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

February 23, 2022

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

RE: Notice of Exempt Modification // Site: Southbury CT (ATC: 411188)
111 Upper Fishrock Rd. Southbury, CT, 06488
N 41.43817 // W 73.23786

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains Twelve (12) antenna at approximately 99' level on the existing 115 ft Tower, located at 111 Upper Fishrock Road, Southbury, CT. The tower is owned by American Tower. The property is owned by The Carl Ferencek. Verizon Wireless now intends to install twelve (12) new antenna for the LTE (3700 MHz) replacements for its 5G upgrade. Additionally, Verizon Wireless will be removing six (6) existing antenna, nine (9) RRH's and two (2) OVP's with associated cabling and will additionally install six (6) RRH's, three (3) Diplexers and one (1) OVP with 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 Jeff Manville, First Selectman, its Building Enforcement Officer, Mark D. Cody, American Tower, the tower owner and the Carl Ferencek is the property owner.

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 January 20, 2022, by Colliers Engineering & Design, a structural analysis dated January 11, 2022, by CLS Engineering PLLC., and a structural mount analysis by Maser Consulting Connecticut date November 17, 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 January 11, 2022, and a structural mount analysis by Maser Consulting Connecticut, dated November 17, 2021, pursuant to certain conditions defined therein. Design and engineering is fully illustrated within final construction drawings, signed and stamped dated January 20, 2022.

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: Jeff Manville, First Selectman – Chief Elected Official
Mark D. Cody – Zoning Enforcement Officer - as P&Z official
Carl Ferencek - Property Owner

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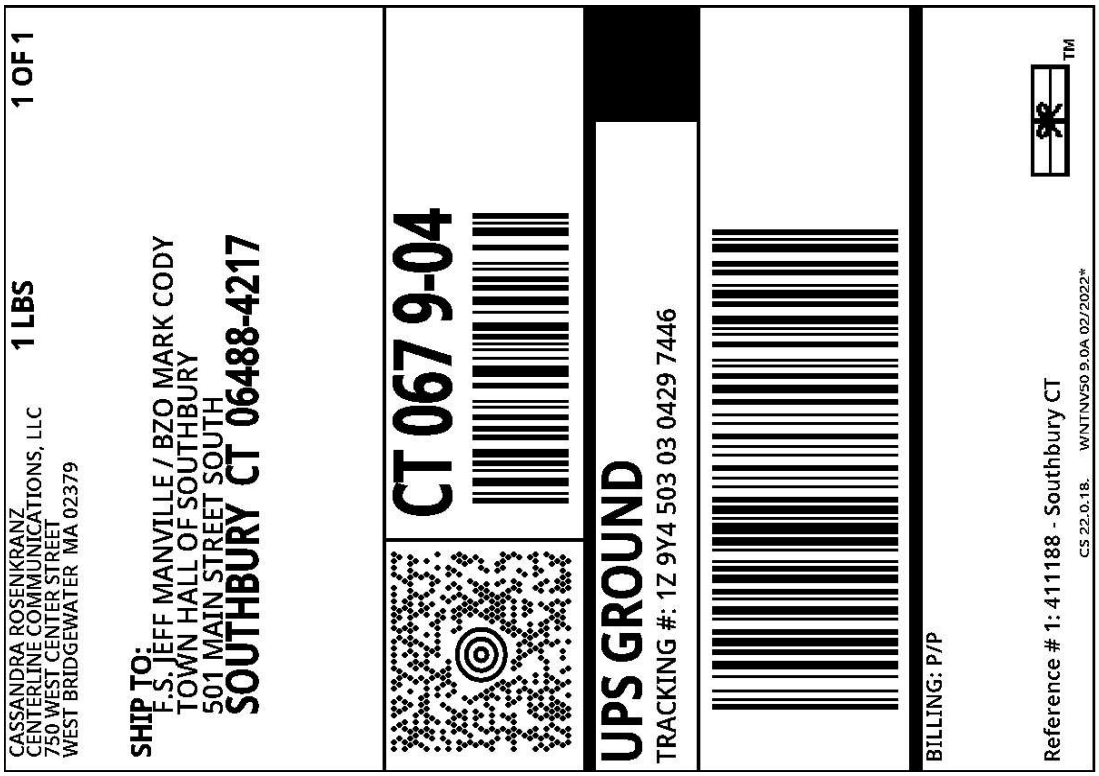

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To: John Coleman
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Date: Tuesday, March 1, 2022 3:47:57 PM

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Delivery Time: 3:46 PM
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Signed by: THOMPSON

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030304297446
Ship To:	TOWN HALL OF SOUTHBURY 501 MAIN STREET SOUTH SOUTHBURY, CT 064884217 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	411188 - SOUTHBURY CT

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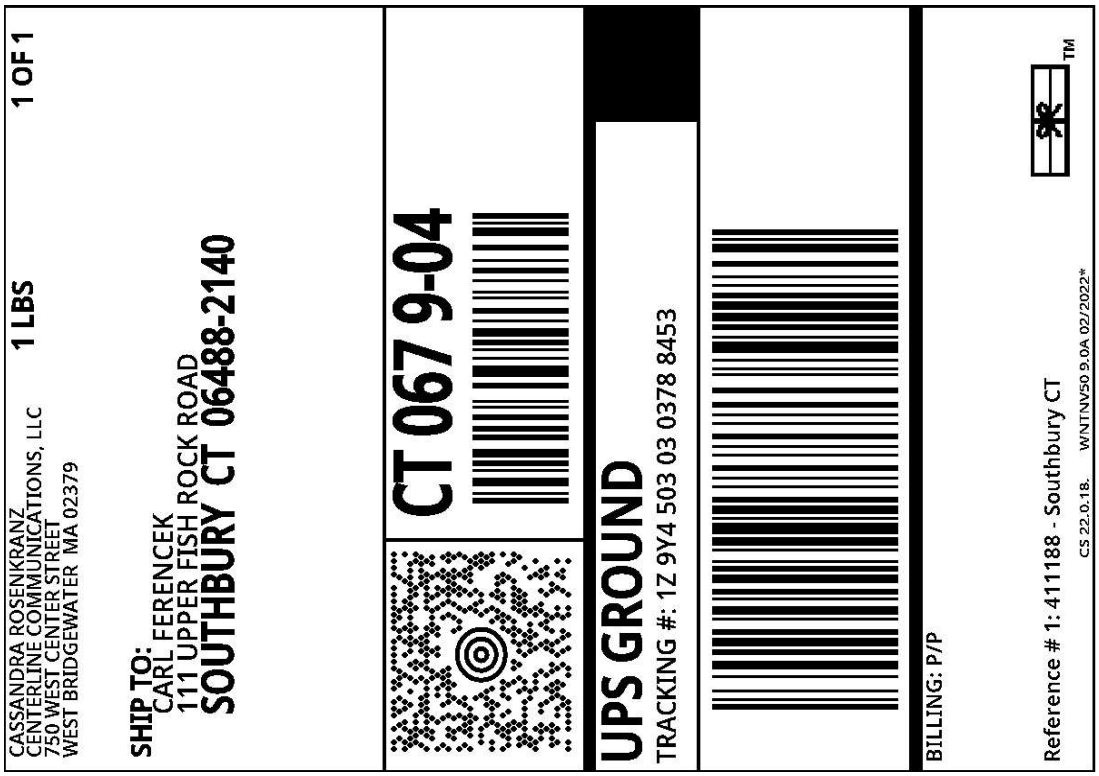

From: UPS
To: John Coleman
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030303788453
Date: Tuesday, March 1, 2022 5:19:24 PM

Hello, your package has been delivered.

Delivery Date: Tuesday, 03/01/2022
Delivery Time: 5:16 PM
Left At: GARAGE

Set Delivery Instructions | Manage Preferences | View My Packages

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030303788453
Ship To:	CARL FERENCEK 111 UPPER FISH ROCK ROAD SOUTHBURY, CT 064882140 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	411188 - SOUTHBURY CT

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DOCKET NO. 325 – Cellco Partnership d/b/a Verizon Wireless application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility at 111 Upper Fish Rock Road in Southbury, Connecticut.	}	Connecticut
	}	Siting
	}	Council
		April 10, 2007

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a telecommunications facility including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Pubic Need, as provided by General Statutes § 16-50k, be issued to Cellco Partnership d/b/a Verizon Wireless for the construction, maintenance and operation of a wireless telecommunications facility to be located at 111 Upper Fish Rock Road in Southbury, Connecticut.

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

1. The tower shall be constructed no taller than 100 feet above ground level to provide telecommunications services to both public and private entities.

2. No construction activity related to this facility shall occur between February 1 and August 1.

3. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the Towns of Southbury and Newtown 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, antenna mountings, equipment building, access road, utility line, and landscaping; and

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

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

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

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

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

8. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed and providing wireless services within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline.

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

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

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

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

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

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

The parties and intervenors in this proceeding are:

Status Granted	**Status Holder (name, address & phone number)**	**Representative (name, address & phone number)**
Applicant	Cellco Partnership d/b/a Verizon Wireless 99 East River Drive East Hartford, CT 06108	Sandy Carter Regulatory Manager Verizon Wireless 99 East River Drive East Hartford, CT 06108 Kenneth Baldwin, Esq. Robinson & Cole, LLP 280 Trumbull Street Hartford, CT 06103-3597 (860) 275-8200 (860) 275-8299 fax kbaldwin@rc.com

CERTIFICATION

The undersigned members of the Connecticut Siting Council (Council) hereby certify that they have heard this case, or read the record thereof, in **DOCKET NO. 325** – Cellco Partnership d/b/a Verizon Wireless application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility at 111 Upper Fish Rock Road in Southbury, Connecticut, and voted as follows to approve the proposed site, located at 111 Upper Fish Rock Road, Southbury, Connecticut:

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

Dated at New Britain, Connecticut, April 10, 2007.

STATE OF CONNECTICUT)

ss. New Britain, Connecticut :

COUNTY OF HARTFORD)

I hereby certify that the foregoing is a true and correct copy of the Findings of Fact, Opinion, and Decision and Order issued by the Connecticut Siting Council, State of Connecticut.

ATTEST:

S. Derek Phelps
Executive Director
Connecticut Siting Council

I certify that a copy of the Findings of Fact, Opinion, and Decision and Order in Docket No. 325 has been forwarded by Certified First Class Return Receipt Requested mail on April 11, 2007, to all parties and intervenors of record as listed on the attached service list, dated November 8, 2006.

ATTEST:

Lisa A. Fontaine
Administrative Assistant
Connecticut Siting Council

November 8, 2006

LIST OF PARTIES AND INTERVENORS
SERVICE LIST

Status Granted	Status Holder (name, address & phone number)	Representative (name, address & phone number)
Applicant	Cellco Partnership d/b/a Verizon Wireless 99 East River Drive East Hartford, CT 06108	Sandy Carter Regulatory Manager Verizon Wireless 99 East River Drive East Hartford, CT 06108 Kenneth C. Baldwin, Esq. Robinson & Cole, LLP 280 Trumbull Street Hartford, CT 06103-3597 P: 860-275-8200

AMERICAN TOWER®
CORPORATION

This report was prepared for American Tower Corporation by

CLS ENGINEERING PLLC

Structural Analysis Report

Structure	:	**99 ft Monopole**
ATC Site Name	:	**Southbury CT,CT**
ATC Site Number	:	**411188**
Engineering Number	:	**13764183_C3_01**
Proposed Carrier	:	**VERIZON WIRELESS**
Carrier Site Name	:	**NEWTOWN NE**
Carrier Site Number	:	**468065**
Site Location	:	**111 Upper Fishrock Road** **Southbury, CT 06488-4172** **41.43828777, -73.23775087**
County	:	**New Haven**
Date	:	**January 11, 2022**
Max Usage	:	**55%**
Result	:	**Pass**

Prepared By:

Josh Stone
CLS

Reviewed By:

William Holt

Digitally signed by William Holt
Date: 2022.01.11 16:13:20 -05'00'

STATE OF CONNECTICUT
WILLIAM HOLT
PEN.35568
LICENSED PROFESSIONAL ENGINEER

William Holt, PE
Director of Engineering
License No. 35568 Expires: 01/31/2023

Table of Contents

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 99 ft Monopole to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower Drawings	EEI Project #14859, dated August 29,2007
Foundation Drawing	EEI Project #14859, dated April 20, 2007
Geotechnical Report	Welti Geotechnical Engineering Site Location: III Upper Fishrock Rd, Southbury, CT, dated March 5, 2007

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:	116 mph (3-second gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.00" radial 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
Spectral Response:	Ss = 0.20, S_1 = 0.06
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
109.0	1	Generic 20' Omni	Flush	(1) 7/8" Coax	OTHER
99.0	3	Samsung RT4401-48A	Triangular Low Profile Platform	(16) 1 5/8" Coax (2) 1 5/8" Hybriflex	VERIZON WIRELESS
	1	Raycap RCMDC-6627-PF-48			
	6	Antel LPA-80080/8CF ___			
	6	Commscope JAHH-65C-R3B			
	3	Samsung Outdoor CBRS 20W RRH –Clip-on Antenna			
	3	Commscope CBC78T-DS-43-2X			
	1	VZW Unused Reserve (9931.35 sqin)			
90.0	4	Raycap DC6-48-60-18-8F (23.5" Height)	Triangular Platform with Handrails w/ Reinforcement	(2) 0.39" (10mm) Fiber Trunk (8) 0.78" (19.7mm) 8 AWG 6 (3) 3/8" (0.38"-9.5mm) RET Control Cable (5) 3" conduit	AT&T MOBILITY
	6	Ericsson mRRU			
	6	Ericsson RRUS-12 B2			
	6	Ericsson RRUS A2 B2			
	3	Ericsson RRUS 32 B30 (60 lbs)			
	6	Ericsson RRU11			
	3	Generic RCU (Remote Control Unit)			
	12	CCI HPA-65R-BUU-H8			
85.7	3	Alcatel-Lucent IBC700-1			
78.0	1	Commscope RDIDC-9181-PF-48	Triangular Platform with Handrails	(1) 1.60" (40.6mm) Hybrid	DISH WIRELESS L.L.C.
	3	Fujitsu TA08025-B605			
	3	Fujitsu TA08025-B604			
	3	JMA Wireless MX08FRO665-21			

Equipment to be Removed

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
99.0	3	Samsung B5/B13 RRH-BR04C	-	-	VERIZON WIRELESS
	3	Samsung MT6407-77A			
	3	Samsung B2/B66A RRH-BR049			

Proposed Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
101.5	3	Samsung MT6407-77A	Triangular Low Profile Platform	-	VERIZON WIRELESS
99.0	3	Samsung RF4440d-13A			
	3	Samsung RF4439d-25A			

[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	15%	Pass
Shaft	23%	Pass
Base Plate	6%	Pass

Foundations

Reaction Component	Original Design Reactions	Analysis Reactions	% of Design
Moment (Kips-Ft)	5777.7	2298.2	40%
Shear (Kips)	55.4	30.3	55%

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 and Sway*

Antenna Elevation (ft)	Antenna	Carrier	Deflection (ft)	Sway (Rotation) (°)
99.0	Samsung MT6407-77A	VERIZON WIRELESS	0.171	0.160
	Samsung RF4439d-25A			
	Samsung RF4440d-13A			

***Deflection 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.

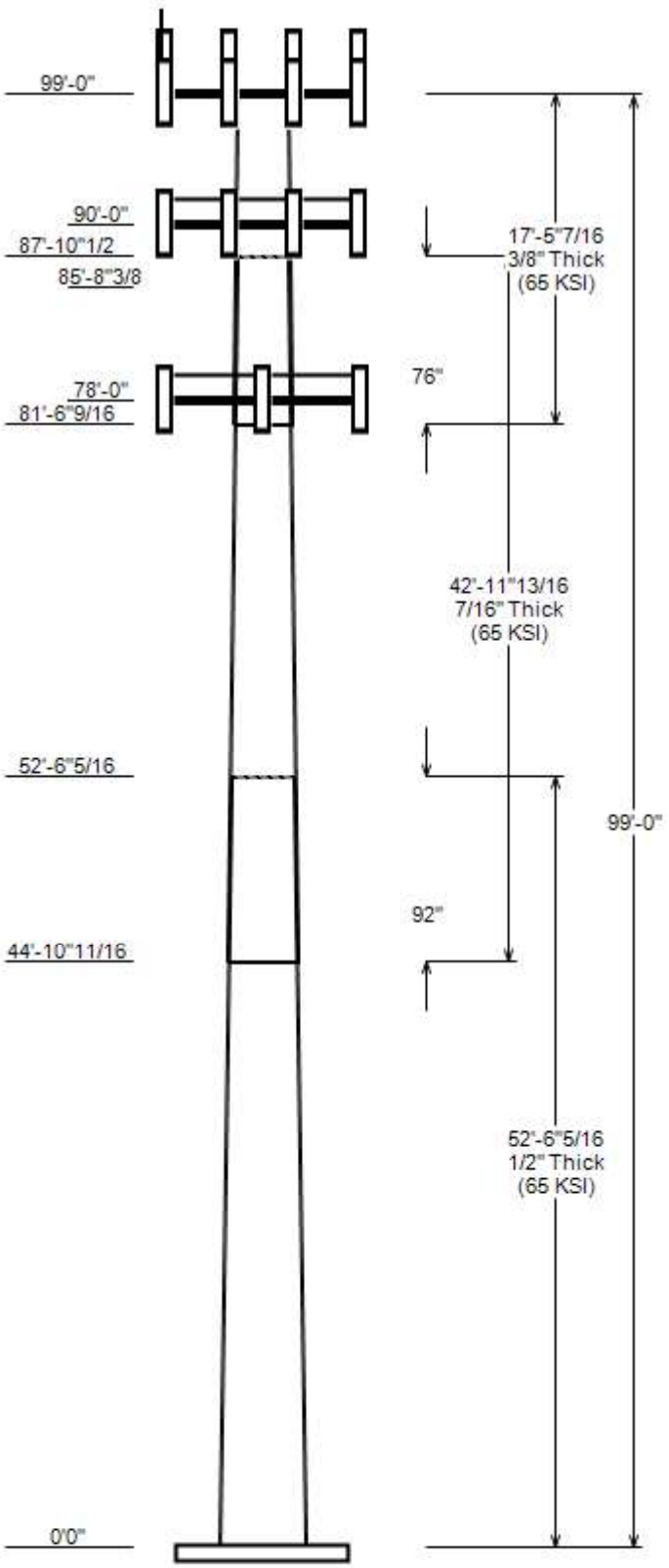
All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with 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 :	411188, Southbury CT	Height :	99 ft
Client :	VERIZON WIRELESS	Base Width :	70
Code :	ANSI/TIA-222-H	Shape :	18 Sides



SITE PARAMETERS

Base Elev (ft):	0.00	Structure Class:	II
Taper :	0.30600 (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	52.526	53.93	70.00	0.500		0.000	18 Sides	65
2	42.982	43.99	57.14	0.438	Slip Joint	91.630	18 Sides	65
3	17.453	41.34	46.68	0.375	Slip Joint	75.910	18 Sides	65

DISCRETE APPURTENANCE

Attach Elev (ft)	Force Elev (ft)	Qty	Description
99.0	99.0	3	Commscope CBC78T-DS-43-2X
99.0	99.0	3	Samsung Outdoor CBRS 20W RRH –
99.0	99.0	3	Samsung RT4401-48A
99.0	99.0	3	Samsung RF4440d-13A
99.0	99.0	3	Samsung RF4439d-25A
99.0	99.0	1	Raycap RCMDC-6627-PF-48
99.0	101.5	3	Samsung MT6407-77A
99.0	109.8	1	Generic 20' Omni
99.0	99.0	6	Antel LPA-80080/8CF ___
99.0	99.0	6	Commscope JAHH-65C-R3B
99.0	99.0	1	Generic Flat Low Profile Platf
99.0	99.0	1	VZW Unused Reserve (9931.35 sq
90.0	89.0	3	Generic RCU (Remote Control Un
90.0	90.0	4	Raycap DC6-48-60-18-8F (23.5"
90.0	90.0	6	Ericsson mRRU
90.0	89.0	6	Ericsson RRUS A2 B2
90.0	90.0	3	Ericsson RRUS 32 B30 (60 lbs)
90.0	90.0	6	Ericsson RRU11
90.0	90.0	6	Ericsson RRUS-12 B2
90.0	90.0	1	Generic Mount Reinforcement
90.0	90.0	12	CCI HPA-65R-BUU-H8
90.0	90.0	1	Generic Round Platform with Ha
85.7	85.7	3	Alcatel-Lucent IBC700-1
78.0	78.0	1	Commscope RDIDC-9181-PF-48
78.0	78.0	3	Fujitsu TA08025-B604
78.0	78.0	3	Fujitsu TA08025-B605
78.0	78.0	3	JMA Wireless MX08FRO665-21
78.0	78.0	1	Generic Flat Platform with Han

LINEAR APPURTENANCE

Elev From (ft)	Elev To (ft)	Description	Exp To Wind
0.0	109.0	7/8" Coax	No
0.0	99.0	1 5/8" Hybriflex	No
0.0	99.0	1 5/8" Coax	No
0.0	90.0	3/8" (0.38"- 9.5mm) RET Control Cable	No
0.0	90.0	0.78" (19.7mm) 8 AWG 6	No
0.0	90.0	0.39" (10mm) Fiber Trunk	No
0.0	88.0	3" conduit	No
0.0	78.0	1.60" (40.6mm) Hybrid	No

LOAD CASES

1.2D + 1.0W	116 mph wind with no ice
0.9D + 1.0W	116 mph wind with no ice
1.2D + 1.0Di + 1.0Wi	50 mph wind with 1" radial ice

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JOB INFORMATION			
Asset :	411188, Southbury CT	Height :	99 ft
Client :	VERIZON WIRELESS	Base Width :	70
Code :	ANSI/TIA-222-H	Shape :	18 Sides

1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	60 mph Wind with No Ice

REACTIONS

Load Case	Moment (kip-ft)	Shear (Kip)	Axial (Kip)
1.2D + 1.0W	2298.15	30.27	58.58
0.9D + 1.0W	2293.32	30.26	43.93
1.2D + 1.0Di + 1.0Wi	582.79	8.01	73.72
1.2D + 1.0Ev + 1.0Eh	258.43	3.47	58.02
0.9D - 1.0Ev + 1.0Eh	257.79	3.47	39.98
1.0D + 1.0W	549.34	7.24	48.83

DISH DEFLECTIONS

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

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ANALYSIS PARAMETERS

Location:	New Haven County,CT	**Height:**	99 ft
Type and Shape:	Taper, 18 Sides	**Base Diameter:**	70.00 in
Manufacturer:	EEI	**Top Diameter:**	41.34 in
K_d (non-service):	0.95	**Taper:**	0.3060 in/ft
K_e:	0.99	**Rotation:**	0.000°

ICE & WIND PARAMETERS

Exposure Category:	C	**Design Wind Speed w/o Ice:**	116 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:**	398.00 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil			**Period Based on Rayleigh Method (sec):**	0.83
T_L (sec):	6	**P:**	1	**C_s:**	0.071
S_s:	0.203	**S_1:**	0.055	**C_s Max:**	0.071
F_a:	1.600	**F_v:**	2.400	**C_s Min:**	0.030
S_{ds}:	0.217	**S_{d1}:**	0.088		

LOAD CASES

1.2D + 1.0W	116 mph wind with no ice
0.9D + 1.0W	116 mph wind with no ice
1.2D + 1.0Di + 1.0Wi	50 mph wind with 1" radial ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	60 mph Wind with No Ice

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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)
									110.2							30,585.3			
1-18	52.53	0.5000	65		0.00	17,434	70.00	0.004	9	67,308.3	23.28	140.00	53.93	52.53	84.79		17.61	107.86	0.3059
2-18	42.98	0.4375	65	Slip	91.63	10,181	57.14	44.888	78.74	31,988.0	21.62	130.61	43.99	87.87	60.48	14,497.0	16.32	100.56	0.3059
3-18	17.45	0.3750	65	Slip	75.91	3,084	46.68	81.547	55.11	14,929.0	20.54	124.48	41.34	99.00	48.76	10,337.4	18.03	110.24	0.3059
				Shaft Weight	30,699														

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
99.00	Samsung RF4439d-25A	3	0.80	0.000	74.70	2.500	0.50	125.82	3.169	0.50
99.00	Samsung RF4440d-13A	3	0.80	0.000	70.30	1.875	0.50	108.89	2.452	0.50
99.00	Samsung RT4401-48A	3	0.80	0.000	18.60	0.996	0.50	35.87	1.434	0.50
99.00	Samsung Outdoor CBRS 20W RRH –	3	0.80	0.000	4.40	0.892	0.50	15.91	1.301	0.50
99.00	Commscope CBC78T-DS-43-2X	3	0.80	0.000	20.70	0.552	0.50	34.83	0.877	0.50
99.00	Raycap RCMDC-6627-PF-48	1	0.80	0.000	32.00	4.056	0.50	113.28	4.929	0.50
99.00	Commscope JAHH-65C-R3B	6	0.80	0.000	55.10	12.862	0.69	224.34	15.257	0.69
99.00	VZW Unused Reserve (9931.35 sq	1	0.80	0.000	1182.50	68.968	0.90	1709.35	99.696	0.90
99.00	Generic Flat Low Profile Platf	1	1.00	0.000	1875.00	26.100	1.00	2392.94	38.310	1.00
99.00	Generic 20' Omni	1	1.00	10.800	55.00	6.000	1.00	151.16	10.528	1.00
99.00	Samsung MT6407-77A	3	0.80	2.500	81.60	4.709	0.61	146.79	5.680	0.61
99.00	Antel LPA-80080/8CF ___	6	0.80	0.000	24.00	12.170	0.76	175.38	7.176	0.76
90.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	3526.93	42.698	1.00
90.00	CCI HPA-65R-BUU-H8	12	0.75	0.000	68.00	12.976	0.79	230.91	15.246	0.79
90.00	Ericsson RRUS-12 B2	6	0.75	0.000	58.00	3.145	0.50	109.29	3.880	0.50
90.00	Ericsson RRU11	6	0.75	0.000	63.90	2.950	0.50	124.78	3.677	0.50
90.00	Ericsson RRUS 32 B30 (60 lbs)	3	0.75	0.000	60.00	2.692	0.50	105.05	3.424	0.50
90.00	Ericsson RRUS A2 B2	6	0.75	-1.000	22.00	2.064	0.50	49.96	2.662	0.50
90.00	Ericsson mRRU	6	0.75	0.000	22.00	1.347	0.50	74.45	1.849	0.50
90.00	Raycap DC6-48-60-18-8F (23.5"	4	0.75	0.000	20.00	1.260	0.50	53.38	1.677	0.50
90.00	Generic RCU (Remote Control Un	3	0.75	-1.000	1.00	0.141	0.50	4.51	0.355	0.50
90.00	Generic Mount Reinforcement	1	1.00	0.000	200.00	7.500	1.00	322.70	12.247	1.00
85.70	Alcatel-Lucent IBC700-1	3	0.75	0.000	63.30	2.598	0.50	119.10	3.278	0.50
78.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	3609.47	55.498	1.00
78.00	JMA Wireless MX08FRO665-21	3	0.75	0.000	64.50	12.489	0.64	225.02	14.244	0.64
78.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	100.32	2.536	0.50
78.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	114.13	2.536	0.50
78.00	Commscope RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	0.50	57.44	2.429	0.50
Totals	Num Loadings: 28	96			12,526.40			22,825.63		

LINEAR APPURTENANCE PROPERTIES

Load Case Azimuth (deg) : 0.00_

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	109.00	1	7/8" Coax	1.09	0.33	N	0	0	0	0	0	N	Other
0.00	99.00	16	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	VERIZON WIREL
0.00	99.00	2	1 5/8" Hybriflex	1.98	1.3	N	0	0	0	0	0	N	VERIZON WIREL
0.00	90.00	8	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	90.00	3	3/8" (0.38"- 9.5mm) R	0.38	0.23	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	90.00	2	0.39" (10mm) Fiber Tr	0.39	0.06	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	88.00	5	3" conduit	3.5	7.58	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	78.00	1	1.60" (40.6mm) Hybrid	1.6	2.34	N	0	0	0	0	0	N	DISH WIRELESS

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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		0.5000	70.000	110.293	67,308.30	23.28	140.00	74	1893.9	0.0	0.0
5.00		0.5000	68.470	107.865	62,961.50	22.74	136.94	74.7	1811.1	0.0	1,855.9
10.00		0.5000	66.941	105.438	58,805.90	22.20	133.88	75.3	1730.3	0.0	1,814.6
15.00		0.5000	65.411	103.011	54,837.30	21.66	130.82	75.9	1651.2	0.0	1,773.3
20.00		0.5000	63.882	100.583	51,051.50	21.12	127.76	76.6	1574.0	0.0	1,732.0
25.00		0.5000	62.352	98.156	47,444.00	20.58	124.70	77.2	1498.7	0.0	1,690.7
30.00		0.5000	60.823	95.729	44,010.50	20.04	121.65	77.8	1425.2	0.0	1,649.4
35.00		0.5000	59.293	93.301	40,746.90	19.50	118.59	78.5	1353.5	0.0	1,608.1
40.00		0.5000	57.764	90.874	37,648.70	18.96	115.53	79.1	1283.7	0.0	1,566.8
44.89	Bot - Section 2	0.5000	56.268	88.500	34,774.30	18.43	112.54	79.7	1217.3	0.0	1,492.5
45.00		0.5000	56.234	88.447	34,711.70	18.42	112.47	79.7	1215.8	0.0	62.2
50.00		0.5000	54.705	86.019	31,931.60	17.88	109.41	80.4	1149.7	0.0	2,805.0
52.53	Top - Section 1	0.4375	54.807	75.496	28,195.70	20.68	125.27	77.1	1013.3	0.0	1,387.6
55.00		0.4375	54.050	74.445	27,034.60	20.37	123.54	77.4	985.2	0.0	631.1
60.00		0.4375	52.520	72.321	24,786.10	19.76	120.05	78.2	929.5	0.0	1,248.5
65.00		0.4375	50.991	70.197	22,665.90	19.14	116.55	78.9	875.5	0.0	1,212.4
70.00		0.4375	49.461	68.073	20,670.10	18.52	113.05	79.6	823.1	0.0	1,176.3
75.00		0.4375	47.932	65.949	18,795.10	17.91	109.56	80.3	772.3	0.0	1,140.1
78.00		0.4375	47.014	64.675	17,726.50	17.54	107.46	80.8	742.6	0.0	666.7
80.00		0.4375	46.402	63.825	17,037.10	17.29	106.06	81.1	723.2	0.0	437.3
81.55	Bot - Section 3	0.4375	45.929	63.168	16,516.30	17.10	104.98	81.3	708.3	0.0	334.3
85.00		0.4375	44.873	61.702	15,392.30	16.67	102.57	81.8	675.6	0.0	1,373.7
85.70		0.4375	44.659	61.404	15,170.80	16.59	102.08	81.9	669.1	0.0	274.6
87.87	Top - Section 2	0.3750	44.744	52.808	13,134.40	19.63	119.32	78.3	578.2	0.0	843.9
90.00		0.3750	44.093	52.034	12,564.90	19.32	117.58	78.7	561.3	0.0	379.5
95.00		0.3750	42.564	50.213	11,291.70	18.60	113.50	79.5	522.5	0.0	869.8
99.00		0.3750	41.340	48.757	10,337.40	18.03	110.24	80.2	492.5	0.0	673.5
								Totals:			30,699.8

