.458	0	%100
73	M136A	X	.794	.794	0	%100
74	M136A	Z	.458	.458	0	%100
75	MP1A	X	2.749	2.749	0	%100
76	MP1A	Z	1.587	1.587	0	%100
77	M97	X	3.282	3.282	0	%100
78	M97	Z	1.895	1.895	0	%100
79	M98	X	.821	.821	0	%100
80	M98	Z	.474	.474	0	%100
81	M99	X	.821	.821	0	%100
82	M99	Z	.474	.474	0	%100
83	M102A	X	3.487	3.487	0	%100
84	M102A	Z	2.013	2.013	0	%100
85	M102B	X	.791	.791	0	%100
86	M102B	Z	.457	.457	0	%100
87	M103B	X	.872	.872	0	%100
88	M103B	Z	.503	.503	0	%100
89	M105A	X	.791	.791	0	%100
90	M105A	Z	.457	.457	0	%100
91	M106A	X	.872	.872	0	%100
92	M106A	Z	.503	.503	0	%100
93	MP2A	X	3.047	3.047	0	%100
94	MP2A	Z	1.759	1.759	0	%100
95	MP3A	X	2.749	2.749	0	%100
96	MP3A	Z	1.587	1.587	0	%100
97	MP4A	X	2.749	2.749	0	%100
98	MP4A	Z	1.587	1.587	0	%100
99	MP1C	X	2.749	2.749	0	%100
100	MP1C	Z	1.587	1.587	0	%100
101	MP2C	X	3.047	3.047	0	%100
102	MP2C	Z	1.759	1.759	0	%100
103	MP3C	X	2.749	2.749	0	%100
104	MP3C	Z	1.587	1.587	0	%100
105	MP4C	X	2.749	2.749	0	%100
106	MP4C	Z	1.587	1.587	0	%100
107	MP1B	X	2.749	2.749	0	%100
108	MP1B	Z	1.587	1.587	0	%100
109	MP2B	X	3.047	3.047	0	%100
110	MP2B	Z	1.759	1.759	0	%100
111	MP3B	X	2.749	2.749	0	%100
112	MP3B	Z	1.587	1.587	0	%100
113	MP4B	X	2.749	2.749	0	%100
114	MP4B	Z	1.587	1.587	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	1.421	1.421	0	%100
2	M1	Z	2.462	2.462	0	%100
3	M2	X	.801	.801	0	%100
4	M2	Z	1.388	1.388	0	%100
5	M3	X	1.421	1.421	0	%100
6	M3	Z	2.462	2.462	0	%100
7	M4	X	.801	.801	0	%100
8	M4	Z	1.388	1.388	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	3.205	3.205	0	%100
12	M6	Z	5.551	5.551	0	%100
13	M7	X	1.46	1.46	0	%100
14	M7	Z	2.529	2.529	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	1.231	1.231	0	%100
18	M14	Z	2.132	2.132	0	%100
19	M21	X	0	0	0	%100
20	M21	Z	0	0	0	%100
21	M27	X	1.231	1.231	0	%100
22	M27	Z	2.132	2.132	0	%100
23	M28	X	1.231	1.231	0	%100
24	M28	Z	2.132	2.132	0	%100
25	M35	X	1.46	1.46	0	%100
26	M35	Z	2.529	2.529	0	%100
27	M41	X	1.231	1.231	0	%100
28	M41	Z	2.132	2.132	0	%100
29	M42	X	0	0	0	%100
30	M42	Z	0	0	0	%100
31	M48	X	.021	.021	0	%100
32	M48	Z	.037	.037	0	%100
33	M49	X	1.843	1.843	0	%100
34	M49	Z	3.192	3.192	0	%100
35	M53	X	1.843	1.843	0	%100
36	M53	Z	3.192	3.192	0	%100
37	M54	X	.021	.021	0	%100
38	M54	Z	.037	.037	0	%100
39	M59	X	1.467	1.467	0	%100
40	M59	Z	2.542	2.542	0	%100
41	M60	X	1.467	1.467	0	%100
42	M60	Z	2.542	2.542	0	%100
43	M62	X	.173	.173	0	%100
44	M62	Z	.299	.299	0	%100
45	M64	X	.811	.811	0	%100
46	M64	Z	1.404	1.404	0	%100
47	M66	X	1.732	1.732	0	%100
48	M66	Z	3.001	3.001	0	%100
49	M100	X	1.19	1.19	0	%100
50	M100	Z	2.062	2.062	0	%100
51	M101	X	1.19	1.19	0	%100
52	M101	Z	2.062	2.062	0	%100
53	M102	X	0	0	0	%100
54	M102	Z	0	0	0	%100
55	M105	X	1.02	1.02	0	%100
56	M105	Z	1.766	1.766	0	%100
57	M108	X	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,%]
58	M108	Z	0	0	0	%100
59	M111	X	1.02	1.02	0	%100
60	M111	Z	1.766	1.766	0	%100
61	M134A	X	1.37	1.37	0	%100
62	M134A	Z	2.373	2.373	0	%100
63	M135A	X	1.374	1.374	0	%100
64	M135A	Z	2.381	2.381	0	%100
65	M136	X	1.374	1.374	0	%100
66	M136	Z	2.381	2.381	0	%100
67	M131A	X	1.374	1.374	0	%100
68	M131A	Z	2.381	2.381	0	%100
69	M132A	X	1.374	1.374	0	%100
70	M132A	Z	2.381	2.381	0	%100
71	M135B	X	0	0	0	%100
72	M135B	Z	0	0	0	%100
73	M136A	X	0	0	0	%100
74	M136A	Z	0	0	0	%100
75	MP1A	X	1.587	1.587	0	%100
76	MP1A	Z	2.749	2.749	0	%100
77	M97	X	1.421	1.421	0	%100
78	M97	Z	2.462	2.462	0	%100
79	M98	X	1.421	1.421	0	%100
80	M98	Z	2.462	2.462	0	%100
81	M99	X	0	0	0	%100
82	M99	Z	0	0	0	%100
83	M102A	X	1.51	1.51	0	%100
84	M102A	Z	2.615	2.615	0	%100
85	M102B	X	1.37	1.37	0	%100
86	M102B	Z	2.373	2.373	0	%100
87	M103B	X	1.51	1.51	0	%100
88	M103B	Z	2.615	2.615	0	%100
89	M105A	X	0	0	0	%100
90	M105A	Z	0	0	0	%100
91	M106A	X	0	0	0	%100
92	M106A	Z	0	0	0	%100
93	MP2A	X	1.759	1.759	0	%100
94	MP2A	Z	3.047	3.047	0	%100
95	MP3A	X	1.587	1.587	0	%100
96	MP3A	Z	2.749	2.749	0	%100
97	MP4A	X	1.587	1.587	0	%100
98	MP4A	Z	2.749	2.749	0	%100
99	MP1C	X	1.587	1.587	0	%100
100	MP1C	Z	2.749	2.749	0	%100
101	MP2C	X	1.759	1.759	0	%100
102	MP2C	Z	3.047	3.047	0	%100
103	MP3C	X	1.587	1.587	0	%100
104	MP3C	Z	2.749	2.749	0	%100
105	MP4C	X	1.587	1.587	0	%100
106	MP4C	Z	2.749	2.749	0	%100
107	MP1B	X	1.587	1.587	0	%100
108	MP1B	Z	2.749	2.749	0	%100
109	MP2B	X	1.759	1.759	0	%100
110	MP2B	Z	3.047	3.047	0	%100
111	MP3B	X	1.587	1.587	0	%100
112	MP3B	Z	2.749	2.749	0	%100
113	MP4B	X	1.587	1.587	0	%100
114	MP4B	Z	2.749	2.749	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	.947	.947	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	4.807	4.807	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	3.79	3.79	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	.947	.947	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	4.807	4.807	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	3.894	3.894	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	.821	.821	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	.821	.821	0	%100
19	M21	X	0	0	0	%100
20	M21	Z	.973	.973	0	%100
21	M27	X	0	0	0	%100
22	M27	Z	.821	.821	0	%100
23	M28	X	0	0	0	%100
24	M28	Z	3.282	3.282	0	%100
25	M35	X	0	0	0	%100
26	M35	Z	.973	.973	0	%100
27	M41	X	0	0	0	%100
28	M41	Z	3.282	3.282	0	%100
29	M42	X	0	0	0	%100
30	M42	Z	.821	.821	0	%100
31	M48	X	0	0	0	%100
32	M48	Z	.756	.756	0	%100
33	M49	X	0	0	0	%100
34	M49	Z	4.4	4.4	0	%100
35	M53	X	0	0	0	%100
36	M53	Z	1.507	1.507	0	%100
37	M54	X	0	0	0	%100
38	M54	Z	1.507	1.507	0	%100
39	M59	X	0	0	0	%100
40	M59	Z	4.4	4.4	0	%100
41	M60	X	0	0	0	%100
42	M60	Z	.756	.756	0	%100
43	M62	X	0	0	0	%100
44	M62	Z	2	2	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	.157	.157	0	%100
47	M66	X	0	0	0	%100
48	M66	Z	3.275	3.275	0	%100
49	M100	X	0	0	0	%100
50	M100	Z	.794	.794	0	%100
51	M101	X	0	0	0	%100
52	M101	Z	3.174	3.174	0	%100
53	M102	X	0	0	0	%100
54	M102	Z	.794	.794	0	%100
55	M105	X	0	0	0	%100
56	M105	Z	2.719	2.719	0	%100
57	M108	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,%]
58	M108	Z	.68	.68	0	%100
59	M111	X	0	0	0	%100
60	M111	Z	.68	.68	0	%100
61	M134A	X	0	0	0	%100
62	M134A	Z	.913	.913	0	%100
63	M135A	X	0	0	0	%100
64	M135A	Z	.916	.916	0	%100
65	M136	X	0	0	0	%100
66	M136	Z	.916	.916	0	%100
67	M131A	X	0	0	0	%100
68	M131A	Z	3.665	3.665	0	%100
69	M132A	X	0	0	0	%100
70	M132A	Z	3.665	3.665	0	%100
71	M135B	X	0	0	0	%100
72	M135B	Z	.916	.916	0	%100
73	M136A	X	0	0	0	%100
74	M136A	Z	.916	.916	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	3.174	3.174	0	%100
77	M97	X	0	0	0	%100
78	M97	Z	.947	.947	0	%100
79	M98	X	0	0	0	%100
80	M98	Z	3.79	3.79	0	%100
81	M99	X	0	0	0	%100
82	M99	Z	.947	.947	0	%100
83	M102A	X	0	0	0	%100
84	M102A	Z	1.007	1.007	0	%100
85	M102B	X	0	0	0	%100
86	M102B	Z	3.653	3.653	0	%100
87	M103B	X	0	0	0	%100
88	M103B	Z	4.026	4.026	0	%100
89	M105A	X	0	0	0	%100
90	M105A	Z	.913	.913	0	%100
91	M106A	X	0	0	0	%100
92	M106A	Z	1.007	1.007	0	%100
93	MP2A	X	0	0	0	%100
94	MP2A	Z	3.519	3.519	0	%100
95	MP3A	X	0	0	0	%100
96	MP3A	Z	3.174	3.174	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	3.174	3.174	0	%100
99	MP1C	X	0	0	0	%100
100	MP1C	Z	3.174	3.174	0	%100
101	MP2C	X	0	0	0	%100
102	MP2C	Z	3.519	3.519	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	3.174	3.174	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	3.174	3.174	0	%100
107	MP1B	X	0	0	0	%100
108	MP1B	Z	3.174	3.174	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	3.519	3.519	0	%100
111	MP3B	X	0	0	0	%100
112	MP3B	Z	3.174	3.174	0	%100
113	MP4B	X	0	0	0	%100
114	MP4B	Z	3.174	3.174	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-3.205	-3.205	0	%100
4	M2	Z	5.551	5.551	0	%100
5	M3	X	-1.421	-1.421	0	%100
6	M3	Z	2.462	2.462	0	%100
7	M4	X	-.801	-.801	0	%100
8	M4	Z	1.388	1.388	0	%100
9	M5	X	-1.421	-1.421	0	%100
10	M5	Z	2.462	2.462	0	%100
11	M6	X	-.801	-.801	0	%100
12	M6	Z	1.388	1.388	0	%100
13	M7	X	-1.46	-1.46	0	%100
14	M7	Z	2.529	2.529	0	%100
15	M13	X	-1.231	-1.231	0	%100
16	M13	Z	2.132	2.132	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	0	0	0	%100
19	M21	X	-1.46	-1.46	0	%100
20	M21	Z	2.529	2.529	0	%100
21	M27	X	0	0	0	%100
22	M27	Z	0	0	0	%100
23	M28	X	-1.231	-1.231	0	%100
24	M28	Z	2.132	2.132	0	%100
25	M35	X	0	0	0	%100
26	M35	Z	0	0	0	%100
27	M41	X	-1.231	-1.231	0	%100
28	M41	Z	2.132	2.132	0	%100
29	M42	X	-1.231	-1.231	0	%100
30	M42	Z	2.132	2.132	0	%100
31	M48	X	-1.467	-1.467	0	%100
32	M48	Z	2.542	2.542	0	%100
33	M49	X	-1.467	-1.467	0	%100
34	M49	Z	2.542	2.542	0	%100
35	M53	X	-.021	-.021	0	%100
36	M53	Z	.037	.037	0	%100
37	M54	X	-1.843	-1.843	0	%100
38	M54	Z	3.192	3.192	0	%100
39	M59	X	-1.843	-1.843	0	%100
40	M59	Z	3.192	3.192	0	%100
41	M60	X	-.021	-.021	0	%100
42	M60	Z	.037	.037	0	%100
43	M62	X	-1.732	-1.732	0	%100
44	M62	Z	3.001	3.001	0	%100
45	M64	X	-.173	-.173	0	%100
46	M64	Z	.299	.299	0	%100
47	M66	X	-.811	-.811	0	%100
48	M66	Z	1.404	1.404	0	%100
49	M100	X	0	0	0	%100
50	M100	Z	0	0	0	%100
51	M101	X	-1.19	-1.19	0	%100
52	M101	Z	2.062	2.062	0	%100
53	M102	X	-1.19	-1.19	0	%100
54	M102	Z	2.062	2.062	0	%100
55	M105	X	-1.02	-1.02	0	%100
56	M105	Z	1.766	1.766	0	%100
57	M108	X	-1.02	-1.02	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,%]
58	M108	Z	1.766	1.766	0	%100
59	M111	X	0	0	0	%100
60	M111	Z	0	0	0	%100
61	M134A	X	0	0	0	%100
62	M134A	Z	0	0	0	%100
63	M135A	X	0	0	0	%100
64	M135A	Z	0	0	0	%100
65	M136	X	0	0	0	%100
66	M136	Z	0	0	0	%100
67	M131A	X	-1.374	-1.374	0	%100
68	M131A	Z	2.381	2.381	0	%100
69	M132A	X	-1.374	-1.374	0	%100
70	M132A	Z	2.381	2.381	0	%100
71	M135B	X	-1.374	-1.374	0	%100
72	M135B	Z	2.381	2.381	0	%100
73	M136A	X	-1.374	-1.374	0	%100
74	M136A	Z	2.381	2.381	0	%100
75	MP1A	X	-1.587	-1.587	0	%100
76	MP1A	Z	2.749	2.749	0	%100
77	M97	X	0	0	0	%100
78	M97	Z	0	0	0	%100
79	M98	X	-1.421	-1.421	0	%100
80	M98	Z	2.462	2.462	0	%100
81	M99	X	-1.421	-1.421	0	%100
82	M99	Z	2.462	2.462	0	%100
83	M102A	X	0	0	0	%100
84	M102A	Z	0	0	0	%100
85	M102B	X	-1.37	-1.37	0	%100
86	M102B	Z	2.373	2.373	0	%100
87	M103B	X	-1.51	-1.51	0	%100
88	M103B	Z	2.615	2.615	0	%100
89	M105A	X	-1.37	-1.37	0	%100
90	M105A	Z	2.373	2.373	0	%100
91	M106A	X	-1.51	-1.51	0	%100
92	M106A	Z	2.615	2.615	0	%100
93	MP2A	X	-1.759	-1.759	0	%100
94	MP2A	Z	3.047	3.047	0	%100
95	MP3A	X	-1.587	-1.587	0	%100
96	MP3A	Z	2.749	2.749	0	%100
97	MP4A	X	-1.587	-1.587	0	%100
98	MP4A	Z	2.749	2.749	0	%100
99	MP1C	X	-1.587	-1.587	0	%100
100	MP1C	Z	2.749	2.749	0	%100
101	MP2C	X	-1.759	-1.759	0	%100
102	MP2C	Z	3.047	3.047	0	%100
103	MP3C	X	-1.587	-1.587	0	%100
104	MP3C	Z	2.749	2.749	0	%100
105	MP4C	X	-1.587	-1.587	0	%100
106	MP4C	Z	2.749	2.749	0	%100
107	MP1B	X	-1.587	-1.587	0	%100
108	MP1B	Z	2.749	2.749	0	%100
109	MP2B	X	-1.759	-1.759	0	%100
110	MP2B	Z	3.047	3.047	0	%100
111	MP3B	X	-1.587	-1.587	0	%100
112	MP3B	Z	2.749	2.749	0	%100
113	MP4B	X	-1.587	-1.587	0	%100
114	MP4B	Z	2.749	2.749	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	-.821	-.821	0	%100
2	M1	Z	.474	.474	0	%100
3	M2	X	-4.163	-4.163	0	%100
4	M2	Z	2.404	2.404	0	%100
5	M3	X	-.821	-.821	0	%100
6	M3	Z	.474	.474	0	%100
7	M4	X	-4.163	-4.163	0	%100
8	M4	Z	2.404	2.404	0	%100
9	M5	X	-3.282	-3.282	0	%100
10	M5	Z	1.895	1.895	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-.843	-.843	0	%100
14	M7	Z	.487	.487	0	%100
15	M13	X	-2.843	-2.843	0	%100
16	M13	Z	1.641	1.641	0	%100
17	M14	X	-.711	-.711	0	%100
18	M14	Z	.41	.41	0	%100
19	M21	X	-3.372	-3.372	0	%100
20	M21	Z	1.947	1.947	0	%100
21	M27	X	-.711	-.711	0	%100
22	M27	Z	.41	.41	0	%100
23	M28	X	-.711	-.711	0	%100
24	M28	Z	.41	.41	0	%100
25	M35	X	-.843	-.843	0	%100
26	M35	Z	.487	.487	0	%100
27	M41	X	-.711	-.711	0	%100
28	M41	Z	.41	.41	0	%100
29	M42	X	-2.843	-2.843	0	%100
30	M42	Z	1.641	1.641	0	%100
31	M48	X	-3.81	-3.81	0	%100
32	M48	Z	2.2	2.2	0	%100
33	M49	X	-.655	-.655	0	%100
34	M49	Z	.378	.378	0	%100
35	M53	X	-.655	-.655	0	%100
36	M53	Z	.378	.378	0	%100
37	M54	X	-3.81	-3.81	0	%100
38	M54	Z	2.2	2.2	0	%100
39	M59	X	-1.305	-1.305	0	%100
40	M59	Z	.754	.754	0	%100
41	M60	X	-1.305	-1.305	0	%100
42	M60	Z	.754	.754	0	%100
43	M62	X	-2.837	-2.837	0	%100
44	M62	Z	1.638	1.638	0	%100
45	M64	X	-1.732	-1.732	0	%100
46	M64	Z	1	1	0	%100
47	M66	X	-.136	-.136	0	%100
48	M66	Z	.078	.078	0	%100
49	M100	X	-.687	-.687	0	%100
50	M100	Z	.397	.397	0	%100
51	M101	X	-.687	-.687	0	%100
52	M101	Z	.397	.397	0	%100
53	M102	X	-2.749	-2.749	0	%100
54	M102	Z	1.587	1.587	0	%100
55	M105	X	-.589	-.589	0	%100
56	M105	Z	.34	.34	0	%100
57	M108	X	-2.354	-2.354	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,%]
58	M108	Z	1.359	1.359	0	%100
59	M111	X	-.589	-.589	0	%100
60	M111	Z	.34	.34	0	%100
61	M134A	X	-.791	-.791	0	%100
62	M134A	Z	.457	.457	0	%100
63	M135A	X	-.794	-.794	0	%100
64	M135A	Z	.458	.458	0	%100
65	M136	X	-.794	-.794	0	%100
66	M136	Z	.458	.458	0	%100
67	M131A	X	-.794	-.794	0	%100
68	M131A	Z	.458	.458	0	%100
69	M132A	X	-.794	-.794	0	%100
70	M132A	Z	.458	.458	0	%100
71	M135B	X	-3.174	-3.174	0	%100
72	M135B	Z	1.833	1.833	0	%100
73	M136A	X	-3.174	-3.174	0	%100
74	M136A	Z	1.833	1.833	0	%100
75	MP1A	X	-2.749	-2.749	0	%100
76	MP1A	Z	1.587	1.587	0	%100
77	M97	X	-.821	-.821	0	%100
78	M97	Z	.474	.474	0	%100
79	M98	X	-.821	-.821	0	%100
80	M98	Z	.474	.474	0	%100
81	M99	X	-3.282	-3.282	0	%100
82	M99	Z	1.895	1.895	0	%100
83	M102A	X	-.872	-.872	0	%100
84	M102A	Z	.503	.503	0	%100
85	M102B	X	-.791	-.791	0	%100
86	M102B	Z	.457	.457	0	%100
87	M103B	X	-.872	-.872	0	%100
88	M103B	Z	.503	.503	0	%100
89	M105A	X	-3.164	-3.164	0	%100
90	M105A	Z	1.827	1.827	0	%100
91	M106A	X	-3.487	-3.487	0	%100
92	M106A	Z	2.013	2.013	0	%100
93	MP2A	X	-3.047	-3.047	0	%100
94	MP2A	Z	1.759	1.759	0	%100
95	MP3A	X	-2.749	-2.749	0	%100
96	MP3A	Z	1.587	1.587	0	%100
97	MP4A	X	-2.749	-2.749	0	%100
98	MP4A	Z	1.587	1.587	0	%100
99	MP1C	X	-2.749	-2.749	0	%100
100	MP1C	Z	1.587	1.587	0	%100
101	MP2C	X	-3.047	-3.047	0	%100
102	MP2C	Z	1.759	1.759	0	%100
103	MP3C	X	-2.749	-2.749	0	%100
104	MP3C	Z	1.587	1.587	0	%100
105	MP4C	X	-2.749	-2.749	0	%100
106	MP4C	Z	1.587	1.587	0	%100
107	MP1B	X	-2.749	-2.749	0	%100
108	MP1B	Z	1.587	1.587	0	%100
109	MP2B	X	-3.047	-3.047	0	%100
110	MP2B	Z	1.759	1.759	0	%100
111	MP3B	X	-2.749	-2.749	0	%100
112	MP3B	Z	1.587	1.587	0	%100
113	MP4B	X	-2.749	-2.749	0	%100
114	MP4B	Z	1.587	1.587	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.842	-2.842	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-1.602	-1.602	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-6.41	-6.41	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-2.842	-2.842	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-1.602	-1.602	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M13	X	-2.462	-2.462	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	-2.462	-2.462	0	%100
18	M14	Z	0	0	0	%100
19	M21	X	-2.92	-2.92	0	%100
20	M21	Z	0	0	0	%100
21	M27	X	-2.462	-2.462	0	%100
22	M27	Z	0	0	0	%100
23	M28	X	0	0	0	%100
24	M28	Z	0	0	0	%100
25	M35	X	-2.92	-2.92	0	%100
26	M35	Z	0	0	0	%100
27	M41	X	0	0	0	%100
28	M41	Z	0	0	0	%100
29	M42	X	-2.462	-2.462	0	%100
30	M42	Z	0	0	0	%100
31	M48	X	-3.686	-3.686	0	%100
32	M48	Z	0	0	0	%100
33	M49	X	-.043	-.043	0	%100
34	M49	Z	0	0	0	%100
35	M53	X	-2.935	-2.935	0	%100
36	M53	Z	0	0	0	%100
37	M54	X	-2.935	-2.935	0	%100
38	M54	Z	0	0	0	%100
39	M59	X	-.043	-.043	0	%100
40	M59	Z	0	0	0	%100
41	M60	X	-3.686	-3.686	0	%100
42	M60	Z	0	0	0	%100
43	M62	X	-1.621	-1.621	0	%100
44	M62	Z	0	0	0	%100
45	M64	X	-3.465	-3.465	0	%100
46	M64	Z	0	0	0	%100
47	M66	X	-.346	-.346	0	%100
48	M66	Z	0	0	0	%100
49	M100	X	-2.381	-2.381	0	%100
50	M100	Z	0	0	0	%100
51	M101	X	0	0	0	%100
52	M101	Z	0	0	0	%100
53	M102	X	-2.381	-2.381	0	%100
54	M102	Z	0	0	0	%100
55	M105	X	0	0	0	%100
56	M105	Z	0	0	0	%100
57	M108	X	-2.039	-2.039	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,%]
58	M108	Z	0	0	0	%100
59	M111	X	-2.039	-2.039	0	%100
60	M111	Z	0	0	0	%100
61	M134A	X	-2.74	-2.74	0	%100
62	M134A	Z	0	0	0	%100
63	M135A	X	-2.749	-2.749	0	%100
64	M135A	Z	0	0	0	%100
65	M136	X	-2.749	-2.749	0	%100
66	M136	Z	0	0	0	%100
67	M131A	X	0	0	0	%100
68	M131A	Z	0	0	0	%100
69	M132A	X	0	0	0	%100
70	M132A	Z	0	0	0	%100
71	M135B	X	-2.749	-2.749	0	%100
72	M135B	Z	0	0	0	%100
73	M136A	X	-2.749	-2.749	0	%100
74	M136A	Z	0	0	0	%100
75	MP1A	X	-3.174	-3.174	0	%100
76	MP1A	Z	0	0	0	%100
77	M97	X	-2.842	-2.842	0	%100
78	M97	Z	0	0	0	%100
79	M98	X	0	0	0	%100
80	M98	Z	0	0	0	%100
81	M99	X	-2.842	-2.842	0	%100
82	M99	Z	0	0	0	%100
83	M102A	X	-3.02	-3.02	0	%100
84	M102A	Z	0	0	0	%100
85	M102B	X	0	0	0	%100
86	M102B	Z	0	0	0	%100
87	M103B	X	0	0	0	%100
88	M103B	Z	0	0	0	%100
89	M105A	X	-2.74	-2.74	0	%100
90	M105A	Z	0	0	0	%100
91	M106A	X	-3.02	-3.02	0	%100
92	M106A	Z	0	0	0	%100
93	MP2A	X	-3.519	-3.519	0	%100
94	MP2A	Z	0	0	0	%100
95	MP3A	X	-3.174	-3.174	0	%100
96	MP3A	Z	0	0	0	%100
97	MP4A	X	-3.174	-3.174	0	%100
98	MP4A	Z	0	0	0	%100
99	MP1C	X	-3.174	-3.174	0	%100
100	MP1C	Z	0	0	0	%100
101	MP2C	X	-3.519	-3.519	0	%100
102	MP2C	Z	0	0	0	%100
103	MP3C	X	-3.174	-3.174	0	%100
104	MP3C	Z	0	0	0	%100
105	MP4C	X	-3.174	-3.174	0	%100
106	MP4C	Z	0	0	0	%100
107	MP1B	X	-3.174	-3.174	0	%100
108	MP1B	Z	0	0	0	%100
109	MP2B	X	-3.519	-3.519	0	%100
110	MP2B	Z	0	0	0	%100
111	MP3B	X	-3.174	-3.174	0	%100
112	MP3B	Z	0	0	0	%100
113	MP4B	X	-3.174	-3.174	0	%100
114	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.282	-3.282	0	%100
2	M1	Z	-1.895	-1.895	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-.821	-.821	0	%100
6	M3	Z	-.474	-.474	0	%100
7	M4	X	-4.163	-4.163	0	%100
8	M4	Z	-2.404	-2.404	0	%100
9	M5	X	-.821	-.821	0	%100
10	M5	Z	-.474	-.474	0	%100
11	M6	X	-4.163	-4.163	0	%100
12	M6	Z	-2.404	-2.404	0	%100
13	M7	X	-.843	-.843	0	%100
14	M7	Z	-.487	-.487	0	%100
15	M13	X	-.711	-.711	0	%100
16	M13	Z	-.41	-.41	0	%100
17	M14	X	-2.843	-2.843	0	%100
18	M14	Z	-1.641	-1.641	0	%100
19	M21	X	-.843	-.843	0	%100
20	M21	Z	-.487	-.487	0	%100
21	M27	X	-2.843	-2.843	0	%100
22	M27	Z	-1.641	-1.641	0	%100
23	M28	X	-.711	-.711	0	%100
24	M28	Z	-.41	-.41	0	%100
25	M35	X	-3.372	-3.372	0	%100
26	M35	Z	-1.947	-1.947	0	%100
27	M41	X	-.711	-.711	0	%100
28	M41	Z	-.41	-.41	0	%100
29	M42	X	-.711	-.711	0	%100
30	M42	Z	-.41	-.41	0	%100
31	M48	X	-1.305	-1.305	0	%100
32	M48	Z	-.754	-.754	0	%100
33	M49	X	-1.305	-1.305	0	%100
34	M49	Z	-.754	-.754	0	%100
35	M53	X	-3.81	-3.81	0	%100
36	M53	Z	-2.2	-2.2	0	%100
37	M54	X	-.655	-.655	0	%100
38	M54	Z	-.378	-.378	0	%100
39	M59	X	-.655	-.655	0	%100
40	M59	Z	-.378	-.378	0	%100
41	M60	X	-3.81	-3.81	0	%100
42	M60	Z	-2.2	-2.2	0	%100
43	M62	X	-.136	-.136	0	%100
44	M62	Z	-.078	-.078	0	%100
45	M64	X	-2.837	-2.837	0	%100
46	M64	Z	-1.638	-1.638	0	%100
47	M66	X	-1.732	-1.732	0	%100
48	M66	Z	-1	-1	0	%100
49	M100	X	-2.749	-2.749	0	%100
50	M100	Z	-1.587	-1.587	0	%100
51	M101	X	-.687	-.687	0	%100
52	M101	Z	-.397	-.397	0	%100
53	M102	X	-.687	-.687	0	%100
54	M102	Z	-.397	-.397	0	%100
55	M105	X	-.589	-.589	0	%100
56	M105	Z	-.34	-.34	0	%100
57	M108	X	-.589	-.589	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,%]
58	M108	Z	-.34	-.34	0	%100
59	M111	X	-2.354	-2.354	0	%100
60	M111	Z	-1.359	-1.359	0	%100
61	M134A	X	-3.164	-3.164	0	%100
62	M134A	Z	-1.827	-1.827	0	%100
63	M135A	X	-3.174	-3.174	0	%100
64	M135A	Z	-1.833	-1.833	0	%100
65	M136	X	-3.174	-3.174	0	%100
66	M136	Z	-1.833	-1.833	0	%100
67	M131A	X	-.794	-.794	0	%100
68	M131A	Z	-.458	-.458	0	%100
69	M132A	X	-.794	-.794	0	%100
70	M132A	Z	-.458	-.458	0	%100
71	M135B	X	-.794	-.794	0	%100
72	M135B	Z	-.458	-.458	0	%100
73	M136A	X	-.794	-.794	0	%100
74	M136A	Z	-.458	-.458	0	%100
75	MP1A	X	-2.749	-2.749	0	%100
76	MP1A	Z	-1.587	-1.587	0	%100
77	M97	X	-3.282	-3.282	0	%100
78	M97	Z	-1.895	-1.895	0	%100
79	M98	X	-.821	-.821	0	%100
80	M98	Z	-.474	-.474	0	%100
81	M99	X	-.821	-.821	0	%100
82	M99	Z	-.474	-.474	0	%100
83	M102A	X	-3.487	-3.487	0	%100
84	M102A	Z	-2.013	-2.013	0	%100
85	M102B	X	-.791	-.791	0	%100
86	M102B	Z	-.457	-.457	0	%100
87	M103B	X	-.872	-.872	0	%100
88	M103B	Z	-.503	-.503	0	%100
89	M105A	X	-.791	-.791	0	%100
90	M105A	Z	-.457	-.457	0	%100
91	M106A	X	-.872	-.872	0	%100
92	M106A	Z	-.503	-.503	0	%100
93	MP2A	X	-3.047	-3.047	0	%100
94	MP2A	Z	-1.759	-1.759	0	%100
95	MP3A	X	-2.749	-2.749	0	%100
96	MP3A	Z	-1.587	-1.587	0	%100
97	MP4A	X	-2.749	-2.749	0	%100
98	MP4A	Z	-1.587	-1.587	0	%100
99	MP1C	X	-2.749	-2.749	0	%100
100	MP1C	Z	-1.587	-1.587	0	%100
101	MP2C	X	-3.047	-3.047	0	%100
102	MP2C	Z	-1.759	-1.759	0	%100
103	MP3C	X	-2.749	-2.749	0	%100
104	MP3C	Z	-1.587	-1.587	0	%100
105	MP4C	X	-2.749	-2.749	0	%100
106	MP4C	Z	-1.587	-1.587	0	%100
107	MP1B	X	-2.749	-2.749	0	%100
108	MP1B	Z	-1.587	-1.587	0	%100
109	MP2B	X	-3.047	-3.047	0	%100
110	MP2B	Z	-1.759	-1.759	0	%100
111	MP3B	X	-2.749	-2.749	0	%100
112	MP3B	Z	-1.587	-1.587	0	%100
113	MP4B	X	-2.749	-2.749	0	%100
114	MP4B	Z	-1.587	-1.587	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	-1.421	-1.421	0	%100
2	M1	Z	-2.462	-2.462	0	%100
3	M2	X	-.801	-.801	0	%100
4	M2	Z	-1.388	-1.388	0	%100
5	M3	X	-1.421	-1.421	0	%100
6	M3	Z	-2.462	-2.462	0	%100
7	M4	X	-.801	-.801	0	%100
8	M4	Z	-1.388	-1.388	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-3.205	-3.205	0	%100
12	M6	Z	-5.551	-5.551	0	%100
13	M7	X	-1.46	-1.46	0	%100
14	M7	Z	-2.529	-2.529	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	-1.231	-1.231	0	%100
18	M14	Z	-2.132	-2.132	0	%100
19	M21	X	0	0	0	%100
20	M21	Z	0	0	0	%100
21	M27	X	-1.231	-1.231	0	%100
22	M27	Z	-2.132	-2.132	0	%100
23	M28	X	-1.231	-1.231	0	%100
24	M28	Z	-2.132	-2.132	0	%100
25	M35	X	-1.46	-1.46	0	%100
26	M35	Z	-2.529	-2.529	0	%100
27	M41	X	-1.231	-1.231	0	%100
28	M41	Z	-2.132	-2.132	0	%100
29	M42	X	0	0	0	%100
30	M42	Z	0	0	0	%100
31	M48	X	-.021	-.021	0	%100
32	M48	Z	-.037	-.037	0	%100
33	M49	X	-1.843	-1.843	0	%100
34	M49	Z	-3.192	-3.192	0	%100
35	M53	X	-1.843	-1.843	0	%100
36	M53	Z	-3.192	-3.192	0	%100
37	M54	X	-.021	-.021	0	%100
38	M54	Z	-.037	-.037	0	%100
39	M59	X	-1.467	-1.467	0	%100
40	M59	Z	-2.542	-2.542	0	%100
41	M60	X	-1.467	-1.467	0	%100
42	M60	Z	-2.542	-2.542	0	%100
43	M62	X	-.173	-.173	0	%100
44	M62	Z	-.299	-.299	0	%100
45	M64	X	-.811	-.811	0	%100
46	M64	Z	-1.404	-1.404	0	%100
47	M66	X	-1.732	-1.732	0	%100
48	M66	Z	-3.001	-3.001	0	%100
49	M100	X	-1.19	-1.19	0	%100
50	M100	Z	-2.062	-2.062	0	%100
51	M101	X	-1.19	-1.19	0	%100
52	M101	Z	-2.062	-2.062	0	%100
53	M102	X	0	0	0	%100
54	M102	Z	0	0	0	%100
55	M105	X	-1.02	-1.02	0	%100
56	M105	Z	-1.766	-1.766	0	%100
57	M108	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M108	Z	0	0	0	%100
59	M111	X	-1.02	-1.02	0	%100
60	M111	Z	-1.766	-1.766	0	%100
61	M134A	X	-1.37	-1.37	0	%100
62	M134A	Z	-2.373	-2.373	0	%100
63	M135A	X	-1.374	-1.374	0	%100
64	M135A	Z	-2.381	-2.381	0	%100
65	M136	X	-1.374	-1.374	0	%100
66	M136	Z	-2.381	-2.381	0	%100
67	M131A	X	-1.374	-1.374	0	%100
68	M131A	Z	-2.381	-2.381	0	%100
69	M132A	X	-1.374	-1.374	0	%100
70	M132A	Z	-2.381	-2.381	0	%100
71	M135B	X	0	0	0	%100
72	M135B	Z	0	0	0	%100
73	M136A	X	0	0	0	%100
74	M136A	Z	0	0	0	%100
75	MP1A	X	-1.587	-1.587	0	%100
76	MP1A	Z	-2.749	-2.749	0	%100
77	M97	X	-1.421	-1.421	0	%100
78	M97	Z	-2.462	-2.462	0	%100
79	M98	X	-1.421	-1.421	0	%100
80	M98	Z	-2.462	-2.462	0	%100
81	M99	X	0	0	0	%100
82	M99	Z	0	0	0	%100
83	M102A	X	-1.51	-1.51	0	%100
84	M102A	Z	-2.615	-2.615	0	%100
85	M102B	X	-1.37	-1.37	0	%100
86	M102B	Z	-2.373	-2.373	0	%100
87	M103B	X	-1.51	-1.51	0	%100
88	M103B	Z	-2.615	-2.615	0	%100
89	M105A	X	0	0	0	%100
90	M105A	Z	0	0	0	%100
91	M106A	X	0	0	0	%100
92	M106A	Z	0	0	0	%100
93	MP2A	X	-1.759	-1.759	0	%100
94	MP2A	Z	-3.047	-3.047	0	%100
95	MP3A	X	-1.587	-1.587	0	%100
96	MP3A	Z	-2.749	-2.749	0	%100
97	MP4A	X	-1.587	-1.587	0	%100
98	MP4A	Z	-2.749	-2.749	0	%100
99	MP1C	X	-1.587	-1.587	0	%100
100	MP1C	Z	-2.749	-2.749	0	%100
101	MP2C	X	-1.759	-1.759	0	%100
102	MP2C	Z	-3.047	-3.047	0	%100
103	MP3C	X	-1.587	-1.587	0	%100
104	MP3C	Z	-2.749	-2.749	0	%100
105	MP4C	X	-1.587	-1.587	0	%100
106	MP4C	Z	-2.749	-2.749	0	%100
107	MP1B	X	-1.587	-1.587	0	%100
108	MP1B	Z	-2.749	-2.749	0	%100
109	MP2B	X	-1.759	-1.759	0	%100
110	MP2B	Z	-3.047	-3.047	0	%100
111	MP3B	X	-1.587	-1.587	0	%100
112	MP3B	Z	-2.749	-2.749	0	%100
113	MP4B	X	-1.587	-1.587	0	%100
114	MP4B	Z	-2.749	-2.749	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	-.2	-.2	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-1.488	-1.488	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-.8	-.8	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-.2	-.2	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-1.488	-1.488	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-1.036	-1.036	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	-.181	-.181	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	-.181	-.181	0	%100
19	M21	X	0	0	0	%100
20	M21	Z	-.259	-.259	0	%100
21	M27	X	0	0	0	%100
22	M27	Z	-.181	-.181	0	%100
23	M28	X	0	0	0	%100
24	M28	Z	-.724	-.724	0	%100
25	M35	X	0	0	0	%100
26	M35	Z	-.259	-.259	0	%100
27	M41	X	0	0	0	%100
28	M41	Z	-.724	-.724	0	%100
29	M42	X	0	0	0	%100
30	M42	Z	-.181	-.181	0	%100
31	M48	X	0	0	0	%100
32	M48	Z	-.199	-.199	0	%100
33	M49	X	0	0	0	%100
34	M49	Z	-1.156	-1.156	0	%100
35	M53	X	0	0	0	%100
36	M53	Z	-.396	-.396	0	%100
37	M54	X	0	0	0	%100
38	M54	Z	-.396	-.396	0	%100
39	M59	X	0	0	0	%100
40	M59	Z	-1.156	-1.156	0	%100
41	M60	X	0	0	0	%100
42	M60	Z	-.199	-.199	0	%100
43	M62	X	0	0	0	%100
44	M62	Z	-.445	-.445	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	-.035	-.035	0	%100
47	M66	X	0	0	0	%100
48	M66	Z	-.73	-.73	0	%100
49	M100	X	0	0	0	%100
50	M100	Z	-.147	-.147	0	%100
51	M101	X	0	0	0	%100
52	M101	Z	-.589	-.589	0	%100
53	M102	X	0	0	0	%100
54	M102	Z	-.147	-.147	0	%100
55	M105	X	0	0	0	%100
56	M105	Z	-.642	-.642	0	%100
57	M108	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,%]
58	M108	Z	-.16	-.16	0	%100
59	M111	X	0	0	0	%100
60	M111	Z	-.16	-.16	0	%100
61	M134A	X	0	0	0	%100
62	M134A	Z	-.248	-.248	0	%100
63	M135A	X	0	0	0	%100
64	M135A	Z	-.248	-.248	0	%100
65	M136	X	0	0	0	%100
66	M136	Z	-.248	-.248	0	%100
67	M131A	X	0	0	0	%100
68	M131A	Z	-.992	-.992	0	%100
69	M132A	X	0	0	0	%100
70	M132A	Z	-.992	-.992	0	%100
71	M135B	X	0	0	0	%100
72	M135B	Z	-.248	-.248	0	%100
73	M136A	X	0	0	0	%100
74	M136A	Z	-.248	-.248	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	-.589	-.589	0	%100
77	M97	X	0	0	0	%100
78	M97	Z	-.2	-.2	0	%100
79	M98	X	0	0	0	%100
80	M98	Z	-.8	-.8	0	%100
81	M99	X	0	0	0	%100
82	M99	Z	-.2	-.2	0	%100
83	M102A	X	0	0	0	%100
84	M102A	Z	-.259	-.259	0	%100
85	M102B	X	0	0	0	%100
86	M102B	Z	-.992	-.992	0	%100
87	M103B	X	0	0	0	%100
88	M103B	Z	-1.035	-1.035	0	%100
89	M105A	X	0	0	0	%100
90	M105A	Z	-.248	-.248	0	%100
91	M106A	X	0	0	0	%100
92	M106A	Z	-.259	-.259	0	%100
93	MP2A	X	0	0	0	%100
94	MP2A	Z	-.713	-.713	0	%100
95	MP3A	X	0	0	0	%100
96	MP3A	Z	-.589	-.589	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	-.589	-.589	0	%100
99	MP1C	X	0	0	0	%100
100	MP1C	Z	-.589	-.589	0	%100
101	MP2C	X	0	0	0	%100
102	MP2C	Z	-.713	-.713	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	-.589	-.589	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	-.589	-.589	0	%100
107	MP1B	X	0	0	0	%100
108	MP1B	Z	-.589	-.589	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	-.713	-.713	0	%100
111	MP3B	X	0	0	0	%100
112	MP3B	Z	-.589	-.589	0	%100
113	MP4B	X	0	0	0	%100
114	MP4B	Z	-.589	-.589	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	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	.992	.992	0	%100
4	M2	Z	-1.719	-1.719	0	%100
5	M3	X	.3	.3	0	%100
6	M3	Z	-.519	-.519	0	%100
7	M4	X	.248	.248	0	%100
8	M4	Z	-.43	-.43	0	%100
9	M5	X	.3	.3	0	%100
10	M5	Z	-.519	-.519	0	%100
11	M6	X	.248	.248	0	%100
12	M6	Z	-.43	-.43	0	%100
13	M7	X	.389	.389	0	%100
14	M7	Z	-.673	-.673	0	%100
15	M13	X	.271	.271	0	%100
16	M13	Z	-.47	-.47	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	0	0	0	%100
19	M21	X	.389	.389	0	%100
20	M21	Z	-.673	-.673	0	%100
21	M27	X	0	0	0	%100
22	M27	Z	0	0	0	%100
23	M28	X	.271	.271	0	%100
24	M28	Z	-.47	-.47	0	%100
25	M35	X	0	0	0	%100
26	M35	Z	0	0	0	%100
27	M41	X	.271	.271	0	%100
28	M41	Z	-.47	-.47	0	%100
29	M42	X	.271	.271	0	%100
30	M42	Z	-.47	-.47	0	%100
31	M48	X	.386	.386	0	%100
32	M48	Z	-.668	-.668	0	%100
33	M49	X	.386	.386	0	%100
34	M49	Z	-.668	-.668	0	%100
35	M53	X	.006	.006	0	%100
36	M53	Z	-.01	-.01	0	%100
37	M54	X	.484	.484	0	%100
38	M54	Z	-.839	-.839	0	%100
39	M59	X	.484	.484	0	%100
40	M59	Z	-.839	-.839	0	%100
41	M60	X	.006	.006	0	%100
42	M60	Z	-.01	-.01	0	%100
43	M62	X	.386	.386	0	%100
44	M62	Z	-.668	-.668	0	%100
45	M64	X	.039	.039	0	%100
46	M64	Z	-.067	-.067	0	%100
47	M66	X	.181	.181	0	%100
48	M66	Z	-.313	-.313	0	%100
49	M100	X	0	0	0	%100
50	M100	Z	0	0	0	%100
51	M101	X	.221	.221	0	%100
52	M101	Z	-.383	-.383	0	%100
53	M102	X	.221	.221	0	%100
54	M102	Z	-.383	-.383	0	%100
55	M105	X	.241	.241	0	%100
56	M105	Z	-.417	-.417	0	%100
57	M108	X	.241	.241	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M108	Z	-.417	-.417	0	%100
59	M111	X	0	0	0	%100
60	M111	Z	0	0	0	%100
61	M134A	X	0	0	0	%100
62	M134A	Z	0	0	0	%100
63	M135A	X	0	0	0	%100
64	M135A	Z	0	0	0	%100
65	M136	X	0	0	0	%100
66	M136	Z	0	0	0	%100
67	M131A	X	.372	.372	0	%100
68	M131A	Z	-.645	-.645	0	%100
69	M132A	X	.372	.372	0	%100
70	M132A	Z	-.645	-.645	0	%100
71	M135B	X	.372	.372	0	%100
72	M135B	Z	-.645	-.645	0	%100
73	M136A	X	.372	.372	0	%100
74	M136A	Z	-.645	-.645	0	%100
75	MP1A	X	.295	.295	0	%100
76	MP1A	Z	-.51	-.51	0	%100
77	M97	X	0	0	0	%100
78	M97	Z	0	0	0	%100
79	M98	X	.3	.3	0	%100
80	M98	Z	-.519	-.519	0	%100
81	M99	X	.3	.3	0	%100
82	M99	Z	-.519	-.519	0	%100
83	M102A	X	0	0	0	%100
84	M102A	Z	0	0	0	%100
85	M102B	X	.372	.372	0	%100
86	M102B	Z	-.645	-.645	0	%100
87	M103B	X	.388	.388	0	%100
88	M103B	Z	-.672	-.672	0	%100
89	M105A	X	.372	.372	0	%100
90	M105A	Z	-.645	-.645	0	%100
91	M106A	X	.388	.388	0	%100
92	M106A	Z	-.672	-.672	0	%100
93	MP2A	X	.357	.357	0	%100
94	MP2A	Z	-.618	-.618	0	%100
95	MP3A	X	.295	.295	0	%100
96	MP3A	Z	-.51	-.51	0	%100
97	MP4A	X	.295	.295	0	%100
98	MP4A	Z	-.51	-.51	0	%100
99	MP1C	X	.295	.295	0	%100
100	MP1C	Z	-.51	-.51	0	%100
101	MP2C	X	.357	.357	0	%100
102	MP2C	Z	-.618	-.618	0	%100
103	MP3C	X	.295	.295	0	%100
104	MP3C	Z	-.51	-.51	0	%100
105	MP4C	X	.295	.295	0	%100
106	MP4C	Z	-.51	-.51	0	%100
107	MP1B	X	.295	.295	0	%100
108	MP1B	Z	-.51	-.51	0	%100
109	MP2B	X	.357	.357	0	%100
110	MP2B	Z	-.618	-.618	0	%100
111	MP3B	X	.295	.295	0	%100
112	MP3B	Z	-.51	-.51	0	%100
113	MP4B	X	.295	.295	0	%100
114	MP4B	Z	-.51	-.51	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	.173	.173	0	%100
2	M1	Z	-.1	-.1	0	%100
3	M2	X	1.289	1.289	0	%100
4	M2	Z	-.744	-.744	0	%100
5	M3	X	.173	.173	0	%100
6	M3	Z	-.1	-.1	0	%100
7	M4	X	1.289	1.289	0	%100
8	M4	Z	-.744	-.744	0	%100
9	M5	X	.692	.692	0	%100
10	M5	Z	-.4	-.4	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	.224	.224	0	%100