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Load Case: 1.2D + 1.0W 116 mph wind with no ice 14 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	-58.58	-30.27	0.00	-2,298.2	0.00	2,298.15	7,347.96	1,935.63	12,150.54	10,514.58	0	0	0.227
5.00	-55.96	-29.67	0.00	-2,146.8	0.00	2,146.83	7,247.84	1,893.03	11,621.67	10,141.42	0.03	-0.05	0.220
10.00	-53.39	-29.09	0.00	-1,998.5	0.00	1,998.47	7,144.94	1,850.44	11,104.56	9,770.83	0.1	-0.09	0.212
15.00	-50.87	-28.51	0.00	-1,853.0	0.00	1,853.03	7,039.27	1,807.84	10,599.22	9,403.06	0.23	-0.14	0.205
20.00	-48.40	-27.91	0.00	-1,710.5	0.00	1,710.50	6,930.83	1,765.24	10,105.65	9,038.38	0.4	-0.19	0.196
25.00	-45.98	-27.29	0.00	-1,571.0	0.00	1,570.97	6,819.62	1,722.64	9,623.85	8,677.05	0.62	-0.23	0.188
30.00	-43.61	-26.66	0.00	-1,434.5	0.00	1,434.52	6,705.63	1,680.04	9,153.81	8,319.34	0.89	-0.28	0.179
35.00	-41.30	-26.02	0.00	-1,301.2	0.00	1,301.22	6,588.88	1,637.44	8,695.55	7,965.51	1.2	-0.32	0.170
40.00	-39.03	-25.38	0.00	-1,171.1	0.00	1,171.13	6,469.35	1,594.84	8,249.04	7,615.83	1.56	-0.36	0.160
44.89	-36.87	-25.05	0.00	-1,047.0	0.00	1,046.99	6,349.76	1,553.17	7,823.70	7,278.05	1.96	-0.41	0.150
45.00	-36.78	-24.72	0.00	-1,044.2	0.00	1,044.25	6,347.05	1,552.24	7,814.31	7,270.55	1.97	-0.41	0.150
50.00	-33.03	-24.21	0.00	-920.6	0.00	920.65	6,221.98	1,509.64	7,391.35	6,929.94	2.42	-0.45	0.138
52.53	-31.18	-23.87	0.00	-859.5	0.00	859.49	5,237.24	1,324.95	6,506.57	5,857.72	2.66	-0.47	0.153
55.00	-30.23	-23.39	0.00	-800.4	0.00	800.43	5,188.38	1,306.51	6,326.71	5,721.65	2.91	-0.49	0.146
60.00	-28.35	-22.74	0.00	-683.5	0.00	683.49	5,087.55	1,269.23	5,970.91	5,449.09	3.44	-0.53	0.131
65.00	-26.52	-22.09	0.00	-569.8	0.00	569.81	4,983.94	1,231.96	5,625.40	5,180.05	4.01	-0.56	0.116
70.00	-24.73	-21.45	0.00	-459.4	0.00	459.37	4,877.57	1,194.69	5,290.19	4,914.79	4.62	-0.59	0.099
75.00	-22.99	-20.94	0.00	-352.1	0.00	352.13	4,768.42	1,157.41	4,965.27	4,653.58	5.25	-0.62	0.081
78.00	-18.24	-17.79	0.00	-289.3	0.00	289.33	4,701.61	1,135.05	4,775.26	4,498.90	5.65	-0.64	0.068
80.00	-17.57	-17.56	0.00	-253.8	0.00	253.76	4,656.51	1,120.14	4,650.65	4,396.67	5.92	-0.64	0.062
81.55	-17.06	-17.25	0.00	-226.6	0.00	226.59	4,621.32	1,108.60	4,555.39	4,318.09	6.13	-0.65	0.056
85.00	-15.17	-16.98	0.00	-167.0	0.00	167.02	4,541.82	1,082.86	4,346.33	4,144.33	6.6	-0.66	0.044
85.70	-14.56	-16.67	0.00	-155.1	0.00	155.14	4,525.54	1,077.64	4,304.54	4,109.38	6.7	-0.66	0.041
87.87	-13.40	-16.40	0.00	-118.9	0.00	118.93	3,722.07	926.78	3,714.17	3,395.95	7.01	-0.67	0.039
90.00	-7.23	-9.16	0.00	-84.0	0.00	84.05	3,684.33	913.19	3,606.02	3,311.80	7.31	-0.67	0.027
95.00	-6.10	-8.62	0.00	-38.2	0.00	38.23	3,593.66	881.24	3,358.14	3,116.32	8.02	-0.68	0.014
99.00	0.00	-8.55	0.00	-3.7	0.00	3.74	3,519.12	855.68	3,166.19	2,962.39	8.59	-0.68	0.001

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Load Case: 0.9D + 1.0W 116 mph wind with no ice 14 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	-43.93	-30.26	0.00	-2,293.3	0.00	2,293.32	7,347.96	1,935.63	12,150.54	10,514.58	0	0	0.224
5.00	-41.96	-29.65	0.00	-2,142.0	0.00	2,142.03	7,247.84	1,893.03	11,621.67	10,141.42	0.03	-0.05	0.217
10.00	-40.03	-29.06	0.00	-1,993.8	0.00	1,993.76	7,144.94	1,850.44	11,104.56	9,770.83	0.1	-0.09	0.210
15.00	-38.13	-28.47	0.00	-1,848.4	0.00	1,848.45	7,039.27	1,807.84	10,599.22	9,403.06	0.22	-0.14	0.202
20.00	-36.27	-27.86	0.00	-1,706.1	0.00	1,706.11	6,930.83	1,765.24	10,105.65	9,038.38	0.4	-0.19	0.194
25.00	-34.46	-27.24	0.00	-1,566.8	0.00	1,566.79	6,819.62	1,722.64	9,623.85	8,677.05	0.62	-0.23	0.186
30.00	-32.68	-26.60	0.00	-1,430.6	0.00	1,430.61	6,705.63	1,680.04	9,153.81	8,319.34	0.89	-0.28	0.177
35.00	-30.93	-25.96	0.00	-1,297.6	0.00	1,297.60	6,588.88	1,637.44	8,695.55	7,965.51	1.2	-0.32	0.168
40.00	-29.23	-25.32	0.00	-1,167.8	0.00	1,167.82	6,469.35	1,594.84	8,249.04	7,615.83	1.56	-0.36	0.158
44.89	-27.61	-24.98	0.00	-1,044.0	0.00	1,044.01	6,349.76	1,553.17	7,823.70	7,278.05	1.95	-0.4	0.148
45.00	-27.54	-24.65	0.00	-1,041.3	0.00	1,041.28	6,347.05	1,552.24	7,814.31	7,270.55	1.96	-0.41	0.148
50.00	-24.73	-24.14	0.00	-918.0	0.00	918.02	6,221.98	1,509.64	7,391.35	6,929.94	2.41	-0.45	0.137
52.53	-23.33	-23.81	0.00	-857.0	0.00	857.03	5,237.24	1,324.95	6,506.57	5,857.72	2.65	-0.47	0.151
55.00	-22.62	-23.32	0.00	-798.1	0.00	798.14	5,188.38	1,306.51	6,326.71	5,721.65	2.9	-0.48	0.144
60.00	-21.21	-22.67	0.00	-681.5	0.00	681.54	5,087.55	1,269.23	5,970.91	5,449.09	3.43	-0.52	0.130
65.00	-19.83	-22.02	0.00	-568.2	0.00	568.20	4,983.94	1,231.96	5,625.40	5,180.05	4	-0.56	0.114
70.00	-18.49	-21.38	0.00	-458.1	0.00	458.10	4,877.57	1,194.69	5,290.19	4,914.79	4.6	-0.59	0.097
75.00	-17.18	-20.87	0.00	-351.2	0.00	351.19	4,768.42	1,157.41	4,965.27	4,653.58	5.24	-0.62	0.079
78.00	-13.63	-17.73	0.00	-288.6	0.00	288.58	4,701.61	1,135.05	4,775.26	4,498.90	5.63	-0.63	0.067
80.00	-13.13	-17.51	0.00	-253.1	0.00	253.11	4,656.51	1,120.14	4,650.65	4,396.67	5.9	-0.64	0.061
81.55	-12.75	-17.20	0.00	-226.0	0.00	226.02	4,621.32	1,108.60	4,555.39	4,318.09	6.11	-0.65	0.055
85.00	-11.33	-16.93	0.00	-166.6	0.00	166.63	4,541.82	1,082.86	4,346.33	4,144.33	6.59	-0.66	0.043
85.70	-10.87	-16.63	0.00	-154.8	0.00	154.78	4,525.54	1,077.64	4,304.54	4,109.38	6.68	-0.66	0.040
87.87	-10.00	-16.36	0.00	-118.7	0.00	118.66	3,722.07	926.78	3,714.17	3,395.95	6.99	-0.67	0.038
90.00	-5.40	-9.14	0.00	-83.9	0.00	83.86	3,684.33	913.19	3,606.02	3,311.80	7.29	-0.67	0.027
95.00	-4.55	-8.60	0.00	-38.2	0.00	38.16	3,593.66	881.24	3,358.14	3,116.32	8	-0.68	0.014
99.00	0.00	-8.55	0.00	-3.7	0.00	3.74	3,519.12	855.68	3,166.19	2,962.39	8.57	-0.68	0.001

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Load Case: 1.2D + 1.0Di + 1.0Wi		50 mph wind with 1" radial ice			13 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	-73.72	-8.01	0.00	-582.8	0.00	582.79	7,347.96	1,935.63	12,150.54	10,514.58	0	0	0.065
5.00	-70.78	-7.83	0.00	-542.7	0.00	542.74	7,247.84	1,893.03	11,621.67	10,141.42	0.01	-0.01	0.063
10.00	-67.87	-7.64	0.00	-503.6	0.00	503.61	7,144.94	1,850.44	11,104.56	9,770.83	0.03	-0.02	0.061
15.00	-64.99	-7.46	0.00	-465.4	0.00	465.39	7,039.27	1,807.84	10,599.22	9,403.06	0.06	-0.04	0.059
20.00	-62.16	-7.27	0.00	-428.1	0.00	428.08	6,930.83	1,765.24	10,105.65	9,038.38	0.1	-0.05	0.056
25.00	-59.38	-7.08	0.00	-391.7	0.00	391.72	6,819.62	1,722.64	9,623.85	8,677.05	0.16	-0.06	0.054
30.00	-56.64	-6.88	0.00	-356.3	0.00	356.32	6,705.63	1,680.04	9,153.81	8,319.34	0.22	-0.07	0.051
35.00	-53.96	-6.68	0.00	-321.9	0.00	321.92	6,588.88	1,637.44	8,695.55	7,965.51	0.3	-0.08	0.049
40.00	-51.34	-6.48	0.00	-288.5	0.00	288.52	6,469.35	1,594.84	8,249.04	7,615.83	0.39	-0.09	0.046
44.89	-48.83	-6.37	0.00	-256.8	0.00	256.83	6,349.76	1,553.17	7,823.70	7,278.05	0.49	-0.1	0.043
45.00	-48.73	-6.27	0.00	-256.1	0.00	256.13	6,347.05	1,552.24	7,814.31	7,270.55	0.49	-0.1	0.043
50.00	-44.63	-6.11	0.00	-224.8	0.00	224.78	6,221.98	1,509.64	7,391.35	6,929.94	0.61	-0.11	0.040
52.53	-42.59	-6.00	0.00	-209.4	0.00	209.35	5,237.24	1,324.95	6,506.57	5,857.72	0.67	-0.12	0.044
55.00	-41.47	-5.85	0.00	-194.5	0.00	194.50	5,188.38	1,306.51	6,326.71	5,721.65	0.73	-0.12	0.042
60.00	-39.25	-5.64	0.00	-165.2	0.00	165.24	5,087.55	1,269.23	5,970.91	5,449.09	0.86	-0.13	0.038
65.00	-37.07	-5.44	0.00	-137.0	0.00	137.02	4,983.94	1,231.96	5,625.40	5,180.05	1	-0.14	0.034
70.00	-34.95	-5.24	0.00	-109.8	0.00	109.83	4,877.57	1,194.69	5,290.19	4,914.79	1.15	-0.15	0.030
75.00	-32.88	-5.07	0.00	-83.6	0.00	83.65	4,768.42	1,157.41	4,965.27	4,653.58	1.31	-0.15	0.025
78.00	-26.48	-4.30	0.00	-68.4	0.00	68.43	4,701.61	1,135.05	4,775.26	4,498.90	1.41	-0.16	0.021
80.00	-25.68	-4.23	0.00	-59.8	0.00	59.83	4,656.51	1,120.14	4,650.65	4,396.67	1.47	-0.16	0.019
81.55	-25.07	-4.13	0.00	-53.3	0.00	53.28	4,621.32	1,108.60	4,555.39	4,318.09	1.53	-0.16	0.018
85.00	-22.95	-4.05	0.00	-39.0	0.00	39.01	4,541.82	1,082.86	4,346.33	4,144.33	1.64	-0.16	0.014
85.70	-22.17	-3.96	0.00	-36.2	0.00	36.17	4,525.54	1,077.64	4,304.54	4,109.38	1.67	-0.16	0.014
87.87	-20.86	-3.87	0.00	-27.6	0.00	27.57	3,722.07	926.78	3,714.17	3,395.95	1.74	-0.17	0.014
90.00	-10.98	-2.10	0.00	-19.3	0.00	19.34	3,684.33	913.19	3,606.02	3,311.80	1.82	-0.17	0.009
95.00	-9.54	-1.93	0.00	-8.8	0.00	8.84	3,593.66	881.24	3,358.14	3,116.32	1.99	-0.17	0.005
99.00	0.00	-1.90	0.00	-1.1	0.00	1.14	3,519.12	855.68	3,166.19	2,962.39	2.13	-0.17	0.000

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Load Case: 1.0D + 1.0W 60 mph Wind with No Ice 13 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	-48.83	-7.24	0.00	-549.3	0.00	549.34	7,347.96	1,935.63	12,150.54	10,514.58	0	0	0.059
5.00	-46.66	-7.10	0.00	-513.1	0.00	513.13	7,247.84	1,893.03	11,621.67	10,141.42	0.01	-0.01	0.057
10.00	-44.54	-6.96	0.00	-477.6	0.00	477.63	7,144.94	1,850.44	11,104.56	9,770.83	0.02	-0.02	0.055
15.00	-42.45	-6.82	0.00	-442.8	0.00	442.84	7,039.27	1,807.84	10,599.22	9,403.06	0.05	-0.03	0.053
20.00	-40.41	-6.67	0.00	-408.8	0.00	408.75	6,930.83	1,765.24	10,105.65	9,038.38	0.1	-0.04	0.051
25.00	-38.41	-6.52	0.00	-375.4	0.00	375.38	6,819.62	1,722.64	9,623.85	8,677.05	0.15	-0.06	0.049
30.00	-36.45	-6.37	0.00	-342.8	0.00	342.76	6,705.63	1,680.04	9,153.81	8,319.34	0.21	-0.07	0.047
35.00	-34.53	-6.22	0.00	-310.9	0.00	310.90	6,588.88	1,637.44	8,695.55	7,965.51	0.29	-0.08	0.044
40.00	-32.66	-6.07	0.00	-279.8	0.00	279.81	6,469.35	1,594.84	8,249.04	7,615.83	0.37	-0.09	0.042
44.89	-30.86	-5.99	0.00	-250.2	0.00	250.15	6,349.76	1,553.17	7,823.70	7,278.05	0.47	-0.1	0.039
45.00	-30.79	-5.91	0.00	-249.5	0.00	249.50	6,347.05	1,552.24	7,814.31	7,270.55	0.47	-0.1	0.039
50.00	-27.68	-5.78	0.00	-220.0	0.00	219.96	6,221.98	1,509.64	7,391.35	6,929.94	0.58	-0.11	0.036
52.53	-26.13	-5.70	0.00	-205.4	0.00	205.35	5,237.24	1,324.95	6,506.57	5,857.72	0.64	-0.11	0.040
55.00	-25.35	-5.59	0.00	-191.2	0.00	191.24	5,188.38	1,306.51	6,326.71	5,721.65	0.69	-0.12	0.038
60.00	-23.79	-5.43	0.00	-163.3	0.00	163.30	5,087.55	1,269.23	5,970.91	5,449.09	0.82	-0.13	0.035
65.00	-22.27	-5.28	0.00	-136.2	0.00	136.15	4,983.94	1,231.96	5,625.40	5,180.05	0.96	-0.13	0.031
70.00	-20.78	-5.12	0.00	-109.8	0.00	109.76	4,877.57	1,194.69	5,290.19	4,914.79	1.1	-0.14	0.027
75.00	-19.33	-5.00	0.00	-84.2	0.00	84.15	4,768.42	1,157.41	4,965.27	4,653.58	1.26	-0.15	0.022
78.00	-15.35	-4.25	0.00	-69.1	0.00	69.14	4,701.61	1,135.05	4,775.26	4,498.90	1.35	-0.15	0.019
80.00	-14.80	-4.20	0.00	-60.6	0.00	60.64	4,656.51	1,120.14	4,650.65	4,396.67	1.41	-0.15	0.017
81.55	-14.37	-4.12	0.00	-54.2	0.00	54.15	4,621.32	1,108.60	4,555.39	4,318.09	1.46	-0.16	0.016
85.00	-12.79	-4.06	0.00	-39.9	0.00	39.92	4,541.82	1,082.86	4,346.33	4,144.33	1.58	-0.16	0.012
85.70	-12.28	-3.98	0.00	-37.1	0.00	37.08	4,525.54	1,077.64	4,304.54	4,109.38	1.6	-0.16	0.012
87.87	-11.31	-3.92	0.00	-28.4	0.00	28.43	3,722.07	926.78	3,714.17	3,395.95	1.67	-0.16	0.011
90.00	-6.11	-2.19	0.00	-20.1	0.00	20.09	3,684.33	913.19	3,606.02	3,311.80	1.75	-0.16	0.008
95.00	-5.16	-2.06	0.00	-9.1	0.00	9.14	3,593.66	881.24	3,358.14	3,116.32	1.92	-0.16	0.004
99.00	0.00	-2.05	0.00	-0.9	0.00	0.90	3,519.12	855.68	3,166.19	2,962.39	2.05	-0.16	0.000

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EQUIVALENT LATERAL FORCES METHOD ANALYSIS

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

Spectral Response Acceleration for Short Period (S_S):	0.203
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.055
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}):	0.217
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.088
Seismic Response Coefficient (C_s):	0.071
Upper Limit C_S:	0.071
Lower Limit C_S:	0.030
Period based on Rayleigh Method (sec):	0.830
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	1.160
Total Unfactored Dead Load:	48.830 k
Seismic Base Shear (E):	3.470 k

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

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
26	97	738	151	0.027	95	917
25	92.5	950	184	0.033	116	1,181
24	88.9363	430	79	0.014	50	535
23	86.7863	973	175	0.032	110	1,210
22	85.35	316	56	0.010	35	393
21	83.2735	1,579	270	0.049	170	1,963
20	80.7735	426	70	0.013	44	530
19	79	556	90	0.016	56	692
18	76.5	852	132	0.024	83	1,060
17	72.5	1,449	211	0.038	133	1,802
16	67.5	1,485	199	0.036	125	1,847
15	62.5	1,521	186	0.034	117	1,892
14	57.5	1,558	173	0.031	109	1,937
13	53.763	784	81	0.015	51	975
12	51.263	1,544	150	0.027	95	1,919
11	47.5	3,114	277	0.050	175	3,872
10	44.9453	69	6	0.001	4	86
9	42.4453	1,795	140	0.026	88	2,232
8	37.5	1,876	127	0.023	80	2,332
7	32.5	1,917	110	0.020	69	2,384
6	27.5	1,958	92	0.017	58	2,435
5	22.5	2,000	75	0.014	47	2,486
4	17.5	2,041	57	0.010	36	2,538
3	12.5	2,082	39	0.007	25	2,589
2	7.5	2,124	22	0.004	14	2,640
1	2.5	2,165	6	0.001	4	2,692
Commscope CBC78T-DS-43-2X	99	62	13	0.002	8	77
Samsung Outdoor CBRS 20W RRH –Clip-on Antenna	99	13	3	0.000	2	16
Samsung RT4401-48A	99	56	12	0.002	7	69
Samsung RF4440d-13A	99	211	44	0.008	28	262
Samsung RF4439d-25A	99	224	47	0.008	30	279
Raycap RCMDC-6627-PF-48	99	32	7	0.001	4	40

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Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
Samsung MT6407-77A	99	245	51	0.009	32	304
Generic 20' Omni	99	55	12	0.002	7	68
Antel LPA-80080/8CF ___	99	144	30	0.006	19	179
Commscope JAHH-65C-R3B	99	331	69	0.013	44	411
Generic Flat Low Profile Platform	99	1,875	392	0.071	247	2,331
VZW Unused Reserve (9931.35 sqin)	99	1,182	247	0.045	156	1,470
Generic RCU (Remote Control Unit)	90	3	1	0.000	0	4
Raycap DC6-48-60-18-8F (23.5" Height)	90	80	15	0.003	9	99
Ericsson mRRU	90	132	25	0.004	16	164
Ericsson RRUS A2 B2	90	132	25	0.004	16	164
Ericsson RRUS 32 B30 (60 lbs)	90	180	34	0.006	21	224
Ericsson RRU11	90	383	72	0.013	45	477
Ericsson RRUS-12 B2	90	348	65	0.012	41	433
Generic Mount Reinforcement	90	200	37	0.007	24	249
CCI HPA-65R-BUU-H8	90	816	153	0.028	96	1,015
Generic Round Platform with Handrails	90	2,500	468	0.085	295	3,108
Alcatel-Lucent IBC700-1	85.7	190	34	0.006	21	236
Commscope RDIDC-9181-PF-48	78	22	3	0.001	2	27
Fujitsu TA08025-B605	78	225	36	0.006	22	280
Fujitsu TA08025-B604	78	192	30	0.006	19	238
JMA Wireless MX08FRO665-21	78	194	31	0.006	19	241
Generic Flat Platform with Handrails	78	2,500	396	0.072	250	3,108
		48,830	5,510	1.000	3,469	60,711

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

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
26	97	738	151	0.027	95	632
25	92.5	950	184	0.033	116	814
24	88.9363	430	79	0.014	50	369
23	86.7863	973	175	0.032	110	834
22	85.35	316	56	0.010	35	271
21	83.2735	1,579	270	0.049	170	1,353
20	80.7735	426	70	0.013	44	365
19	79	556	90	0.016	56	477
18	76.5	852	132	0.024	83	730
17	72.5	1,449	211	0.038	133	1,242
16	67.5	1,485	199	0.036	125	1,272
15	62.5	1,521	186	0.034	117	1,303
14	57.5	1,558	173	0.031	109	1,334
13	53.763	784	81	0.015	51	672
12	51.263	1,544	150	0.027	95	1,323
11	47.5	3,114	277	0.050	175	2,668
10	44.9453	69	6	0.001	4	59
9	42.4453	1,795	140	0.026	88	1,538
8	37.5	1,876	127	0.023	80	1,607
7	32.5	1,917	110	0.020	69	1,642
6	27.5	1,958	92	0.017	58	1,678
5	22.5	2,000	75	0.014	47	1,713
4	17.5	2,041	57	0.010	36	1,749
3	12.5	2,082	39	0.007	25	1,784
2	7.5	2,124	22	0.004	14	1,819
1	2.5	2,165	6	0.001	4	1,855
Commscope CBC78T-DS-43-2X	99	62	13	0.002	8	53
Samsung Outdoor CBRS 20W RRH –Clip-on Antenna	99	13	3	0.000	2	11
Samsung RT4401-48A	99	56	12	0.002	7	48
Samsung RF4440d-13A	99	211	44	0.008	28	181
Samsung RF4439d-25A	99	224	47	0.008	30	192
Raycap RCMDC-6627-PF-48	99	32	7	0.001	4	27
Samsung MT6407-77A	99	245	51	0.009	32	210
Generic 20' Omni	99	55	12	0.002	7	47

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Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
Antel LPA-80080/8CF ___	99	144	30	0.006	19	123
Commscope JAHH-65C-R3B	99	331	69	0.013	44	283
Generic Flat Low Profile Platform	99	1,875	392	0.071	247	1,606
VZW Unused Reserve (9931.35 sqin)	99	1,182	247	0.045	156	1,013
Generic RCU (Remote Control Unit)	90	3	1	0.000	0	3
Raycap DC6-48-60-18-8F (23.5" Height)	90	80	15	0.003	9	69
Ericsson mRRU	90	132	25	0.004	16	113
Ericsson RRUS A2 B2	90	132	25	0.004	16	113
Ericsson RRUS 32 B30 (60 lbs)	90	180	34	0.006	21	154
Ericsson RRU11	90	383	72	0.013	45	328
Ericsson RRUS-12 B2	90	348	65	0.012	41	298
Generic Mount Reinforcement	90	200	37	0.007	24	171
CCI HPA-65R-BUU-H8	90	816	153	0.028	96	699
Generic Round Platform with Handrails	90	2,500	468	0.085	295	2,142
Alcatel-Lucent IBC700-1	85.7	190	34	0.006	21	163
Commscope RDIDC-9181-PF-48	78	22	3	0.001	2	19
Fujitsu TA08025-B605	78	225	36	0.006	22	193
Fujitsu TA08025-B604	78	192	30	0.006	19	164
JMA Wireless MX08FRO665-21	78	194	31	0.006	19	166
Generic Flat Platform with Handrails	78	2,500	396	0.072	250	2,142
		48,830	5,510	1.000	3,469	41,833

1.2D + 1.0Ev + 1.0Eh **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	-58.02	-3.47	0.00	-258.43	0.00	258.43	7,347.96	1,935.63	12,151	10,514.58	0.00	0.00	0.03
5.00	-55.38	-3.46	0.00	-241.09	0.00	241.09	7,247.84	1,893.03	11,622	10,141.42	0.00	-0.01	0.03
10.00	-52.79	-3.44	0.00	-223.80	0.00	223.80	7,144.94	1,850.44	11,105	9,770.83	0.01	-0.01	0.03
15.00	-50.25	-3.41	0.00	-206.61	0.00	206.61	7,039.27	1,807.84	10,599	9,403.06	0.03	-0.02	0.03
20.00	-47.76	-3.36	0.00	-189.58	0.00	189.58	6,930.83	1,765.24	10,106	9,038.38	0.04	-0.02	0.03
25.00	-45.33	-3.31	0.00	-172.77	0.00	172.77	6,819.62	1,722.64	9,624	8,677.05	0.07	-0.03	0.03
30.00	-42.95	-3.24	0.00	-156.23	0.00	156.23	6,705.63	1,680.04	9,154	8,319.34	0.10	-0.03	0.03
35.00	-40.61	-3.16	0.00	-140.03	0.00	140.03	6,588.88	1,637.44	8,696	7,965.51	0.13	-0.04	0.02
40.00	-38.38	-3.08	0.00	-124.22	0.00	124.22	6,469.35	1,594.84	8,249	7,615.83	0.17	-0.04	0.02
44.89	-38.30	-3.07	0.00	-109.18	0.00	109.18	6,349.76	1,553.17	7,824	7,278.05	0.22	-0.04	0.02
45.00	-34.42	-2.90	0.00	-108.84	0.00	108.84	6,347.05	1,552.24	7,814	7,270.55	0.22	-0.04	0.02
50.00	-32.50	-2.80	0.00	-94.35	0.00	94.35	6,221.98	1,509.64	7,391	6,929.94	0.27	-0.05	0.02
52.53	-31.53	-2.75	0.00	-87.27	0.00	87.27	5,237.24	1,324.95	6,507	5,857.72	0.29	-0.05	0.02
55.00	-29.59	-2.64	0.00	-80.46	0.00	80.46	5,188.38	1,306.51	6,327	5,721.65	0.32	-0.05	0.02
60.00	-27.70	-2.53	0.00	-67.25	0.00	67.25	5,087.55	1,269.23	5,971	5,449.09	0.38	-0.06	0.02
65.00	-25.85	-2.40	0.00	-54.62	0.00	54.62	4,983.94	1,231.96	5,625	5,180.05	0.44	-0.06	0.02
70.00	-24.05	-2.27	0.00	-42.62	0.00	42.62	4,877.57	1,194.69	5,290	4,914.79	0.51	-0.06	0.01
75.00	-22.99	-2.18	0.00	-31.29	0.00	31.29	4,768.42	1,157.41	4,965	4,653.58	0.57	-0.07	0.01
78.00	-18.41	-1.81	0.00	-24.74	0.00	24.74	4,701.61	1,135.05	4,775	4,498.90	0.61	-0.07	0.01
80.00	-17.88	-1.76	0.00	-21.12	0.00	21.12	4,656.51	1,120.14	4,651	4,396.67	0.64	-0.07	0.01
81.55	-15.91	-1.59	0.00	-18.39	0.00	18.39	4,621.32	1,108.60	4,555	4,318.09	0.67	-0.07	0.01
85.00	-15.52	-1.56	0.00	-12.90	0.00	12.90	4,541.82	1,082.86	4,346	4,144.33	0.71	-0.07	0.01
85.70	-14.08	-1.42	0.00	-11.81	0.00	11.81	4,525.54	1,077.64	4,305	4,109.38	0.73	-0.07	0.01
87.87	-13.54	-1.37	0.00	-8.71	0.00	8.71	3,722.07	926.78	3,714	3,395.95	0.76	-0.07	0.01
90.00	-6.42	-0.69	0.00	-5.79	0.00	5.79	3,684.33	913.19	3,606	3,311.80	0.79	-0.07	0.00
95.00	-5.51	-0.59	0.00	-2.36	0.00	2.36	3,593.66	881.24	3,358	3,116.32	0.86	-0.07	0.00
99.00	0.00	-0.58	0.00	0.00	0.00	0.00	3,519.12	855.68	3,166	2,962.39	0.92	-0.07	0.00

0.9D - 1.0Ev + 1.0Eh **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

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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	-39.98	-3.47	0.00	-257.79	0.00	257.79	7,347.96	1,935.63	12,151	10,514.58	0.00	0.00	0.03
5.00	-38.16	-3.46	0.00	-240.46	0.00	240.46	7,247.84	1,893.03	11,622	10,141.42	0.00	-0.01	0.03
10.00	-36.37	-3.43	0.00	-223.18	0.00	223.18	7,144.94	1,850.44	11,105	9,770.83	0.01	-0.01	0.03
15.00	-34.63	-3.40	0.00	-206.01	0.00	206.01	7,039.27	1,807.84	10,599	9,403.06	0.03	-0.02	0.03
20.00	-32.91	-3.36	0.00	-189.01	0.00	189.01	6,930.83	1,765.24	10,106	9,038.38	0.04	-0.02	0.03
25.00	-31.23	-3.30	0.00	-172.23	0.00	172.23	6,819.62	1,722.64	9,624	8,677.05	0.07	-0.03	0.02
30.00	-29.59	-3.23	0.00	-155.73	0.00	155.73	6,705.63	1,680.04	9,154	8,319.34	0.10	-0.03	0.02
35.00	-27.98	-3.15	0.00	-139.56	0.00	139.56	6,588.88	1,637.44	8,696	7,965.51	0.13	-0.04	0.02
40.00	-26.45	-3.07	0.00	-123.79	0.00	123.79	6,469.35	1,594.84	8,249	7,615.83	0.17	-0.04	0.02
44.89	-26.39	-3.06	0.00	-108.79	0.00	108.79	6,349.76	1,553.17	7,824	7,278.05	0.22	-0.04	0.02
45.00	-23.72	-2.89	0.00	-108.46	0.00	108.46	6,347.05	1,552.24	7,814	7,270.55	0.22	-0.04	0.02
50.00	-22.40	-2.79	0.00	-94.02	0.00	94.02	6,221.98	1,509.64	7,391	6,929.94	0.27	-0.05	0.02
52.53	-21.72	-2.74	0.00	-86.96	0.00	86.96	5,237.24	1,324.95	6,507	5,857.72	0.29	-0.05	0.02
55.00	-20.39	-2.63	0.00	-80.17	0.00	80.17	5,188.38	1,306.51	6,327	5,721.65	0.32	-0.05	0.02
60.00	-19.09	-2.52	0.00	-67.00	0.00	67.00	5,087.55	1,269.23	5,971	5,449.09	0.38	-0.06	0.02
65.00	-17.81	-2.39	0.00	-54.42	0.00	54.42	4,983.94	1,231.96	5,625	5,180.05	0.44	-0.06	0.01
70.00	-16.57	-2.26	0.00	-42.46	0.00	42.46	4,877.57	1,194.69	5,290	4,914.79	0.50	-0.06	0.01
75.00	-15.84	-2.17	0.00	-31.17	0.00	31.17	4,768.42	1,157.41	4,965	4,653.58	0.57	-0.07	0.01
78.00	-12.68	-1.80	0.00	-24.65	0.00	24.65	4,701.61	1,135.05	4,775	4,498.90	0.61	-0.07	0.01
80.00	-12.32	-1.76	0.00	-21.04	0.00	21.04	4,656.51	1,120.14	4,651	4,396.67	0.64	-0.07	0.01
81.55	-10.97	-1.59	0.00	-18.33	0.00	18.33	4,621.32	1,108.60	4,555	4,318.09	0.66	-0.07	0.01
85.00	-10.69	-1.55	0.00	-12.85	0.00	12.85	4,541.82	1,082.86	4,346	4,144.33	0.71	-0.07	0.01
85.70	-9.70	-1.42	0.00	-11.76	0.00	11.76	4,525.54	1,077.64	4,305	4,109.38	0.72	-0.07	0.01
87.87	-9.33	-1.37	0.00	-8.68	0.00	8.68	3,722.07	926.78	3,714	3,395.95	0.75	-0.07	0.01
90.00	-4.43	-0.68	0.00	-5.77	0.00	5.77	3,684.33	913.19	3,606	3,311.80	0.79	-0.07	0.00
95.00	-3.79	-0.59	0.00	-2.35	0.00	2.35	3,593.66	881.24	3,358	3,116.32	0.86	-0.07	0.00
99.00	0.00	-0.58	0.00	0.00	0.00	0.00	3,519.12	855.68	3,166	2,962.39	0.92	-0.07	0.00

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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	30.27	0.00	58.58	0.00	0.00	2298.15	0.00	0.23
0.9D + 1.0W	30.26	0.00	43.93	0.00	0.00	2293.32	0.00	0.22
1.2D + 1.0Di + 1.0Wi	8.01	0.00	73.72	0.00	0.00	582.79	0.00	0.07
1.2D + 1.0Ev + 1.0Eh	3.47	0.00	58.02	0.00	0.00	258.43	0.00	0.03
0.9D - 1.0Ev + 1.0Eh	3.47	0.00	39.98	0.00	0.00	257.79	0.00	0.03
1.0D + 1.0W	7.24	0.00	48.83	0.00	0.00	549.34	0.00	0.06

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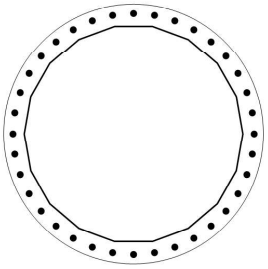
BASE PLATE ANALYSIS @ 0 FT

PLATE PARAMETERS (ID# 13901)

Diameter:	84	in
Shape:	Round	
Thickness:	3.5	in
Grade:	A572-60	
Yield Strength:	60	ksi
Tensile Strength:	75	ksi
Rod Detail Type:	d	
Clear Distance	3.125	in
Base Weld Size:	0.125	in
Orientation Offset:	-	°
Analysis Type:	Plastic	
Neutral Axis:	210	°



ANCHOR ROD PARAMETERS

Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	Fy (ksi)	Fu (ksi)	Spacing (in)	Offset (°)
Original [ID# 14197]	Radial	36	2.25	78	A615-75	75	100	-	-

ANCHOR ROD GEOMETRY AND APPLIED LOADS --- Original (36) 2.25"ø [ID 14197]

GEOMETRY AND APPLIED LOADS (UNFACTORED)

Position	Radians	X (in)	Y (in)	Moment Arm (in)	Inertia (in^4)	Axial Load (k)	Shear Load (k)
1	0.175	38.41	6.77	12.890	540.440	35.26	1.24
2	0.349	36.65	13.34	6.544	139.933	35.26	1.30
3	0.524	33.78	19.50	0.000	0.839	-28.76	1.32
4	0.698	29.88	25.07	-6.544	139.934	-28.76	1.30
5	0.873	25.07	29.88	-12.890	540.441	-28.76	1.24
6	1.047	19.50	33.78	-18.844	1154.053	-28.76	1.15
7	1.222	13.34	36.65	-24.225	1906.755	-28.76	1.01
8	1.396	6.77	38.41	-28.870	2707.768	-28.76	0.85
9	1.571	0.00	39.00	-32.638	3460.474	-28.76	0.66
10	1.745	-6.77	38.41	-35.415	4074.086	-28.76	0.45
11	1.920	-13.34	36.65	-37.115	4474.593	-28.76	0.23
12	2.094	-19.50	33.78	-37.688	4613.688	-28.76	0.00
13	2.269	-25.07	29.88	-37.115	4474.593	-28.76	0.23
14	2.443	-29.88	25.07	-35.415	4074.087	-28.76	0.45
15	2.618	-33.78	19.50	-32.638	3460.475	-28.76	0.66
16	2.793	-36.65	13.34	-28.870	2707.769	-28.76	0.85
17	2.967	-38.41	6.77	-24.225	1906.756	-28.76	1.01
18	3.142	-39.00	0.00	-18.844	1154.050	-28.76	1.15
19	3.316	-38.41	-6.77	-12.890	540.439	-28.76	1.24
20	3.491	-36.65	-13.34	-6.544	139.933	-28.76	1.30
21	3.665	-33.78	-19.50	0.000	0.839	-28.76	1.32
22	3.840	-29.88	-25.07	6.544	139.933	35.26	1.30
23	4.014	-25.07	-29.88	12.890	540.439	35.26	1.24
24	4.189	-19.50	-33.78	18.844	1154.051	35.26	1.15
25	4.363	-13.34	-36.65	24.225	1906.757	35.26	1.01
26	4.538	-6.77	-38.41	28.870	2707.770	35.26	0.85
27	4.712	0.00	-39.00	32.638	3460.476	35.26	0.66
28	4.887	6.77	-38.41	35.415	4074.087	35.26	0.45
29	5.061	13.34	-36.65	37.115	4474.593	35.26	0.23
30	5.236	19.50	-33.78	37.688	4613.688	35.26	0.00
31	5.411	25.07	-29.88	37.115	4474.593	35.26	0.23
32	5.585	29.88	-25.07	35.415	4074.086	35.26	0.45
33	5.760	33.78	-19.50	32.638	3460.474	35.26	0.66
34	5.934	36.65	-13.34	28.870	2707.772	35.26	0.85
35	6.109	38.41	-6.77	24.225	1906.759	35.26	1.01
36	6.283	39.00	0.00	18.844	1154.053	35.26	1.15

REACTION DISTRIBUTION

Component	ID	Moment Mu (k-ft)	Axial Load Pu (k)	Shear Vu (k)	Factor
Pole	70"ø x 0.5" (18 Sides)	2298.2	58.58	30.27	1.000
Bolt Group	Original (36) 2.25"ø	2298.2	-	30.27	1.000
	TOTALS	**2298.15**	**58.58**	**30.27**	

COMPONENT PROPERTIES

Component	ID	Gross Area (in^2)	Net Area (in^2)	Individual Inertia (in^4)	Moment of Inertia (in^4)	Threads/in
Pole	70"ø x 0.5" (18 Sides)	108.6169	-	-	65589.95	-
Bolt Group	Original (36) 2.25"ø	3.9761	3.2477	0.8393	83061.47	4.5

EXTERNAL BASE PLATE BEND LINE ANALYSIS @ 0 FT

POLE PROPERTIES

Flat-to-Flat Diameter:	70.12	in
Point-to-Point Diameter:	71.21	in
Flat Width:	12.365	in
Flat Radians:	0.349	rad

PLATE PROPERTIES

Neutral Axis:	210	°
Bend Line Lower Limit:	4.827	rad
Bend Line Upper Limit:	5.645	rad

Bend Line	Chord Length (in)	Additional Length (in)	Section Modulus (in^3)	Applied Moment Mu (k-in)	Moment Capacity ϕMn (k-in)	Ratio
Flat	41.314	0.00	126.523	309.9	6832.2	0.045
Corner	39.420	0.00	120.723	214.0	6519.1	0.033
Circumferential	45.071	0.00	138.029	427.6	7453.6	0.057

PLASTIC ANCHOR ROD ANALYSIS

Class	Group Quantity	Rod Diameter (in)	Applied Axial Load Pu (k)	Compressive Capacity ϕPn (k)	Ratio
Original	36	2.25	35.3	243.6	0.145

Maser Consulting Connecticut
135 New Rd
Madison, CT 06443
860.395.0055
peter.albano@colliersengineering.com

Post-Modification Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10115589
Maser Consulting Connecticut Project #: 21777464A

November 17, 2021

Site Information	*Site ID:*	*468065-VZW / NEWTOWN NE CT*
	Site Name:	*NEWTOWN NE CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*111 Upper Fish Rock Rd.* *Southbury, Connecticut 06478* *New Haven County*
	Latitude:	*41.438278°*
	Longitude:	*-73.237742°*
Structure Information	*Tower Type:*	*100-Ft Monopole*
	Mount Type:	*13.17-Ft Platform*

FUZE ID # 16272194

Analysis Results

Platform: **65.4% 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
For additional questions and support, please reach out to:
pmisupport@colliersengineering.com

11/17/21

Report Prepared By: Conner Hoge

Executive Summary:

The objective of this report is to summarize the analysis results of the antenna support mount including the proposed modifications at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards.

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: 324505, dated June 15, 2021*
Mount Mapping Report	*RKS Design & Engineering, LLC, Site ID: ATC:411188, dated October 28, 2021*
Previous Mount Analysis Report	*Maser Consulting Project #: 21777464A, dated November 08, 2021*
Mount Modification Drawings	*Maser Consulting Project #: 21777464A, dated November 17, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	116 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:	0.986
Seismic Parameters:	S_S:	0.203 g
	S_1:	0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
97.00	102.50	3	Samsung	MT6407-77A	Added
	100.00	6	Commscope	JAHH-65C-R3B	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		3	Commscope	CBC78T-DS-43-2X	
		1	Raycap	RVZDC-6627-PF-48	
	99.00	3	Samsung	XXDWMM-12.5-65-8T-CBRS	
		6	Amphenol Antel	LPA-80080/8CF	Retained

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

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

Standard Conditions:

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

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

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

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

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

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

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

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

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

8. Any mount modifications listed under Sources of Information are assumed to have been installed per the design specifications.

Discrepancies between in-field conditions and the assumptions listed above may render this analysis invalid unless explicitly approved by Maser Consulting.

Analysis Results:

Component	Utilization %	Pass/Fail
Standoff Horizontal	23.0 %	Pass
Face Horizontal	18.5 %	Pass
Grating Support	3.7 %	Pass
Mount Pipe	65.4 %	Pass
Support Rail	29.2 %	Pass
Support Rail Corning Angle	47.1 %	Pass
Kicker	10.7 %	Pass
Connection	55.5 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**65.4%**

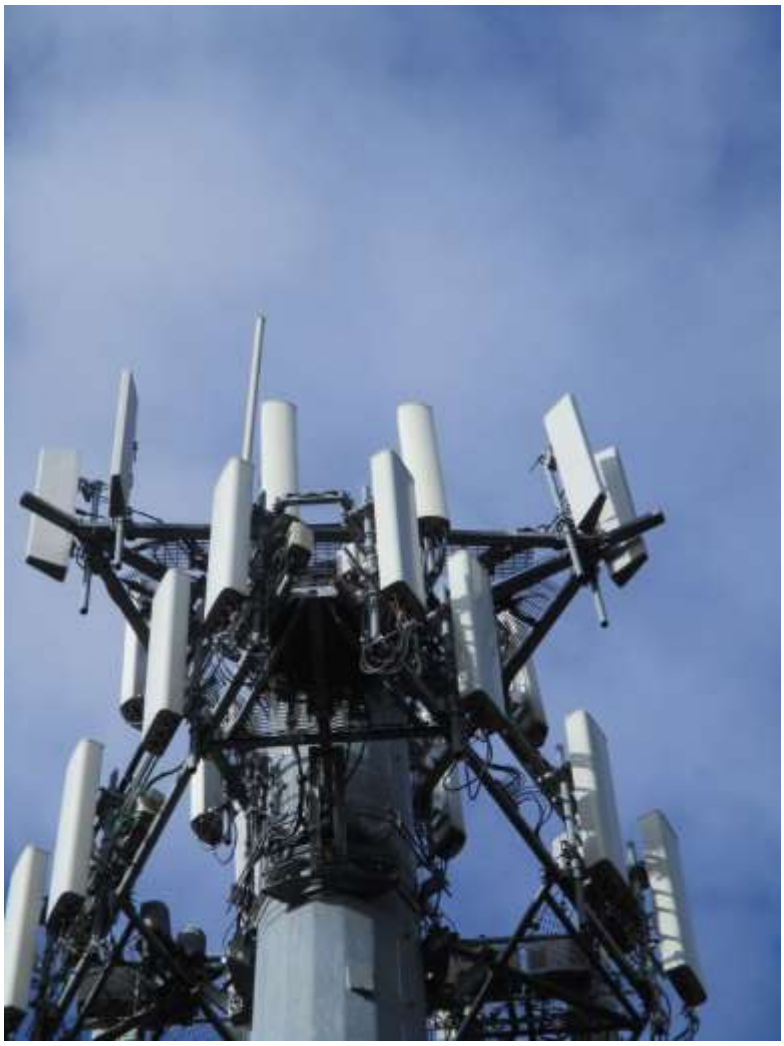
Recommendation:

The existing mount will be **SUFFICIENT** for the final loading after the proposed modifications are successfully completed.

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 PMI Report Deliverables**
5. Antenna Placement Diagrams
6. TIA Adoption and Wind Speed Usage Letter




10/28/2021 10:57

V4.0 Updated on 3-31-2021

Antenna Mount Mapping Form (PATENT PENDING)

FCC #
UNKNOWN

Tower Owner:	ATC	**Mapping Date:**	10/28/2021
Site Name:	ATC:SOUTHBURY CT,VZW:NEWTOWN NE CT	**Tower Type:**	Monopole
Site Number or ID:	ATC:411188	**Tower Height (Ft.):**	100
Mapping Contractor:	RKS Design & Engineering, LLC	**Mount Elevation (Ft.):**	97

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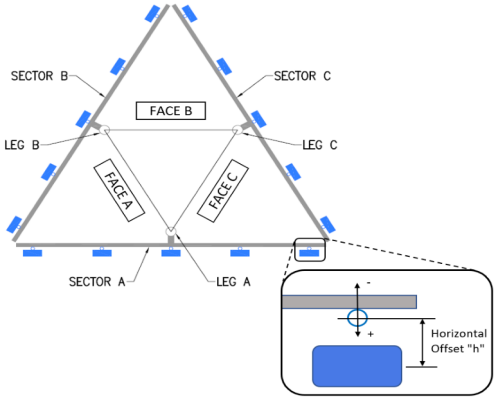
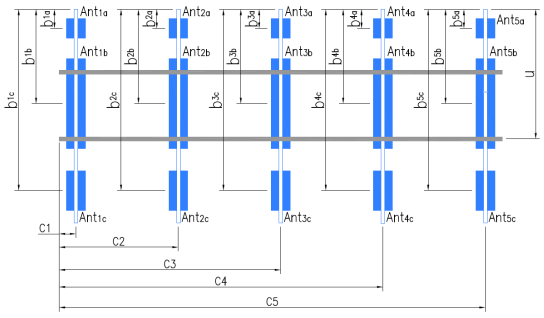
Please insert the sketches of the antenna mount from the "Sketches" tab with dimensions and members here.





Antenna Layout (Looking Out From Tower)

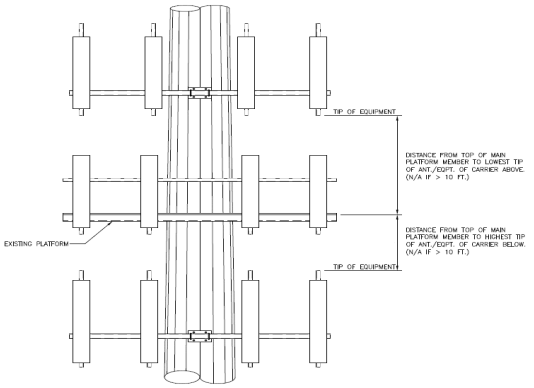
Mount Pipe Configuration and Geometries [Unit = Inches]							
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	Pipe 2.37"Ø X 0.16" X 102" Long	66.00	11.50	C1	Pipe 2.37"Ø X 0.16" X 102" Long	66.00	11.50
A2	Pipe 2.37"Ø X 0.16" X 102" Long	66.00	57.75	C2	Pipe 2.37"Ø X 0.16" X 102" Long	66.00	57.75
A3	Pipe 2.37"Ø X 0.16" X 102" Long	66.00	109.00	C3	Pipe 2.37"Ø X 0.16" X 102" Long	66.00	109.00
A4	Pipe 2.37"Ø X 0.16" X 102" Long	66.00	153.25	C4	Pipe 2.37"Ø X 0.16" X 102" Long	66.00	153.25
A5				C5			
A6				C6			
B1	Pipe 2.37"Ø X 0.16" X 102" Long	66.00	11.50	D1			
B2	Pipe 2.37"Ø X 0.16" X 102" Long	66.00	57.75	D2			
B3	Pipe 2.37"Ø X 0.16" X 102" Long	66.00	109.00	D3			
B4	Pipe 2.37"Ø X 0.16" X 102" Long	66.00	153.25	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.) :							6
Please enter additional infomation or comments below.							
Tower Face Width at Mount Elev. (ft.):			Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):				42
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.							0.375

	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}										
Ant_{1b}	LPA 80080/8CF E-DIN	5.50	13.20	94.50		99.7708	32.75	13.50	55.00	7,187
Ant_{1c}										
Ant_{2a}	B66a RRH 4x45	11.80	7.20	25.80		100.167	28.00	-8.00		7,187
Ant_{2b}	SBNHH-1D65C	11.90	7.10	96.60		99.5625	35.25	9.50	10.00	7,187
Ant_{2c}										
Ant_{3a}	B13 RRH4x30	12.00	9.00	21.60		99.9167	31.00	-8.50		7,188
Ant_{3b}	SBNHH-1D65C	11.90	7.10	96.60		99.4792	36.25	9.50	10.00	7,188
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	LPA 80080/8CF E-DIN	5.50	13.20	94.50		99.6875	33.75	13.50	55.00	7,188
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	RRFDC-3315-PF-48	15.70	10.20	25.60			37.00			158
Ant on Standoff										
Ant on Tower										
Ant on Tower										

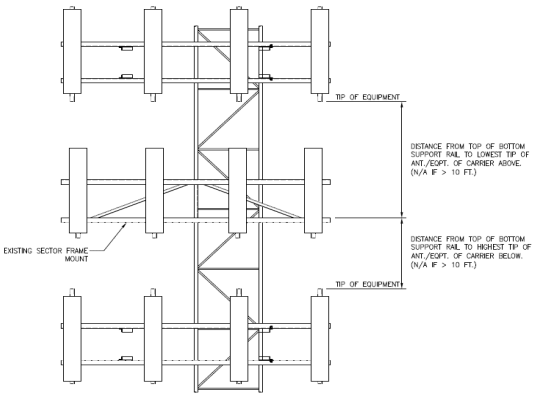
Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	10.00	Deg	Leg A:		Deg
Sector B:	130.00	Deg	Leg B:		Deg
Sector C:	250.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	0.00	Deg	N/A
Climbing Facility	Corrosion Type:		N/A
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.

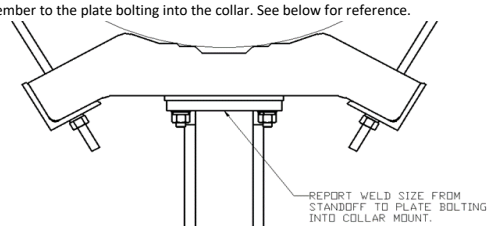
Please insert a photo of the mount centerline measurement here.



FOR PLATFORMS



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



Sector B										
Ant_{1a}										
Ant_{1b}	LPA 80080/8CF E-DIN	5.50	13.20	94.50		99.7708	32.75	13.50	120.00	12,190
Ant_{1c}										
Ant_{2a}	B66a RRH 4x45	11.80	7.20	25.80		100.167	28.00	-8.00		12,190
Ant_{2b}	SBNHH-1D65C	11.90	7.10	96.60		99.5625	35.25	9.50	130.00	12,190
Ant_{2c}										
Ant_{3a}	B13 RRH4x30	12.00	9.00	21.60		99.9167	31.00	-8.50		12,192
Ant_{3b}	SBNHH-1D65C	11.90	7.10	96.60		99.4792	36.25	9.50	130.00	12,192
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	LPA 80080/8CF E-DIN	5.50	13.20	94.50		99.6875	33.75	13.50	130.00	12,192
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	RRFDC-3315-PF-48	15.70	10.20	25.60			42.00			192
Ant on Standoff	DB616-4B	2.50	2.50	120.00						333
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	LPA 80080/8CF E-DIN	5.50	13.20	94.50		99.7708	32.75	13.50	205.00	17,194
Ant_{1c}										
Ant_{2a}	B66a RRH 4x45	11.80	7.20	25.80		100.167	28.00	-8.00		17,194
Ant_{2b}	SBNHH-1D85C	11.90	7.10	96.00		99.5833	35.00	9.50	250.00	17,194
Ant_{2c}										
Ant_{3a}	B13 RRH4x30	12.00	9.00	21.60		99.9167	31.00	-8.50		17,195
Ant_{3b}	SBNHH-1D85C	11.90	7.10	96.00		99.5	36.00	9.50	250.00	17,195
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	LPA 80080/8CF E-DIN	5.50	13.20	94.50		99.6875	33.75	13.50	205.00	17,195
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 (20): (2) 1.55"Ø HYBRID, (7) FH 1-5/8, (11) FH 1-5/8 CUT	
2		
3		
4		
5		
6		
7		
8		

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

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

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

V4.0 Updated on 3-31-2021

Antenna Mount Mapping Form (PATENT PENDING)

FCC #
UNKNOWN

Tower Owner:	ATC	**Mapping Date:**	10/28/2021
Site Name:	ATC:SOUTHBURY CT,VZW:NEWTOWN NE CT	**Tower Type:**	Monopole
Site Number or ID:	ATC:411188	**Tower Height (Ft.):**	100
Mapping Contractor:	RKS Design & Engineering, LLC	**Mount Elevation (Ft.):**	97

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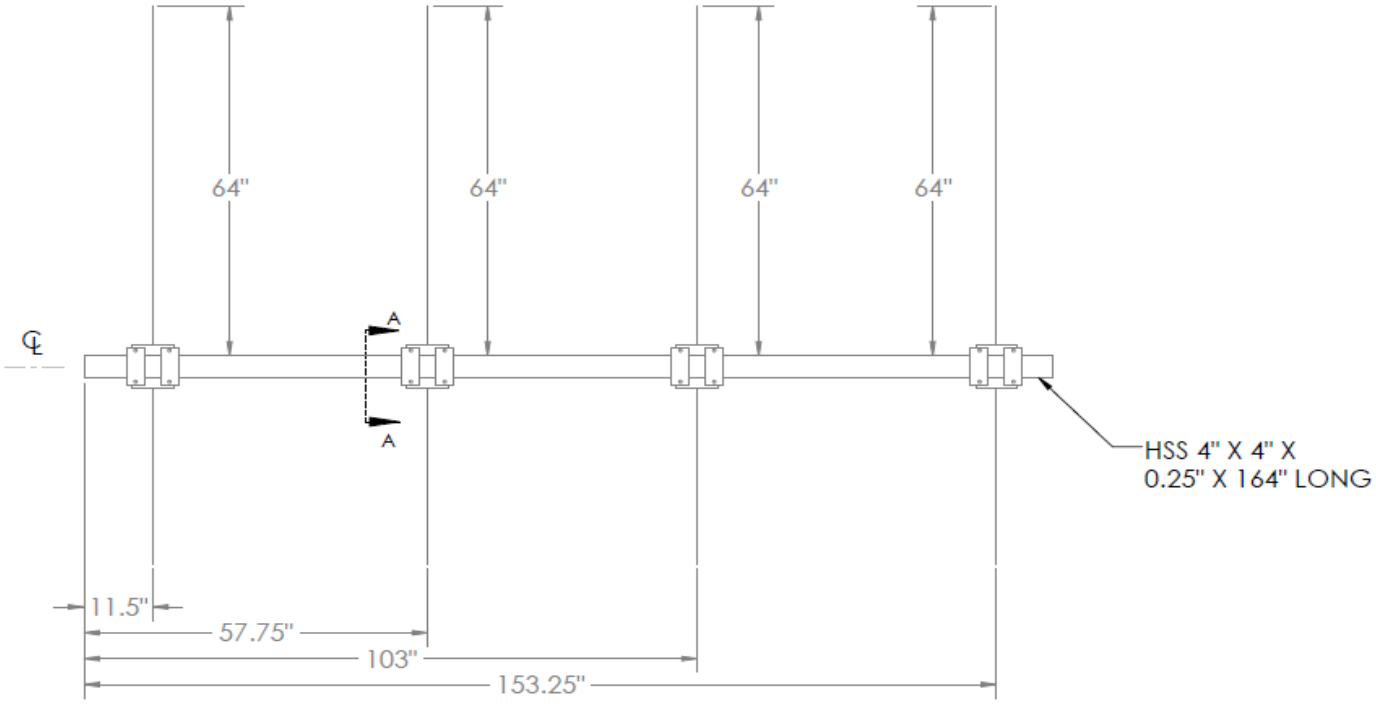
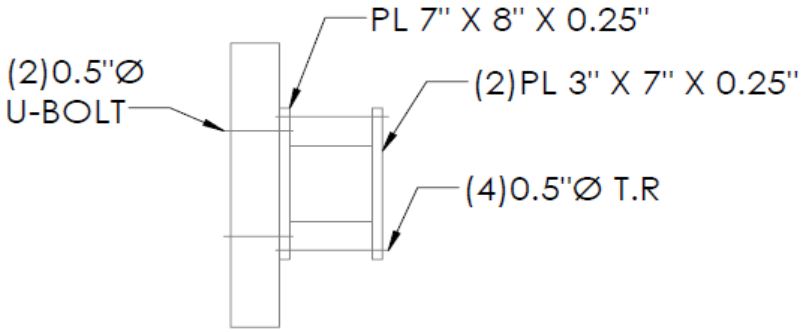
Please Insert Sketches of the Antenna Mount