14	M7	Z	-.13	-.13	0	%100
15	M13	X	.627	.627	0	%100
16	M13	Z	-.362	-.362	0	%100
17	M14	X	.157	.157	0	%100
18	M14	Z	-.09	-.09	0	%100
19	M21	X	.898	.898	0	%100
20	M21	Z	-.518	-.518	0	%100
21	M27	X	.157	.157	0	%100
22	M27	Z	-.09	-.09	0	%100
23	M28	X	.157	.157	0	%100
24	M28	Z	-.09	-.09	0	%100
25	M35	X	.224	.224	0	%100
26	M35	Z	-.13	-.13	0	%100
27	M41	X	.157	.157	0	%100
28	M41	Z	-.09	-.09	0	%100
29	M42	X	.627	.627	0	%100
30	M42	Z	-.362	-.362	0	%100
31	M48	X	1.001	1.001	0	%100
32	M48	Z	-.578	-.578	0	%100
33	M49	X	.172	.172	0	%100
34	M49	Z	-.099	-.099	0	%100
35	M53	X	.172	.172	0	%100
36	M53	Z	-.099	-.099	0	%100
37	M54	X	1.001	1.001	0	%100
38	M54	Z	-.578	-.578	0	%100
39	M59	X	.343	.343	0	%100
40	M59	Z	-.198	-.198	0	%100
41	M60	X	.343	.343	0	%100
42	M60	Z	-.198	-.198	0	%100
43	M62	X	.632	.632	0	%100
44	M62	Z	-.365	-.365	0	%100
45	M64	X	.386	.386	0	%100
46	M64	Z	-.223	-.223	0	%100
47	M66	X	.03	.03	0	%100
48	M66	Z	-.017	-.017	0	%100
49	M100	X	.128	.128	0	%100
50	M100	Z	-.074	-.074	0	%100
51	M101	X	.128	.128	0	%100
52	M101	Z	-.074	-.074	0	%100
53	M102	X	.51	.51	0	%100
54	M102	Z	-.295	-.295	0	%100
55	M105	X	.139	.139	0	%100
56	M105	Z	-.08	-.08	0	%100
57	M108	X	.556	.556	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	M108	Z	-.321	-.321	0	%100
59	M111	X	.139	.139	0	%100
60	M111	Z	-.08	-.08	0	%100
61	M134A	X	.215	.215	0	%100
62	M134A	Z	-.124	-.124	0	%100
63	M135A	X	.215	.215	0	%100
64	M135A	Z	-.124	-.124	0	%100
65	M136	X	.215	.215	0	%100
66	M136	Z	-.124	-.124	0	%100
67	M131A	X	.215	.215	0	%100
68	M131A	Z	-.124	-.124	0	%100
69	M132A	X	.215	.215	0	%100
70	M132A	Z	-.124	-.124	0	%100
71	M135B	X	.859	.859	0	%100
72	M135B	Z	-.496	-.496	0	%100
73	M136A	X	.859	.859	0	%100
74	M136A	Z	-.496	-.496	0	%100
75	MP1A	X	.51	.51	0	%100
76	MP1A	Z	-.295	-.295	0	%100
77	M97	X	.173	.173	0	%100
78	M97	Z	-.1	-.1	0	%100
79	M98	X	.173	.173	0	%100
80	M98	Z	-.1	-.1	0	%100
81	M99	X	.692	.692	0	%100
82	M99	Z	-.4	-.4	0	%100
83	M102A	X	.224	.224	0	%100
84	M102A	Z	-.129	-.129	0	%100
85	M102B	X	.215	.215	0	%100
86	M102B	Z	-.124	-.124	0	%100
87	M103B	X	.224	.224	0	%100
88	M103B	Z	-.129	-.129	0	%100
89	M105A	X	.859	.859	0	%100
90	M105A	Z	-.496	-.496	0	%100
91	M106A	X	.896	.896	0	%100
92	M106A	Z	-.517	-.517	0	%100
93	MP2A	X	.618	.618	0	%100
94	MP2A	Z	-.357	-.357	0	%100
95	MP3A	X	.51	.51	0	%100
96	MP3A	Z	-.295	-.295	0	%100
97	MP4A	X	.51	.51	0	%100
98	MP4A	Z	-.295	-.295	0	%100
99	MP1C	X	.51	.51	0	%100
100	MP1C	Z	-.295	-.295	0	%100
101	MP2C	X	.618	.618	0	%100
102	MP2C	Z	-.357	-.357	0	%100
103	MP3C	X	.51	.51	0	%100
104	MP3C	Z	-.295	-.295	0	%100
105	MP4C	X	.51	.51	0	%100
106	MP4C	Z	-.295	-.295	0	%100
107	MP1B	X	.51	.51	0	%100
108	MP1B	Z	-.295	-.295	0	%100
109	MP2B	X	.618	.618	0	%100
110	MP2B	Z	-.357	-.357	0	%100
111	MP3B	X	.51	.51	0	%100
112	MP3B	Z	-.295	-.295	0	%100
113	MP4B	X	.51	.51	0	%100
114	MP4B	Z	-.295	-.295	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	.6	.6	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	.496	.496	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	1.985	1.985	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	.6	.6	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	.496	.496	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M13	X	.543	.543	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	.543	.543	0	%100
18	M14	Z	0	0	0	%100
19	M21	X	.777	.777	0	%100
20	M21	Z	0	0	0	%100
21	M27	X	.543	.543	0	%100
22	M27	Z	0	0	0	%100
23	M28	X	0	0	0	%100
24	M28	Z	0	0	0	%100
25	M35	X	.777	.777	0	%100
26	M35	Z	0	0	0	%100
27	M41	X	0	0	0	%100
28	M41	Z	0	0	0	%100
29	M42	X	.543	.543	0	%100
30	M42	Z	0	0	0	%100
31	M48	X	.968	.968	0	%100
32	M48	Z	0	0	0	%100
33	M49	X	.011	.011	0	%100
34	M49	Z	0	0	0	%100
35	M53	X	.771	.771	0	%100
36	M53	Z	0	0	0	%100
37	M54	X	.771	.771	0	%100
38	M54	Z	0	0	0	%100
39	M59	X	.011	.011	0	%100
40	M59	Z	0	0	0	%100
41	M60	X	.968	.968	0	%100
42	M60	Z	0	0	0	%100
43	M62	X	.361	.361	0	%100
44	M62	Z	0	0	0	%100
45	M64	X	.772	.772	0	%100
46	M64	Z	0	0	0	%100
47	M66	X	.077	.077	0	%100
48	M66	Z	0	0	0	%100
49	M100	X	.442	.442	0	%100
50	M100	Z	0	0	0	%100
51	M101	X	0	0	0	%100
52	M101	Z	0	0	0	%100
53	M102	X	.442	.442	0	%100
54	M102	Z	0	0	0	%100
55	M105	X	0	0	0	%100
56	M105	Z	0	0	0	%100
57	M108	X	.481	.481	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,%]
58	M108	Z	0	0	0	%100
59	M111	X	.481	.481	0	%100
60	M111	Z	0	0	0	%100
61	M134A	X	.744	.744	0	%100
62	M134A	Z	0	0	0	%100
63	M135A	X	.744	.744	0	%100
64	M135A	Z	0	0	0	%100
65	M136	X	.744	.744	0	%100
66	M136	Z	0	0	0	%100
67	M131A	X	0	0	0	%100
68	M131A	Z	0	0	0	%100
69	M132A	X	0	0	0	%100
70	M132A	Z	0	0	0	%100
71	M135B	X	.744	.744	0	%100
72	M135B	Z	0	0	0	%100
73	M136A	X	.744	.744	0	%100
74	M136A	Z	0	0	0	%100
75	MP1A	X	.589	.589	0	%100
76	MP1A	Z	0	0	0	%100
77	M97	X	.6	.6	0	%100
78	M97	Z	0	0	0	%100
79	M98	X	0	0	0	%100
80	M98	Z	0	0	0	%100
81	M99	X	.6	.6	0	%100
82	M99	Z	0	0	0	%100
83	M102A	X	.776	.776	0	%100
84	M102A	Z	0	0	0	%100
85	M102B	X	0	0	0	%100
86	M102B	Z	0	0	0	%100
87	M103B	X	0	0	0	%100
88	M103B	Z	0	0	0	%100
89	M105A	X	.744	.744	0	%100
90	M105A	Z	0	0	0	%100
91	M106A	X	.776	.776	0	%100
92	M106A	Z	0	0	0	%100
93	MP2A	X	.713	.713	0	%100
94	MP2A	Z	0	0	0	%100
95	MP3A	X	.589	.589	0	%100
96	MP3A	Z	0	0	0	%100
97	MP4A	X	.589	.589	0	%100
98	MP4A	Z	0	0	0	%100
99	MP1C	X	.589	.589	0	%100
100	MP1C	Z	0	0	0	%100
101	MP2C	X	.713	.713	0	%100
102	MP2C	Z	0	0	0	%100
103	MP3C	X	.589	.589	0	%100
104	MP3C	Z	0	0	0	%100
105	MP4C	X	.589	.589	0	%100
106	MP4C	Z	0	0	0	%100
107	MP1B	X	.589	.589	0	%100
108	MP1B	Z	0	0	0	%100
109	MP2B	X	.713	.713	0	%100
110	MP2B	Z	0	0	0	%100
111	MP3B	X	.589	.589	0	%100
112	MP3B	Z	0	0	0	%100
113	MP4B	X	.589	.589	0	%100
114	MP4B	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	.692	.692	0	%100
2	M1	Z	.4	.4	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	.173	.173	0	%100
6	M3	Z	.1	.1	0	%100
7	M4	X	1.289	1.289	0	%100
8	M4	Z	.744	.744	0	%100
9	M5	X	.173	.173	0	%100
10	M5	Z	.1	.1	0	%100
11	M6	X	1.289	1.289	0	%100
12	M6	Z	.744	.744	0	%100
13	M7	X	.224	.224	0	%100
14	M7	Z	.13	.13	0	%100
15	M13	X	.157	.157	0	%100
16	M13	Z	.09	.09	0	%100
17	M14	X	.627	.627	0	%100
18	M14	Z	.362	.362	0	%100
19	M21	X	.224	.224	0	%100
20	M21	Z	.13	.13	0	%100
21	M27	X	.627	.627	0	%100
22	M27	Z	.362	.362	0	%100
23	M28	X	.157	.157	0	%100
24	M28	Z	.09	.09	0	%100
25	M35	X	.898	.898	0	%100
26	M35	Z	.518	.518	0	%100
27	M41	X	.157	.157	0	%100
28	M41	Z	.09	.09	0	%100
29	M42	X	.157	.157	0	%100
30	M42	Z	.09	.09	0	%100
31	M48	X	.343	.343	0	%100
32	M48	Z	.198	.198	0	%100
33	M49	X	.343	.343	0	%100
34	M49	Z	.198	.198	0	%100
35	M53	X	1.001	1.001	0	%100
36	M53	Z	.578	.578	0	%100
37	M54	X	.172	.172	0	%100
38	M54	Z	.099	.099	0	%100
39	M59	X	.172	.172	0	%100
40	M59	Z	.099	.099	0	%100
41	M60	X	1.001	1.001	0	%100
42	M60	Z	.578	.578	0	%100
43	M62	X	.03	.03	0	%100
44	M62	Z	.017	.017	0	%100
45	M64	X	.632	.632	0	%100
46	M64	Z	.365	.365	0	%100
47	M66	X	.386	.386	0	%100
48	M66	Z	.223	.223	0	%100
49	M100	X	.51	.51	0	%100
50	M100	Z	.295	.295	0	%100
51	M101	X	.128	.128	0	%100
52	M101	Z	.074	.074	0	%100
53	M102	X	.128	.128	0	%100
54	M102	Z	.074	.074	0	%100
55	M105	X	.139	.139	0	%100
56	M105	Z	.08	.08	0	%100
57	M108	X	.139	.139	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,%]
58	M108	Z	.08	.08	0	%100
59	M111	X	.556	.556	0	%100
60	M111	Z	.321	.321	0	%100
61	M134A	X	.859	.859	0	%100
62	M134A	Z	.496	.496	0	%100
63	M135A	X	.859	.859	0	%100
64	M135A	Z	.496	.496	0	%100
65	M136	X	.859	.859	0	%100
66	M136	Z	.496	.496	0	%100
67	M131A	X	.215	.215	0	%100
68	M131A	Z	.124	.124	0	%100
69	M132A	X	.215	.215	0	%100
70	M132A	Z	.124	.124	0	%100
71	M135B	X	.215	.215	0	%100
72	M135B	Z	.124	.124	0	%100
73	M136A	X	.215	.215	0	%100
74	M136A	Z	.124	.124	0	%100
75	MP1A	X	.51	.51	0	%100
76	MP1A	Z	.295	.295	0	%100
77	M97	X	.692	.692	0	%100
78	M97	Z	.4	.4	0	%100
79	M98	X	.173	.173	0	%100
80	M98	Z	.1	.1	0	%100
81	M99	X	.173	.173	0	%100
82	M99	Z	.1	.1	0	%100
83	M102A	X	.896	.896	0	%100
84	M102A	Z	.517	.517	0	%100
85	M102B	X	.215	.215	0	%100
86	M102B	Z	.124	.124	0	%100
87	M103B	X	.224	.224	0	%100
88	M103B	Z	.129	.129	0	%100
89	M105A	X	.215	.215	0	%100
90	M105A	Z	.124	.124	0	%100
91	M106A	X	.224	.224	0	%100
92	M106A	Z	.129	.129	0	%100
93	MP2A	X	.618	.618	0	%100
94	MP2A	Z	.357	.357	0	%100
95	MP3A	X	.51	.51	0	%100
96	MP3A	Z	.295	.295	0	%100
97	MP4A	X	.51	.51	0	%100
98	MP4A	Z	.295	.295	0	%100
99	MP1C	X	.51	.51	0	%100
100	MP1C	Z	.295	.295	0	%100
101	MP2C	X	.618	.618	0	%100
102	MP2C	Z	.357	.357	0	%100
103	MP3C	X	.51	.51	0	%100
104	MP3C	Z	.295	.295	0	%100
105	MP4C	X	.51	.51	0	%100
106	MP4C	Z	.295	.295	0	%100
107	MP1B	X	.51	.51	0	%100
108	MP1B	Z	.295	.295	0	%100
109	MP2B	X	.618	.618	0	%100
110	MP2B	Z	.357	.357	0	%100
111	MP3B	X	.51	.51	0	%100
112	MP3B	Z	.295	.295	0	%100
113	MP4B	X	.51	.51	0	%100
114	MP4B	Z	.295	.295	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	.3	.3	0	%100
2	M1	Z	.519	.519	0	%100
3	M2	X	.248	.248	0	%100
4	M2	Z	.43	.43	0	%100
5	M3	X	.3	.3	0	%100
6	M3	Z	.519	.519	0	%100
7	M4	X	.248	.248	0	%100
8	M4	Z	.43	.43	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	.992	.992	0	%100
12	M6	Z	1.719	1.719	0	%100
13	M7	X	.389	.389	0	%100
14	M7	Z	.673	.673	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	.271	.271	0	%100
18	M14	Z	.47	.47	0	%100
19	M21	X	0	0	0	%100
20	M21	Z	0	0	0	%100
21	M27	X	.271	.271	0	%100
22	M27	Z	.47	.47	0	%100
23	M28	X	.271	.271	0	%100
24	M28	Z	.47	.47	0	%100
25	M35	X	.389	.389	0	%100
26	M35	Z	.673	.673	0	%100
27	M41	X	.271	.271	0	%100
28	M41	Z	.47	.47	0	%100
29	M42	X	0	0	0	%100
30	M42	Z	0	0	0	%100
31	M48	X	.006	.006	0	%100
32	M48	Z	.01	.01	0	%100
33	M49	X	.484	.484	0	%100
34	M49	Z	.839	.839	0	%100
35	M53	X	.484	.484	0	%100
36	M53	Z	.839	.839	0	%100
37	M54	X	.006	.006	0	%100
38	M54	Z	.01	.01	0	%100
39	M59	X	.386	.386	0	%100
40	M59	Z	.668	.668	0	%100
41	M60	X	.386	.386	0	%100
42	M60	Z	.668	.668	0	%100
43	M62	X	.039	.039	0	%100
44	M62	Z	.067	.067	0	%100
45	M64	X	.181	.181	0	%100
46	M64	Z	.313	.313	0	%100
47	M66	X	.386	.386	0	%100
48	M66	Z	.668	.668	0	%100
49	M100	X	.221	.221	0	%100
50	M100	Z	.383	.383	0	%100
51	M101	X	.221	.221	0	%100
52	M101	Z	.383	.383	0	%100
53	M102	X	0	0	0	%100
54	M102	Z	0	0	0	%100
55	M105	X	.241	.241	0	%100
56	M105	Z	.417	.417	0	%100
57	M108	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,%]
58	M108	Z	0	0	0	%100
59	M111	X	.241	.241	0	%100
60	M111	Z	.417	.417	0	%100
61	M134A	X	.372	.372	0	%100
62	M134A	Z	.645	.645	0	%100
63	M135A	X	.372	.372	0	%100
64	M135A	Z	.645	.645	0	%100
65	M136	X	.372	.372	0	%100
66	M136	Z	.645	.645	0	%100
67	M131A	X	.372	.372	0	%100
68	M131A	Z	.645	.645	0	%100
69	M132A	X	.372	.372	0	%100
70	M132A	Z	.645	.645	0	%100
71	M135B	X	0	0	0	%100
72	M135B	Z	0	0	0	%100
73	M136A	X	0	0	0	%100
74	M136A	Z	0	0	0	%100
75	MP1A	X	.295	.295	0	%100
76	MP1A	Z	.51	.51	0	%100
77	M97	X	.3	.3	0	%100
78	M97	Z	.519	.519	0	%100
79	M98	X	.3	.3	0	%100
80	M98	Z	.519	.519	0	%100
81	M99	X	0	0	0	%100
82	M99	Z	0	0	0	%100
83	M102A	X	.388	.388	0	%100
84	M102A	Z	.672	.672	0	%100
85	M102B	X	.372	.372	0	%100
86	M102B	Z	.645	.645	0	%100
87	M103B	X	.388	.388	0	%100
88	M103B	Z	.672	.672	0	%100
89	M105A	X	0	0	0	%100
90	M105A	Z	0	0	0	%100
91	M106A	X	0	0	0	%100
92	M106A	Z	0	0	0	%100
93	MP2A	X	.357	.357	0	%100
94	MP2A	Z	.618	.618	0	%100
95	MP3A	X	.295	.295	0	%100
96	MP3A	Z	.51	.51	0	%100
97	MP4A	X	.295	.295	0	%100
98	MP4A	Z	.51	.51	0	%100
99	MP1C	X	.295	.295	0	%100
100	MP1C	Z	.51	.51	0	%100
101	MP2C	X	.357	.357	0	%100
102	MP2C	Z	.618	.618	0	%100
103	MP3C	X	.295	.295	0	%100
104	MP3C	Z	.51	.51	0	%100
105	MP4C	X	.295	.295	0	%100
106	MP4C	Z	.51	.51	0	%100
107	MP1B	X	.295	.295	0	%100
108	MP1B	Z	.51	.51	0	%100
109	MP2B	X	.357	.357	0	%100
110	MP2B	Z	.618	.618	0	%100
111	MP3B	X	.295	.295	0	%100
112	MP3B	Z	.51	.51	0	%100
113	MP4B	X	.295	.295	0	%100
114	MP4B	Z	.51	.51	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	.2	.2	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	1.488	1.488	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	.8	.8	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	.2	.2	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	1.488	1.488	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	1.036	1.036	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	.181	.181	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	.181	.181	0	%100
19	M21	X	0	0	0	%100
20	M21	Z	.259	.259	0	%100
21	M27	X	0	0	0	%100
22	M27	Z	.181	.181	0	%100
23	M28	X	0	0	0	%100
24	M28	Z	.724	.724	0	%100
25	M35	X	0	0	0	%100
26	M35	Z	.259	.259	0	%100
27	M41	X	0	0	0	%100
28	M41	Z	.724	.724	0	%100
29	M42	X	0	0	0	%100
30	M42	Z	.181	.181	0	%100
31	M48	X	0	0	0	%100
32	M48	Z	.199	.199	0	%100
33	M49	X	0	0	0	%100
34	M49	Z	1.156	1.156	0	%100
35	M53	X	0	0	0	%100
36	M53	Z	.396	.396	0	%100
37	M54	X	0	0	0	%100
38	M54	Z	.396	.396	0	%100
39	M59	X	0	0	0	%100
40	M59	Z	1.156	1.156	0	%100
41	M60	X	0	0	0	%100
42	M60	Z	.199	.199	0	%100
43	M62	X	0	0	0	%100
44	M62	Z	.445	.445	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	.035	.035	0	%100
47	M66	X	0	0	0	%100
48	M66	Z	.73	.73	0	%100
49	M100	X	0	0	0	%100
50	M100	Z	.147	.147	0	%100
51	M101	X	0	0	0	%100
52	M101	Z	.589	.589	0	%100
53	M102	X	0	0	0	%100
54	M102	Z	.147	.147	0	%100
55	M105	X	0	0	0	%100
56	M105	Z	.642	.642	0	%100
57	M108	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,%]
58	M108	Z	.16	.16	0	%100
59	M111	X	0	0	0	%100
60	M111	Z	.16	.16	0	%100
61	M134A	X	0	0	0	%100
62	M134A	Z	.248	.248	0	%100
63	M135A	X	0	0	0	%100
64	M135A	Z	.248	.248	0	%100
65	M136	X	0	0	0	%100
66	M136	Z	.248	.248	0	%100
67	M131A	X	0	0	0	%100
68	M131A	Z	.992	.992	0	%100
69	M132A	X	0	0	0	%100
70	M132A	Z	.992	.992	0	%100
71	M135B	X	0	0	0	%100
72	M135B	Z	.248	.248	0	%100
73	M136A	X	0	0	0	%100
74	M136A	Z	.248	.248	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	.589	.589	0	%100
77	M97	X	0	0	0	%100
78	M97	Z	.2	.2	0	%100
79	M98	X	0	0	0	%100
80	M98	Z	.8	.8	0	%100
81	M99	X	0	0	0	%100
82	M99	Z	.2	.2	0	%100
83	M102A	X	0	0	0	%100
84	M102A	Z	.259	.259	0	%100
85	M102B	X	0	0	0	%100
86	M102B	Z	.992	.992	0	%100
87	M103B	X	0	0	0	%100
88	M103B	Z	1.035	1.035	0	%100
89	M105A	X	0	0	0	%100
90	M105A	Z	.248	.248	0	%100
91	M106A	X	0	0	0	%100
92	M106A	Z	.259	.259	0	%100
93	MP2A	X	0	0	0	%100
94	MP2A	Z	.713	.713	0	%100
95	MP3A	X	0	0	0	%100
96	MP3A	Z	.589	.589	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	.589	.589	0	%100
99	MP1C	X	0	0	0	%100
100	MP1C	Z	.589	.589	0	%100
101	MP2C	X	0	0	0	%100
102	MP2C	Z	.713	.713	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	.589	.589	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	.589	.589	0	%100
107	MP1B	X	0	0	0	%100
108	MP1B	Z	.589	.589	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	.713	.713	0	%100
111	MP3B	X	0	0	0	%100
112	MP3B	Z	.589	.589	0	%100
113	MP4B	X	0	0	0	%100
114	MP4B	Z	.589	.589	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-.992	-.992	0	%100
4	M2	Z	1.719	1.719	0	%100
5	M3	X	-.3	-.3	0	%100
6	M3	Z	.519	.519	0	%100
7	M4	X	-.248	-.248	0	%100
8	M4	Z	.43	.43	0	%100
9	M5	X	-.3	-.3	0	%100
10	M5	Z	.519	.519	0	%100
11	M6	X	-.248	-.248	0	%100
12	M6	Z	.43	.43	0	%100
13	M7	X	-.389	-.389	0	%100
14	M7	Z	.673	.673	0	%100
15	M13	X	-.271	-.271	0	%100
16	M13	Z	.47	.47	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	0	0	0	%100
19	M21	X	-.389	-.389	0	%100
20	M21	Z	.673	.673	0	%100
21	M27	X	0	0	0	%100
22	M27	Z	0	0	0	%100
23	M28	X	-.271	-.271	0	%100
24	M28	Z	.47	.47	0	%100
25	M35	X	0	0	0	%100
26	M35	Z	0	0	0	%100
27	M41	X	-.271	-.271	0	%100
28	M41	Z	.47	.47	0	%100
29	M42	X	-.271	-.271	0	%100
30	M42	Z	.47	.47	0	%100
31	M48	X	-.386	-.386	0	%100
32	M48	Z	.668	.668	0	%100
33	M49	X	-.386	-.386	0	%100
34	M49	Z	.668	.668	0	%100
35	M53	X	-.006	-.006	0	%100
36	M53	Z	.01	.01	0	%100
37	M54	X	-.484	-.484	0	%100
38	M54	Z	.839	.839	0	%100
39	M59	X	-.484	-.484	0	%100
40	M59	Z	.839	.839	0	%100
41	M60	X	-.006	-.006	0	%100
42	M60	Z	.01	.01	0	%100
43	M62	X	-.386	-.386	0	%100
44	M62	Z	.668	.668	0	%100
45	M64	X	-.039	-.039	0	%100
46	M64	Z	.067	.067	0	%100
47	M66	X	-.181	-.181	0	%100
48	M66	Z	.313	.313	0	%100
49	M100	X	0	0	0	%100
50	M100	Z	0	0	0	%100
51	M101	X	-.221	-.221	0	%100
52	M101	Z	.383	.383	0	%100
53	M102	X	-.221	-.221	0	%100
54	M102	Z	.383	.383	0	%100
55	M105	X	-.241	-.241	0	%100
56	M105	Z	.417	.417	0	%100
57	M108	X	-.241	-.241	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,%]
58	M108	Z	.417	.417	0	%100
59	M111	X	0	0	0	%100
60	M111	Z	0	0	0	%100
61	M134A	X	0	0	0	%100
62	M134A	Z	0	0	0	%100
63	M135A	X	0	0	0	%100
64	M135A	Z	0	0	0	%100
65	M136	X	0	0	0	%100
66	M136	Z	0	0	0	%100
67	M131A	X	-.372	-.372	0	%100
68	M131A	Z	.645	.645	0	%100
69	M132A	X	-.372	-.372	0	%100
70	M132A	Z	.645	.645	0	%100
71	M135B	X	-.372	-.372	0	%100
72	M135B	Z	.645	.645	0	%100
73	M136A	X	-.372	-.372	0	%100
74	M136A	Z	.645	.645	0	%100
75	MP1A	X	-.295	-.295	0	%100
76	MP1A	Z	.51	.51	0	%100
77	M97	X	0	0	0	%100
78	M97	Z	0	0	0	%100
79	M98	X	-.3	-.3	0	%100
80	M98	Z	.519	.519	0	%100
81	M99	X	-.3	-.3	0	%100
82	M99	Z	.519	.519	0	%100
83	M102A	X	0	0	0	%100
84	M102A	Z	0	0	0	%100
85	M102B	X	-.372	-.372	0	%100
86	M102B	Z	.645	.645	0	%100
87	M103B	X	-.388	-.388	0	%100
88	M103B	Z	.672	.672	0	%100
89	M105A	X	-.372	-.372	0	%100
90	M105A	Z	.645	.645	0	%100
91	M106A	X	-.388	-.388	0	%100
92	M106A	Z	.672	.672	0	%100
93	MP2A	X	-.357	-.357	0	%100
94	MP2A	Z	.618	.618	0	%100
95	MP3A	X	-.295	-.295	0	%100
96	MP3A	Z	.51	.51	0	%100
97	MP4A	X	-.295	-.295	0	%100
98	MP4A	Z	.51	.51	0	%100
99	MP1C	X	-.295	-.295	0	%100
100	MP1C	Z	.51	.51	0	%100
101	MP2C	X	-.357	-.357	0	%100
102	MP2C	Z	.618	.618	0	%100
103	MP3C	X	-.295	-.295	0	%100
104	MP3C	Z	.51	.51	0	%100
105	MP4C	X	-.295	-.295	0	%100
106	MP4C	Z	.51	.51	0	%100
107	MP1B	X	-.295	-.295	0	%100
108	MP1B	Z	.51	.51	0	%100
109	MP2B	X	-.357	-.357	0	%100
110	MP2B	Z	.618	.618	0	%100
111	MP3B	X	-.295	-.295	0	%100
112	MP3B	Z	.51	.51	0	%100
113	MP4B	X	-.295	-.295	0	%100
114	MP4B	Z	.51	.51	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	-.173	-.173	0	%100
2	M1	Z	.1	.1	0	%100
3	M2	X	-1.289	-1.289	0	%100
4	M2	Z	.744	.744	0	%100
5	M3	X	-.173	-.173	0	%100
6	M3	Z	.1	.1	0	%100
7	M4	X	-1.289	-1.289	0	%100
8	M4	Z	.744	.744	0	%100
9	M5	X	-.692	-.692	0	%100
10	M5	Z	.4	.4	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-.224	-.224	0	%100
14	M7	Z	.13	.13	0	%100
15	M13	X	-.627	-.627	0	%100
16	M13	Z	.362	.362	0	%100
17	M14	X	-.157	-.157	0	%100
18	M14	Z	.09	.09	0	%100
19	M21	X	-.898	-.898	0	%100
20	M21	Z	.518	.518	0	%100
21	M27	X	-.157	-.157	0	%100
22	M27	Z	.09	.09	0	%100
23	M28	X	-.157	-.157	0	%100
24	M28	Z	.09	.09	0	%100
25	M35	X	-.224	-.224	0	%100
26	M35	Z	.13	.13	0	%100
27	M41	X	-.157	-.157	0	%100
28	M41	Z	.09	.09	0	%100
29	M42	X	-.627	-.627	0	%100
30	M42	Z	.362	.362	0	%100
31	M48	X	-1.001	-1.001	0	%100
32	M48	Z	.578	.578	0	%100
33	M49	X	-.172	-.172	0	%100
34	M49	Z	.099	.099	0	%100
35	M53	X	-.172	-.172	0	%100
36	M53	Z	.099	.099	0	%100
37	M54	X	-1.001	-1.001	0	%100
38	M54	Z	.578	.578	0	%100
39	M59	X	-.343	-.343	0	%100
40	M59	Z	.198	.198	0	%100
41	M60	X	-.343	-.343	0	%100
42	M60	Z	.198	.198	0	%100
43	M62	X	-.632	-.632	0	%100
44	M62	Z	.365	.365	0	%100
45	M64	X	-.386	-.386	0	%100
46	M64	Z	.223	.223	0	%100
47	M66	X	-.03	-.03	0	%100
48	M66	Z	.017	.017	0	%100
49	M100	X	-.128	-.128	0	%100
50	M100	Z	.074	.074	0	%100
51	M101	X	-.128	-.128	0	%100
52	M101	Z	.074	.074	0	%100
53	M102	X	-.51	-.51	0	%100
54	M102	Z	.295	.295	0	%100
55	M105	X	-.139	-.139	0	%100
56	M105	Z	.08	.08	0	%100
57	M108	X	-.556	-.556	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,%]
58	M108	Z	.321	.321	0	%100
59	M111	X	-.139	-.139	0	%100
60	M111	Z	.08	.08	0	%100
61	M134A	X	-.215	-.215	0	%100
62	M134A	Z	.124	.124	0	%100
63	M135A	X	-.215	-.215	0	%100
64	M135A	Z	.124	.124	0	%100
65	M136	X	-.215	-.215	0	%100
66	M136	Z	.124	.124	0	%100
67	M131A	X	-.215	-.215	0	%100
68	M131A	Z	.124	.124	0	%100
69	M132A	X	-.215	-.215	0	%100
70	M132A	Z	.124	.124	0	%100
71	M135B	X	-.859	-.859	0	%100
72	M135B	Z	.496	.496	0	%100
73	M136A	X	-.859	-.859	0	%100
74	M136A	Z	.496	.496	0	%100
75	MP1A	X	-.51	-.51	0	%100
76	MP1A	Z	.295	.295	0	%100
77	M97	X	-.173	-.173	0	%100
78	M97	Z	.1	.1	0	%100
79	M98	X	-.173	-.173	0	%100
80	M98	Z	.1	.1	0	%100
81	M99	X	-.692	-.692	0	%100
82	M99	Z	.4	.4	0	%100
83	M102A	X	-.224	-.224	0	%100
84	M102A	Z	.129	.129	0	%100
85	M102B	X	-.215	-.215	0	%100
86	M102B	Z	.124	.124	0	%100
87	M103B	X	-.224	-.224	0	%100
88	M103B	Z	.129	.129	0	%100
89	M105A	X	-.859	-.859	0	%100
90	M105A	Z	.496	.496	0	%100
91	M106A	X	-.896	-.896	0	%100
92	M106A	Z	.517	.517	0	%100
93	MP2A	X	-.618	-.618	0	%100
94	MP2A	Z	.357	.357	0	%100
95	MP3A	X	-.51	-.51	0	%100
96	MP3A	Z	.295	.295	0	%100
97	MP4A	X	-.51	-.51	0	%100
98	MP4A	Z	.295	.295	0	%100
99	MP1C	X	-.51	-.51	0	%100
100	MP1C	Z	.295	.295	0	%100
101	MP2C	X	-.618	-.618	0	%100
102	MP2C	Z	.357	.357	0	%100
103	MP3C	X	-.51	-.51	0	%100
104	MP3C	Z	.295	.295	0	%100
105	MP4C	X	-.51	-.51	0	%100
106	MP4C	Z	.295	.295	0	%100
107	MP1B	X	-.51	-.51	0	%100
108	MP1B	Z	.295	.295	0	%100
109	MP2B	X	-.618	-.618	0	%100
110	MP2B	Z	.357	.357	0	%100
111	MP3B	X	-.51	-.51	0	%100
112	MP3B	Z	.295	.295	0	%100
113	MP4B	X	-.51	-.51	0	%100
114	MP4B	Z	.295	.295	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	-.6	-.6	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-.496	-.496	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-1.985	-1.985	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-.6	-.6	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-.496	-.496	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M13	X	-.543	-.543	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	-.543	-.543	0	%100
18	M14	Z	0	0	0	%100
19	M21	X	-.777	-.777	0	%100
20	M21	Z	0	0	0	%100
21	M27	X	-.543	-.543	0	%100
22	M27	Z	0	0	0	%100
23	M28	X	0	0	0	%100
24	M28	Z	0	0	0	%100
25	M35	X	-.777	-.777	0	%100
26	M35	Z	0	0	0	%100
27	M41	X	0	0	0	%100
28	M41	Z	0	0	0	%100
29	M42	X	-.543	-.543	0	%100
30	M42	Z	0	0	0	%100
31	M48	X	-.968	-.968	0	%100
32	M48	Z	0	0	0	%100
33	M49	X	-.011	-.011	0	%100
34	M49	Z	0	0	0	%100
35	M53	X	-.771	-.771	0	%100
36	M53	Z	0	0	0	%100
37	M54	X	-.771	-.771	0	%100
38	M54	Z	0	0	0	%100
39	M59	X	-.011	-.011	0	%100
40	M59	Z	0	0	0	%100
41	M60	X	-.968	-.968	0	%100
42	M60	Z	0	0	0	%100
43	M62	X	-.361	-.361	0	%100
44	M62	Z	0	0	0	%100
45	M64	X	-.772	-.772	0	%100
46	M64	Z	0	0	0	%100
47	M66	X	-.077	-.077	0	%100
48	M66	Z	0	0	0	%100
49	M100	X	-.442	-.442	0	%100
50	M100	Z	0	0	0	%100
51	M101	X	0	0	0	%100
52	M101	Z	0	0	0	%100
53	M102	X	-.442	-.442	0	%100
54	M102	Z	0	0	0	%100
55	M105	X	0	0	0	%100
56	M105	Z	0	0	0	%100
57	M108	X	-.481	-.481	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,%]
58	M108	Z	0	0	0	%100
59	M111	X	-.481	-.481	0	%100
60	M111	Z	0	0	0	%100
61	M134A	X	-.744	-.744	0	%100
62	M134A	Z	0	0	0	%100
63	M135A	X	-.744	-.744	0	%100
64	M135A	Z	0	0	0	%100
65	M136	X	-.744	-.744	0	%100
66	M136	Z	0	0	0	%100
67	M131A	X	0	0	0	%100
68	M131A	Z	0	0	0	%100
69	M132A	X	0	0	0	%100
70	M132A	Z	0	0	0	%100
71	M135B	X	-.744	-.744	0	%100
72	M135B	Z	0	0	0	%100
73	M136A	X	-.744	-.744	0	%100
74	M136A	Z	0	0	0	%100
75	MP1A	X	-.589	-.589	0	%100
76	MP1A	Z	0	0	0	%100
77	M97	X	-.6	-.6	0	%100
78	M97	Z	0	0	0	%100
79	M98	X	0	0	0	%100
80	M98	Z	0	0	0	%100
81	M99	X	-.6	-.6	0	%100
82	M99	Z	0	0	0	%100
83	M102A	X	-.776	-.776	0	%100
84	M102A	Z	0	0	0	%100
85	M102B	X	0	0	0	%100
86	M102B	Z	0	0	0	%100
87	M103B	X	0	0	0	%100
88	M103B	Z	0	0	0	%100
89	M105A	X	-.744	-.744	0	%100
90	M105A	Z	0	0	0	%100
91	M106A	X	-.776	-.776	0	%100
92	M106A	Z	0	0	0	%100
93	MP2A	X	-.713	-.713	0	%100
94	MP2A	Z	0	0	0	%100
95	MP3A	X	-.589	-.589	0	%100
96	MP3A	Z	0	0	0	%100
97	MP4A	X	-.589	-.589	0	%100
98	MP4A	Z	0	0	0	%100
99	MP1C	X	-.589	-.589	0	%100
100	MP1C	Z	0	0	0	%100
101	MP2C	X	-.713	-.713	0	%100
102	MP2C	Z	0	0	0	%100
103	MP3C	X	-.589	-.589	0	%100
104	MP3C	Z	0	0	0	%100
105	MP4C	X	-.589	-.589	0	%100
106	MP4C	Z	0	0	0	%100
107	MP1B	X	-.589	-.589	0	%100
108	MP1B	Z	0	0	0	%100
109	MP2B	X	-.713	-.713	0	%100
110	MP2B	Z	0	0	0	%100
111	MP3B	X	-.589	-.589	0	%100
112	MP3B	Z	0	0	0	%100
113	MP4B	X	-.589	-.589	0	%100
114	MP4B	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	-.692	-.692	0	%100
2	M1	Z	-.4	-.4	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-.173	-.173	0	%100
6	M3	Z	-.1	-.1	0	%100
7	M4	X	-1.289	-1.289	0	%100
8	M4	Z	-.744	-.744	0	%100
9	M5	X	-.173	-.173	0	%100
10	M5	Z	-.1	-.1	0	%100
11	M6	X	-1.289	-1.289	0	%100
12	M6	Z	-.744	-.744	0	%100
13	M7	X	-.224	-.224	0	%100
14	M7	Z	-.13	-.13	0	%100
15	M13	X	-.157	-.157	0	%100
16	M13	Z	-.09	-.09	0	%100
17	M14	X	-.627	-.627	0	%100
18	M14	Z	-.362	-.362	0	%100
19	M21	X	-.224	-.224	0	%100
20	M21	Z	-.13	-.13	0	%100
21	M27	X	-.627	-.627	0	%100
22	M27	Z	-.362	-.362	0	%100
23	M28	X	-.157	-.157	0	%100
24	M28	Z	-.09	-.09	0	%100
25	M35	X	-.898	-.898	0	%100
26	M35	Z	-.518	-.518	0	%100
27	M41	X	-.157	-.157	0	%100
28	M41	Z	-.09	-.09	0	%100
29	M42	X	-.157	-.157	0	%100
30	M42	Z	-.09	-.09	0	%100
31	M48	X	-.343	-.343	0	%100
32	M48	Z	-.198	-.198	0	%100
33	M49	X	-.343	-.343	0	%100
34	M49	Z	-.198	-.198	0	%100
35	M53	X	-1.001	-1.001	0	%100
36	M53	Z	-.578	-.578	0	%100
37	M54	X	-.172	-.172	0	%100
38	M54	Z	-.099	-.099	0	%100
39	M59	X	-.172	-.172	0	%100
40	M59	Z	-.099	-.099	0	%100
41	M60	X	-1.001	-1.001	0	%100
42	M60	Z	-.578	-.578	0	%100
43	M62	X	-.03	-.03	0	%100
44	M62	Z	-.017	-.017	0	%100
45	M64	X	-.632	-.632	0	%100
46	M64	Z	-.365	-.365	0	%100
47	M66	X	-.386	-.386	0	%100
48	M66	Z	-.223	-.223	0	%100
49	M100	X	-.51	-.51	0	%100
50	M100	Z	-.295	-.295	0	%100
51	M101	X	-.128	-.128	0	%100
52	M101	Z	-.074	-.074	0	%100
53	M102	X	-.128	-.128	0	%100
54	M102	Z	-.074	-.074	0	%100
55	M105	X	-.139	-.139	0	%100
56	M105	Z	-.08	-.08	0	%100
57	M108	X	-.139	-.139	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,%]
58	M108	Z	-.08	-.08	0	%100
59	M111	X	-.556	-.556	0	%100
60	M111	Z	-.321	-.321	0	%100
61	M134A	X	-.859	-.859	0	%100
62	M134A	Z	-.496	-.496	0	%100
63	M135A	X	-.859	-.859	0	%100
64	M135A	Z	-.496	-.496	0	%100
65	M136	X	-.859	-.859	0	%100
66	M136	Z	-.496	-.496	0	%100
67	M131A	X	-.215	-.215	0	%100
68	M131A	Z	-.124	-.124	0	%100
69	M132A	X	-.215	-.215	0	%100
70	M132A	Z	-.124	-.124	0	%100
71	M135B	X	-.215	-.215	0	%100
72	M135B	Z	-.124	-.124	0	%100
73	M136A	X	-.215	-.215	0	%100
74	M136A	Z	-.124	-.124	0	%100
75	MP1A	X	-.51	-.51	0	%100
76	MP1A	Z	-.295	-.295	0	%100
77	M97	X	-.692	-.692	0	%100
78	M97	Z	-.4	-.4	0	%100
79	M98	X	-.173	-.173	0	%100
80	M98	Z	-.1	-.1	0	%100
81	M99	X	-.173	-.173	0	%100
82	M99	Z	-.1	-.1	0	%100
83	M102A	X	-.896	-.896	0	%100
84	M102A	Z	-.517	-.517	0	%100
85	M102B	X	-.215	-.215	0	%100
86	M102B	Z	-.124	-.124	0	%100
87	M103B	X	-.224	-.224	0	%100
88	M103B	Z	-.129	-.129	0	%100
89	M105A	X	-.215	-.215	0	%100
90	M105A	Z	-.124	-.124	0	%100
91	M106A	X	-.224	-.224	0	%100
92	M106A	Z	-.129	-.129	0	%100
93	MP2A	X	-.618	-.618	0	%100
94	MP2A	Z	-.357	-.357	0	%100
95	MP3A	X	-.51	-.51	0	%100
96	MP3A	Z	-.295	-.295	0	%100
97	MP4A	X	-.51	-.51	0	%100
98	MP4A	Z	-.295	-.295	0	%100
99	MP1C	X	-.51	-.51	0	%100
100	MP1C	Z	-.295	-.295	0	%100
101	MP2C	X	-.618	-.618	0	%100
102	MP2C	Z	-.357	-.357	0	%100
103	MP3C	X	-.51	-.51	0	%100
104	MP3C	Z	-.295	-.295	0	%100
105	MP4C	X	-.51	-.51	0	%100
106	MP4C	Z	-.295	-.295	0	%100
107	MP1B	X	-.51	-.51	0	%100
108	MP1B	Z	-.295	-.295	0	%100
109	MP2B	X	-.618	-.618	0	%100
110	MP2B	Z	-.357	-.357	0	%100
111	MP3B	X	-.51	-.51	0	%100
112	MP3B	Z	-.295	-.295	0	%100
113	MP4B	X	-.51	-.51	0	%100
114	MP4B	Z	-.295	-.295	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	-.3	-.3	0	%100
2	M1	Z	-.519	-.519	0	%100
3	M2	X	-.248	-.248	0	%100
4	M2	Z	-.43	-.43	0	%100
5	M3	X	-.3	-.3	0	%100
6	M3	Z	-.519	-.519	0	%100
7	M4	X	-.248	-.248	0	%100
8	M4	Z	-.43	-.43	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-.992	-.992	0	%100
12	M6	Z	-1.719	-1.719	0	%100
13	M7	X	-.389	-.389	0	%100
14	M7	Z	-.673	-.673	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	-.271	-.271	0	%100
18	M14	Z	-.47	-.47	0	%100
19	M21	X	0	0	0	%100
20	M21	Z	0	0	0	%100
21	M27	X	-.271	-.271	0	%100
22	M27	Z	-.47	-.47	0	%100
23	M28	X	-.271	-.271	0	%100
24	M28	Z	-.47	-.47	0	%100
25	M35	X	-.389	-.389	0	%100
26	M35	Z	-.673	-.673	0	%100
27	M41	X	-.271	-.271	0	%100
28	M41	Z	-.47	-.47	0	%100
29	M42	X	0	0	0	%100
30	M42	Z	0	0	0	%100
31	M48	X	-.006	-.006	0	%100
32	M48	Z	-.01	-.01	0	%100
33	M49	X	-.484	-.484	0	%100
34	M49	Z	-.839	-.839	0	%100
35	M53	X	-.484	-.484	0	%100
36	M53	Z	-.839	-.839	0	%100
37	M54	X	-.006	-.006	0	%100
38	M54	Z	-.01	-.01	0	%100
39	M59	X	-.386	-.386	0	%100
40	M59	Z	-.668	-.668	0	%100
41	M60	X	-.386	-.386	0	%100
42	M60	Z	-.668	-.668	0	%100
43	M62	X	-.039	-.039	0	%100
44	M62	Z	-.067	-.067	0	%100
45	M64	X	-.181	-.181	0	%100
46	M64	Z	-.313	-.313	0	%100
47	M66	X	-.386	-.386	0	%100
48	M66	Z	-.668	-.668	0	%100
49	M100	X	-.221	-.221	0	%100
50	M100	Z	-.383	-.383	0	%100
51	M101	X	-.221	-.221	0	%100
52	M101	Z	-.383	-.383	0	%100
53	M102	X	0	0	0	%100
54	M102	Z	0	0	0	%100
55	M105	X	-.241	-.241	0	%100
56	M105	Z	-.417	-.417	0	%100
57	M108	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M108	Z	0	0	0	%100
59	M111	X	-.241	-.241	0	%100
60	M111	Z	-.417	-.417	0	%100
61	M134A	X	-.372	-.372	0	%100
62	M134A	Z	-.645	-.645	0	%100
63	M135A	X	-.372	-.372	0	%100
64	M135A	Z	-.645	-.645	0	%100
65	M136	X	-.372	-.372	0	%100
66	M136	Z	-.645	-.645	0	%100
67	M131A	X	-.372	-.372	0	%100
68	M131A	Z	-.645	-.645	0	%100
69	M132A	X	-.372	-.372	0	%100
70	M132A	Z	-.645	-.645	0	%100
71	M135B	X	0	0	0	%100
72	M135B	Z	0	0	0	%100
73	M136A	X	0	0	0	%100
74	M136A	Z	0	0	0	%100
75	MP1A	X	-.295	-.295	0	%100
76	MP1A	Z	-.51	-.51	0	%100
77	M97	X	-.3	-.3	0	%100
78	M97	Z	-.519	-.519	0	%100
79	M98	X	-.3	-.3	0	%100
80	M98	Z	-.519	-.519	0	%100
81	M99	X	0	0	0	%100
82	M99	Z	0	0	0	%100
83	M102A	X	-.388	-.388	0	%100
84	M102A	Z	-.672	-.672	0	%100
85	M102B	X	-.372	-.372	0	%100
86	M102B	Z	-.645	-.645	0	%100
87	M103B	X	-.388	-.388	0	%100
88	M103B	Z	-.672	-.672	0	%100
89	M105A	X	0	0	0	%100
90	M105A	Z	0	0	0	%100
91	M106A	X	0	0	0	%100
92	M106A	Z	0	0	0	%100
93	MP2A	X	-.357	-.357	0	%100
94	MP2A	Z	-.618	-.618	0	%100
95	MP3A	X	-.295	-.295	0	%100
96	MP3A	Z	-.51	-.51	0	%100
97	MP4A	X	-.295	-.295	0	%100
98	MP4A	Z	-.51	-.51	0	%100
99	MP1C	X	-.295	-.295	0	%100
100	MP1C	Z	-.51	-.51	0	%100
101	MP2C	X	-.357	-.357	0	%100
102	MP2C	Z	-.618	-.618	0	%100
103	MP3C	X	-.295	-.295	0	%100
104	MP3C	Z	-.51	-.51	0	%100
105	MP4C	X	-.295	-.295	0	%100
106	MP4C	Z	-.51	-.51	0	%100
107	MP1B	X	-.295	-.295	0	%100
108	MP1B	Z	-.51	-.51	0	%100
109	MP2B	X	-.357	-.357	0	%100
110	MP2B	Z	-.618	-.618	0	%100
111	MP3B	X	-.295	-.295	0	%100
112	MP3B	Z	-.51	-.51	0	%100
113	MP4B	X	-.295	-.295	0	%100
114	MP4B	Z	-.51	-.51	0	%100