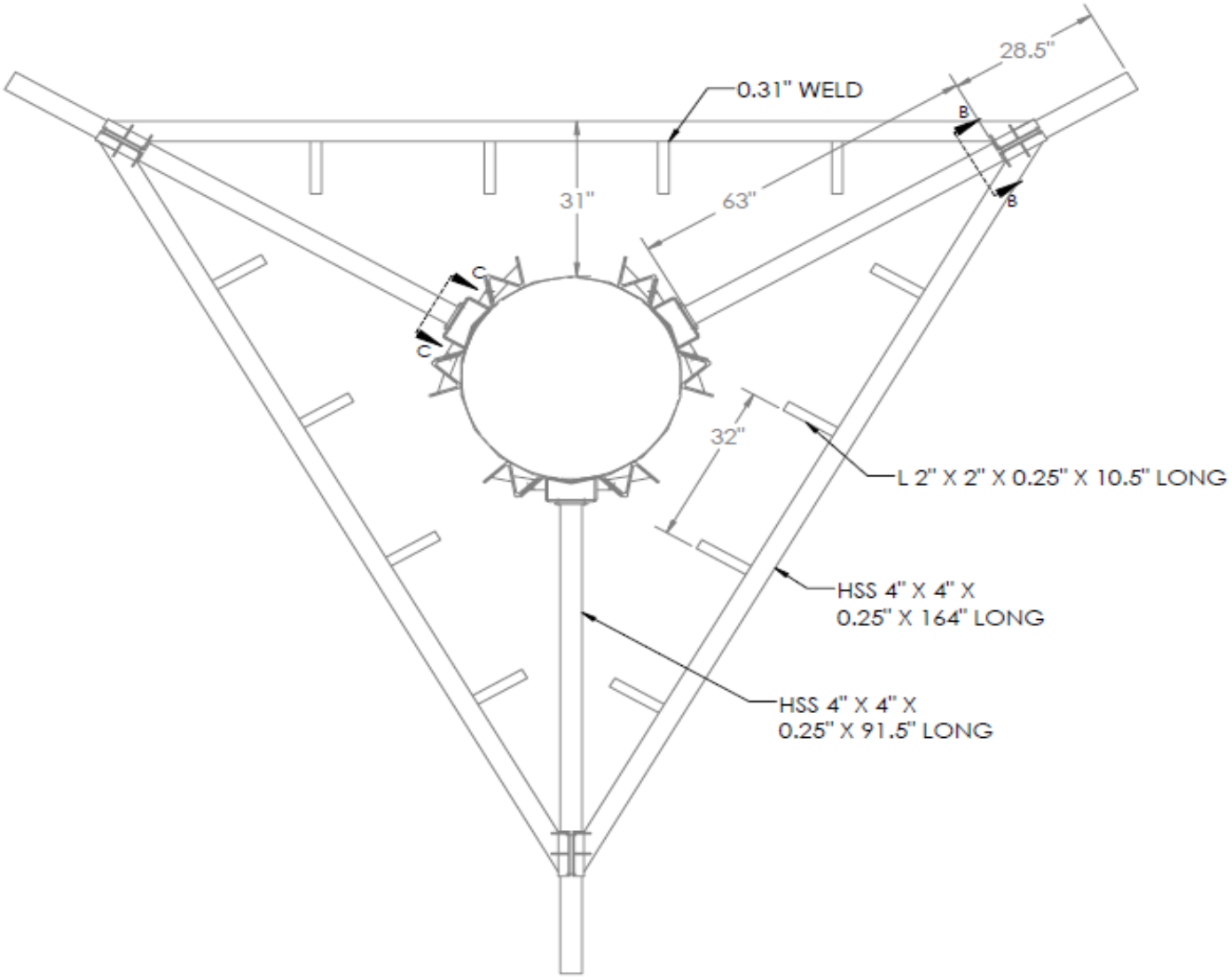


SECTOR A,B & C

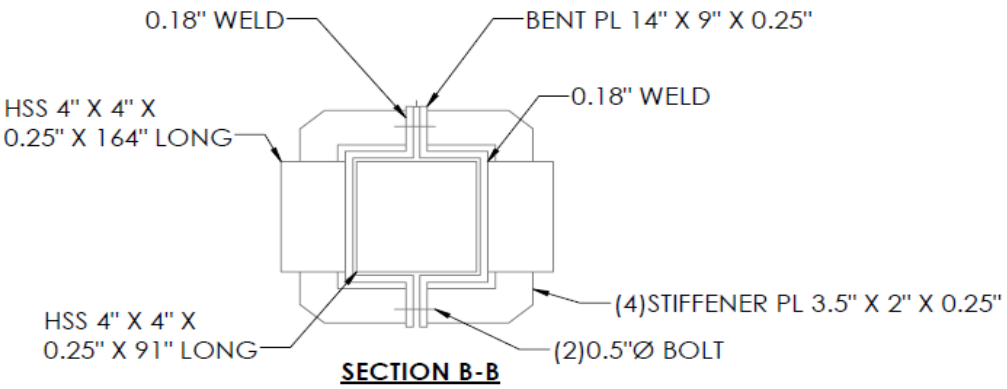


SECTION A-A

Please Insert Sketches of the Antenna Mount, cont'd

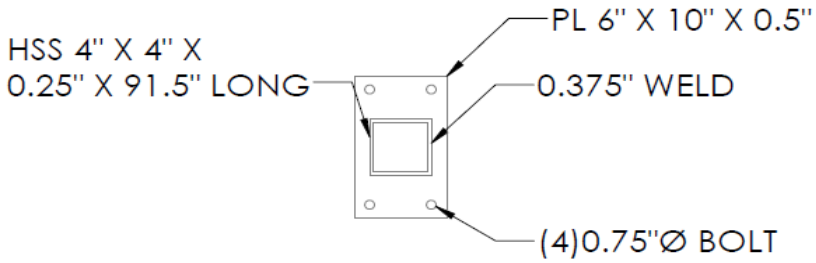


MOUNT VIEW

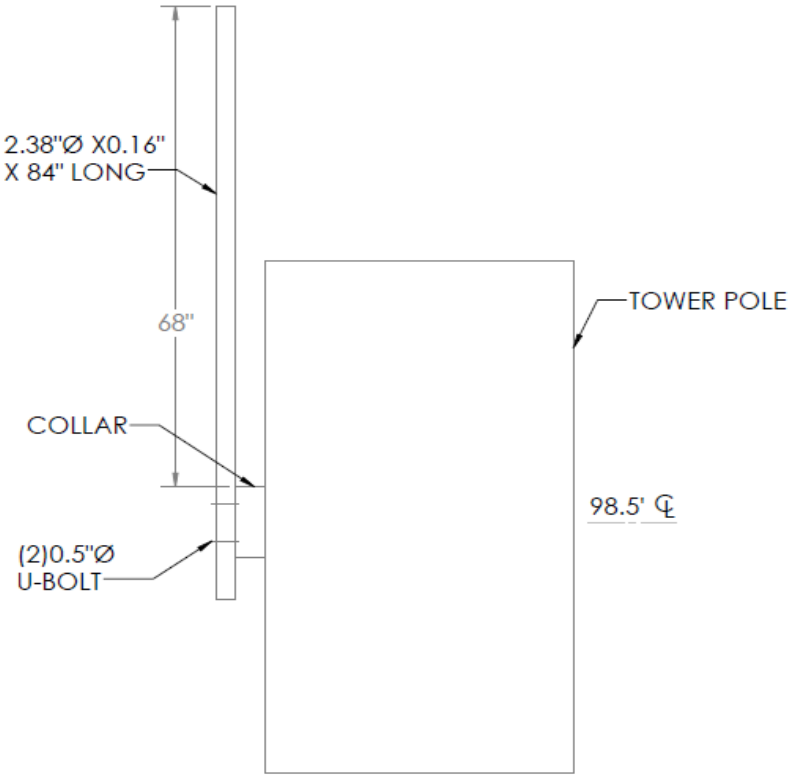


SECTION B-B

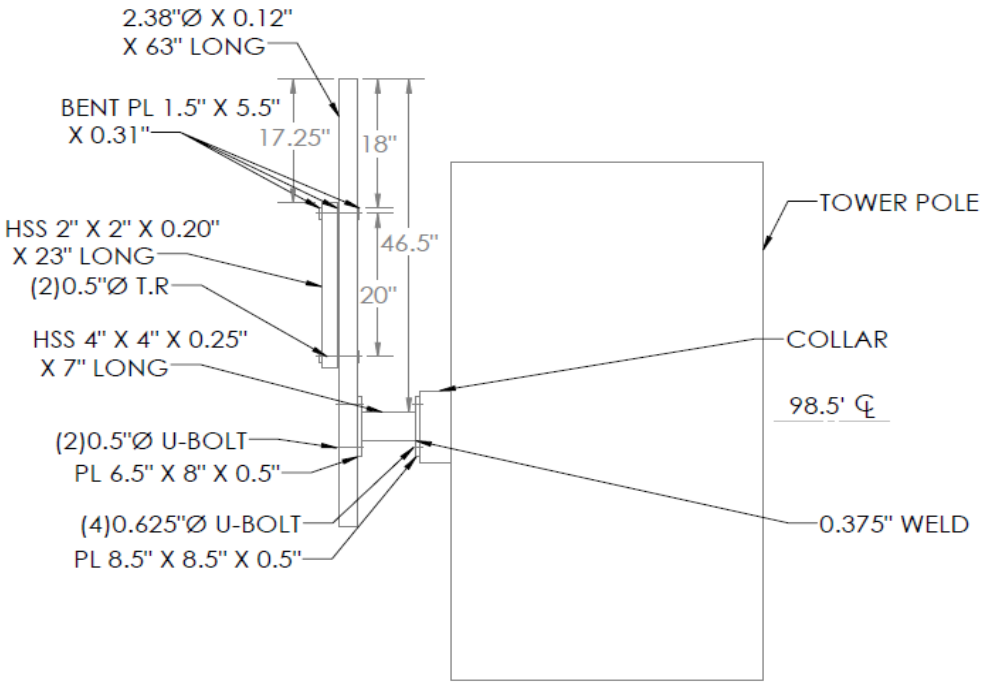
Please Insert Sketches of the Antenna Mount, cont'd



SECTION C-C

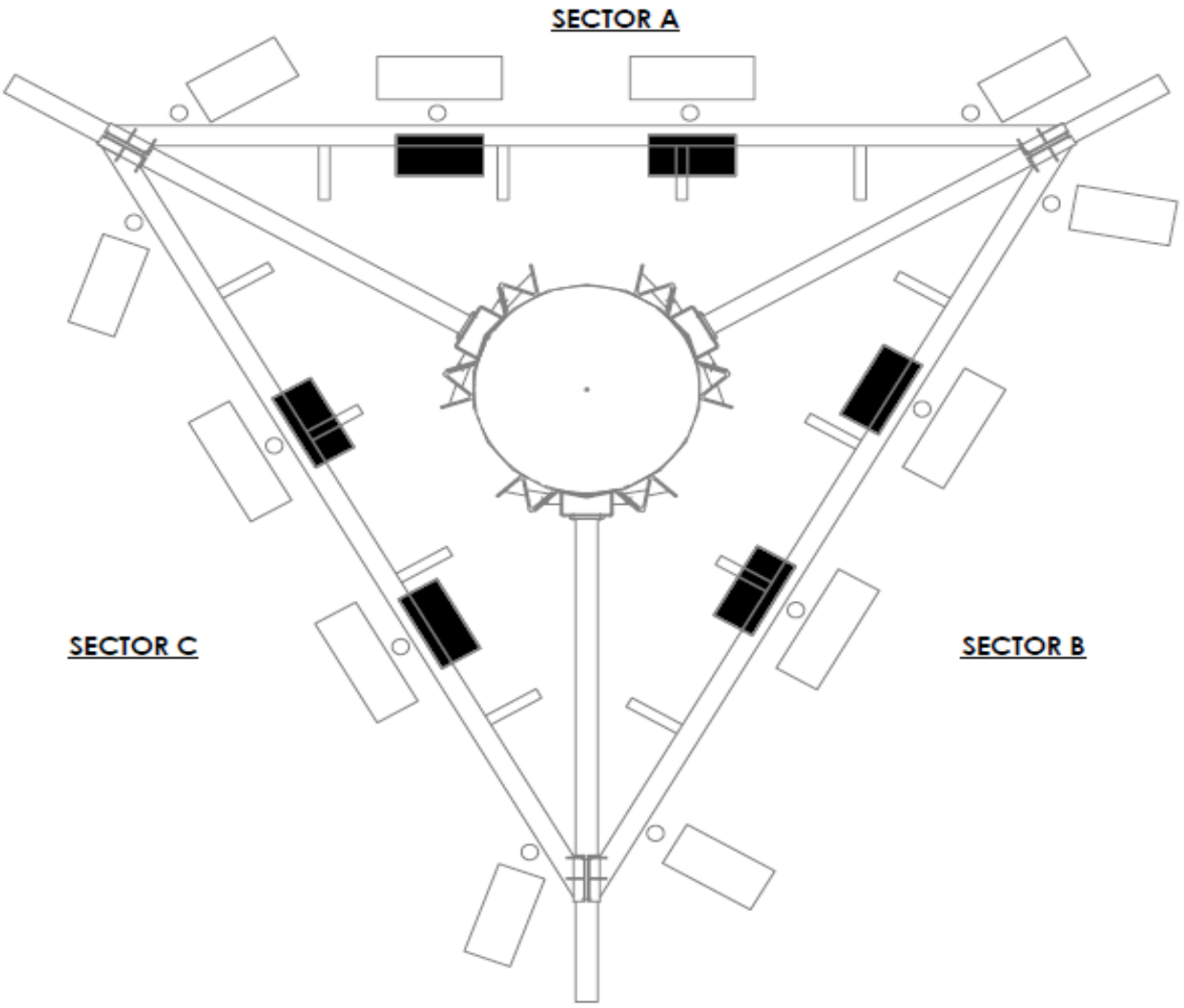


STANBD OFF 1 VIEW

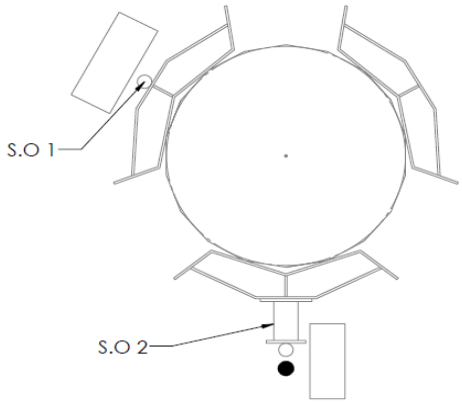


STAND OFF 2 VIEW

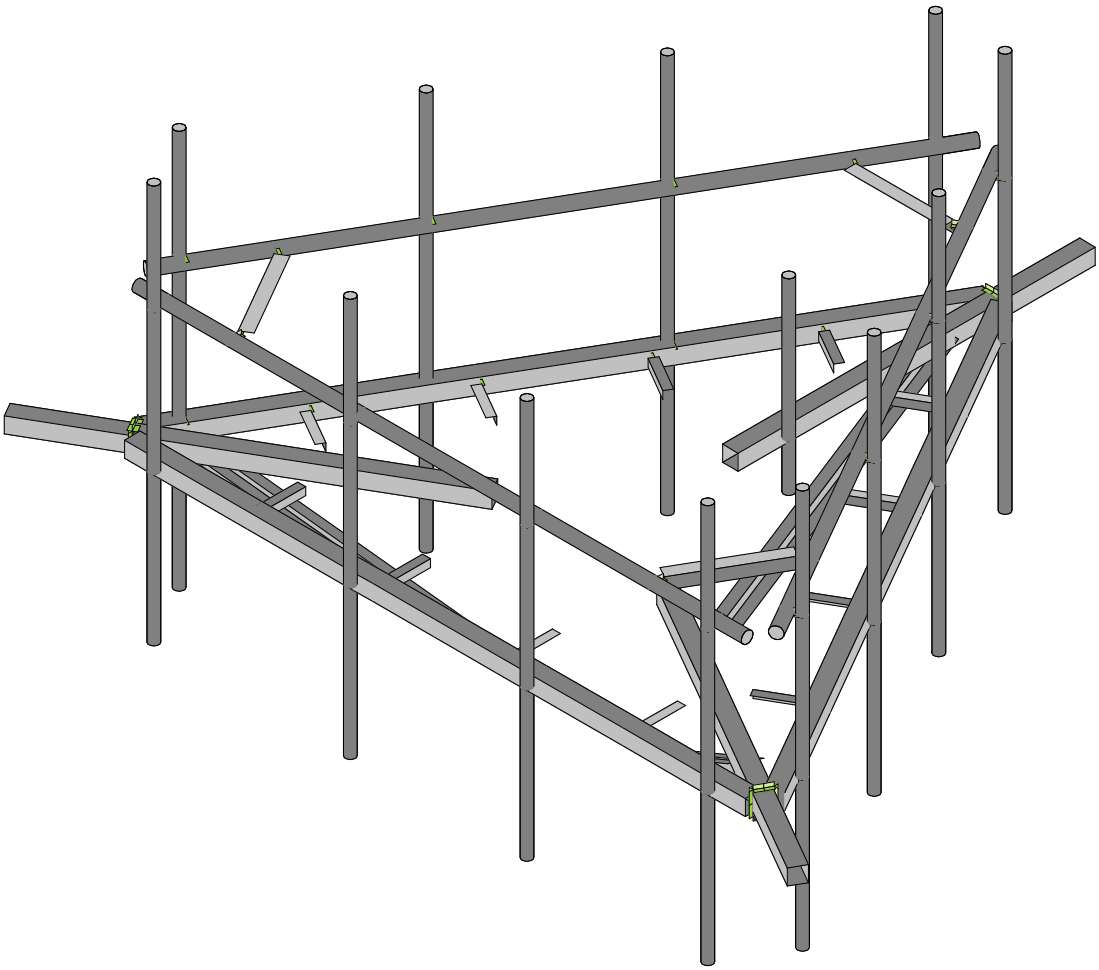
Please Insert Sketches of the Antenna Mount, cont'd



ANTENNA PLAN VIEW

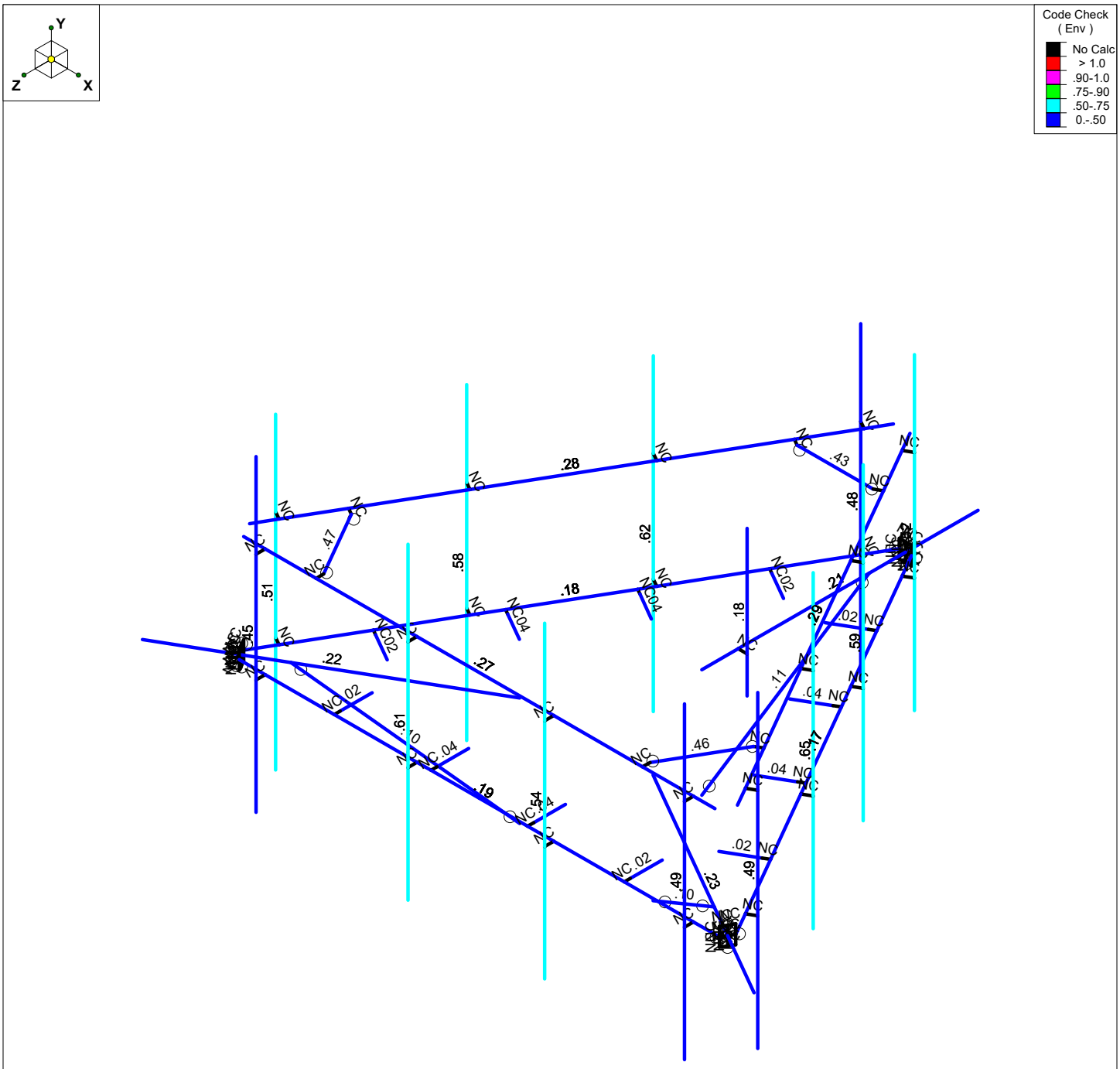


DEVICE PLAN VIEW



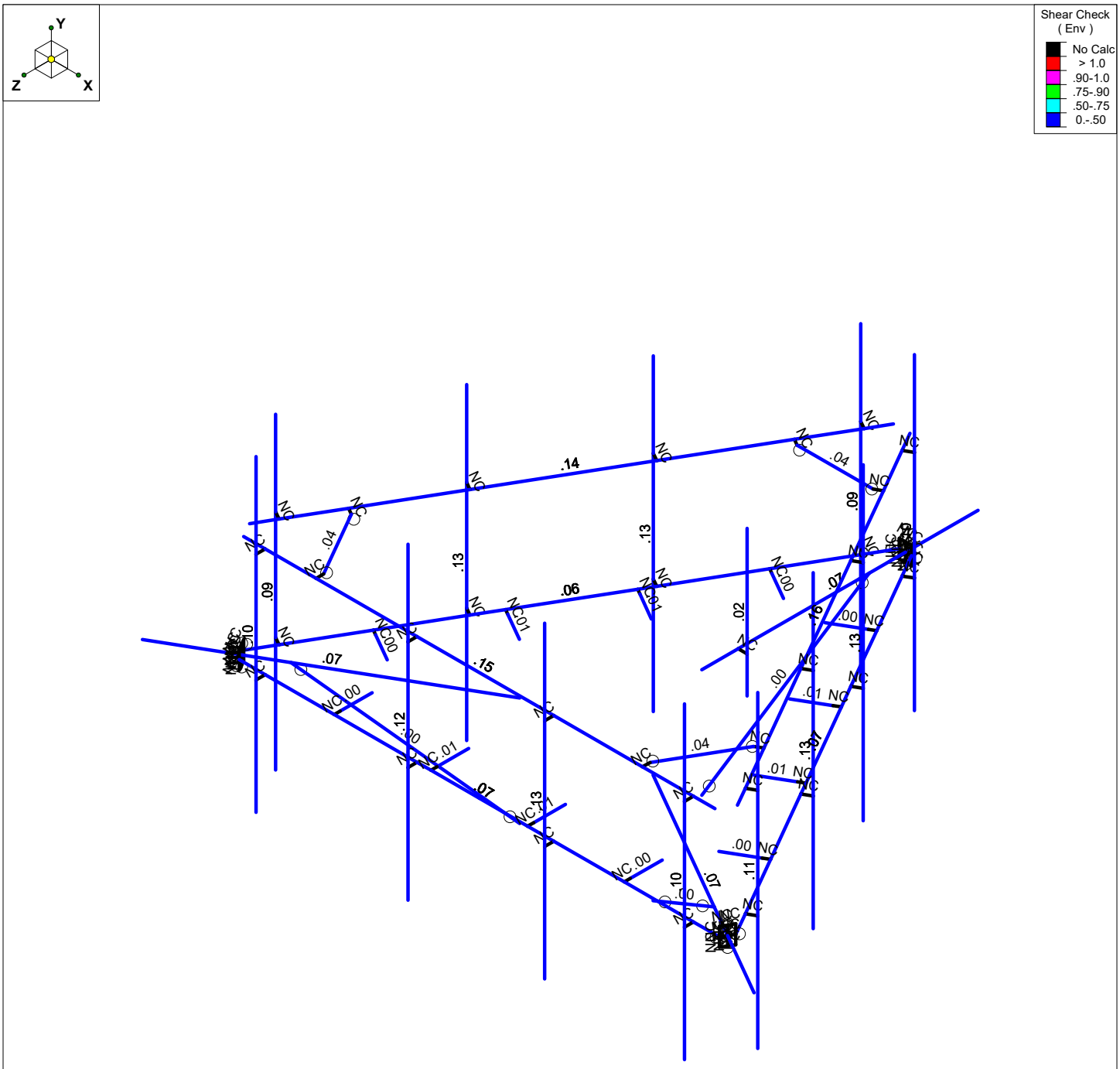
Envelope Only Solution

		SK - 1
		Nov 11, 2021 at 10:11 AM
		Mod_468065-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		Nov 11, 2021 at 10:11 AM
		Mod_468065-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		Nov 11, 2021 at 10:11 AM
		Mod_468065-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravi...	Y Gravi...	Z Gravity	Joint	Point	Distrib...	Area(M...	Surfac...
1	Antenna D	None					138			
2	Antenna Di	None					138			
3	Antenna Wo (0 Deg)	None					138			
4	Antenna Wo (30 Deg)	None					138			
5	Antenna Wo (60 Deg)	None					138			
6	Antenna Wo (90 Deg)	None					138			
7	Antenna Wo (120 Deg)	None					138			
8	Antenna Wo (150 Deg)	None					138			
9	Antenna Wo (180 Deg)	None					138			
10	Antenna Wo (210 Deg)	None					138			
11	Antenna Wo (240 Deg)	None					138			
12	Antenna Wo (270 Deg)	None					138			
13	Antenna Wo (300 Deg)	None					138			
14	Antenna Wo (330 Deg)	None					138			
15	Antenna Wi (0 Deg)	None					138			
16	Antenna Wi (30 Deg)	None					138			
17	Antenna Wi (60 Deg)	None					138			
18	Antenna Wi (90 Deg)	None					138			
19	Antenna Wi (120 Deg)	None					138			
20	Antenna Wi (150 Deg)	None					138			
21	Antenna Wi (180 Deg)	None					138			
22	Antenna Wi (210 Deg)	None					138			
23	Antenna Wi (240 Deg)	None					138			
24	Antenna Wi (270 Deg)	None					138			
25	Antenna Wi (300 Deg)	None					138			
26	Antenna Wi (330 Deg)	None					138			
27	Antenna Wm (0 Deg)	None					138			
28	Antenna Wm (30 Deg)	None					138			
29	Antenna Wm (60 Deg)	None					138			
30	Antenna Wm (90 Deg)	None					138			
31	Antenna Wm (120 Deg)	None					138			
32	Antenna Wm (150 Deg)	None					138			
33	Antenna Wm (180 Deg)	None					138			
34	Antenna Wm (210 Deg)	None					138			
35	Antenna Wm (240 Deg)	None					138			
36	Antenna Wm (270 Deg)	None					138			
37	Antenna Wm (300 Deg)	None					138			
38	Antenna Wm (330 Deg)	None					138			
39	Structure D	None		-1					3	
40	Structure Di	None						40	3	
41	Structure Wo (0 Deg)	None						80		
42	Structure Wo (30 Deg)	None						80		
43	Structure Wo (60 Deg)	None						80		
44	Structure Wo (90 Deg)	None						80		
45	Structure Wo (120 Deg)	None						80		
46	Structure Wo (150 Deg)	None						80		
47	Structure Wo (180 Deg)	None						80		
48	Structure Wo (210 Deg)	None						80		
49	Structure Wo (240 Deg)	None						80		
50	Structure Wo (270 Deg)	None						80		
51	Structure Wo (300 Deg)	None						80		
52	Structure Wo (330 Deg)	None						80		
53	Structure Wi (0 Deg)	None						80		
54	Structure Wi (30 Deg)	None						80		
55	Structure Wi (60 Deg)	None						80		
56	Structure Wi (90 Deg)	None						80		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravi...	Y Gravi...	Z Gravity	Joint	Point	Distrib...	Area(M...	Surfac...
57	Structure Wi (120 Deg)	None						80		
58	Structure Wi (150 Deg)	None						80		
59	Structure Wi (180 Deg)	None						80		
60	Structure Wi (210 Deg)	None						80		
61	Structure Wi (240 Deg)	None						80		
62	Structure Wi (270 Deg)	None						80		
63	Structure Wi (300 Deg)	None						80		
64	Structure Wi (330 Deg)	None						80		
65	Structure Wm (0 Deg)	None						80		
66	Structure Wm (30 Deg)	None						80		
67	Structure Wm (60 Deg)	None						80		
68	Structure Wm (90 Deg)	None						80		
69	Structure Wm (120 Deg)	None						80		
70	Structure Wm (150 Deg)	None						80		
71	Structure Wm (180 Deg)	None						80		
72	Structure Wm (210 Deg)	None						80		
73	Structure Wm (240 Deg)	None						80		
74	Structure Wm (270 Deg)	None						80		
75	Structure Wm (300 Deg)	None						80		
76	Structure Wm (330 Deg)	None						80		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					138			
82	Antenna Eh (0 Deg)	None					92			
83	Antenna Eh (90 Deg)	None					92			
84	Structure Ev	ELY		-.043						
85	Structure Eh (0 Deg)	ELZ	-.108							
86	Structure Eh (90 Deg)	ELX			.108					
87	BLC 39 Transient Area Loads	None						12		
88	BLC 40 Transient Area Loads	None						12		

Load Combinations

	Description	S...	PDelta	S...	B...	Fa...	BLC	Fa...	BLC	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 D...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (150 D...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (180 D...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (210 D...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (240 D...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (270 D...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (300 D...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (330 D...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								

Load Combinations (Continued)