Member Distributed Loads (BLC 81 : BLC 39 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M13	Y	-2.763	-4.935	0	.729
2	M13	Y	-4.935	-6.685	.729	1.458
3	M13	Y	-6.685	-6.073	1.458	2.188
4	M13	Y	-6.073	-3.519	2.188	2.917
5	M14	Y	-3.898	-7.015	0	.972
6	M14	Y	-7.015	-6.341	.972	1.944
7	M14	Y	-6.341	-1.878	1.944	2.917
8	M27	Y	-2.768	-4.934	0	.729
9	M27	Y	-4.934	-6.684	.729	1.458
10	M27	Y	-6.684	-6.073	1.458	2.187
11	M27	Y	-6.073	-3.518	2.187	2.917
12	M28	Y	-3.894	-7.014	0	.972
13	M28	Y	-7.014	-6.343	.972	1.944
14	M28	Y	-6.343	-1.881	1.944	2.917
15	M41	Y	-2.768	-4.934	0	.729
16	M41	Y	-4.934	-6.684	.729	1.458
17	M41	Y	-6.684	-6.073	1.458	2.188
18	M41	Y	-6.073	-3.518	2.188	2.917
19	M42	Y	-3.894	-7.014	0	.972
20	M42	Y	-7.014	-6.343	.972	1.944
21	M42	Y	-6.343	-1.881	1.944	2.917

Member Distributed Loads (BLC 82 : BLC 40 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M13	Y	-5.246	-9.371	0	.729
2	M13	Y	-9.371	-12.693	.729	1.458
3	M13	Y	-12.693	-11.53	1.458	2.188
4	M13	Y	-11.53	-6.681	2.188	2.917
5	M14	Y	-7.401	-13.318	0	.972
6	M14	Y	-13.318	-12.04	.972	1.944
7	M14	Y	-12.04	-3.566	1.944	2.917
8	M27	Y	-5.256	-9.368	0	.729
9	M27	Y	-9.368	-12.69	.729	1.458
10	M27	Y	-12.69	-11.53	1.458	2.187
11	M27	Y	-11.53	-6.68	2.187	2.917
12	M28	Y	-7.393	-13.317	0	.972
13	M28	Y	-13.317	-12.044	.972	1.944
14	M28	Y	-12.044	-3.571	1.944	2.917
15	M41	Y	-5.256	-9.368	0	.729
16	M41	Y	-9.368	-12.69	.729	1.458
17	M41	Y	-12.69	-11.53	1.458	2.188
18	M41	Y	-11.53	-6.68	2.188	2.917
19	M42	Y	-7.393	-13.317	0	.972
20	M42	Y	-13.317	-12.044	.972	1.944
21	M42	Y	-12.044	-3.571	1.944	2.917