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

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
1	N3	0	0	-2.125	0	
2	N27	0	0	-9.739583	0	
3	CP	0	0	0	0	
4	N5	0	0	-7.739583	0	
5	N6	0.166667	0	-7.739583	0	
6	N7	-0.166667	0	-7.739583	0	
7	N8	0	.25	-7.739583	0	
8	N9	0.166667	.25	-7.739583	0	
9	N10	-0.166667	.25	-7.739583	0	
10	N11	0	-.25	-7.739583	0	
11	N12	0.166667	-.25	-7.739583	0	
12	N13	-0.166667	-.25	-7.739583	0	
13	N14	-1.840304	0	1.0625	0	
14	N15	-8.434727	0	4.869792	0	
15	N17	-6.702676	0	3.869792	0	
16	N18	-6.786009	0	3.725454	0	
17	N19	-6.619342	0	4.014129	0	
18	N20	-6.702676	.25	3.869792	0	
19	N21	-6.786009	.25	3.725454	0	
20	N22	-6.619342	.25	4.014129	0	
21	N23	-6.702676	-.25	3.869792	0	
22	N24	-6.786009	-.25	3.725454	0	
23	N25	-6.619342	-.25	4.014129	0	
24	N26	1.840304	0	1.0625	0	
25	N27A	8.434727	0	4.869792	0	
26	N29	6.702676	0	3.869792	0	
27	N30	6.619342	0	4.014129	0	
28	N31	6.786009	0	3.725454	0	
29	N32	6.702676	.25	3.869792	0	
30	N33	6.619342	.25	4.014129	0	
31	N34	6.786009	.25	3.725454	0	
32	N35	6.702676	-.25	3.869792	0	
33	N36	6.619342	-.25	4.014129	0	
34	N37	6.786009	-.25	3.725454	0	
35	N35A	0	0	4.014129	0	
36	N36A	1.333333	0	4.014129	0	
37	N37A	-1.333333	0	4.014129	0	
38	N38	4	0	4.014129	0	
39	N39	-4	0	4.014129	0	
40	N40	1.333333	0	3.847463	0	
41	N41	-1.333333	0	3.847463	0	
42	N42	4	0	3.847463	0	
43	N43	-4	0	3.847463	0	
44	N44	1.333333	0	2.972463	0	
45	N45	-1.333333	0	2.972463	0	
46	N46	4	0	2.972463	0	
47	N47	-4	0	2.972463	0	
48	N49	2.809671	0	-3.161765	0	
49	N50	4.143005	0	-0.852364	0	
50	N51	1.476338	0	-5.471166	0	
51	N52	5.476338	0	1.457037	0	
52	N53	2.665334	0	-3.078432	0	
53	N54	3.998667	0	-0.769031	0	
54	N55	1.332	0	-5.387833	0	
55	N56	5.332	0	1.54037	0	
56	N57	1.907561	0	-2.640932	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
57	N58	3.240895	0	-0.331531	0	
58	N59	0.574228	0	-4.950333	0	
59	N60	4.574228	0	1.97787	0	
60	N62	-4.143005	0	-0.852364	0	
61	N63	-2.809671	0	-3.161765	0	
62	N64	-5.476338	0	1.457037	0	
63	N65	-1.476338	0	-5.471166	0	
64	N66	-3.998667	0	-0.769031	0	
65	N67	-2.665334	0	-3.078432	0	
66	N68	-5.332	0	1.54037	0	
67	N69	-1.332	0	-5.387833	0	
68	N70	-3.240895	0	-0.331531	0	
69	N71	-1.907561	0	-2.640932	0	
70	N72	-4.574228	0	1.97787	0	
71	N73	-0.574228	0	-4.950333	0	
72	N72A	5.90625	0	4.014129	0	
73	N73A	2.052083	0	4.014129	0	
74	N74	-1.71875	0	4.014129	0	
75	N75	-5.90625	0	4.014129	0	
76	N76	5.90625	0	4.264129	0	
77	N77	2.052083	0	4.264129	0	
78	N78	-1.71875	0	4.264129	0	
79	N79	-5.90625	0	4.264129	0	
80	N80	5.90625	5.333333	4.264129	0	
81	N81	2.052083	5.333333	4.264129	0	
82	N82	-1.71875	5.333333	4.264129	0	
83	N83	-5.90625	5.333333	4.264129	0	
84	N84	5.90625	-3.166667	4.264129	0	
85	N85	2.052083	-3.166667	4.264129	0	
86	N86	-1.71875	-3.166667	4.264129	0	
87	N87	-5.90625	-3.166667	4.264129	0	
88	N88	0.523213	0	-7.122027	0	
89	N89	2.450296	0	-3.784221	0	
90	N90	4.335713	0	-0.518583	0	
91	N91	6.429463	0	3.107898	0	
92	N92	0.739719	0	-7.247027	0	
93	N93	2.666803	0	-3.909221	0	
94	N94	4.552219	0	-0.643583	0	
95	N95	6.645969	0	2.982898	0	
96	N96	0.739719	5.333333	-7.247027	0	
97	N97	2.666803	5.333333	-3.909221	0	
98	N98	4.552219	5.333333	-0.643583	0	
99	N99	6.645969	5.333333	2.982898	0	
100	N100	0.739719	-3.166667	-7.247027	0	
101	N101	2.666803	-3.166667	-3.909221	0	
102	N102	4.552219	-3.166667	-0.643583	0	
103	N103	6.645969	-3.166667	2.982898	0	
104	N104	-6.429463	0	3.107898	0	
105	N105	-4.50238	0	-0.229908	0	
106	N106	-2.616963	0	-3.495546	0	
107	N107	-0.523213	0	-7.122027	0	
108	N108	-6.645969	0	2.982898	0	
109	N109	-4.718886	0	-0.354908	0	
110	N110	-2.833469	0	-3.620546	0	
111	N111	-0.739719	0	-7.247027	0	
112	N112	-6.645969	5.333333	2.982898	0	
113	N113	-4.718886	5.333333	-0.354908	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
114	N114	-2.833469	5.333333	-3.620546	0	
115	N115	-0.739719	5.333333	-7.247027	0	
116	N116	-6.645969	-3.166667	2.982898	0	
117	N117	-4.718886	-3.166667	-0.354908	0	
118	N118	-2.833469	-3.166667	-3.620546	0	
119	N119	-0.739719	-3.166667	-7.247027	0	
120	N120	0	0	-3.125	0	
121	N121	.25	0	-3.125	0	
122	N122	.25	-1	-3.125	0	
123	N123	.25	3	-3.125	0	
124	N124	5.90625	3	4.014129	0	
125	N125	2.052083	3	4.014129	0	
126	N126	-1.71875	3	4.014129	0	
127	N127	-5.90625	3	4.014129	0	
128	N128	5.90625	3	4.264129	0	
129	N129	2.052083	3	4.264129	0	
130	N130	-1.71875	3	4.264129	0	
131	N131	-5.90625	3	4.264129	0	
132	N132	-6.5	3	4.014129	0	
133	N133	6.5	3	4.014129	0	
134	N134	0.523213	3	-7.122027	0	
135	N135	2.450296	3	-3.784221	0	
136	N136	4.335713	3	-0.518583	0	
137	N137	6.429463	3	3.107898	0	
138	N138	0.739719	3	-7.247027	0	
139	N139	2.666803	3	-3.909221	0	
140	N140	4.552219	3	-0.643583	0	
141	N141	6.645969	3	2.982898	0	
142	N142	6.726338	3	3.622101	0	
143	N143	0.226338	3	-7.63623	0	
144	N144	-6.429463	3	3.107898	0	
145	N145	-4.50238	3	-0.229908	0	
146	N146	-2.616963	3	-3.495546	0	
147	N147	-0.523213	3	-7.122027	0	
148	N148	-6.645969	3	2.982898	0	
149	N149	-4.718886	3	-0.354908	0	
150	N150	-2.833469	3	-3.620546	0	
151	N151	-0.739719	3	-7.247027	0	
152	N152	-0.226338	3	-7.63623	0	
153	N153	-6.726338	3	3.6221	0	
154	N154	-4.5	3	4.014129	0	
155	N155	4.5	3	4.014129	0	
156	N156	-4.5	3	3.805796	0	
157	N157	4.5	3	3.805796	0	
158	N158	5.726338	3	1.89005	0	
159	N159	1.226338	3	-5.904179	0	
160	N160	5.545916	3	1.994216	0	
161	N161	1.045916	3	-5.800012	0	
162	N162	-1.226338	3	-5.904179	0	
163	N163	-5.726338	3	1.89005	0	
164	N164	-1.045916	3	-5.800012	0	
165	N165	-5.545916	3	1.994216	0	
166	N166	0	-3	-2.125	0	
167	N167	0	0	-6.739583	0	
168	N168	-1.840304	-3	1.0625	0	
169	N169	-5.83665	0	3.369792	0	
170	N170	1.840304	-3	1.0625	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
171	N171	5.83665	0	3.369792	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	HSS4X4X4	Beam	None	A500 Gr.B ...	Typical	3.37	7.8	7.8	12.8
2	Standoff Horizontal	HSS4X4X4	Beam	None	A500 Gr.B ...	Typical	3.37	7.8	7.8	12.8
3	Mount Pipe	PIPE_2.0	Column	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
4	Mod Support Rail	PIPE_2.5	Column	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
5	Grating Support	L2x2x4	Column	None	A36 Gr.36	Typical	.944	.346	.346	.021
6	Mod SR Corning Angle	L3X3X4	Column	None	A36 Gr.36	Typical	1.44	1.23	1.23	.031
7	Mod Kicker	LL3x3x3x6	Column	None	A36 Gr.36	Typical	2.18	4.97	1.9	.027

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(de...	Section/Shape	Type	Design List	Material	Design Rules
1	M4	N3	N27			Standoff Horizontal	Beam	None	A500 Gr....	Typical
2	M2	N7	N5			RIGID	None	None	RIGID	Typical
3	M3	N6	N5			RIGID	None	None	RIGID	Typical
4	M4A	N10	N8			RIGID	None	None	RIGID	Typical
5	M5	N9	N8			RIGID	None	None	RIGID	Typical
6	M6	N13	N11			RIGID	None	None	RIGID	Typical
7	M7	N12	N11			RIGID	None	None	RIGID	Typical
8	M8	N8	N5			RIGID	None	None	RIGID	Typical
9	M9	N11	N5			RIGID	None	None	RIGID	Typical
10	M10	N7	N10			RIGID	None	None	RIGID	Typical
11	M11	N6	N9			RIGID	None	None	RIGID	Typical
12	M12	N7	N13			RIGID	None	None	RIGID	Typical
13	M13	N6	N12			RIGID	None	None	RIGID	Typical
14	M14	N14	N15			Standoff Horizontal	Beam	None	A500 Gr....	Typical
15	M15	N19	N17			RIGID	None	None	RIGID	Typical
16	M16	N18	N17			RIGID	None	None	RIGID	Typical
17	M17	N22	N20			RIGID	None	None	RIGID	Typical
18	M18	N21	N20			RIGID	None	None	RIGID	Typical
19	M19	N25	N23			RIGID	None	None	RIGID	Typical
20	M20	N24	N23			RIGID	None	None	RIGID	Typical
21	M21	N20	N17			RIGID	None	None	RIGID	Typical
22	M22	N23	N17			RIGID	None	None	RIGID	Typical
23	M23	N19	N22			RIGID	None	None	RIGID	Typical
24	M24	N18	N21			RIGID	None	None	RIGID	Typical
25	M25	N19	N25			RIGID	None	None	RIGID	Typical
26	M26	N18	N24			RIGID	None	None	RIGID	Typical
27	M27	N26	N27A			Standoff Horizontal	Beam	None	A500 Gr....	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(de...	Section/Shape	Type	Design List	Material	Design Rules
28	M28	N31	N29			RIGID	None	None	RIGID	Typical
29	M29	N30	N29			RIGID	None	None	RIGID	Typical
30	M30	N34	N32			RIGID	None	None	RIGID	Typical
31	M31	N33	N32			RIGID	None	None	RIGID	Typical
32	M32	N37	N35			RIGID	None	None	RIGID	Typical
33	M33	N36	N35			RIGID	None	None	RIGID	Typical
34	M34	N32	N29			RIGID	None	None	RIGID	Typical
35	M35	N35	N29			RIGID	None	None	RIGID	Typical
36	M36	N31	N34			RIGID	None	None	RIGID	Typical
37	M37	N30	N33			RIGID	None	None	RIGID	Typical
38	M38	N31	N37			RIGID	None	None	RIGID	Typical
39	M39	N30	N36			RIGID	None	None	RIGID	Typical
40	M40	N18	N7			Face Horizontal	Beam	None	A500 Gr....	Typical
41	M41	N6	N31			Face Horizontal	Beam	None	A500 Gr....	Typical
42	M42	N19	N30			Face Horizontal	Beam	None	A500 Gr....	Typical
43	M43	N43	N47		180	Grating Support	Column	None	A36 Gr.36	Typical
44	M44	N41	N45		180	Grating Support	Column	None	A36 Gr.36	Typical
45	M45	N40	N44		90	Grating Support	Column	None	A36 Gr.36	Typical
46	M46	N42	N46		90	Grating Support	Column	None	A36 Gr.36	Typical
47	M47	N43	N39			RIGID	None	None	RIGID	Typical
48	M48	N41	N37A			RIGID	None	None	RIGID	Typical
49	M49	N40	N36A			RIGID	None	None	RIGID	Typical
50	M50	N42	N38			RIGID	None	None	RIGID	Typical
51	M51	N56	N60		180	Grating Support	Column	None	A36 Gr.36	Typical
52	M52	N54	N58		180	Grating Support	Column	None	A36 Gr.36	Typical
53	M53	N53	N57		90	Grating Support	Column	None	A36 Gr.36	Typical
54	M54	N55	N59		90	Grating Support	Column	None	A36 Gr.36	Typical
55	M55	N56	N52			RIGID	None	None	RIGID	Typical
56	M56	N54	N50			RIGID	None	None	RIGID	Typical
57	M57	N53	N49			RIGID	None	None	RIGID	Typical
58	M58	N55	N51			RIGID	None	None	RIGID	Typical
59	M59	N69	N73		180	Grating Support	Column	None	A36 Gr.36	Typical
60	M60	N67	N71		180	Grating Support	Column	None	A36 Gr.36	Typical
61	M61	N66	N70		90	Grating Support	Column	None	A36 Gr.36	Typical
62	M62	N68	N72		90	Grating Support	Column	None	A36 Gr.36	Typical
63	M63	N69	N65			RIGID	None	None	RIGID	Typical
64	M64	N67	N63			RIGID	None	None	RIGID	Typical
65	M65	N66	N62			RIGID	None	None	RIGID	Typical
66	M66	N68	N64			RIGID	None	None	RIGID	Typical
67	M67	N75	N79			RIGID	None	None	RIGID	Typical
68	M68	N74	N78			RIGID	None	None	RIGID	Typical
69	M69	N73A	N77			RIGID	None	None	RIGID	Typical
70	M70	N72A	N76			RIGID	None	None	RIGID	Typical
71	MP4A	N83	N87			Mount Pipe	Column	None	A53 Gr.B	Typical
72	MP3A	N82	N86			Mount Pipe	Column	None	A53 Gr.B	Typical
73	MP2A	N81	N85			Mount Pipe	Column	None	A53 Gr.B	Typical
74	MP1A	N80	N84			Mount Pipe	Column	None	A53 Gr.B	Typical
75	M75	N91	N95			RIGID	None	None	RIGID	Typical
76	M76	N90	N94			RIGID	None	None	RIGID	Typical
77	M77	N89	N93			RIGID	None	None	RIGID	Typical
78	M78	N88	N92			RIGID	None	None	RIGID	Typical
79	MP4C	N99	N103			Mount Pipe	Column	None	A53 Gr.B	Typical
80	MP3C	N98	N102			Mount Pipe	Column	None	A53 Gr.B	Typical
81	MP2C	N97	N101			Mount Pipe	Column	None	A53 Gr.B	Typical
82	MP1C	N96	N100			Mount Pipe	Column	None	A53 Gr.B	Typical
83	M83	N107	N111			RIGID	None	None	RIGID	Typical
84	M84	N106	N110			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(de...	Section/Shape	Type	Design List	Material	Design Rules
85	M85	N105	N109			RIGID	None	None	RIGID	Typical
86	M86	N104	N108			RIGID	None	None	RIGID	Typical
87	MP4B	N115	N119			Mount Pipe	Column	None	A53 Gr.B	Typical
88	MP3B	N114	N118			Mount Pipe	Column	None	A53 Gr.B	Typical
89	MP2B	N113	N117			Mount Pipe	Column	None	A53 Gr.B	Typical
90	MP1B	N112	N116			Mount Pipe	Column	None	A53 Gr.B	Typical
91	M91	N120	N121			RIGID	None	None	RIGID	Typical
92	M92	N123	N122			Mount Pipe	Column	None	A53 Gr.B	Typical
93	M93	N127	N131			RIGID	None	None	RIGID	Typical
94	M94	N126	N130			RIGID	None	None	RIGID	Typical
95	M95	N125	N129			RIGID	None	None	RIGID	Typical
96	M96	N124	N128			RIGID	None	None	RIGID	Typical
97	M97	N132	N133			Mod Support Rail	Column	None	A53 Gr.B	Typical
98	M98	N137	N141			RIGID	None	None	RIGID	Typical
99	M99	N136	N140			RIGID	None	None	RIGID	Typical
100	M100	N135	N139			RIGID	None	None	RIGID	Typical
101	M101	N134	N138			RIGID	None	None	RIGID	Typical
102	M102	N142	N143			Mod Support Rail	Column	None	A53 Gr.B	Typical
103	M103	N147	N151			RIGID	None	None	RIGID	Typical
104	M104	N146	N150			RIGID	None	None	RIGID	Typical
105	M105	N145	N149			RIGID	None	None	RIGID	Typical
106	M106	N144	N148			RIGID	None	None	RIGID	Typical
107	M107	N152	N153			Mod Support Rail	Column	None	A53 Gr.B	Typical
108	M108	N156	N154			RIGID	None	None	RIGID	Typical
109	M109	N157	N155			RIGID	None	None	RIGID	Typical
110	M110	N160	N158			RIGID	None	None	RIGID	Typical
111	M111	N161	N159			RIGID	None	None	RIGID	Typical
112	M112	N164	N162			RIGID	None	None	RIGID	Typical
113	M113	N165	N163			RIGID	None	None	RIGID	Typical
114	M114	N156	N165		90	Mod SR Corning Angle	Column	None	A36 Gr.36	Typical
115	M115	N160	N157		90	Mod SR Corning Angle	Column	None	A36 Gr.36	Typical
116	M116	N164	N161		90	Mod SR Corning Angle	Column	None	A36 Gr.36	Typical
117	M117	N166	N167			Mod Kicker	Column	None	A36 Gr.36	Typical
118	M118	N168	N169			Mod Kicker	Column	None	A36 Gr.36	Typical
119	M119	N170	N171			Mod Kicker	Column	None	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M4						Yes				None
2	M2		BenPIN				Yes	** NA **			None
3	M3		BenPIN				Yes	** NA **			None
4	M4A						Yes	** NA **			None
5	M5						Yes	** NA **			None
6	M6						Yes	** NA **			None
7	M7						Yes	** NA **			None
8	M8		BenPIN				Yes	** NA **			None
9	M9		BenPIN				Yes	** NA **			None
10	M10						Yes	** NA **			None
11	M11						Yes	** NA **			None
12	M12						Yes	** NA **			None
13	M13						Yes	** NA **			None
14	M14						Yes				None
15	M15		BenPIN				Yes	** NA **			None
16	M16		BenPIN				Yes	** NA **			None
17	M17						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...
18	M18						Yes	** NA **			None
19	M19						Yes	** NA **			None
20	M20						Yes	** NA **			None
21	M21		BenPIN				Yes	** NA **			None
22	M22		BenPIN				Yes	** NA **			None
23	M23						Yes	** NA **			None
24	M24						Yes	** NA **			None
25	M25						Yes	** NA **			None
26	M26						Yes	** NA **			None
27	M27						Yes				None
28	M28		BenPIN				Yes	** NA **			None
29	M29		BenPIN				Yes	** NA **			None
30	M30						Yes	** NA **			None
31	M31						Yes	** NA **			None
32	M32						Yes	** NA **			None
33	M33						Yes	** NA **			None
34	M34		BenPIN				Yes	** NA **			None
35	M35		BenPIN				Yes	** NA **			None
36	M36						Yes	** NA **			None
37	M37						Yes	** NA **			None
38	M38						Yes	** NA **			None
39	M39						Yes	** NA **			None
40	M40						Yes				None
41	M41						Yes				None
42	M42						Yes				None
43	M43						Yes	** NA **			None
44	M44						Yes	** NA **			None
45	M45						Yes	** NA **			None
46	M46						Yes	** NA **			None
47	M47						Yes	** NA **			None
48	M48						Yes	** NA **			None
49	M49						Yes	** NA **			None
50	M50						Yes	** NA **			None
51	M51						Yes	** NA **			None
52	M52						Yes	** NA **			None
53	M53						Yes	** NA **			None
54	M54						Yes	** NA **			None
55	M55						Yes	** NA **			None
56	M56						Yes	** NA **			None
57	M57						Yes	** NA **			None
58	M58						Yes	** NA **			None
59	M59						Yes	** NA **			None
60	M60						Yes	** NA **			None
61	M61						Yes	** NA **			None
62	M62						Yes	** NA **			None
63	M63						Yes	** NA **			None
64	M64						Yes	** NA **			None
65	M65						Yes	** NA **			None
66	M66						Yes	** NA **			None
67	M67						Yes	** NA **			None
68	M68						Yes	** NA **			None
69	M69						Yes	** NA **			None
70	M70						Yes	** NA **			None
71	MP4A						Yes	** NA **			None
72	MP3A						Yes	** NA **			None
73	MP2A						Yes	** NA **			None
74	MP1A						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...
75	M75						Yes	** NA **			None
76	M76						Yes	** NA **			None
77	M77						Yes	** NA **			None
78	M78						Yes	** NA **			None
79	MP4C						Yes	** NA **			None
80	MP3C						Yes	** NA **			None
81	MP2C						Yes	** NA **			None
82	MP1C						Yes	** NA **			None
83	M83						Yes	** NA **			None
84	M84						Yes	** NA **			None
85	M85						Yes	** NA **			None
86	M86						Yes	** NA **			None
87	MP4B						Yes	** NA **			None
88	MP3B						Yes	** NA **			None
89	MP2B						Yes	** NA **			None
90	MP1B						Yes	** NA **			None
91	M91						Yes	** NA **			None
92	M92						Yes	** NA **			None
93	M93						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	M95						Yes	** NA **			None
96	M96						Yes	** NA **			None
97	M97						Yes	** NA **			None
98	M98						Yes	** NA **			None
99	M99						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	M101						Yes	** NA **			None
102	M102						Yes	** NA **			None
103	M103						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	M107						Yes	** NA **			None
108	M108		OOOOOO				Yes	** NA **			None
109	M109		OOOOOO				Yes	** NA **			None
110	M110		OOOOOO				Yes	** NA **			None
111	M111		OOOOOO				Yes	** NA **			None
112	M112		OOOOOO				Yes	** NA **			None
113	M113		OOOOOO				Yes	** NA **			None
114	M114						Yes	** NA **			None
115	M115						Yes	** NA **			None
116	M116						Yes	** NA **			None
117	M117	BenPIN	BenPIN				Yes	** NA **			None
118	M118	BenPIN	BenPIN				Yes	** NA **			None
119	M119	BenPIN	BenPIN				Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-40.1	.5
2	MP2A	My	-.02	.5
3	MP2A	Mz	-.023	.5
4	MP2A	Y	-40.1	6.5
5	MP2A	My	-.02	6.5
6	MP2A	Mz	-.023	6.5
7	MP2B	Y	-40.1	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP2B	My	.03	.5
9	MP2B	Mz	-.006	.5
10	MP2B	Y	-40.1	6.5
11	MP2B	My	.03	6.5
12	MP2B	Mz	-.006	6.5
13	MP2C	Y	-40.1	.5
14	MP2C	My	.011	.5
15	MP2C	Mz	.029	.5
16	MP2C	Y	-40.1	6.5
17	MP2C	My	.011	6.5
18	MP2C	Mz	.029	6.5
19	MP2A	Y	-40.1	.5
20	MP2A	My	-.02	.5
21	MP2A	Mz	.023	.5
22	MP2A	Y	-40.1	6.5
23	MP2A	My	-.02	6.5
24	MP2A	Mz	.023	6.5
25	MP2B	Y	-40.1	.5
26	MP2B	My	-.01	.5
27	MP2B	Mz	-.029	.5
28	MP2B	Y	-40.1	6.5
29	MP2B	My	-.01	6.5
30	MP2B	Mz	-.029	6.5
31	MP2C	Y	-40.1	.5
32	MP2C	My	.027	.5
33	MP2C	Mz	-.015	.5
34	MP2C	Y	-40.1	6.5
35	MP2C	My	.027	6.5
36	MP2C	Mz	-.015	6.5
37	MP3A	Y	-43.55	.1
38	MP3A	My	-.022	.1
39	MP3A	Mz	0	.1
40	MP3A	Y	-43.55	2.1
41	MP3A	My	-.022	2.1
42	MP3A	Mz	0	2.1
43	MP3B	Y	-43.55	.1
44	MP3B	My	.011	.1
45	MP3B	Mz	-.019	.1
46	MP3B	Y	-43.55	2.1
47	MP3B	My	.011	2.1
48	MP3B	Mz	-.019	2.1
49	MP3C	Y	-43.55	.1
50	MP3C	My	.02	.1
51	MP3C	Mz	.007	.1
52	MP3C	Y	-43.55	2.1
53	MP3C	My	.02	2.1
54	MP3C	Mz	.007	2.1
55	MP3A	Y	-2.2	4
56	MP3A	My	-.001	4
57	MP3A	Mz	0	4
58	MP3A	Y	-2.2	4.5
59	MP3A	My	-.001	4.5
60	MP3A	Mz	0	4.5
61	MP3B	Y	-2.2	4
62	MP3B	My	.00055	4
63	MP3B	Mz	-.000953	4
64	MP3B	Y	-2.2	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP3B	My	.00055	4.5
66	MP3B	Mz	-.000953	4.5
67	MP3C	Y	-2.2	4
68	MP3C	My	.001	4
69	MP3C	Mz	.000376	4
70	MP3C	Y	-2.2	4.5
71	MP3C	My	.001	4.5
72	MP3C	Mz	.000376	4.5
73	MP2A	Y	-84.4	1.5
74	MP2A	My	.042	1.5
75	MP2A	Mz	0	1.5
76	MP2B	Y	-84.4	1.5
77	MP2B	My	-.021	1.5
78	MP2B	Mz	.037	1.5
79	MP2C	Y	-84.4	1.5
80	MP2C	My	-.04	1.5
81	MP2C	Mz	-.014	1.5
82	MP2A	Y	-70.3	4.5
83	MP2A	My	.035	4.5
84	MP2A	Mz	0	4.5
85	MP2B	Y	-70.3	4.5
86	MP2B	My	-.018	4.5
87	MP2B	Mz	.03	4.5
88	MP2C	Y	-70.3	4.5
89	MP2C	My	-.033	4.5
90	MP2C	Mz	-.012	4.5
91	MP2A	Y	-20.72	3
92	MP2A	My	.01	3
93	MP2A	Mz	0	3
94	MP2B	Y	-20.72	3
95	MP2B	My	-.005	3
96	MP2B	Mz	.009	3
97	MP2C	Y	-20.72	3
98	MP2C	My	-.01	3
99	MP2C	Mz	-.004	3
100	M92	Y	-32	1
101	M92	My	0	1
102	M92	Mz	0	1
103	MP1A	Y	-12	1
104	MP1A	My	-.006	1
105	MP1A	Mz	.002	1
106	MP1A	Y	-12	7
107	MP1A	My	-.006	7
108	MP1A	Mz	.002	7
109	MP1B	Y	-12	1
110	MP1B	My	.001	1
111	MP1B	Mz	-.006	1
112	MP1B	Y	-12	7
113	MP1B	My	.001	7
114	MP1B	Mz	-.006	7
115	MP1C	Y	-12	1
116	MP1C	My	.005	1
117	MP1C	Mz	.004	1
118	MP1C	Y	-12	7
119	MP1C	My	.005	7
120	MP1C	Mz	.004	7
121	MP4A	Y	-12	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
122	MP4A	My	-.006	1
123	MP4A	Mz	.002	1
124	MP4A	Y	-12	7
125	MP4A	My	-.006	7
126	MP4A	Mz	.002	7
127	MP4B	Y	-12	1
128	MP4B	My	.001	1
129	MP4B	Mz	-.006	1
130	MP4B	Y	-12	7
131	MP4B	My	.001	7
132	MP4B	Mz	-.006	7
133	MP4C	Y	-12	1
134	MP4C	My	.005	1
135	MP4C	Mz	.004	1
136	MP4C	Y	-12	7
137	MP4C	My	.005	7
138	MP4C	Mz	.004	7