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N33	N32	N31	N30	Y	Two Way	-.005
2	N64	N67	N66	N65	Y	Two Way	-.005
3	N98	N101	N100	N99	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N33	N32	N31	N30	Y	Two Way	-.01
2	N64	N67	N66	N65	Y	Two Way	-.01
3	N98	N101	N100	N99	Y	Two Way	-.01

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N69	max	2602.73	11	2221.236	18	2353.041	1	.344	12	2.055	8	3.756	17
2		min	-987.241	5	43.421	12	-1072.941	7	-3.554	18	-2.261	2	-.394	11
3	N73A	max	1590.698	10	2179.91	13	1170.648	1	4.919	13	1.841	4	1.181	15
4		min	-1286.205	4	-49.954	7	-3214.804	7	-.706	7	-2.045	10	-.195	9
5	N77	max	1017.562	10	2225.057	21	1775.652	12	.284	3	1.984	12	.421	3
6		min	-2938.399	4	24.773	3	-1012.103	6	-1.557	9	-2.191	6	-4.926	21
7	Totals:	max	4876.775	10	5982.348	22	5264.013	1						
8		min	-4876.776	4	2883.973	4	-5264.011	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*...	phi*...	phi*...	...	Eqn
1	M1	PIPE 3.0	.104	4.622	8	.120	3....		4	52901....	65205	5.749	5.749	...	H1-...
2	M2	PL5/8x8	.147	.375	3	.037	.375	y	18	156780...	1620..	2.109	27	...	H1-...
3	M3	PIPE 3.0	.095	4.622	4	.126	3....		12	52901....	65205	5.749	5.749	...	H1-...
4	M4	PL5/8x8	.140	.375	11	.037	0	y	2	156780...	1620..	2.109	27	...	H1-...
5	M5	PIPE 3.0	.109	3.776	30	.132	3....		8	52901....	65205	5.749	5.749	...	H1-...
6	M6	PL5/8x8	.151	.375	7	.035	.375	y	22	156780...	1620..	2.109	27	...	H1-...
7	M7	PL1/4x4	.150	0	3	.100	0	y	12	5365.3...	32400	.169	2.7	...	H1-...
8	M13	L2x2x3	.039	2.917	3	.010	2....	y	13	15275....	2339..	.558	1.151	...	H2-1
9	M14	L2x2x3	.048	1.428	15	.011	0	z	14	15275....	2339..	.558	1.2	...	H2-1
10	M21	PL1/4x4	.156	0	11	.102	0	y	8	5365.3...	32400	.169	2.7	...	H1-...
11	M27	L2x2x3	.040	2.917	11	.010	2....	y	21	15275....	2339..	.558	1.151	...	H2-1
12	M28	L2x2x3	.048	1.428	23	.011	0	z	21	15275....	2339..	.558	1.213	...	H2-1
13	M35	PL1/4x4	.145	0	7	.102	0	y	4	5365.3...	32400	.169	2.7	...	H1-...
14	M41	L2x2x3	.038	1.367	20	.010	2....	y	18	15275....	2339..	.558	1.159	...	H2-1
15	M42	L2x2x3	.048	1.428	19	.011	0	z	18	15275....	2339..	.558	1.216	...	H2-1
16	M48	L4X2X6	.206	0	10	.019	0	y	7	53216....	6834..	1.291	5.742	...	H2-1
17	M49	L4X2X6	.222	2.447	14	.023	0	y	19	53216....	6834..	1.291	5.742	...	H2-1
18	M53	L4X2X6	.212	0	6	.018	0	y	3	53216....	6834..	1.291	5.742	...	H2-1
19	M54	L4X2X6	.216	2.447	22	.021	0	y	15	53216....	6834..	1.291	5.742	...	H2-1
20	M59	L4X2X6	.213	0	2	.018	0	z	12	53216....	6834..	1.291	5.742	...	H2-1
21	M60	L4X2X6	.224	2.447	18	.022	0	y	23	53216....	6834..	1.291	5.742	...	H2-1
22	M62	HSS4X4X4	.348	3.625	5	.079	3....	z	8	132052...	1395..	16.181	16.181	...	H1-...
23	M64	HSS4X4X4	.358	3.625	1	.072	3....	z	4	132052...	1395..	16.181	16.181	...	H1-...
24	M66	HSS4X4X4	.349	3.625	9	.076	3....	z	12	132052...	1395..	16.181	16.181	...	H1-...
25	M100	PIPE 2.0	.246	8.203	9	.067	11...		11	6295.4...	32130	1.872	1.872	...	H1-...
26	M101	PIPE_2.0	.238	8.203	5	.072	11...		7	6295.4...	32130	1.872	1.872	...	H1-...
27	M102	PIPE 2.0	.248	8.203	1	.067	11...		3	6295.4...	32130	1.872	1.872	...	H1-...
28	M105	L2.5x2.5x4	.178	.718	2	.033	.718	z	3	37913....	38556	1.114	2.537	...	H2-1
29	M108	L2.5x2.5x4	.199	0	7	.034	.718	z	11	37913....	38556	1.114	2.537	...	H2-1
30	M111	L2.5x2.5x4	.180	0	3	.035	0	z	33	37913....	38556	1.114	2.537	...	H2-1
31	M134A	L7x4x4	.490	.436	1	.171	.436	z	43	54385....	87075	1.802	6.519	1	H2-1
32	M135A	PL1/4x4	.266	.378	8	.153	.378	y	7	21137....	32400	.169	2.7	...	H1-...
33	M136	PL1/4x4	.463	0	7	.207	0	y	29	21138....	32400	.169	2.7	...	H1-...
34	M131A	PL1/4x4	.245	.378	3	.149	.378	y	3	21137....	32400	.169	2.7	...	H1-...
35	M132A	PL1/4x4	.433	0	3	.198	0	y	1	21138....	32400	.169	2.7	...	H1-...
36	M135B	PL1/4x4	.252	.378	12	.149	.378	y	11	21137....	32400	.169	2.7	...	H1-...
37	M136A	PL1/4x4	.430	0	11	.197	0	y	9	21138....	32400	.169	2.7	...	H1-...

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*...	phi*...	phi*...	...	Eqn
38	MP1A	PIPE_2.0	.238	4.302	34	.083	.802		7	17855....	32130	1.872	1.872	...	H1-...
39	M97	PIPE_3.0	.186	1.953	9	.209	2....		11	52901....	65205	5.749	5.749	...	H1-...
40	M98	PIPE_3.0	.194	2.474	28	.226	2....		7	52901....	65205	5.749	5.749	...	H1-...
41	M99	PIPE_3.0	.188	1.953	1	.210	2....		3	52901....	65205	5.749	5.749	...	H1-...
42	M102A	L7x4x4	.602	0	11	.065	0	z	7	54385....	87075	1.802	6.519	1	H2-1
43	M102B	L7x4x4	.480	.436	8	.127	.436	z	15	54385....	87075	1.802	6.519	1	H2-1
44	M103B	L7x4x4	.669	0	7	.060	0	z	3	54385....	87075	1.802	6.519	1	H2-1
45	M105A	L7x4x4	.471	.436	23	.122	.436	z	23	54385....	87075	3.705	6.519	1	H2-1
46	M106A	L7x4x4	.621	0	3	.061	0	y	1	54385....	87075	1.802	6.519	1	H2-1
47	MP2A	PIPE_2.5	.320	4.302	1	.076	4....		5	33961....	50715	3.596	3.596	...	H1-...
48	MP3A	PIPE_2.0	.391	4.302	11	.074	4....		7	17855....	32130	1.872	1.872	...	H1-...
49	MP4A	PIPE_2.0	.170	4.302	5	.081	4....		6	17855....	32130	1.872	1.872	...	H1-...
50	MP1C	PIPE_2.0	.153	4.302	18	.077	.802		3	17855....	32130	1.872	1.872	...	H1-...
51	MP2C	PIPE_2.5	.309	4.302	9	.076	4....		5	33961....	50715	3.596	3.596	...	H1-...
52	MP3C	PIPE_2.0	.447	4.302	7	.075	4....		12	17855....	32130	1.872	1.872	...	H1-...
53	MP4C	PIPE_2.0	.179	4.302	7	.084	4....		7	17855....	32130	1.872	1.872	...	H1-...
54	MP1B	PIPE_2.0	.153	4.302	14	.076	.802		11	17855....	32130	1.872	1.872	...	H1-...
55	MP2B	PIPE_2.5	.313	4.302	5	.076	4....		1	33961....	50715	3.596	3.596	...	H1-...
56	MP3B	PIPE_2.0	.401	4.302	3	.084	4....		10	17855....	32130	1.872	1.872	...	H1-...
57	MP4B	PIPE_2.0	.177	4.302	9	.080	4....		3	17855....	32130	1.872	1.872	...	H1-...