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-87.901	.5
2	MP2A	My	-.044	.5
3	MP2A	Mz	-.051	.5
4	MP2A	Y	-87.901	6.5
5	MP2A	My	-.044	6.5
6	MP2A	Mz	-.051	6.5
7	MP2B	Y	-87.901	.5
8	MP2B	My	.066	.5
9	MP2B	Mz	-.012	.5
10	MP2B	Y	-87.901	6.5
11	MP2B	My	.066	6.5
12	MP2B	Mz	-.012	6.5
13	MP2C	Y	-87.901	.5
14	MP2C	My	.024	.5
15	MP2C	Mz	.063	.5
16	MP2C	Y	-87.901	6.5
17	MP2C	My	.024	6.5
18	MP2C	Mz	.063	6.5
19	MP2A	Y	-87.901	.5
20	MP2A	My	-.044	.5
21	MP2A	Mz	.051	.5
22	MP2A	Y	-87.901	6.5
23	MP2A	My	-.044	6.5
24	MP2A	Mz	.051	6.5
25	MP2B	Y	-87.901	.5
26	MP2B	My	-.022	.5
27	MP2B	Mz	-.064	.5
28	MP2B	Y	-87.901	6.5
29	MP2B	My	-.022	6.5
30	MP2B	Mz	-.064	6.5
31	MP2C	Y	-87.901	.5
32	MP2C	My	.059	.5
33	MP2C	Mz	-.033	.5
34	MP2C	Y	-87.901	6.5
35	MP2C	My	.059	6.5
36	MP2C	Mz	-.033	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3A	Y	-34.354	.1
38	MP3A	My	-.017	.1
39	MP3A	Mz	0	.1
40	MP3A	Y	-34.354	2.1
41	MP3A	My	-.017	2.1
42	MP3A	Mz	0	2.1
43	MP3B	Y	-34.354	.1
44	MP3B	My	.009	.1
45	MP3B	Mz	-.015	.1
46	MP3B	Y	-34.354	2.1
47	MP3B	My	.009	2.1
48	MP3B	Mz	-.015	2.1
49	MP3C	Y	-34.354	.1
50	MP3C	My	.016	.1
51	MP3C	Mz	.006	.1
52	MP3C	Y	-34.354	2.1
53	MP3C	My	.016	2.1
54	MP3C	Mz	.006	2.1
55	MP3A	Y	-6.457	4
56	MP3A	My	-.003	4
57	MP3A	Mz	0	4
58	MP3A	Y	-6.457	4.5
59	MP3A	My	-.003	4.5
60	MP3A	Mz	0	4.5
61	MP3B	Y	-6.457	4
62	MP3B	My	.002	4
63	MP3B	Mz	-.003	4
64	MP3B	Y	-6.457	4.5
65	MP3B	My	.002	4.5
66	MP3B	Mz	-.003	4.5
67	MP3C	Y	-6.457	4
68	MP3C	My	.003	4
69	MP3C	Mz	.001	4
70	MP3C	Y	-6.457	4.5
71	MP3C	My	.003	4.5
72	MP3C	Mz	.001	4.5
73	MP2A	Y	-43.29	1.5
74	MP2A	My	.022	1.5
75	MP2A	Mz	0	1.5
76	MP2B	Y	-43.29	1.5
77	MP2B	My	-.011	1.5
78	MP2B	Mz	.019	1.5
79	MP2C	Y	-43.29	1.5
80	MP2C	My	-.02	1.5
81	MP2C	Mz	-.007	1.5
82	MP2A	Y	-38.921	4.5
83	MP2A	My	.019	4.5
84	MP2A	Mz	0	4.5
85	MP2B	Y	-38.921	4.5
86	MP2B	My	-.01	4.5
87	MP2B	Mz	.017	4.5
88	MP2C	Y	-38.921	4.5
89	MP2C	My	-.018	4.5
90	MP2C	Mz	-.007	4.5
91	MP2A	Y	-15.598	3
92	MP2A	My	.008	3
93	MP2A	Mz	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP2B	Y	-15.598	3
95	MP2B	My	-.004	3
96	MP2B	Mz	.007	3
97	MP2C	Y	-15.598	3
98	MP2C	My	-.007	3
99	MP2C	Mz	-.003	3
100	M92	Y	-84.855	1
101	M92	My	0	1
102	M92	Mz	0	1
103	MP1A	Y	-65.426	1
104	MP1A	My	-.031	1
105	MP1A	Mz	.011	1
106	MP1A	Y	-65.426	7
107	MP1A	My	-.031	7
108	MP1A	Mz	.011	7
109	MP1B	Y	-65.426	1
110	MP1B	My	.006	1
111	MP1B	Mz	-.032	1
112	MP1B	Y	-65.426	7
113	MP1B	My	.006	7
114	MP1B	Mz	-.032	7
115	MP1C	Y	-65.426	1
116	MP1C	My	.025	1
117	MP1C	Mz	.021	1
118	MP1C	Y	-65.426	7
119	MP1C	My	.025	7
120	MP1C	Mz	.021	7
121	MP4A	Y	-65.426	1
122	MP4A	My	-.031	1
123	MP4A	Mz	.011	1
124	MP4A	Y	-65.426	7
125	MP4A	My	-.031	7
126	MP4A	Mz	.011	7
127	MP4B	Y	-65.426	1
128	MP4B	My	.006	1
129	MP4B	Mz	-.032	1
130	MP4B	Y	-65.426	7
131	MP4B	My	.006	7
132	MP4B	Mz	-.032	7
133	MP4C	Y	-65.426	1
134	MP4C	My	.025	1
135	MP4C	Mz	.021	1
136	MP4C	Y	-65.426	7
137	MP4C	My	.025	7
138	MP4C	Mz	.021	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-235.36	.5
3	MP2A	Mx	.137	.5
4	MP2A	X	0	6.5
5	MP2A	Z	-235.36	6.5
6	MP2A	Mx	.137	6.5
7	MP2B	X	0	.5
8	MP2B	Z	-175.664	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	.025	.5
10	MP2B	X	0	6.5
11	MP2B	Z	-175.664	6.5
12	MP2B	Mx	.025	6.5
13	MP2C	X	0	.5
14	MP2C	Z	-226.049	.5
15	MP2C	Mx	-.163	.5
16	MP2C	X	0	6.5
17	MP2C	Z	-226.049	6.5
18	MP2C	Mx	-.163	6.5
19	MP2A	X	0	.5
20	MP2A	Z	-235.36	.5
21	MP2A	Mx	-.137	.5
22	MP2A	X	0	6.5
23	MP2A	Z	-235.36	6.5
24	MP2A	Mx	-.137	6.5
25	MP2B	X	0	.5
26	MP2B	Z	-175.664	.5
27	MP2B	Mx	.127	.5
28	MP2B	X	0	6.5
29	MP2B	Z	-175.664	6.5
30	MP2B	Mx	.127	6.5
31	MP2C	X	0	.5
32	MP2C	Z	-226.049	.5
33	MP2C	Mx	.085	.5
34	MP2C	X	0	6.5
35	MP2C	Z	-226.049	6.5
36	MP2C	Mx	.085	6.5
37	MP3A	X	0	.1
38	MP3A	Z	-86.354	.1
39	MP3A	Mx	0	.1
40	MP3A	X	0	2.1
41	MP3A	Z	-86.354	2.1
42	MP3A	Mx	0	2.1
43	MP3B	X	0	.1
44	MP3B	Z	-46.944	.1
45	MP3B	Mx	.02	.1
46	MP3B	X	0	2.1
47	MP3B	Z	-46.944	2.1
48	MP3B	Mx	.02	2.1
49	MP3C	X	0	.1
50	MP3C	Z	-80.207	.1
51	MP3C	Mx	-.014	.1
52	MP3C	X	0	2.1
53	MP3C	Z	-80.207	2.1
54	MP3C	Mx	-.014	2.1
55	MP3A	X	0	4
56	MP3A	Z	-16.352	4
57	MP3A	Mx	0	4
58	MP3A	X	0	4.5
59	MP3A	Z	-16.352	4.5
60	MP3A	Mx	0	4.5
61	MP3B	X	0	4
62	MP3B	Z	-6.493	4
63	MP3B	Mx	.003	4
64	MP3B	X	0	4.5
65	MP3B	Z	-6.493	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3B	Mx	.003	4.5
67	MP3C	X	0	4
68	MP3C	Z	-14.814	4
69	MP3C	Mx	-.003	4
70	MP3C	X	0	4.5
71	MP3C	Z	-14.814	4.5
72	MP3C	Mx	-.003	4.5
73	MP2A	X	0	1.5
74	MP2A	Z	-68.715	1.5
75	MP2A	Mx	0	1.5
76	MP2B	X	0	1.5
77	MP2B	Z	-51.628	1.5
78	MP2B	Mx	-.022	1.5
79	MP2C	X	0	1.5
80	MP2C	Z	-66.05	1.5
81	MP2C	Mx	.011	1.5
82	MP2A	X	0	4.5
83	MP2A	Z	-68.715	4.5
84	MP2A	Mx	0	4.5
85	MP2B	X	0	4.5
86	MP2B	Z	-45.083	4.5
87	MP2B	Mx	-.02	4.5
88	MP2C	X	0	4.5
89	MP2C	Z	-65.03	4.5
90	MP2C	Mx	.011	4.5
91	MP2A	X	0	3
92	MP2A	Z	-13.596	3
93	MP2A	Mx	0	3
94	MP2B	X	0	3
95	MP2B	Z	-17.583	3
96	MP2B	Mx	-.008	3
97	MP2C	X	0	3
98	MP2C	Z	-14.218	3
99	MP2C	Mx	.002	3
100	M92	X	0	1
101	M92	Z	-117.959	1
102	M92	Mx	0	1
103	MP1A	X	0	1
104	MP1A	Z	-124.265	1
105	MP1A	Mx	-.021	1
106	MP1A	X	0	7
107	MP1A	Z	-124.265	7
108	MP1A	Mx	-.021	7
109	MP1B	X	0	1
110	MP1B	Z	-189.021	1
111	MP1B	Mx	.093	1
112	MP1B	X	0	7
113	MP1B	Z	-189.021	7
114	MP1B	Mx	.093	7
115	MP1C	X	0	1
116	MP1C	Z	-146.754	1
117	MP1C	Mx	-.047	1
118	MP1C	X	0	7
119	MP1C	Z	-146.754	7
120	MP1C	Mx	-.047	7
121	MP4A	X	0	1
122	MP4A	Z	-124.265	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
123	MP4A	Mx	-.021	1
124	MP4A	X	0	7
125	MP4A	Z	-124.265	7
126	MP4A	Mx	-.021	7
127	MP4B	X	0	1
128	MP4B	Z	-189.021	1
129	MP4B	Mx	.093	1
130	MP4B	X	0	7
131	MP4B	Z	-189.021	7
132	MP4B	Mx	.093	7
133	MP4C	X	0	1
134	MP4C	Z	-146.754	1
135	MP4C	Mx	-.047	1
136	MP4C	X	0	7
137	MP4C	Z	-146.754	7
138	MP4C	Mx	-.047	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	107.731	.5
2	MP2A	Z	-186.595	.5
3	MP2A	Mx	.055	.5
4	MP2A	X	107.731	6.5
5	MP2A	Z	-186.595	6.5
6	MP2A	Mx	.055	6.5
7	MP2B	X	77.882	.5
8	MP2B	Z	-134.896	.5
9	MP2B	Mx	.078	.5
10	MP2B	X	77.882	6.5
11	MP2B	Z	-134.896	6.5
12	MP2B	Mx	.078	6.5
13	MP2C	X	116.48	.5
14	MP2C	Z	-201.749	.5
15	MP2C	Mx	-.114	.5
16	MP2C	X	116.48	6.5
17	MP2C	Z	-201.749	6.5
18	MP2C	Mx	-.114	6.5
19	MP2A	X	107.731	.5
20	MP2A	Z	-186.595	.5
21	MP2A	Mx	-.163	.5
22	MP2A	X	107.731	6.5
23	MP2A	Z	-186.595	6.5
24	MP2A	Mx	-.163	6.5
25	MP2B	X	77.882	.5
26	MP2B	Z	-134.896	.5
27	MP2B	Mx	.078	.5
28	MP2B	X	77.882	6.5
29	MP2B	Z	-134.896	6.5
30	MP2B	Mx	.078	6.5
31	MP2C	X	116.48	.5
32	MP2C	Z	-201.749	.5
33	MP2C	Mx	.154	.5
34	MP2C	X	116.48	6.5
35	MP2C	Z	-201.749	6.5
36	MP2C	Mx	.154	6.5
37	MP3A	X	36.609	.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3A	Z	-63.408	.1
39	MP3A	Mx	-.018	.1
40	MP3A	X	36.609	2.1
41	MP3A	Z	-63.408	2.1
42	MP3A	Mx	-.018	2.1
43	MP3B	X	16.904	.1
44	MP3B	Z	-29.278	.1
45	MP3B	Mx	.017	.1
46	MP3B	X	16.904	2.1
47	MP3B	Z	-29.278	2.1
48	MP3B	Mx	.017	2.1
49	MP3C	X	42.385	.1
50	MP3C	Z	-73.412	.1
51	MP3C	Mx	.007	.1
52	MP3C	X	42.385	2.1
53	MP3C	Z	-73.412	2.1
54	MP3C	Mx	.007	2.1
55	MP3A	X	6.533	4
56	MP3A	Z	-11.315	4
57	MP3A	Mx	-.003	4
58	MP3A	X	6.533	4.5
59	MP3A	Z	-11.315	4.5
60	MP3A	Mx	-.003	4.5
61	MP3B	X	1.603	4
62	MP3B	Z	-2.777	4
63	MP3B	Mx	.002	4
64	MP3B	X	1.603	4.5
65	MP3B	Z	-2.777	4.5
66	MP3B	Mx	.002	4.5
67	MP3C	X	7.978	4
68	MP3C	Z	-13.818	4
69	MP3C	Mx	.001	4
70	MP3C	X	7.978	4.5
71	MP3C	Z	-13.818	4.5
72	MP3C	Mx	.001	4.5
73	MP2A	X	31.51	1.5
74	MP2A	Z	-54.577	1.5
75	MP2A	Mx	.016	1.5
76	MP2B	X	22.966	1.5
77	MP2B	Z	-39.779	1.5
78	MP2B	Mx	-.023	1.5
79	MP2C	X	34.014	1.5
80	MP2C	Z	-58.914	1.5
81	MP2C	Mx	-.006	1.5
82	MP2A	X	30.419	4.5
83	MP2A	Z	-52.687	4.5
84	MP2A	Mx	.015	4.5
85	MP2B	X	18.603	4.5
86	MP2B	Z	-32.221	4.5
87	MP2B	Mx	-.019	4.5
88	MP2C	X	33.883	4.5
89	MP2C	Z	-58.687	4.5
90	MP2C	Mx	-.006	4.5
91	MP2A	X	7.463	3
92	MP2A	Z	-12.926	3
93	MP2A	Mx	.004	3
94	MP2B	X	9.456	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP2B	Z	-16.378	3
96	MP2B	Mx	-.009	3
97	MP2C	X	6.878	3
98	MP2C	Z	-11.913	3
99	MP2C	Mx	-.001	3
100	M92	X	67.288	1
101	M92	Z	-116.547	1
102	M92	Mx	0	1
103	MP1A	X	79.97	1
104	MP1A	Z	-138.511	1
105	MP1A	Mx	-.061	1
106	MP1A	X	79.97	7
107	MP1A	Z	-138.511	7
108	MP1A	Mx	-.061	7
109	MP1B	X	91.214	1
110	MP1B	Z	-157.988	1
111	MP1B	Mx	.086	1
112	MP1B	X	91.214	7
113	MP1B	Z	-157.988	7
114	MP1B	Mx	.086	7
115	MP1C	X	58.836	1
116	MP1C	Z	-101.908	1
117	MP1C	Mx	-.01	1
118	MP1C	X	58.836	7
119	MP1C	Z	-101.908	7
120	MP1C	Mx	-.01	7
121	MP4A	X	79.97	1
122	MP4A	Z	-138.511	1
123	MP4A	Mx	-.061	1
124	MP4A	X	79.97	7
125	MP4A	Z	-138.511	7
126	MP4A	Mx	-.061	7
127	MP4B	X	91.214	1
128	MP4B	Z	-157.988	1
129	MP4B	Mx	.086	1
130	MP4B	X	91.214	7
131	MP4B	Z	-157.988	7
132	MP4B	Mx	.086	7
133	MP4C	X	58.836	1
134	MP4C	Z	-101.908	1
135	MP4C	Mx	-.01	1
136	MP4C	X	58.836	7
137	MP4C	Z	-101.908	7
138	MP4C	Mx	-.01	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	152.129	.5
2	MP2A	Z	-87.832	.5
3	MP2A	Mx	-.025	.5
4	MP2A	X	152.129	6.5
5	MP2A	Z	-87.832	6.5
6	MP2A	Mx	-.025	6.5
7	MP2B	X	152.129	.5
8	MP2B	Z	-87.832	.5
9	MP2B	Mx	.127	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP2B	X	152.129	6.5
11	MP2B	Z	-87.832	6.5
12	MP2B	Mx	.127	6.5
13	MP2C	X	175.347	.5
14	MP2C	Z	-101.237	.5
15	MP2C	Mx	-.025	.5
16	MP2C	X	175.347	6.5
17	MP2C	Z	-101.237	6.5
18	MP2C	Mx	-.025	6.5
19	MP2A	X	152.129	.5
20	MP2A	Z	-87.832	.5
21	MP2A	Mx	-.127	.5
22	MP2A	X	152.129	6.5
23	MP2A	Z	-87.832	6.5
24	MP2A	Mx	-.127	6.5
25	MP2B	X	152.129	.5
26	MP2B	Z	-87.832	.5
27	MP2B	Mx	.025	.5
28	MP2B	X	152.129	6.5
29	MP2B	Z	-87.832	6.5
30	MP2B	Mx	.025	6.5
31	MP2C	X	175.347	.5
32	MP2C	Z	-101.237	.5
33	MP2C	Mx	.156	.5
34	MP2C	X	175.347	6.5
35	MP2C	Z	-101.237	6.5
36	MP2C	Mx	.156	6.5
37	MP3A	X	40.655	.1
38	MP3A	Z	-23.472	.1
39	MP3A	Mx	-.02	.1
40	MP3A	X	40.655	2.1
41	MP3A	Z	-23.472	2.1
42	MP3A	Mx	-.02	2.1
43	MP3B	X	40.655	.1
44	MP3B	Z	-23.472	.1
45	MP3B	Mx	.02	.1
46	MP3B	X	40.655	2.1
47	MP3B	Z	-23.472	2.1
48	MP3B	Mx	.02	2.1
49	MP3C	X	55.982	.1
50	MP3C	Z	-32.321	.1
51	MP3C	Mx	.021	.1
52	MP3C	X	55.982	2.1
53	MP3C	Z	-32.321	2.1
54	MP3C	Mx	.021	2.1
55	MP3A	X	5.623	4
56	MP3A	Z	-3.247	4
57	MP3A	Mx	-.003	4
58	MP3A	X	5.623	4.5
59	MP3A	Z	-3.247	4.5
60	MP3A	Mx	-.003	4.5
61	MP3B	X	5.623	4
62	MP3B	Z	-3.247	4
63	MP3B	Mx	.003	4
64	MP3B	X	5.623	4.5
65	MP3B	Z	-3.247	4.5
66	MP3B	Mx	.003	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP3C	X	9.458	4
68	MP3C	Z	-5.46	4
69	MP3C	Mx	.004	4
70	MP3C	X	9.458	4.5
71	MP3C	Z	-5.46	4.5
72	MP3C	Mx	.004	4.5
73	MP2A	X	44.712	1.5
74	MP2A	Z	-25.814	1.5
75	MP2A	Mx	.022	1.5
76	MP2B	X	44.712	1.5
77	MP2B	Z	-25.814	1.5
78	MP2B	Mx	-.022	1.5
79	MP2C	X	51.357	1.5
80	MP2C	Z	-29.651	1.5
81	MP2C	Mx	-.019	1.5
82	MP2A	X	39.043	4.5
83	MP2A	Z	-22.542	4.5
84	MP2A	Mx	.02	4.5
85	MP2B	X	39.043	4.5
86	MP2B	Z	-22.542	4.5
87	MP2B	Mx	-.02	4.5
88	MP2C	X	48.234	4.5
89	MP2C	Z	-27.848	4.5
90	MP2C	Mx	-.018	4.5
91	MP2A	X	15.227	3
92	MP2A	Z	-8.792	3
93	MP2A	Mx	.008	3
94	MP2B	X	15.227	3
95	MP2B	Z	-8.792	3
96	MP2B	Mx	-.008	3
97	MP2C	X	13.677	3
98	MP2C	Z	-7.896	3
99	MP2C	Mx	-.005	3
100	M92	X	128.279	1
101	M92	Z	-74.062	1
102	M92	Mx	0	1
103	MP1A	X	163.697	1
104	MP1A	Z	-94.51	1
105	MP1A	Mx	-.093	1
106	MP1A	X	163.697	7
107	MP1A	Z	-94.51	7
108	MP1A	Mx	-.093	7
109	MP1B	X	127.093	1
110	MP1B	Z	-73.377	1
111	MP1B	Mx	.047	1
112	MP1B	X	127.093	7
113	MP1B	Z	-73.377	7
114	MP1B	Mx	.047	7
115	MP1C	X	107.617	1
116	MP1C	Z	-62.133	1
117	MP1C	Mx	.021	1
118	MP1C	X	107.617	7
119	MP1C	Z	-62.133	7
120	MP1C	Mx	.021	7
121	MP4A	X	163.697	1
122	MP4A	Z	-94.51	1
123	MP4A	Mx	-.093	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
124	MP4A	X	163.697	7
125	MP4A	Z	-94.51	7
126	MP4A	Mx	-.093	7
127	MP4B	X	127.093	1
128	MP4B	Z	-73.377	1
129	MP4B	Mx	.047	1
130	MP4B	X	127.093	7
131	MP4B	Z	-73.377	7
132	MP4B	Mx	.047	7
133	MP4C	X	107.617	1
134	MP4C	Z	-62.133	1
135	MP4C	Mx	.021	1
136	MP4C	X	107.617	7
137	MP4C	Z	-62.133	7
138	MP4C	Mx	.021	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	155.765	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.078	.5
4	MP2A	X	155.765	6.5
5	MP2A	Z	0	6.5
6	MP2A	Mx	-.078	6.5
7	MP2B	X	215.461	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.163	.5
10	MP2B	X	215.461	6.5
11	MP2B	Z	0	6.5
12	MP2B	Mx	.163	6.5
13	MP2C	X	165.076	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.045	.5
16	MP2C	X	165.076	6.5
17	MP2C	Z	0	6.5
18	MP2C	Mx	.045	6.5
19	MP2A	X	155.765	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.078	.5
22	MP2A	X	155.765	6.5
23	MP2A	Z	0	6.5
24	MP2A	Mx	-.078	6.5
25	MP2B	X	215.461	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.055	.5
28	MP2B	X	215.461	6.5
29	MP2B	Z	0	6.5
30	MP2B	Mx	-.055	6.5
31	MP2C	X	165.076	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.11	.5
34	MP2C	X	165.076	6.5
35	MP2C	Z	0	6.5
36	MP2C	Mx	.11	6.5
37	MP3A	X	33.807	.1
38	MP3A	Z	0	.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP3A	Mx	-.017	.1
40	MP3A	X	33.807	2.1
41	MP3A	Z	0	2.1
42	MP3A	Mx	-.017	2.1
43	MP3B	X	73.217	.1
44	MP3B	Z	0	.1
45	MP3B	Mx	.018	.1
46	MP3B	X	73.217	2.1
47	MP3B	Z	0	2.1
48	MP3B	Mx	.018	2.1
49	MP3C	X	39.954	.1
50	MP3C	Z	0	.1
51	MP3C	Mx	.019	.1
52	MP3C	X	39.954	2.1
53	MP3C	Z	0	2.1
54	MP3C	Mx	.019	2.1
55	MP3A	X	3.207	4
56	MP3A	Z	0	4
57	MP3A	Mx	-.002	4
58	MP3A	X	3.207	4.5
59	MP3A	Z	0	4.5
60	MP3A	Mx	-.002	4.5
61	MP3B	X	13.066	4
62	MP3B	Z	0	4
63	MP3B	Mx	.003	4
64	MP3B	X	13.066	4.5
65	MP3B	Z	0	4.5
66	MP3B	Mx	.003	4.5
67	MP3C	X	4.744	4
68	MP3C	Z	0	4
69	MP3C	Mx	.002	4
70	MP3C	X	4.744	4.5
71	MP3C	Z	0	4.5
72	MP3C	Mx	.002	4.5
73	MP2A	X	45.933	1.5
74	MP2A	Z	0	1.5
75	MP2A	Mx	.023	1.5
76	MP2B	X	63.02	1.5
77	MP2B	Z	0	1.5
78	MP2B	Mx	-.016	1.5
79	MP2C	X	48.598	1.5
80	MP2C	Z	0	1.5
81	MP2C	Mx	-.023	1.5
82	MP2A	X	37.206	4.5
83	MP2A	Z	0	4.5
84	MP2A	Mx	.019	4.5
85	MP2B	X	60.838	4.5
86	MP2B	Z	0	4.5
87	MP2B	Mx	-.015	4.5
88	MP2C	X	40.892	4.5
89	MP2C	Z	0	4.5
90	MP2C	Mx	-.019	4.5
91	MP2A	X	18.912	3
92	MP2A	Z	0	3
93	MP2A	Mx	.009	3
94	MP2B	X	14.925	3
95	MP2B	Z	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	MP2B	Mx	-.004	3
97	MP2C	X	18.29	3
98	MP2C	Z	0	3
99	MP2C	Mx	-.009	3
100	M92	X	145.052	1
101	M92	Z	0	1
102	M92	Mx	0	1
103	MP1A	X	182.428	1
104	MP1A	Z	0	1
105	MP1A	Mx	-.086	1
106	MP1A	X	182.428	7
107	MP1A	Z	0	7
108	MP1A	Mx	-.086	7
109	MP1B	X	117.673	1
110	MP1B	Z	0	1
111	MP1B	Mx	.01	1
112	MP1B	X	117.673	7
113	MP1B	Z	0	7
114	MP1B	Mx	.01	7
115	MP1C	X	159.939	1
116	MP1C	Z	0	1
117	MP1C	Mx	.061	1
118	MP1C	X	159.939	7
119	MP1C	Z	0	7
120	MP1C	Mx	.061	7
121	MP4A	X	182.428	1
122	MP4A	Z	0	1
123	MP4A	Mx	-.086	1
124	MP4A	X	182.428	7
125	MP4A	Z	0	7
126	MP4A	Mx	-.086	7
127	MP4B	X	117.673	1
128	MP4B	Z	0	1
129	MP4B	Mx	.01	1
130	MP4B	X	117.673	7
131	MP4B	Z	0	7
132	MP4B	Mx	.01	7
133	MP4C	X	159.939	1
134	MP4C	Z	0	1
135	MP4C	Mx	.061	1
136	MP4C	X	159.939	7
137	MP4C	Z	0	7
138	MP4C	Mx	.061	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	152.129	.5
2	MP2A	Z	87.832	.5
3	MP2A	Mx	-.127	.5
4	MP2A	X	152.129	6.5
5	MP2A	Z	87.832	6.5
6	MP2A	Mx	-.127	6.5
7	MP2B	X	203.828	.5
8	MP2B	Z	117.68	.5
9	MP2B	Mx	.137	.5
10	MP2B	X	203.828	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP2B	Z	117.68	6.5
12	MP2B	Mx	.137	6.5
13	MP2C	X	136.975	.5
14	MP2C	Z	79.083	.5
15	MP2C	Mx	.094	.5
16	MP2C	X	136.975	6.5
17	MP2C	Z	79.083	6.5
18	MP2C	Mx	.094	6.5
19	MP2A	X	152.129	.5
20	MP2A	Z	87.832	.5
21	MP2A	Mx	-.025	.5
22	MP2A	X	152.129	6.5
23	MP2A	Z	87.832	6.5
24	MP2A	Mx	-.025	6.5
25	MP2B	X	203.828	.5
26	MP2B	Z	117.68	.5
27	MP2B	Mx	-.137	.5
28	MP2B	X	203.828	6.5
29	MP2B	Z	117.68	6.5
30	MP2B	Mx	-.137	6.5
31	MP2C	X	136.975	.5
32	MP2C	Z	79.083	.5
33	MP2C	Mx	.062	.5
34	MP2C	X	136.975	6.5
35	MP2C	Z	79.083	6.5
36	MP2C	Mx	.062	6.5
37	MP3A	X	40.655	.1
38	MP3A	Z	23.472	.1
39	MP3A	Mx	-.02	.1
40	MP3A	X	40.655	2.1
41	MP3A	Z	23.472	2.1
42	MP3A	Mx	-.02	2.1
43	MP3B	X	74.784	.1
44	MP3B	Z	43.177	.1
45	MP3B	Mx	0	.1
46	MP3B	X	74.784	2.1
47	MP3B	Z	43.177	2.1
48	MP3B	Mx	0	2.1
49	MP3C	X	30.65	.1
50	MP3C	Z	17.696	.1
51	MP3C	Mx	.017	.1
52	MP3C	X	30.65	2.1
53	MP3C	Z	17.696	2.1
54	MP3C	Mx	.017	2.1
55	MP3A	X	5.623	4
56	MP3A	Z	3.247	4
57	MP3A	Mx	-.003	4
58	MP3A	X	5.623	4.5
59	MP3A	Z	3.247	4.5
60	MP3A	Mx	-.003	4.5
61	MP3B	X	14.161	4
62	MP3B	Z	8.176	4
63	MP3B	Mx	0	4
64	MP3B	X	14.161	4.5
65	MP3B	Z	8.176	4.5
66	MP3B	Mx	0	4.5
67	MP3C	X	3.12	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP3C	Z	1.802	4
69	MP3C	Mx	.002	4
70	MP3C	X	3.12	4.5
71	MP3C	Z	1.802	4.5
72	MP3C	Mx	.002	4.5
73	MP2A	X	44.712	1.5
74	MP2A	Z	25.814	1.5
75	MP2A	Mx	.022	1.5
76	MP2B	X	59.509	1.5
77	MP2B	Z	34.358	1.5
78	MP2B	Mx	0	1.5
79	MP2C	X	40.374	1.5
80	MP2C	Z	23.31	1.5
81	MP2C	Mx	-.023	1.5
82	MP2A	X	39.043	4.5
83	MP2A	Z	22.542	4.5
84	MP2A	Mx	.02	4.5
85	MP2B	X	59.509	4.5
86	MP2B	Z	34.358	4.5
87	MP2B	Mx	0	4.5
88	MP2C	X	33.044	4.5
89	MP2C	Z	19.078	4.5