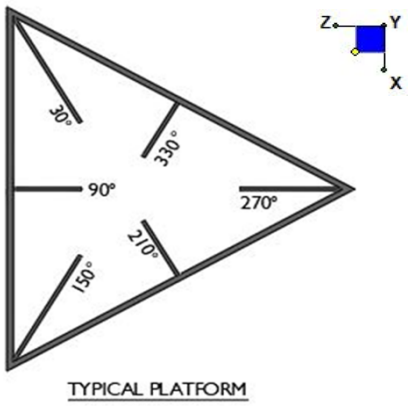
Client:	Verizon Wireless	Date:	5/4/2021
Site Name:	Branford Short Beach CT		
Project No.	21777425A		
Title:	Antenna Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

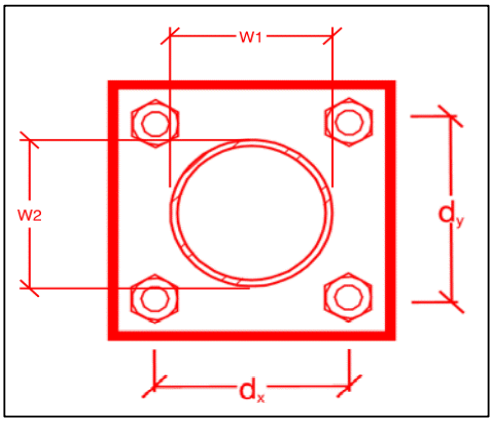
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N73A	240
N69	135
N77	0



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	yes
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):	0.625
Required Tensile Strength (kips):	19.4
Required Shear Strength (kips):	7.5
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**23.4%***
Shear Capacity Overall:	**15.1%**



**Note: Tension reduction not required if tension or shear capacity < 30%*

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	10
Plate Height (in):	10
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.625
Weld Size (1/16 in):	6
Phi*Rn (kip/in):	8.35
Required Weld Strength (kip/in):	3.01
Plate Bending Capacity:	**48.8%**
Weld Capacity:	**36.1%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	14.4
Phi*Mn_{xx} *(kip-in)* :	31.6
Mu_{yy} *(kip-in)* :	1.0
Phi*Mn_{yy} *(kip-in)* :	31.6

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

Purpose – to provide Maser Consulting Connecticut 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:

- Any special photos outside of the standard requirements will be indicated on the passing MA
- Verification that loading is as communicated in the Passing Mount Analysis. NOTE If loading is different than what is conveyed contact Maser Consulting Connecticut immediately.
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- 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.
- The photos in the file structure should be uploaded to ***https://pmi.vzwsmart.com*** as depicted on the drawings

Photo Requirements:

- *Base and "During Installation Photos"*
  - Base pictures include
    - Photo of Gate Signs showing the tower owner, site name, and number
    - Photo of carrier shelter showing the carrier site name and number if available
    - Photos of the galvanizing compound and/or paint used (if applicable), clearly showing the label and name
  - "During Installation Photos if provided - must be placed only in this folder
- *Photos taken at ground level*
  - Overall tower structure before and after installation of the equipment modifications
  - Photos of the appropriate mount before and after installation of the modifications; if the mounts are at different rad elevations, pictures must be provided for all elevations that the modifications were installed
- *Photos taken at Mount Elevation*
  - Photos showing each individual sector before and also after installation of equipment.

- These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis
- Photos showing the safety climb wire rope above and below the mount prior to modification.
- Photos showing the climbing facility and safety climb if present.

Antenna & equipment placement and Geometry Confirmation:

- The contractor must certify that the antenna & equipment placement and geometry is in accordance with the antenna placement diagrams as included in this mount analysis.

☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the antenna placement diagrams as included in this mount analysis.

☐ The contractor notes that the equipment on the mount is not in accordance with the antenna placement diagrams and has accordingly marked up the diagrams or provided a diagram outlining the differences.

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

Contractor shall replace mount pipe in position 2 with a 84" long P2.5 STD mount pipe.

Contractor shall attach the mount pipe to face horizontal with a VZWSMART-MSK2 crossover plate or an EOR equivalent and attach it to the support rail with a VZWSMART-MSK1 crossover plate or an EOR equivalent. Contractor shall attach it to the support rail 9.25" from top of mount pipe.

Positions read from in front of the mount, position one starting on the right side.

Contractor to install safety climb wire clip on existing mount such that the existing safety climb wire does not contact the existing mount members

Response:

Schedule A – Photo & Document File Structure

- VzW Site Number / Name
  - Base & "During Installation" Photos
  - Pre-Installation Photos
    - Alpha
    - Beta
    - Gamma
    - Ground Level
    - Tape Drop
  - Post-Installation Photos
    - Alpha
    - Beta
    - Gamma
    - Ground Level
    - Tape Drop
    - Photos of climbing facility and safety climb – If Present
  - Certifications – Submission of this document including certifications
  - Specific Required Additional Photos

Structure: 468083-VZW - BRANFORD SHORT BEACH CT

Sector: **A**

Structure Type: Monopole

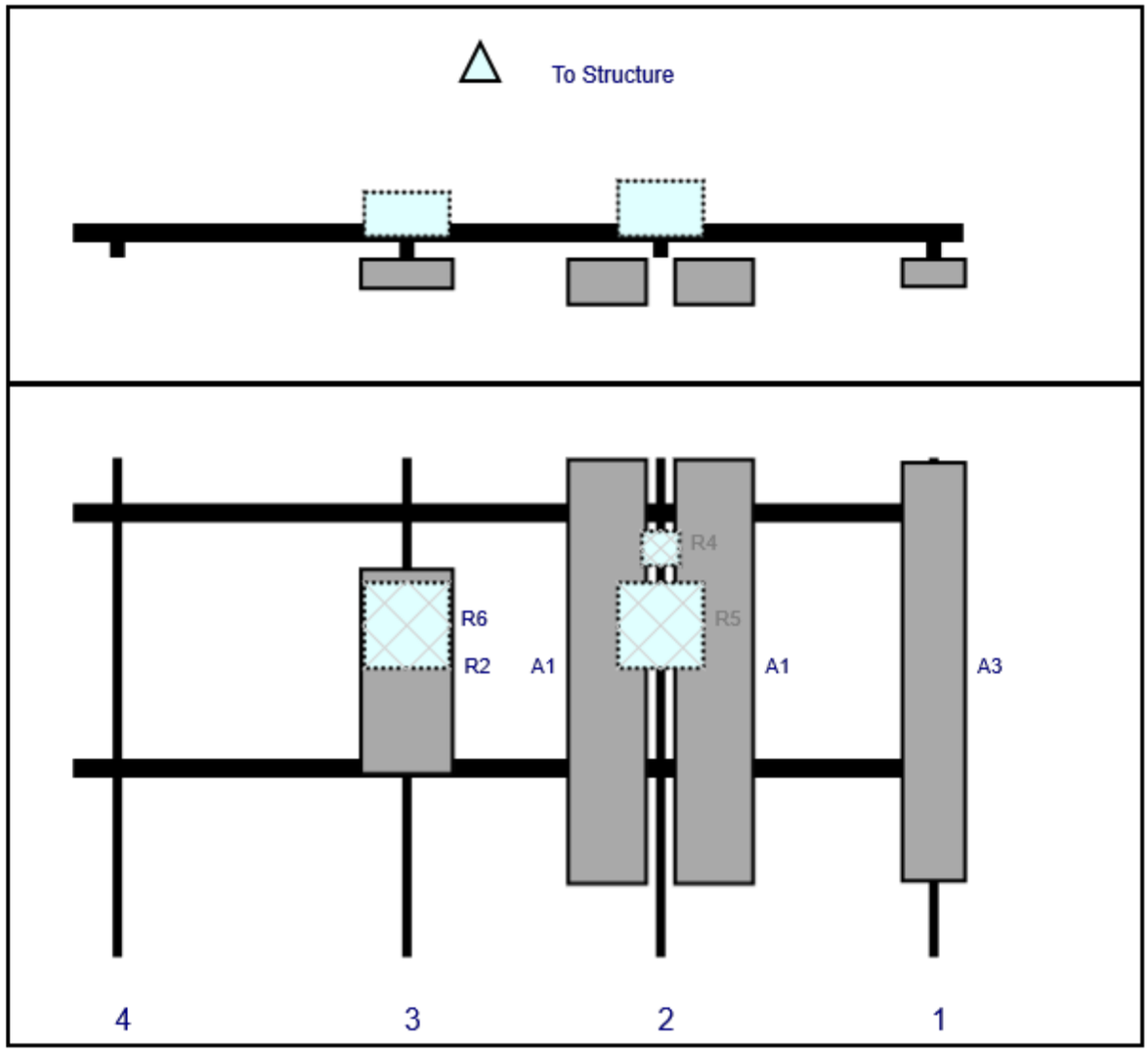
Mount Elev: 98.65

5/4/2021

MASER CONSULTING CONNECTICUT

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	BXA-70063-6CF-EDIN	71	11.2	145	1	a	Front	36	0	Retained	04/01/2021
A1	JAHH-65B-R3B	72	13.8	99	2	a	Front	36	9	Added	
A1	JAHH-65B-R3B	72	13.8	99	2	b	Front	36	-9	Added	
R4	CBC78T-DS-43-2X	6.4	6.9	99	2	a	Behind	15.24	0	Added	
R5	B2/B66A RRH-BR049	15	15	99	2	a	Behind	28.2	0	Added	
R2	MT6407-77A	35.1	16.1	56.25	3	a	Front	36	0	Added	
R6	B5/B13 RRH-BR04C	15	15	56.25	3	a	Behind	28.2	0	Added	

Sector: **B**

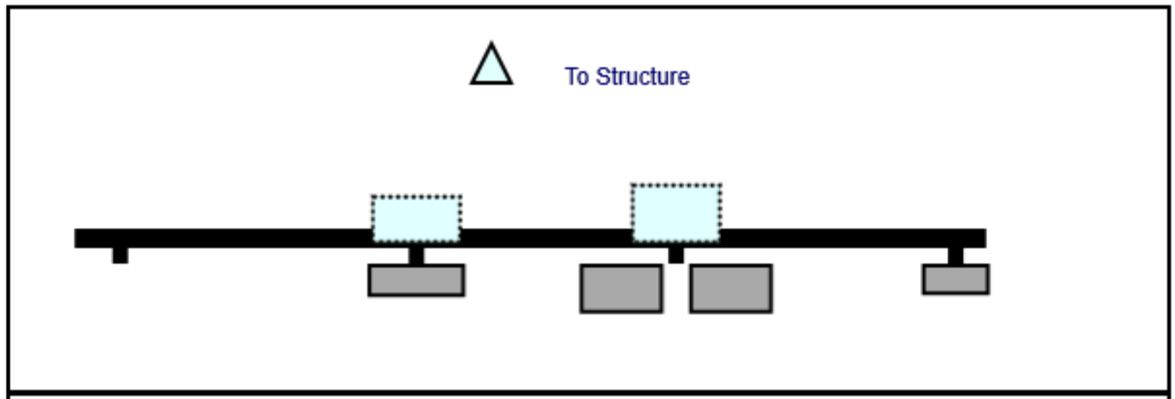
Structure Type: Monopole

Mount Elev: 98.65

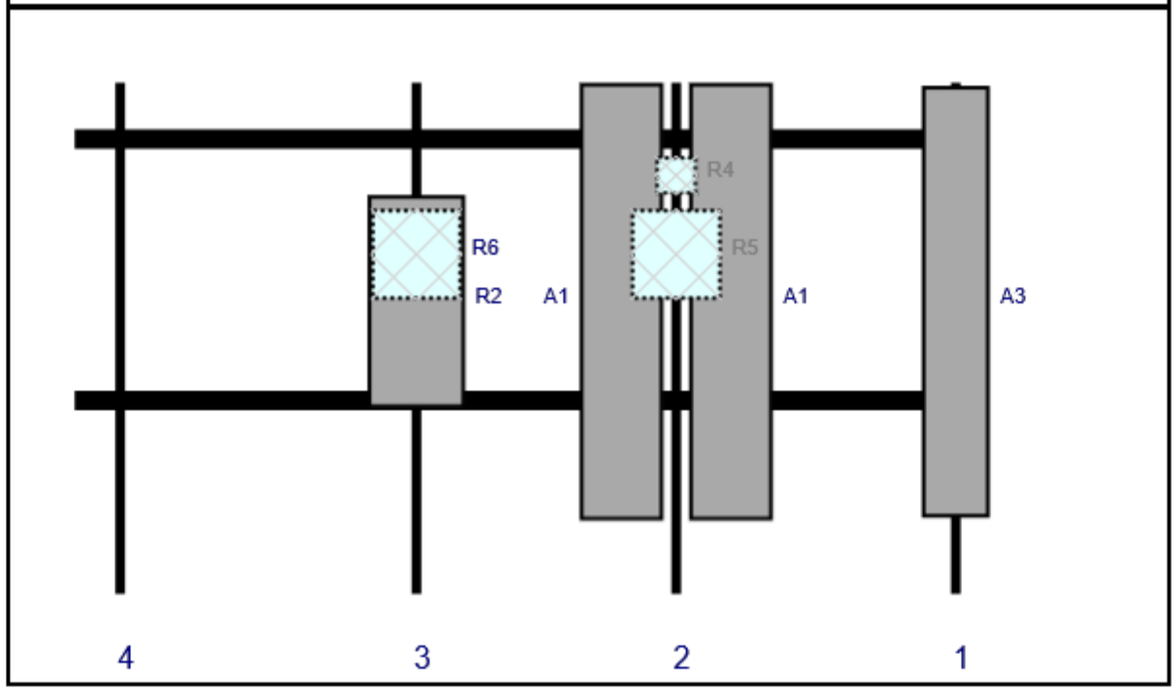
5/4/2021

MASER CONSULTING — CONNECTICUT —

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	BXA-70063-6CF-EDIN	71	11.2	145	1	a	Front	36	0	Retained	04/01/2021
A1	JAHH-65B-R3B	72	13.8	99	2	a	Front	36	9	Added	
A1	JAHH-65B-R3B	72	13.8	99	2	b	Front	36	-9	Added	
R4	CBC78T-DS-43-2X	6.4	6.9	99	2	a	Behind	15.24	0	Added	
R5	B2/B66A RRH-BR049	15	15	99	2	a	Behind	28.2	0	Added	
R2	MT6407-77A	35.1	16.1	56.25	3	a	Front	36	0	Added	
R6	B5/B13 RRH-BR04C	15	15	56.25	3	a	Behind	28.2	0	Added	

Sector: **C**

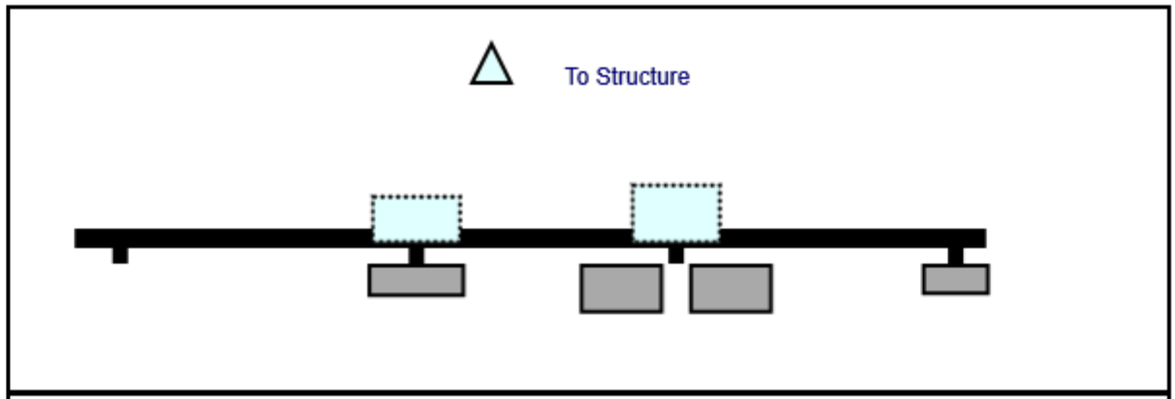
Structure Type: Monopole

Mount Elev: 98.65

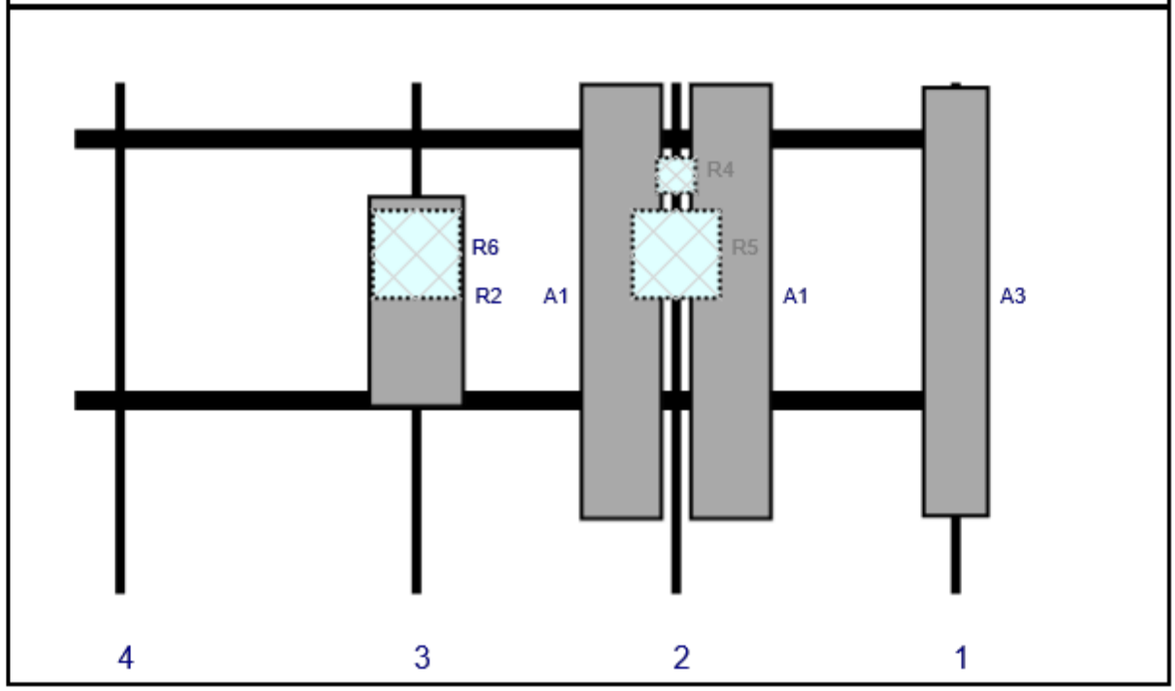
5/4/2021

MASER CONSULTING CONNECTICUT

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	BXA-70063-6CF-EDIN	71	11.2	145	1	a	Front	36	0	Retained	04/01/2021
A1	JAHH-65B-R3B	72	13.8	99	2	a	Front	36	9	Added	
A1	JAHH-65B-R3B	72	13.8	99	2	b	Front	36	-9	Added	
R4	CBC78T-DS-43-2X	6.4	6.9	99	2	a	Behind	15.24	0	Added	
R5	B2/B66A RRH-BR049	15	15	99	2	a	Behind	28.2	0	Added	
R2	MT6407-77A	35.1	16.1	56.25	3	a	Front	36	0	Added	
R6	B5/B13 RRH-BR04C	15	15	56.25	3	a	Behind	28.2	0	Added	

Maser Consulting Connecticut

Subject		TIA-222-H Usage
Site Information	Site ID:	468083-VZW / BRANFORD SHORT BEACH CT
	Site Name:	BRANFORD SHORT BEACH CT
	Carrier Name:	Verizon Wireless
	Address:	171 Short Beach Rd Branford, Connecticut 06405 New Haven County
	Latitude:	41.262789°
	Longitude:	-72.834428°
Structure Information	Tower Type:	120.00-Ft Monopole
	Mount Type:	12.50-Ft Platform

To Whom It May Concern,

We respectfully submit the above referenced Antenna Mount Structural Analysis report in conformance with ANSI/TIA-222-H, Structural Standard for Antenna Supporting Structures and Antennas and Small Wind Turbine Support Structures.