90	MP2C	Mx	-.019	4.5
91	MP2A	X	15.227	3
92	MP2A	Z	8.792	3
93	MP2A	Mx	.008	3
94	MP2B	X	11.775	3
95	MP2B	Z	6.798	3
96	MP2B	Mx	0	3
97	MP2C	X	16.24	3
98	MP2C	Z	9.376	3
99	MP2C	Mx	-.009	3
100	M92	X	111.228	1
101	M92	Z	64.217	1
102	M92	Mx	0	1
103	MP1A	X	127.093	1
104	MP1A	Z	73.377	1
105	MP1A	Mx	-.047	1
106	MP1A	X	127.093	7
107	MP1A	Z	73.377	7
108	MP1A	Mx	-.047	7
109	MP1B	X	107.617	1
110	MP1B	Z	62.133	1
111	MP1B	Mx	-.021	1
112	MP1B	X	107.617	7
113	MP1B	Z	62.133	7
114	MP1B	Mx	-.021	7
115	MP1C	X	163.697	1
116	MP1C	Z	94.51	1
117	MP1C	Mx	.093	1
118	MP1C	X	163.697	7
119	MP1C	Z	94.51	7
120	MP1C	Mx	.093	7
121	MP4A	X	127.093	1
122	MP4A	Z	73.377	1
123	MP4A	Mx	-.047	1
124	MP4A	X	127.093	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
125	MP4A	Z	73.377	7
126	MP4A	Mx	-.047	7
127	MP4B	X	107.617	1
128	MP4B	Z	62.133	1
129	MP4B	Mx	-.021	1
130	MP4B	X	107.617	7
131	MP4B	Z	62.133	7
132	MP4B	Mx	-.021	7
133	MP4C	X	163.697	1
134	MP4C	Z	94.51	1
135	MP4C	Mx	.093	1
136	MP4C	X	163.697	7
137	MP4C	Z	94.51	7
138	MP4C	Mx	.093	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	107.731	.5
2	MP2A	Z	186.595	.5
3	MP2A	Mx	-.163	.5
4	MP2A	X	107.731	6.5
5	MP2A	Z	186.595	6.5
6	MP2A	Mx	-.163	6.5
7	MP2B	X	107.731	.5
8	MP2B	Z	186.595	.5
9	MP2B	Mx	.055	.5
10	MP2B	X	107.731	6.5
11	MP2B	Z	186.595	6.5
12	MP2B	Mx	.055	6.5
13	MP2C	X	94.326	.5
14	MP2C	Z	163.377	.5
15	MP2C	Mx	.143	.5
16	MP2C	X	94.326	6.5
17	MP2C	Z	163.377	6.5
18	MP2C	Mx	.143	6.5
19	MP2A	X	107.731	.5
20	MP2A	Z	186.595	.5
21	MP2A	Mx	.055	.5
22	MP2A	X	107.731	6.5
23	MP2A	Z	186.595	6.5
24	MP2A	Mx	.055	6.5
25	MP2B	X	107.731	.5
26	MP2B	Z	186.595	.5
27	MP2B	Mx	-.163	.5
28	MP2B	X	107.731	6.5
29	MP2B	Z	186.595	6.5
30	MP2B	Mx	-.163	6.5
31	MP2C	X	94.326	.5
32	MP2C	Z	163.377	.5
33	MP2C	Mx	.002	.5
34	MP2C	X	94.326	6.5
35	MP2C	Z	163.377	6.5
36	MP2C	Mx	.002	6.5
37	MP3A	X	36.609	.1
38	MP3A	Z	63.408	.1
39	MP3A	Mx	-.018	.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	X	36.609	2.1
41	MP3A	Z	63.408	2.1
42	MP3A	Mx	-.018	2.1
43	MP3B	X	36.609	.1
44	MP3B	Z	63.408	.1
45	MP3B	Mx	-.018	.1
46	MP3B	X	36.609	2.1
47	MP3B	Z	63.408	2.1
48	MP3B	Mx	-.018	2.1
49	MP3C	X	27.759	.1
50	MP3C	Z	48.08	.1
51	MP3C	Mx	.021	.1
52	MP3C	X	27.759	2.1
53	MP3C	Z	48.08	2.1
54	MP3C	Mx	.021	2.1
55	MP3A	X	6.533	4
56	MP3A	Z	11.315	4
57	MP3A	Mx	-.003	4
58	MP3A	X	6.533	4.5
59	MP3A	Z	11.315	4.5
60	MP3A	Mx	-.003	4.5
61	MP3B	X	6.533	4
62	MP3B	Z	11.315	4
63	MP3B	Mx	-.003	4
64	MP3B	X	6.533	4.5
65	MP3B	Z	11.315	4.5
66	MP3B	Mx	-.003	4.5
67	MP3C	X	4.319	4
68	MP3C	Z	7.481	4
69	MP3C	Mx	.003	4
70	MP3C	X	4.319	4.5
71	MP3C	Z	7.481	4.5
72	MP3C	Mx	.003	4.5
73	MP2A	X	31.51	1.5
74	MP2A	Z	54.577	1.5
75	MP2A	Mx	.016	1.5
76	MP2B	X	31.51	1.5
77	MP2B	Z	54.577	1.5
78	MP2B	Mx	.016	1.5
79	MP2C	X	27.673	1.5
80	MP2C	Z	47.931	1.5
81	MP2C	Mx	-.021	1.5
82	MP2A	X	30.419	4.5
83	MP2A	Z	52.687	4.5
84	MP2A	Mx	.015	4.5
85	MP2B	X	30.419	4.5
86	MP2B	Z	52.687	4.5
87	MP2B	Mx	.015	4.5
88	MP2C	X	25.112	4.5
89	MP2C	Z	43.496	4.5
90	MP2C	Mx	-.019	4.5
91	MP2A	X	7.463	3
92	MP2A	Z	12.926	3
93	MP2A	Mx	.004	3
94	MP2B	X	7.463	3
95	MP2B	Z	12.926	3
96	MP2B	Mx	.004	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP2C	X	8.358	3
98	MP2C	Z	14.476	3
99	MP2C	Mx	-.006	3
100	M92	X	57.444	1
101	M92	Z	99.496	1
102	M92	Mx	0	1
103	MP1A	X	58.836	1
104	MP1A	Z	101.908	1
105	MP1A	Mx	-.01	1
106	MP1A	X	58.836	7
107	MP1A	Z	101.908	7
108	MP1A	Mx	-.01	7
109	MP1B	X	79.97	1
110	MP1B	Z	138.511	1
111	MP1B	Mx	-.061	1
112	MP1B	X	79.97	7
113	MP1B	Z	138.511	7
114	MP1B	Mx	-.061	7
115	MP1C	X	91.214	1
116	MP1C	Z	157.988	1
117	MP1C	Mx	.086	1
118	MP1C	X	91.214	7
119	MP1C	Z	157.988	7
120	MP1C	Mx	.086	7
121	MP4A	X	58.836	1
122	MP4A	Z	101.908	1
123	MP4A	Mx	-.01	1
124	MP4A	X	58.836	7
125	MP4A	Z	101.908	7
126	MP4A	Mx	-.01	7
127	MP4B	X	79.97	1
128	MP4B	Z	138.511	1
129	MP4B	Mx	-.061	1
130	MP4B	X	79.97	7
131	MP4B	Z	138.511	7
132	MP4B	Mx	-.061	7
133	MP4C	X	91.214	1
134	MP4C	Z	157.988	1
135	MP4C	Mx	.086	1
136	MP4C	X	91.214	7
137	MP4C	Z	157.988	7
138	MP4C	Mx	.086	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	235.36	.5
3	MP2A	Mx	-.137	.5
4	MP2A	X	0	6.5
5	MP2A	Z	235.36	6.5
6	MP2A	Mx	-.137	6.5
7	MP2B	X	0	.5
8	MP2B	Z	175.664	.5
9	MP2B	Mx	-.025	.5
10	MP2B	X	0	6.5
11	MP2B	Z	175.664	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	-.025	6.5
13	MP2C	X	0	.5
14	MP2C	Z	226.049	.5
15	MP2C	Mx	.163	.5
16	MP2C	X	0	6.5
17	MP2C	Z	226.049	6.5
18	MP2C	Mx	.163	6.5
19	MP2A	X	0	.5
20	MP2A	Z	235.36	.5
21	MP2A	Mx	.137	.5
22	MP2A	X	0	6.5
23	MP2A	Z	235.36	6.5
24	MP2A	Mx	.137	6.5
25	MP2B	X	0	.5
26	MP2B	Z	175.664	.5
27	MP2B	Mx	-.127	.5
28	MP2B	X	0	6.5
29	MP2B	Z	175.664	6.5
30	MP2B	Mx	-.127	6.5
31	MP2C	X	0	.5
32	MP2C	Z	226.049	.5
33	MP2C	Mx	-.085	.5
34	MP2C	X	0	6.5
35	MP2C	Z	226.049	6.5
36	MP2C	Mx	-.085	6.5
37	MP3A	X	0	.1
38	MP3A	Z	86.354	.1
39	MP3A	Mx	0	.1
40	MP3A	X	0	2.1
41	MP3A	Z	86.354	2.1
42	MP3A	Mx	0	2.1
43	MP3B	X	0	.1
44	MP3B	Z	46.944	.1
45	MP3B	Mx	-.02	.1
46	MP3B	X	0	2.1
47	MP3B	Z	46.944	2.1
48	MP3B	Mx	-.02	2.1
49	MP3C	X	0	.1
50	MP3C	Z	80.207	.1
51	MP3C	Mx	.014	.1
52	MP3C	X	0	2.1
53	MP3C	Z	80.207	2.1
54	MP3C	Mx	.014	2.1
55	MP3A	X	0	4
56	MP3A	Z	16.352	4
57	MP3A	Mx	0	4
58	MP3A	X	0	4.5
59	MP3A	Z	16.352	4.5
60	MP3A	Mx	0	4.5
61	MP3B	X	0	4
62	MP3B	Z	6.493	4
63	MP3B	Mx	-.003	4
64	MP3B	X	0	4.5
65	MP3B	Z	6.493	4.5
66	MP3B	Mx	-.003	4.5
67	MP3C	X	0	4
68	MP3C	Z	14.814	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3C	Mx	.003	4
70	MP3C	X	0	4.5
71	MP3C	Z	14.814	4.5
72	MP3C	Mx	.003	4.5
73	MP2A	X	0	1.5
74	MP2A	Z	68.715	1.5
75	MP2A	Mx	0	1.5
76	MP2B	X	0	1.5
77	MP2B	Z	51.628	1.5
78	MP2B	Mx	.022	1.5
79	MP2C	X	0	1.5
80	MP2C	Z	66.05	1.5
81	MP2C	Mx	-.011	1.5
82	MP2A	X	0	4.5
83	MP2A	Z	68.715	4.5
84	MP2A	Mx	0	4.5
85	MP2B	X	0	4.5
86	MP2B	Z	45.083	4.5
87	MP2B	Mx	.02	4.5
88	MP2C	X	0	4.5
89	MP2C	Z	65.03	4.5
90	MP2C	Mx	-.011	4.5
91	MP2A	X	0	3
92	MP2A	Z	13.596	3
93	MP2A	Mx	0	3
94	MP2B	X	0	3
95	MP2B	Z	17.583	3
96	MP2B	Mx	.008	3
97	MP2C	X	0	3
98	MP2C	Z	14.218	3
99	MP2C	Mx	-.002	3
100	M92	X	0	1
101	M92	Z	117.959	1
102	M92	Mx	0	1
103	MP1A	X	0	1
104	MP1A	Z	124.265	1
105	MP1A	Mx	.021	1
106	MP1A	X	0	7
107	MP1A	Z	124.265	7
108	MP1A	Mx	.021	7
109	MP1B	X	0	1
110	MP1B	Z	189.021	1
111	MP1B	Mx	-.093	1
112	MP1B	X	0	7
113	MP1B	Z	189.021	7
114	MP1B	Mx	-.093	7
115	MP1C	X	0	1
116	MP1C	Z	146.754	1
117	MP1C	Mx	.047	1
118	MP1C	X	0	7
119	MP1C	Z	146.754	7
120	MP1C	Mx	.047	7
121	MP4A	X	0	1
122	MP4A	Z	124.265	1
123	MP4A	Mx	.021	1
124	MP4A	X	0	7
125	MP4A	Z	124.265	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
126	MP4A	Mx	.021	7
127	MP4B	X	0	1
128	MP4B	Z	189.021	1
129	MP4B	Mx	-.093	1
130	MP4B	X	0	7
131	MP4B	Z	189.021	7
132	MP4B	Mx	-.093	7
133	MP4C	X	0	1
134	MP4C	Z	146.754	1
135	MP4C	Mx	.047	1
136	MP4C	X	0	7
137	MP4C	Z	146.754	7
138	MP4C	Mx	.047	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-107.731	.5
2	MP2A	Z	186.595	.5
3	MP2A	Mx	-.055	.5
4	MP2A	X	-107.731	6.5
5	MP2A	Z	186.595	6.5
6	MP2A	Mx	-.055	6.5
7	MP2B	X	-77.882	.5
8	MP2B	Z	134.896	.5
9	MP2B	Mx	-.078	.5
10	MP2B	X	-77.882	6.5
11	MP2B	Z	134.896	6.5
12	MP2B	Mx	-.078	6.5
13	MP2C	X	-116.48	.5
14	MP2C	Z	201.749	.5
15	MP2C	Mx	.114	.5
16	MP2C	X	-116.48	6.5
17	MP2C	Z	201.749	6.5
18	MP2C	Mx	.114	6.5
19	MP2A	X	-107.731	.5
20	MP2A	Z	186.595	.5
21	MP2A	Mx	.163	.5
22	MP2A	X	-107.731	6.5
23	MP2A	Z	186.595	6.5
24	MP2A	Mx	.163	6.5
25	MP2B	X	-77.882	.5
26	MP2B	Z	134.896	.5
27	MP2B	Mx	-.078	.5
28	MP2B	X	-77.882	6.5
29	MP2B	Z	134.896	6.5
30	MP2B	Mx	-.078	6.5
31	MP2C	X	-116.48	.5
32	MP2C	Z	201.749	.5
33	MP2C	Mx	-.154	.5
34	MP2C	X	-116.48	6.5
35	MP2C	Z	201.749	6.5
36	MP2C	Mx	-.154	6.5
37	MP3A	X	-36.609	.1
38	MP3A	Z	63.408	.1
39	MP3A	Mx	.018	.1
40	MP3A	X	-36.609	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3A	Z	63.408	2.1
42	MP3A	Mx	.018	2.1
43	MP3B	X	-16.904	.1
44	MP3B	Z	29.278	.1
45	MP3B	Mx	-.017	.1
46	MP3B	X	-16.904	2.1
47	MP3B	Z	29.278	2.1
48	MP3B	Mx	-.017	2.1
49	MP3C	X	-42.385	.1
50	MP3C	Z	73.412	.1
51	MP3C	Mx	-.007	.1
52	MP3C	X	-42.385	2.1
53	MP3C	Z	73.412	2.1
54	MP3C	Mx	-.007	2.1
55	MP3A	X	-6.533	4
56	MP3A	Z	11.315	4
57	MP3A	Mx	.003	4
58	MP3A	X	-6.533	4.5
59	MP3A	Z	11.315	4.5
60	MP3A	Mx	.003	4.5
61	MP3B	X	-1.603	4
62	MP3B	Z	2.777	4
63	MP3B	Mx	-.002	4
64	MP3B	X	-1.603	4.5
65	MP3B	Z	2.777	4.5
66	MP3B	Mx	-.002	4.5
67	MP3C	X	-7.978	4
68	MP3C	Z	13.818	4
69	MP3C	Mx	-.001	4
70	MP3C	X	-7.978	4.5
71	MP3C	Z	13.818	4.5
72	MP3C	Mx	-.001	4.5
73	MP2A	X	-31.51	1.5
74	MP2A	Z	54.577	1.5
75	MP2A	Mx	-.016	1.5
76	MP2B	X	-22.966	1.5
77	MP2B	Z	39.779	1.5
78	MP2B	Mx	.023	1.5
79	MP2C	X	-34.014	1.5
80	MP2C	Z	58.914	1.5
81	MP2C	Mx	.006	1.5
82	MP2A	X	-30.419	4.5
83	MP2A	Z	52.687	4.5
84	MP2A	Mx	-.015	4.5
85	MP2B	X	-18.603	4.5
86	MP2B	Z	32.221	4.5
87	MP2B	Mx	.019	4.5
88	MP2C	X	-33.883	4.5
89	MP2C	Z	58.687	4.5
90	MP2C	Mx	.006	4.5
91	MP2A	X	-7.463	3
92	MP2A	Z	12.926	3
93	MP2A	Mx	-.004	3
94	MP2B	X	-9.456	3
95	MP2B	Z	16.378	3
96	MP2B	Mx	.009	3
97	MP2C	X	-6.878	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP2C	Z	11.913	3
99	MP2C	Mx	.001	3
100	M92	X	-67.288	1
101	M92	Z	116.547	1
102	M92	Mx	0	1
103	MP1A	X	-79.97	1
104	MP1A	Z	138.511	1
105	MP1A	Mx	.061	1
106	MP1A	X	-79.97	7
107	MP1A	Z	138.511	7
108	MP1A	Mx	.061	7
109	MP1B	X	-91.214	1
110	MP1B	Z	157.988	1
111	MP1B	Mx	-.086	1
112	MP1B	X	-91.214	7
113	MP1B	Z	157.988	7
114	MP1B	Mx	-.086	7
115	MP1C	X	-58.836	1
116	MP1C	Z	101.908	1
117	MP1C	Mx	.01	1
118	MP1C	X	-58.836	7
119	MP1C	Z	101.908	7
120	MP1C	Mx	.01	7
121	MP4A	X	-79.97	1
122	MP4A	Z	138.511	1
123	MP4A	Mx	.061	1
124	MP4A	X	-79.97	7
125	MP4A	Z	138.511	7
126	MP4A	Mx	.061	7
127	MP4B	X	-91.214	1
128	MP4B	Z	157.988	1
129	MP4B	Mx	-.086	1
130	MP4B	X	-91.214	7
131	MP4B	Z	157.988	7
132	MP4B	Mx	-.086	7
133	MP4C	X	-58.836	1
134	MP4C	Z	101.908	1
135	MP4C	Mx	.01	1
136	MP4C	X	-58.836	7
137	MP4C	Z	101.908	7
138	MP4C	Mx	.01	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-152.129	.5
2	MP2A	Z	87.832	.5
3	MP2A	Mx	.025	.5
4	MP2A	X	-152.129	6.5
5	MP2A	Z	87.832	6.5
6	MP2A	Mx	.025	6.5
7	MP2B	X	-152.129	.5
8	MP2B	Z	87.832	.5
9	MP2B	Mx	-.127	.5
10	MP2B	X	-152.129	6.5
11	MP2B	Z	87.832	6.5
12	MP2B	Mx	-.127	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2C	X	-175.347	.5
14	MP2C	Z	101.237	.5
15	MP2C	Mx	.025	.5
16	MP2C	X	-175.347	6.5
17	MP2C	Z	101.237	6.5
18	MP2C	Mx	.025	6.5
19	MP2A	X	-152.129	.5
20	MP2A	Z	87.832	.5
21	MP2A	Mx	.127	.5
22	MP2A	X	-152.129	6.5
23	MP2A	Z	87.832	6.5
24	MP2A	Mx	.127	6.5
25	MP2B	X	-152.129	.5
26	MP2B	Z	87.832	.5
27	MP2B	Mx	-.025	.5
28	MP2B	X	-152.129	6.5
29	MP2B	Z	87.832	6.5
30	MP2B	Mx	-.025	6.5
31	MP2C	X	-175.347	.5
32	MP2C	Z	101.237	.5
33	MP2C	Mx	-.156	.5
34	MP2C	X	-175.347	6.5
35	MP2C	Z	101.237	6.5
36	MP2C	Mx	-.156	6.5
37	MP3A	X	-40.655	.1
38	MP3A	Z	23.472	.1
39	MP3A	Mx	.02	.1
40	MP3A	X	-40.655	2.1
41	MP3A	Z	23.472	2.1
42	MP3A	Mx	.02	2.1
43	MP3B	X	-40.655	.1
44	MP3B	Z	23.472	.1
45	MP3B	Mx	-.02	.1
46	MP3B	X	-40.655	2.1
47	MP3B	Z	23.472	2.1
48	MP3B	Mx	-.02	2.1
49	MP3C	X	-55.982	.1
50	MP3C	Z	32.321	.1
51	MP3C	Mx	-.021	.1
52	MP3C	X	-55.982	2.1
53	MP3C	Z	32.321	2.1
54	MP3C	Mx	-.021	2.1
55	MP3A	X	-5.623	4
56	MP3A	Z	3.247	4
57	MP3A	Mx	.003	4
58	MP3A	X	-5.623	4.5
59	MP3A	Z	3.247	4.5
60	MP3A	Mx	.003	4.5
61	MP3B	X	-5.623	4
62	MP3B	Z	3.247	4
63	MP3B	Mx	-.003	4
64	MP3B	X	-5.623	4.5
65	MP3B	Z	3.247	4.5
66	MP3B	Mx	-.003	4.5
67	MP3C	X	-9.458	4
68	MP3C	Z	5.46	4
69	MP3C	Mx	-.004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP3C	X	-9.458	4.5
71	MP3C	Z	5.46	4.5
72	MP3C	Mx	-.004	4.5
73	MP2A	X	-44.712	1.5
74	MP2A	Z	25.814	1.5
75	MP2A	Mx	-.022	1.5
76	MP2B	X	-44.712	1.5
77	MP2B	Z	25.814	1.5
78	MP2B	Mx	.022	1.5
79	MP2C	X	-51.357	1.5
80	MP2C	Z	29.651	1.5
81	MP2C	Mx	.019	1.5
82	MP2A	X	-39.043	4.5
83	MP2A	Z	22.542	4.5
84	MP2A	Mx	-.02	4.5
85	MP2B	X	-39.043	4.5
86	MP2B	Z	22.542	4.5
87	MP2B	Mx	.02	4.5
88	MP2C	X	-48.234	4.5
89	MP2C	Z	27.848	4.5
90	MP2C	Mx	.018	4.5
91	MP2A	X	-15.227	3
92	MP2A	Z	8.792	3
93	MP2A	Mx	-.008	3
94	MP2B	X	-15.227	3
95	MP2B	Z	8.792	3
96	MP2B	Mx	.008	3
97	MP2C	X	-13.677	3
98	MP2C	Z	7.896	3
99	MP2C	Mx	.005	3
100	M92	X	-128.279	1
101	M92	Z	74.062	1
102	M92	Mx	0	1
103	MP1A	X	-163.697	1
104	MP1A	Z	94.51	1
105	MP1A	Mx	.093	1
106	MP1A	X	-163.697	7
107	MP1A	Z	94.51	7
108	MP1A	Mx	.093	7
109	MP1B	X	-127.093	1
110	MP1B	Z	73.377	1
111	MP1B	Mx	-.047	1
112	MP1B	X	-127.093	7
113	MP1B	Z	73.377	7
114	MP1B	Mx	-.047	7
115	MP1C	X	-107.617	1
116	MP1C	Z	62.133	1
117	MP1C	Mx	-.021	1
118	MP1C	X	-107.617	7
119	MP1C	Z	62.133	7
120	MP1C	Mx	-.021	7
121	MP4A	X	-163.697	1
122	MP4A	Z	94.51	1
123	MP4A	Mx	.093	1
124	MP4A	X	-163.697	7
125	MP4A	Z	94.51	7
126	MP4A	Mx	.093	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
127	MP4B	X	-127.093	1
128	MP4B	Z	73.377	1
129	MP4B	Mx	-.047	1
130	MP4B	X	-127.093	7
131	MP4B	Z	73.377	7
132	MP4B	Mx	-.047	7
133	MP4C	X	-107.617	1
134	MP4C	Z	62.133	1
135	MP4C	Mx	-.021	1
136	MP4C	X	-107.617	7
137	MP4C	Z	62.133	7
138	MP4C	Mx	-.021	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-155.765	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.078	.5
4	MP2A	X	-155.765	6.5
5	MP2A	Z	0	6.5
6	MP2A	Mx	.078	6.5
7	MP2B	X	-215.461	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.163	.5
10	MP2B	X	-215.461	6.5
11	MP2B	Z	0	6.5
12	MP2B	Mx	-.163	6.5
13	MP2C	X	-165.076	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.045	.5
16	MP2C	X	-165.076	6.5
17	MP2C	Z	0	6.5
18	MP2C	Mx	-.045	6.5
19	MP2A	X	-155.765	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.078	.5
22	MP2A	X	-155.765	6.5
23	MP2A	Z	0	6.5
24	MP2A	Mx	.078	6.5
25	MP2B	X	-215.461	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.055	.5
28	MP2B	X	-215.461	6.5
29	MP2B	Z	0	6.5
30	MP2B	Mx	.055	6.5
31	MP2C	X	-165.076	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.11	.5
34	MP2C	X	-165.076	6.5
35	MP2C	Z	0	6.5
36	MP2C	Mx	-.11	6.5
37	MP3A	X	-33.807	.1
38	MP3A	Z	0	.1
39	MP3A	Mx	.017	.1
40	MP3A	X	-33.807	2.1
41	MP3A	Z	0	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mx	.017	2.1
43	MP3B	X	-73.217	.1
44	MP3B	Z	0	.1
45	MP3B	Mx	-.018	.1
46	MP3B	X	-73.217	2.1
47	MP3B	Z	0	2.1
48	MP3B	Mx	-.018	2.1
49	MP3C	X	-39.954	.1
50	MP3C	Z	0	.1
51	MP3C	Mx	-.019	.1
52	MP3C	X	-39.954	2.1
53	MP3C	Z	0	2.1
54	MP3C	Mx	-.019	2.1
55	MP3A	X	-3.207	4
56	MP3A	Z	0	4
57	MP3A	Mx	.002	4
58	MP3A	X	-3.207	4.5
59	MP3A	Z	0	4.5
60	MP3A	Mx	.002	4.5
61	MP3B	X	-13.066	4
62	MP3B	Z	0	4
63	MP3B	Mx	-.003	4
64	MP3B	X	-13.066	4.5
65	MP3B	Z	0	4.5
66	MP3B	Mx	-.003	4.5
67	MP3C	X	-4.744	4
68	MP3C	Z	0	4
69	MP3C	Mx	-.002	4
70	MP3C	X	-4.744	4.5
71	MP3C	Z	0	4.5
72	MP3C	Mx	-.002	4.5
73	MP2A	X	-45.933	1.5
74	MP2A	Z	0	1.5
75	MP2A	Mx	-.023	1.5
76	MP2B	X	-63.02	1.5
77	MP2B	Z	0	1.5
78	MP2B	Mx	.016	1.5
79	MP2C	X	-48.598	1.5
80	MP2C	Z	0	1.5
81	MP2C	Mx	.023	1.5
82	MP2A	X	-37.206	4.5
83	MP2A	Z	0	4.5
84	MP2A	Mx	-.019	4.5
85	MP2B	X	-60.838	4.5
86	MP2B	Z	0	4.5
87	MP2B	Mx	.015	4.5
88	MP2C	X	-40.892	4.5
89	MP2C	Z	0	4.5
90	MP2C	Mx	.019	4.5
91	MP2A	X	-18.912	3
92	MP2A	Z	0	3
93	MP2A	Mx	-.009	3
94	MP2B	X	-14.925	3
95	MP2B	Z	0	3
96	MP2B	Mx	.004	3
97	MP2C	X	-18.29	3
98	MP2C	Z	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
99	MP2C	Mx	.009	3
100	M92	X	-145.052	1
101	M92	Z	0	1
102	M92	Mx	0	1
103	MP1A	X	-182.428	1
104	MP1A	Z	0	1
105	MP1A	Mx	.086	1
106	MP1A	X	-182.428	7
107	MP1A	Z	0	7
108	MP1A	Mx	.086	7
109	MP1B	X	-117.673	1
110	MP1B	Z	0	1
111	MP1B	Mx	-.01	1
112	MP1B	X	-117.673	7
113	MP1B	Z	0	7
114	MP1B	Mx	-.01	7
115	MP1C	X	-159.939	1
116	MP1C	Z	0	1
117	MP1C	Mx	-.061	1
118	MP1C	X	-159.939	7
119	MP1C	Z	0	7
120	MP1C	Mx	-.061	7
121	MP4A	X	-182.428	1
122	MP4A	Z	0	1
123	MP4A	Mx	.086	1
124	MP4A	X	-182.428	7
125	MP4A	Z	0	7
126	MP4A	Mx	.086	7
127	MP4B	X	-117.673	1
128	MP4B	Z	0	1
129	MP4B	Mx	-.01	1
130	MP4B	X	-117.673	7
131	MP4B	Z	0	7
132	MP4B	Mx	-.01	7
133	MP4C	X	-159.939	1
134	MP4C	Z	0	1
135	MP4C	Mx	-.061	1
136	MP4C	X	-159.939	7
137	MP4C	Z	0	7
138	MP4C	Mx	-.061	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-152.129	.5
2	MP2A	Z	-87.832	.5
3	MP2A	Mx	.127	.5
4	MP2A	X	-152.129	6.5
5	MP2A	Z	-87.832	6.5
6	MP2A	Mx	.127	6.5
7	MP2B	X	-203.828	.5
8	MP2B	Z	-117.68	.5
9	MP2B	Mx	-.137	.5
10	MP2B	X	-203.828	6.5
11	MP2B	Z	-117.68	6.5
12	MP2B	Mx	-.137	6.5
13	MP2C	X	-136.975	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP2C	Z	-79.083	.5
15	MP2C	Mx	-.094	.5
16	MP2C	X	-136.975	6.5
17	MP2C	Z	-79.083	6.5
18	MP2C	Mx	-.094	6.5
19	MP2A	X	-152.129	.5
20	MP2A	Z	-87.832	.5
21	MP2A	Mx	.025	.5
22	MP2A	X	-152.129	6.5
23	MP2A	Z	-87.832	6.5
24	MP2A	Mx	.025	6.5
25	MP2B	X	-203.828	.5
26	MP2B	Z	-117.68	.5
27	MP2B	Mx	.137	.5
28	MP2B	X	-203.828	6.5
29	MP2B	Z	-117.68	6.5
30	MP2B	Mx	.137	6.5
31	MP2C	X	-136.975	.5
32	MP2C	Z	-79.083	.5
33	MP2C	Mx	-.062	.5
34	MP2C	X	-136.975	6.5
35	MP2C	Z	-79.083	6.5
36	MP2C	Mx	-.062	6.5