The 2015 International Building Code states that, in Section 3108, telecommunication towers shall be designed and constructed in accordance with the provisions of TIA-222. The TIA-222-H is the latest revision of the TIA-222 Standard, effective as of January 01, 2018.

As with all ANSI standards and engineering best practice is to apply the most current revision of the standard. This ensures the engineer is applying all updates. As an example, the TIA-222-H standard includes updates to bring it in line with the latest AISC and ACI standards and it also incorporates the latest wind speed map by ASCE 7 based on updated studies of the wind data.

The TIA-222-H standard clarifies these specific requirements for the antenna mount analysis such as modeling method, seismic analysis, 30-degree increment wind direction and maintenance loading. Therefore, it is our opinion that TIA-222-H is the most appropriate standard for antenna mount structural analysis and is acceptable for use at this site to ensure the engineer is taking into account the most current engineering standard available.

Sincerely,

Justin Linette, PE
Sr. Technical Manager

Site Name: ***BRANFORD SHORT BEACH***

Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW 700	751	4	628	2511	100	0.0090	0.5007	1.80%
VZW Cellular	874	4	725	2902	100	0.0104	0.5827	1.79%
VZW PCS	1975	4	1565	6258	100	0.0225	1.0000	2.25%
VZW AWS	2120	4	1582	6326	100	0.0228	1.0000	2.28%
VZW CBAND	3730.08	4	6531	26125	100	0.0940	1.0000	9.40%
Total Percentage of Maximum Permissible Exposure								17.52%

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992

**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification filings

MHz = Megahertz

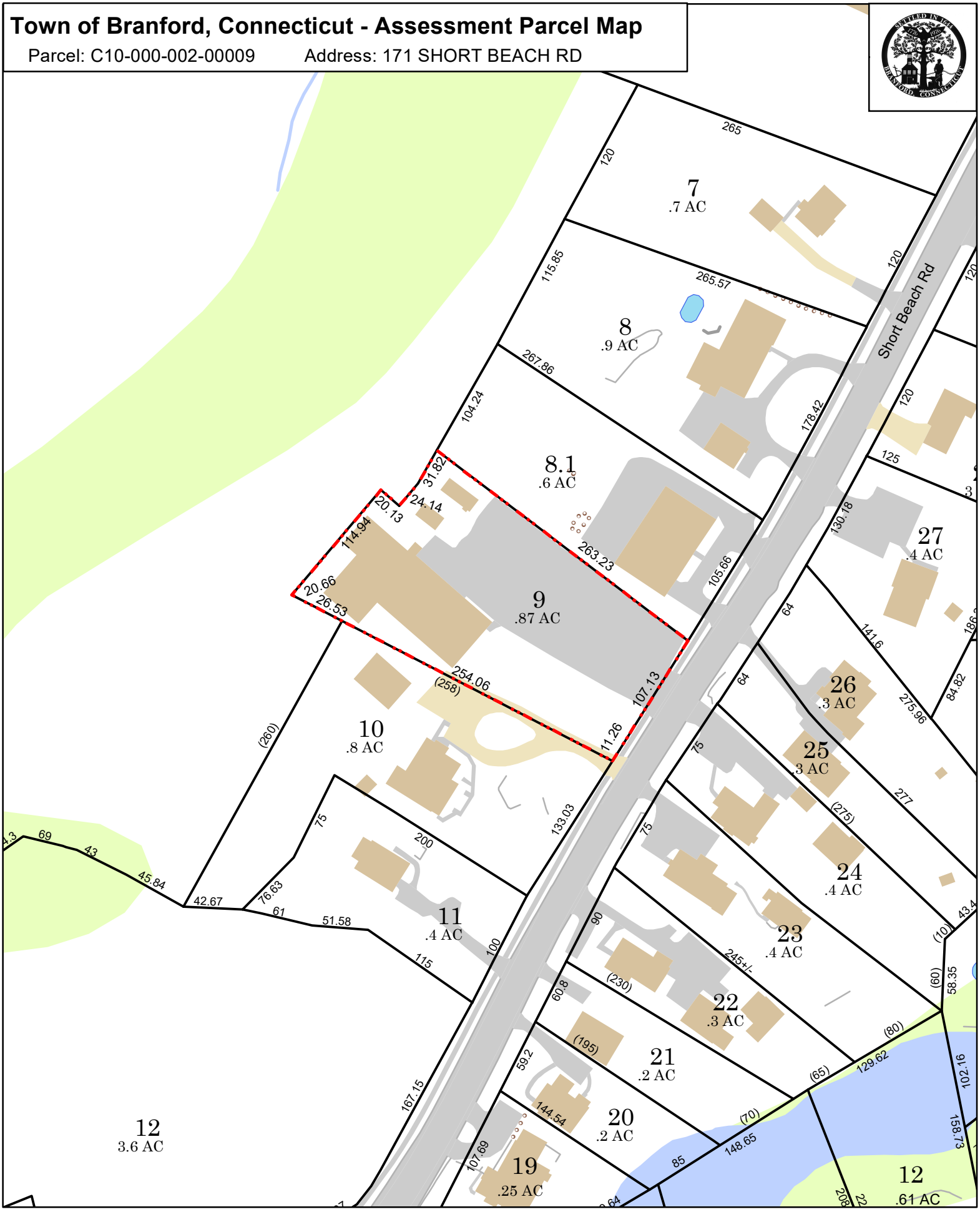
mW/cm^2 = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.

Town of Branford, Connecticut - Assessment Parcel Map

Parcel: C10-000-002-00009 Address: 171 SHORT BEACH RD



Approximate Scale: 1 inch : 100 feet

Grand List Date June 2021

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

Property Location: 171 SHORT BEACH RD | **MAP ID:** C10/000 002/ 00009/ / | **Bldg Name:** | **State Use:** 4000

Vision ID: 688 | **Account #** 000573 | **Bldg #:** 1 of 1 | **Sec #:** 1 of 1 | **Card** 1 of 1 | **Print Date:** 04/30/2020 13:44

CURRENT OWNER	TOPO.	UTILITIES	STRT./ROAD	LOCATION
171 SHORT BEACH ROAD REALTY L	1 Level	2 Public Water	1 Paved	2 Suburban
		3 Public Sewer		
171 SHORT BEACH RD				
BRANFORD, CT 06405				
Additional Owners:				

SUPPLEMENTAL DATA

Other ID:	C10/000/002/00009/	HLDG TK	
CONDO BLDG		SEPTIC	
CONDO UNIT		SEWER	
CONDO FLOOI		DISTRICT	
		CENSUS TR	1843
PARCEL DESC			
GIS ID:	C10/000/002/00009	*ASSOC PID#*	

CURRENT ASSESSMENT

Description	Code	Appraised Value	Assessed Value
IND LAND	3-1	111,650	78,210
IND BLDG	3-2	249,480	174,680
IND IMPR	3-3	34,540	24,090
UTL LAND	4-1	226,600	158,620
	Total	622,270	435,600

6014
BRANFORD, CT

VISION

RECORD OF OWNERSHIP

	BK-VOL/PAGE	SALE DATE	q/u	v/i	SALE PRICE	V.C.
171 SHORT BEACH ROAD REALTY LLC	0960/0925	08/29/2006	Q	I	380,000	
BATROW ALICE	0640/0284	01/12/1998				
BATROW ALICE ET ALS	0475/0297					

PREVIOUS ASSESSMENTS (HISTORY)

Yr.	Code	Assessed Value	Yr.	Code	Assessed Value	Yr.	Code	Assessed Value
2019	3-1	78,210	2019	3-1	78,210	2018	3-1	71,100
2019	3-2	174,680	2019	3-2	174,680	2018	3-2	143,100
2019	3-3	24,090	2019	3-3	24,090	2018	3-3	14,300
2019	4-1	158,620	2019	4-1	158,620	2018	4-1	140,000
	Total:	435,600		*Total:*	435,600		*Total:*	368,500

EXEMPTIONS

Year	Type	Description	Amount
		Total:	

OTHER ASSESSMENTS

Code	Description	Number	Amount	Comm. Int.

This signature acknowledges a visit by a Data Collector or Assessor

APPRAISED VALUE SUMMARY

Appraised Bldg. Value (Card)	224,500
Appraised XF (B) Value (Bldg)	2,300
Appraised OB (L) Value (Bldg)	31,400
Appraised Land Value (Bldg)	307,500
Special Land Value	0
Total Appraised Parcel Value	622,270
Valuation Method:	C
Adjustment:	0
Net Total Appraised Parcel Value	622,270

ASSESSING NEIGHBORHOOD

NBHD/ SUB	NBHD Name	Street Index Name	Tracing	Batch
0050/A				

NOTES

AIR INC 2019 I&E PENALTY NG
AOF TOTAL RENOVATION + EXPANSION AFTER
2006 SALE
SHD6=CELL TOWER EQUIPMENT SHEDS
ECO=USE/LOC REAR
2018 AMERICAN TOWER CELL SITE #283422
VERIZON & AT&T; 2018-IG
V1162P583 FILED 8/29/14
BOUNDARY LINE AGREEMENT
SMAP 3769 FILED 8/29/14
EASEMENT V1253 P993 AMERICAN TOWER

BUILDING PERMIT RECORD

Permit ID	Issue Date	Type	Description	Amount	Insp. Date	% Comp.	Date Comp.	Comments
19-00680	06/26/2019	HA	HVAC	5,654	08/27/2019	100		REPL CONDENSER &
00247-2013	04/28/2014	CO	CO ISSUED	0	10/21/2014	100		INSTALL 120' TELECC
14-00070-1	02/10/2014	CM	Commercial	4,500	10/21/2014	100		TIE IN FEEDER TO PR
14-00070	02/07/2014	CM	Commercial	50,000	10/21/2014	100		ANTENNAS (12) ON EX
00495-2013	01/30/2014	CM	Commercial	0	10/21/2014	100		ATTACH ANTENNAS T
13-00495-3	11/18/2013	CM	Commercial	3,500	10/21/2014	100		RUN GAS PIPE FROM
13-00495-2	10/01/2013	CM	Commercial	4,900	10/21/2014	100		CELL TOWER GAS PI

VISIT/ CHANGE HISTORY

Date	Type	IS	ID	Cd.	Purpose/Result
09/27/2019			KN	11	Field Review
08/27/2019			ECS	37	Bldg Permit
10/23/2018			ECS	00	Measur+Listed
10/21/2014			DV	37	Bldg Permit
08/01/2014			JG	11	Field Review

LAND LINE VALUATION SECTION

B #	Use Code	Use Description	Zone	D	Front	Depth	Units		Unit Price	I. Factor	S.A.	Acre Disc	C. Factor	ST. Idx	Adj.	Notes- Adj	Special Pricing		S Adj Fact	Adj. Unit Price	Land Value
1	4000	MFRG MDL96	R-4				0.34	AC	109,600.00	2.6165	5	1.0000	1.00	0050	1.00				1.00		97,500
1	4000	MFRG MDL96	R-4				0.53	AC	7,500.00	1.0000	0	1.0000	1.00	0050	1.00				1.00		4,000
1	4310	TEL REL TW MDL96	R-4				1.00	BL	206,000.00	1.0000	0	1.0000	1.00		0.00	CELL SITE			1.00		206,000

Total Card Land Units: 0.87 AC | **Parcel Total Land Area:** 0.87 AC | **Total Land Value:** 307,500

Property Location: 171 SHORT BEACH RD **MAP ID:** C10/000 002/ 00009/ / **Bldg Name:** **State Use:** 4000

Vision ID: 688 **Account #** 000573 **Bldg #:** 1 of 1 **Sec #:** 1 of 1 **Card** 1 of 1 **Print Date:** 04/30/2020 13:44

CONSTRUCTION DETAIL

Element	Cd.	Ch.	Description
Style	40		Lt. Industrial
Model	96		Ind/Comm
Grade	03		C
Stories	1		
Occupancy	1		
Exterior Wall 1	15		Concr/Cinder
Exterior Wall 2	25		Vinyl Siding
Roof Structure	03		Gable/Hip
Roof Cover	03		Asphalt
Interior Wall 1	01		Minim/Masonry
Interior Wall 2	05		Drywall
Interior Floor 1	03		Concr-Finished
Interior Floor 2	14		Carpet
Heating Fuel	03		Gas
Heating Type	04		Forced Air-Duc
AC Type	02		Heat Pump
Bldg Use	4000		MFRG MDL96
Total Rooms			
Total Bedrms	00		
Total Baths	0		
Heat/AC	01		HEAT/AC PKGS
Frame Type	03		MASONRY
Baths/Plumbing	02		AVERAGE
Ceiling/Wall	04		CEIL & MIN WL
Rooms/Prtns	02		AVERAGE
Wall Height	10		
% Comn Wall	0		

CONSTRUCTION DETAIL (CONTINUED)

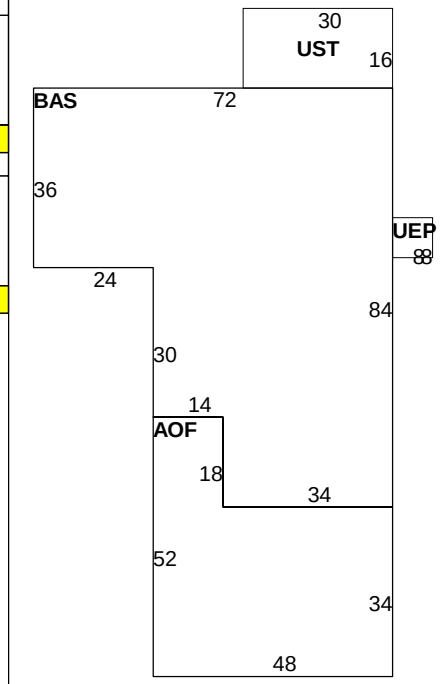
Element	Cd.	Ch.	Description

MIXED USE

Code	Description	Percentage
4000	MFRG MDL96	100

COST/MARKET VALUATION

Adj. Base Rate:	57.18
Replace Cost	408,151
AYB	1955
Dep Code	G
Remodel Rating	
Year Remodeled	
Dep %	35
Functional Obslnc	
External Obslnc	10
Cost Trend Factor	
Condition	
% Complete	
Overall % Cond	55
Apprais Val	224,500
Dep % Ovr	0
Dep Ovr Comment	
Misc Imp Ovr	0
Misc Imp Ovr Comment	
Cost to Cure Ovr	0
Cost to Cure Ovr Comment	



OB-OUTBUILDING & YARD ITEMS(L) / XF-BUILDING EXTRA FEATURES(B)

Code	Description	Sub	Sub Descript	L/B	Units	Unit Price	Yr	Gde	Dp Rt	Cnd	%Cnd	Apr Value
PAV1	PAVING-ASPH			L	17,220	1.65	2009		0		50	14,200
PAV2	PAVING-CON			L	600	3.30	2013		0		100	2,000
SHD6	SHED COM M			L	240	22.00	2013		0		100	5,300
SHD6	SHED COM M			L	360	22.00	2013		0		100	7,900
FN9	W/O TOP RL-8			L	200	9.90	2013		0		100	2,000
A/C	AIR CONDITI			B	1,884	2.20	1984		1		100	2,300

BUILDING SUB-AREA SUMMARY SECTION

Code	Description	Living Area	Gross Area	Eff. Area	Unit Cost	Undeprec. Value
AOF	Office	1,884	1,884	2,355	71.48	134,659
BAS	First Floor	4,644	4,644	4,644	57.18	265,544
UEP	Unfin Encl Porch	0	64	19	16.98	1,086
UST	Utility, Storage, Unfinished	0	480	120	14.30	6,862
	Ttl. Gross Liv/Lease Area:	6,528	7,072	7,138		408,151