37	MP3A	X	-40.655	.1
38	MP3A	Z	-23.472	.1
39	MP3A	Mx	.02	.1
40	MP3A	X	-40.655	2.1
41	MP3A	Z	-23.472	2.1
42	MP3A	Mx	.02	2.1
43	MP3B	X	-74.784	.1
44	MP3B	Z	-43.177	.1
45	MP3B	Mx	0	.1
46	MP3B	X	-74.784	2.1
47	MP3B	Z	-43.177	2.1
48	MP3B	Mx	0	2.1
49	MP3C	X	-30.65	.1
50	MP3C	Z	-17.696	.1
51	MP3C	Mx	-.017	.1
52	MP3C	X	-30.65	2.1
53	MP3C	Z	-17.696	2.1
54	MP3C	Mx	-.017	2.1
55	MP3A	X	-5.623	4
56	MP3A	Z	-3.247	4
57	MP3A	Mx	.003	4
58	MP3A	X	-5.623	4.5
59	MP3A	Z	-3.247	4.5
60	MP3A	Mx	.003	4.5
61	MP3B	X	-14.161	4
62	MP3B	Z	-8.176	4
63	MP3B	Mx	0	4
64	MP3B	X	-14.161	4.5
65	MP3B	Z	-8.176	4.5
66	MP3B	Mx	0	4.5
67	MP3C	X	-3.12	4
68	MP3C	Z	-1.802	4
69	MP3C	Mx	-.002	4
70	MP3C	X	-3.12	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP3C	Z	-1.802	4.5
72	MP3C	Mx	-.002	4.5
73	MP2A	X	-44.712	1.5
74	MP2A	Z	-25.814	1.5
75	MP2A	Mx	-.022	1.5
76	MP2B	X	-59.509	1.5
77	MP2B	Z	-34.358	1.5
78	MP2B	Mx	0	1.5
79	MP2C	X	-40.374	1.5
80	MP2C	Z	-23.31	1.5
81	MP2C	Mx	.023	1.5
82	MP2A	X	-39.043	4.5
83	MP2A	Z	-22.542	4.5
84	MP2A	Mx	-.02	4.5
85	MP2B	X	-59.509	4.5
86	MP2B	Z	-34.358	4.5
87	MP2B	Mx	0	4.5
88	MP2C	X	-33.044	4.5
89	MP2C	Z	-19.078	4.5
90	MP2C	Mx	.019	4.5
91	MP2A	X	-15.227	3
92	MP2A	Z	-8.792	3
93	MP2A	Mx	-.008	3
94	MP2B	X	-11.775	3
95	MP2B	Z	-6.798	3
96	MP2B	Mx	0	3
97	MP2C	X	-16.24	3
98	MP2C	Z	-9.376	3
99	MP2C	Mx	.009	3
100	M92	X	-111.228	1
101	M92	Z	-64.217	1
102	M92	Mx	0	1
103	MP1A	X	-127.093	1
104	MP1A	Z	-73.377	1
105	MP1A	Mx	.047	1
106	MP1A	X	-127.093	7
107	MP1A	Z	-73.377	7
108	MP1A	Mx	.047	7
109	MP1B	X	-107.617	1
110	MP1B	Z	-62.133	1
111	MP1B	Mx	.021	1
112	MP1B	X	-107.617	7
113	MP1B	Z	-62.133	7
114	MP1B	Mx	.021	7
115	MP1C	X	-163.697	1
116	MP1C	Z	-94.51	1
117	MP1C	Mx	-.093	1
118	MP1C	X	-163.697	7
119	MP1C	Z	-94.51	7
120	MP1C	Mx	-.093	7
121	MP4A	X	-127.093	1
122	MP4A	Z	-73.377	1
123	MP4A	Mx	.047	1
124	MP4A	X	-127.093	7
125	MP4A	Z	-73.377	7
126	MP4A	Mx	.047	7
127	MP4B	X	-107.617	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
128	MP4B	Z	-62.133	1
129	MP4B	Mx	.021	1
130	MP4B	X	-107.617	7
131	MP4B	Z	-62.133	7
132	MP4B	Mx	.021	7
133	MP4C	X	-163.697	1
134	MP4C	Z	-94.51	1
135	MP4C	Mx	-.093	1
136	MP4C	X	-163.697	7
137	MP4C	Z	-94.51	7
138	MP4C	Mx	-.093	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-107.731	.5
2	MP2A	Z	-186.595	.5
3	MP2A	Mx	.163	.5
4	MP2A	X	-107.731	6.5
5	MP2A	Z	-186.595	6.5
6	MP2A	Mx	.163	6.5
7	MP2B	X	-107.731	.5
8	MP2B	Z	-186.595	.5
9	MP2B	Mx	-.055	.5
10	MP2B	X	-107.731	6.5
11	MP2B	Z	-186.595	6.5
12	MP2B	Mx	-.055	6.5
13	MP2C	X	-94.326	.5
14	MP2C	Z	-163.377	.5
15	MP2C	Mx	-.143	.5
16	MP2C	X	-94.326	6.5
17	MP2C	Z	-163.377	6.5
18	MP2C	Mx	-.143	6.5
19	MP2A	X	-107.731	.5
20	MP2A	Z	-186.595	.5
21	MP2A	Mx	-.055	.5
22	MP2A	X	-107.731	6.5
23	MP2A	Z	-186.595	6.5
24	MP2A	Mx	-.055	6.5
25	MP2B	X	-107.731	.5
26	MP2B	Z	-186.595	.5
27	MP2B	Mx	.163	.5
28	MP2B	X	-107.731	6.5
29	MP2B	Z	-186.595	6.5
30	MP2B	Mx	.163	6.5
31	MP2C	X	-94.326	.5
32	MP2C	Z	-163.377	.5
33	MP2C	Mx	-.002	.5
34	MP2C	X	-94.326	6.5
35	MP2C	Z	-163.377	6.5
36	MP2C	Mx	-.002	6.5
37	MP3A	X	-36.609	.1
38	MP3A	Z	-63.408	.1
39	MP3A	Mx	.018	.1
40	MP3A	X	-36.609	2.1
41	MP3A	Z	-63.408	2.1
42	MP3A	Mx	.018	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP3B	X	-36.609	.1
44	MP3B	Z	-63.408	.1
45	MP3B	Mx	.018	.1
46	MP3B	X	-36.609	2.1
47	MP3B	Z	-63.408	2.1
48	MP3B	Mx	.018	2.1
49	MP3C	X	-27.759	.1
50	MP3C	Z	-48.08	.1
51	MP3C	Mx	-.021	.1
52	MP3C	X	-27.759	2.1
53	MP3C	Z	-48.08	2.1
54	MP3C	Mx	-.021	2.1
55	MP3A	X	-6.533	4
56	MP3A	Z	-11.315	4
57	MP3A	Mx	.003	4
58	MP3A	X	-6.533	4.5
59	MP3A	Z	-11.315	4.5
60	MP3A	Mx	.003	4.5
61	MP3B	X	-6.533	4
62	MP3B	Z	-11.315	4
63	MP3B	Mx	.003	4
64	MP3B	X	-6.533	4.5
65	MP3B	Z	-11.315	4.5
66	MP3B	Mx	.003	4.5
67	MP3C	X	-4.319	4
68	MP3C	Z	-7.481	4
69	MP3C	Mx	-.003	4
70	MP3C	X	-4.319	4.5
71	MP3C	Z	-7.481	4.5
72	MP3C	Mx	-.003	4.5
73	MP2A	X	-31.51	1.5
74	MP2A	Z	-54.577	1.5
75	MP2A	Mx	-.016	1.5
76	MP2B	X	-31.51	1.5
77	MP2B	Z	-54.577	1.5
78	MP2B	Mx	-.016	1.5
79	MP2C	X	-27.673	1.5
80	MP2C	Z	-47.931	1.5
81	MP2C	Mx	.021	1.5
82	MP2A	X	-30.419	4.5
83	MP2A	Z	-52.687	4.5
84	MP2A	Mx	-.015	4.5
85	MP2B	X	-30.419	4.5
86	MP2B	Z	-52.687	4.5
87	MP2B	Mx	-.015	4.5
88	MP2C	X	-25.112	4.5
89	MP2C	Z	-43.496	4.5
90	MP2C	Mx	.019	4.5
91	MP2A	X	-7.463	3
92	MP2A	Z	-12.926	3
93	MP2A	Mx	-.004	3
94	MP2B	X	-7.463	3
95	MP2B	Z	-12.926	3
96	MP2B	Mx	-.004	3
97	MP2C	X	-8.358	3
98	MP2C	Z	-14.476	3
99	MP2C	Mx	.006	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	M92	X	-57.444	1
101	M92	Z	-99.496	1
102	M92	Mx	0	1
103	MP1A	X	-58.836	1
104	MP1A	Z	-101.908	1
105	MP1A	Mx	.01	1
106	MP1A	X	-58.836	7
107	MP1A	Z	-101.908	7
108	MP1A	Mx	.01	7
109	MP1B	X	-79.97	1
110	MP1B	Z	-138.511	1
111	MP1B	Mx	.061	1
112	MP1B	X	-79.97	7
113	MP1B	Z	-138.511	7
114	MP1B	Mx	.061	7
115	MP1C	X	-91.214	1
116	MP1C	Z	-157.988	1
117	MP1C	Mx	-.086	1
118	MP1C	X	-91.214	7
119	MP1C	Z	-157.988	7
120	MP1C	Mx	-.086	7
121	MP4A	X	-58.836	1
122	MP4A	Z	-101.908	1
123	MP4A	Mx	.01	1
124	MP4A	X	-58.836	7
125	MP4A	Z	-101.908	7
126	MP4A	Mx	.01	7
127	MP4B	X	-79.97	1
128	MP4B	Z	-138.511	1
129	MP4B	Mx	.061	1
130	MP4B	X	-79.97	7
131	MP4B	Z	-138.511	7
132	MP4B	Mx	.061	7
133	MP4C	X	-91.214	1
134	MP4C	Z	-157.988	1
135	MP4C	Mx	-.086	1
136	MP4C	X	-91.214	7
137	MP4C	Z	-157.988	7
138	MP4C	Mx	-.086	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-47.205	.5
3	MP2A	Mx	.028	.5
4	MP2A	X	0	6.5
5	MP2A	Z	-47.205	6.5
6	MP2A	Mx	.028	6.5
7	MP2B	X	0	.5
8	MP2B	Z	-36.04	.5
9	MP2B	Mx	.005	.5
10	MP2B	X	0	6.5
11	MP2B	Z	-36.04	6.5
12	MP2B	Mx	.005	6.5
13	MP2C	X	0	.5
14	MP2C	Z	-45.464	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP2C	Mx	-.033	.5
16	MP2C	X	0	6.5
17	MP2C	Z	-45.464	6.5
18	MP2C	Mx	-.033	6.5
19	MP2A	X	0	.5
20	MP2A	Z	-47.205	.5
21	MP2A	Mx	-.028	.5
22	MP2A	X	0	6.5
23	MP2A	Z	-47.205	6.5
24	MP2A	Mx	-.028	6.5
25	MP2B	X	0	.5
26	MP2B	Z	-36.04	.5
27	MP2B	Mx	.026	.5
28	MP2B	X	0	6.5
29	MP2B	Z	-36.04	6.5
30	MP2B	Mx	.026	6.5
31	MP2C	X	0	.5
32	MP2C	Z	-45.464	.5
33	MP2C	Mx	.017	.5
34	MP2C	X	0	6.5
35	MP2C	Z	-45.464	6.5
36	MP2C	Mx	.017	6.5
37	MP3A	X	0	.1
38	MP3A	Z	-18.057	.1
39	MP3A	Mx	0	.1
40	MP3A	X	0	2.1
41	MP3A	Z	-18.057	2.1
42	MP3A	Mx	0	2.1
43	MP3B	X	0	.1
44	MP3B	Z	-10.267	.1
45	MP3B	Mx	.004	.1
46	MP3B	X	0	2.1
47	MP3B	Z	-10.267	2.1
48	MP3B	Mx	.004	2.1
49	MP3C	X	0	.1
50	MP3C	Z	-16.842	.1
51	MP3C	Mx	-.003	.1
52	MP3C	X	0	2.1
53	MP3C	Z	-16.842	2.1
54	MP3C	Mx	-.003	2.1
55	MP3A	X	0	4
56	MP3A	Z	-3.906	4
57	MP3A	Mx	0	4
58	MP3A	X	0	4.5
59	MP3A	Z	-3.906	4.5
60	MP3A	Mx	0	4.5
61	MP3B	X	0	4
62	MP3B	Z	-1.828	4
63	MP3B	Mx	.000792	4
64	MP3B	X	0	4.5
65	MP3B	Z	-1.828	4.5
66	MP3B	Mx	.000792	4.5
67	MP3C	X	0	4
68	MP3C	Z	-3.582	4
69	MP3C	Mx	-.000613	4
70	MP3C	X	0	4.5
71	MP3C	Z	-3.582	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP3C	Mx	-.000613	4.5
73	MP2A	X	0	1.5
74	MP2A	Z	-15.191	1.5
75	MP2A	Mx	0	1.5
76	MP2B	X	0	1.5
77	MP2B	Z	-11.713	1.5
78	MP2B	Mx	-.005	1.5
79	MP2C	X	0	1.5
80	MP2C	Z	-14.649	1.5
81	MP2C	Mx	.003	1.5
82	MP2A	X	0	4.5
83	MP2A	Z	-15.191	4.5
84	MP2A	Mx	0	4.5
85	MP2B	X	0	4.5
86	MP2B	Z	-10.391	4.5
87	MP2B	Mx	-.004	4.5
88	MP2C	X	0	4.5
89	MP2C	Z	-14.443	4.5
90	MP2C	Mx	.002	4.5
91	MP2A	X	0	3
92	MP2A	Z	-3.664	3
93	MP2A	Mx	0	3
94	MP2B	X	0	3
95	MP2B	Z	-4.568	3
96	MP2B	Mx	-.002	3
97	MP2C	X	0	3
98	MP2C	Z	-3.805	3
99	MP2C	Mx	.000651	3
100	M92	X	0	1
101	M92	Z	-25.234	1
102	M92	Mx	0	1
103	MP1A	X	0	1
104	MP1A	Z	-26.212	1
105	MP1A	Mx	-.004	1
106	MP1A	X	0	7
107	MP1A	Z	-26.212	7
108	MP1A	Mx	-.004	7
109	MP1B	X	0	1
110	MP1B	Z	-38.649	1
111	MP1B	Mx	.019	1
112	MP1B	X	0	7
113	MP1B	Z	-38.649	7
114	MP1B	Mx	.019	7
115	MP1C	X	0	1
116	MP1C	Z	-30.531	1
117	MP1C	Mx	-.01	1
118	MP1C	X	0	7
119	MP1C	Z	-30.531	7
120	MP1C	Mx	-.01	7
121	MP4A	X	0	1
122	MP4A	Z	-26.212	1
123	MP4A	Mx	-.004	1
124	MP4A	X	0	7
125	MP4A	Z	-26.212	7
126	MP4A	Mx	-.004	7
127	MP4B	X	0	1
128	MP4B	Z	-38.649	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
129	MP4B	Mx	.019	1
130	MP4B	X	0	7
131	MP4B	Z	-38.649	7
132	MP4B	Mx	.019	7
133	MP4C	X	0	1
134	MP4C	Z	-30.531	1
135	MP4C	Mx	-.01	1
136	MP4C	X	0	7
137	MP4C	Z	-30.531	7
138	MP4C	Mx	-.01	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	21.742	.5
2	MP2A	Z	-37.658	.5
3	MP2A	Mx	.011	.5
4	MP2A	X	21.742	6.5
5	MP2A	Z	-37.658	6.5
6	MP2A	Mx	.011	6.5
7	MP2B	X	16.159	.5
8	MP2B	Z	-27.988	.5
9	MP2B	Mx	.016	.5
10	MP2B	X	16.159	6.5
11	MP2B	Z	-27.988	6.5
12	MP2B	Mx	.016	6.5
13	MP2C	X	23.378	.5
14	MP2C	Z	-40.492	.5
15	MP2C	Mx	-.023	.5
16	MP2C	X	23.378	6.5
17	MP2C	Z	-40.492	6.5
18	MP2C	Mx	-.023	6.5
19	MP2A	X	21.742	.5
20	MP2A	Z	-37.658	.5
21	MP2A	Mx	-.033	.5
22	MP2A	X	21.742	6.5
23	MP2A	Z	-37.658	6.5
24	MP2A	Mx	-.033	6.5
25	MP2B	X	16.159	.5
26	MP2B	Z	-27.988	.5
27	MP2B	Mx	.016	.5
28	MP2B	X	16.159	6.5
29	MP2B	Z	-27.988	6.5
30	MP2B	Mx	.016	6.5
31	MP2C	X	23.378	.5
32	MP2C	Z	-40.492	.5
33	MP2C	Mx	.031	.5
34	MP2C	X	23.378	6.5
35	MP2C	Z	-40.492	6.5
36	MP2C	Mx	.031	6.5
37	MP3A	X	7.73	.1
38	MP3A	Z	-13.389	.1
39	MP3A	Mx	-.004	.1
40	MP3A	X	7.73	2.1
41	MP3A	Z	-13.389	2.1
42	MP3A	Mx	-.004	2.1
43	MP3B	X	3.835	.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3B	Z	-6.643	.1
45	MP3B	Mx	.004	.1
46	MP3B	X	3.835	2.1
47	MP3B	Z	-6.643	2.1
48	MP3B	Mx	.004	2.1
49	MP3C	X	8.872	.1
50	MP3C	Z	-15.366	.1
51	MP3C	Mx	.002	.1
52	MP3C	X	8.872	2.1
53	MP3C	Z	-15.366	2.1
54	MP3C	Mx	.002	2.1
55	MP3A	X	1.607	4
56	MP3A	Z	-2.783	4
57	MP3A	Mx	-.000804	4
58	MP3A	X	1.607	4.5
59	MP3A	Z	-2.783	4.5
60	MP3A	Mx	-.000804	4.5
61	MP3B	X	.568	4
62	MP3B	Z	-.984	4
63	MP3B	Mx	.000568	4
64	MP3B	X	.568	4.5
65	MP3B	Z	-.984	4.5
66	MP3B	Mx	.000568	4.5
67	MP3C	X	1.911	4
68	MP3C	Z	-3.31	4
69	MP3C	Mx	.000332	4
70	MP3C	X	1.911	4.5
71	MP3C	Z	-3.31	4.5
72	MP3C	Mx	.000332	4.5
73	MP2A	X	7.016	1.5
74	MP2A	Z	-12.152	1.5
75	MP2A	Mx	.004	1.5
76	MP2B	X	5.277	1.5
77	MP2B	Z	-9.14	1.5
78	MP2B	Mx	-.005	1.5
79	MP2C	X	7.526	1.5
80	MP2C	Z	-13.035	1.5
81	MP2C	Mx	-.001	1.5
82	MP2A	X	6.796	4.5
83	MP2A	Z	-11.77	4.5
84	MP2A	Mx	.003	4.5
85	MP2B	X	4.396	4.5
86	MP2B	Z	-7.613	4.5
87	MP2B	Mx	-.004	4.5
88	MP2C	X	7.499	4.5
89	MP2C	Z	-12.989	4.5
90	MP2C	Mx	-.001	4.5
91	MP2A	X	1.983	3
92	MP2A	Z	-3.434	3
93	MP2A	Mx	.000992	3
94	MP2B	X	2.435	3
95	MP2B	Z	-4.217	3
96	MP2B	Mx	-.002	3
97	MP2C	X	1.85	3
98	MP2C	Z	-3.205	3
99	MP2C	Mx	-.000321	3
100	M92	X	14.223	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	M92	Z	-24.634	1
102	M92	Mx	0	1
103	MP1A	X	16.532	1
104	MP1A	Z	-28.634	1
105	MP1A	Mx	-.013	1
106	MP1A	X	16.532	7
107	MP1A	Z	-28.634	7
108	MP1A	Mx	-.013	7
109	MP1B	X	18.692	1
110	MP1B	Z	-32.375	1
111	MP1B	Mx	.018	1
112	MP1B	X	18.692	7
113	MP1B	Z	-32.375	7
114	MP1B	Mx	.018	7
115	MP1C	X	12.473	1
116	MP1C	Z	-21.603	1
117	MP1C	Mx	-.002	1
118	MP1C	X	12.473	7
119	MP1C	Z	-21.603	7
120	MP1C	Mx	-.002	7
121	MP4A	X	16.532	1
122	MP4A	Z	-28.634	1
123	MP4A	Mx	-.013	1
124	MP4A	X	16.532	7
125	MP4A	Z	-28.634	7
126	MP4A	Mx	-.013	7
127	MP4B	X	18.692	1
128	MP4B	Z	-32.375	1
129	MP4B	Mx	.018	1
130	MP4B	X	18.692	7
131	MP4B	Z	-32.375	7
132	MP4B	Mx	.018	7
133	MP4C	X	12.473	1
134	MP4C	Z	-21.603	1
135	MP4C	Mx	-.002	1
136	MP4C	X	12.473	7
137	MP4C	Z	-21.603	7
138	MP4C	Mx	-.002	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	31.212	.5
2	MP2A	Z	-18.02	.5
3	MP2A	Mx	-.005	.5
4	MP2A	X	31.212	6.5
5	MP2A	Z	-18.02	6.5
6	MP2A	Mx	-.005	6.5
7	MP2B	X	31.212	.5
8	MP2B	Z	-18.02	.5
9	MP2B	Mx	.026	.5
10	MP2B	X	31.212	6.5
11	MP2B	Z	-18.02	6.5
12	MP2B	Mx	.026	6.5
13	MP2C	X	35.554	.5
14	MP2C	Z	-20.527	.5
15	MP2C	Mx	-.005	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP2C	X	35.554	6.5
17	MP2C	Z	-20.527	6.5
18	MP2C	Mx	-.005	6.5
19	MP2A	X	31.212	.5
20	MP2A	Z	-18.02	.5
21	MP2A	Mx	-.026	.5
22	MP2A	X	31.212	6.5
23	MP2A	Z	-18.02	6.5
24	MP2A	Mx	-.026	6.5
25	MP2B	X	31.212	.5
26	MP2B	Z	-18.02	.5
27	MP2B	Mx	.005	.5
28	MP2B	X	31.212	6.5
29	MP2B	Z	-18.02	6.5
30	MP2B	Mx	.005	6.5
31	MP2C	X	35.554	.5
32	MP2C	Z	-20.527	.5
33	MP2C	Mx	.032	.5
34	MP2C	X	35.554	6.5
35	MP2C	Z	-20.527	6.5
36	MP2C	Mx	.032	6.5
37	MP3A	X	8.891	.1
38	MP3A	Z	-5.133	.1
39	MP3A	Mx	-.004	.1
40	MP3A	X	8.891	2.1
41	MP3A	Z	-5.133	2.1
42	MP3A	Mx	-.004	2.1
43	MP3B	X	8.891	.1
44	MP3B	Z	-5.133	.1
45	MP3B	Mx	.004	.1
46	MP3B	X	8.891	2.1
47	MP3B	Z	-5.133	2.1
48	MP3B	Mx	.004	2.1
49	MP3C	X	11.921	.1
50	MP3C	Z	-6.883	.1
51	MP3C	Mx	.004	.1
52	MP3C	X	11.921	2.1
53	MP3C	Z	-6.883	2.1
54	MP3C	Mx	.004	2.1
55	MP3A	X	1.583	4
56	MP3A	Z	-.914	4
57	MP3A	Mx	-.000792	4
58	MP3A	X	1.583	4.5
59	MP3A	Z	-.914	4.5
60	MP3A	Mx	-.000792	4.5
61	MP3B	X	1.583	4
62	MP3B	Z	-.914	4
63	MP3B	Mx	.000792	4
64	MP3B	X	1.583	4.5
65	MP3B	Z	-.914	4.5
66	MP3B	Mx	.000792	4.5
67	MP3C	X	2.391	4
68	MP3C	Z	-1.381	4
69	MP3C	Mx	.000887	4
70	MP3C	X	2.391	4.5
71	MP3C	Z	-1.381	4.5
72	MP3C	Mx	.000887	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP2A	X	10.144	1.5
74	MP2A	Z	-5.856	1.5
75	MP2A	Mx	.005	1.5
76	MP2B	X	10.144	1.5
77	MP2B	Z	-5.856	1.5
78	MP2B	Mx	-.005	1.5
79	MP2C	X	11.497	1.5
80	MP2C	Z	-6.638	1.5
81	MP2C	Mx	-.004	1.5
82	MP2A	X	8.999	4.5
83	MP2A	Z	-5.196	4.5
84	MP2A	Mx	.004	4.5
85	MP2B	X	8.999	4.5
86	MP2B	Z	-5.196	4.5
87	MP2B	Mx	-.004	4.5
88	MP2C	X	10.866	4.5
89	MP2C	Z	-6.273	4.5
90	MP2C	Mx	-.004	4.5
91	MP2A	X	3.956	3
92	MP2A	Z	-2.284	3
93	MP2A	Mx	.002	3
94	MP2B	X	3.956	3
95	MP2B	Z	-2.284	3
96	MP2B	Mx	-.002	3
97	MP2C	X	3.605	3
98	MP2C	Z	-2.081	3
99	MP2C	Mx	-.001	3
100	M92	X	26.902	1
101	M92	Z	-15.532	1
102	M92	Mx	0	1
103	MP1A	X	33.471	1
104	MP1A	Z	-19.325	1
105	MP1A	Mx	-.019	1
106	MP1A	X	33.471	7
107	MP1A	Z	-19.325	7
108	MP1A	Mx	-.019	7
109	MP1B	X	26.441	1
110	MP1B	Z	-15.266	1
111	MP1B	Mx	.01	1
112	MP1B	X	26.441	7
113	MP1B	Z	-15.266	7
114	MP1B	Mx	.01	7
115	MP1C	X	22.7	1
116	MP1C	Z	-13.106	1
117	MP1C	Mx	.004	1
118	MP1C	X	22.7	7
119	MP1C	Z	-13.106	7
120	MP1C	Mx	.004	7
121	MP4A	X	33.471	1
122	MP4A	Z	-19.325	1
123	MP4A	Mx	-.019	1
124	MP4A	X	33.471	7
125	MP4A	Z	-19.325	7
126	MP4A	Mx	-.019	7
127	MP4B	X	26.441	1
128	MP4B	Z	-15.266	1
129	MP4B	Mx	.01	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
130	MP4B	X	26.441	7
131	MP4B	Z	-15.266	7
132	MP4B	Mx	.01	7
133	MP4C	X	22.7	1
134	MP4C	Z	-13.106	1
135	MP4C	Mx	.004	1
136	MP4C	X	22.7	7
137	MP4C	Z	-13.106	7
138	MP4C	Mx	.004	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	32.318	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.016	.5
4	MP2A	X	32.318	6.5
5	MP2A	Z	0	6.5
6	MP2A	Mx	-.016	6.5
7	MP2B	X	43.483	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.033	.5
10	MP2B	X	43.483	6.5
11	MP2B	Z	0	6.5
12	MP2B	Mx	.033	6.5
13	MP2C	X	34.06	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.009	.5
16	MP2C	X	34.06	6.5
17	MP2C	Z	0	6.5
18	MP2C	Mx	.009	6.5
19	MP2A	X	32.318	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.016	.5
22	MP2A	X	32.318	6.5
23	MP2A	Z	0	6.5
24	MP2A	Mx	-.016	6.5
25	MP2B	X	43.483	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.011	.5
28	MP2B	X	43.483	6.5
29	MP2B	Z	0	6.5
30	MP2B	Mx	-.011	6.5
31	MP2C	X	34.06	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.023	.5
34	MP2C	X	34.06	6.5
35	MP2C	Z	0	6.5
36	MP2C	Mx	.023	6.5
37	MP3A	X	7.67	.1
38	MP3A	Z	0	.1
39	MP3A	Mx	-.004	.1
40	MP3A	X	7.67	2.1
41	MP3A	Z	0	2.1
42	MP3A	Mx	-.004	2.1
43	MP3B	X	15.46	.1
44	MP3B	Z	0	.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3B	Mx	.004	.1
46	MP3B	X	15.46	2.1
47	MP3B	Z	0	2.1
48	MP3B	Mx	.004	2.1
49	MP3C	X	8.885	.1
50	MP3C	Z	0	.1
51	MP3C	Mx	.004	.1
52	MP3C	X	8.885	2.1
53	MP3C	Z	0	2.1
54	MP3C	Mx	.004	2.1
55	MP3A	X	1.136	4
56	MP3A	Z	0	4
57	MP3A	Mx	-.000568	4
58	MP3A	X	1.136	4.5
59	MP3A	Z	0	4.5
60	MP3A	Mx	-.000568	4.5
61	MP3B	X	3.213	4
62	MP3B	Z	0	4
63	MP3B	Mx	.000803	4
64	MP3B	X	3.213	4.5
65	MP3B	Z	0	4.5
66	MP3B	Mx	.000803	4.5
67	MP3C	X	1.46	4
68	MP3C	Z	0	4
69	MP3C	Mx	.000686	4
70	MP3C	X	1.46	4.5
71	MP3C	Z	0	4.5
72	MP3C	Mx	.000686	4.5
73	MP2A	X	10.554	1.5
74	MP2A	Z	0	1.5
75	MP2A	Mx	.005	1.5
76	MP2B	X	14.032	1.5
77	MP2B	Z	0	1.5
78	MP2B	Mx	-.004	1.5
79	MP2C	X	11.096	1.5
80	MP2C	Z	0	1.5
81	MP2C	Mx	-.005	1.5
82	MP2A	X	8.791	4.5
83	MP2A	Z	0	4.5
84	MP2A	Mx	.004	4.5
85	MP2B	X	13.591	4.5
86	MP2B	Z	0	4.5
87	MP2B	Mx	-.003	4.5
88	MP2C	X	9.54	4.5
89	MP2C	Z	0	4.5
90	MP2C	Mx	-.004	4.5
91	MP2A	X	4.87	3
92	MP2A	Z	0	3
93	MP2A	Mx	.002	3
94	MP2B	X	3.966	3
95	MP2B	Z	0	3
96	MP2B	Mx	-.000992	3
97	MP2C	X	4.729	3
98	MP2C	Z	0	3
99	MP2C	Mx	-.002	3
100	M92	X	30.47	1
101	M92	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	M92	Mx	0	1
103	MP1A	X	37.383	1
104	MP1A	Z	0	1
105	MP1A	Mx	-.018	1
106	MP1A	X	37.383	7
107	MP1A	Z	0	7
108	MP1A	Mx	-.018	7
109	MP1B	X	24.945	1
110	MP1B	Z	0	1
111	MP1B	Mx	.002	1
112	MP1B	X	24.945	7
113	MP1B	Z	0	7
114	MP1B	Mx	.002	7
115	MP1C	X	33.063	1
116	MP1C	Z	0	1
117	MP1C	Mx	.013	1
118	MP1C	X	33.063	7
119	MP1C	Z	0	7
120	MP1C	Mx	.013	7
121	MP4A	X	37.383	1
122	MP4A	Z	0	1
123	MP4A	Mx	-.018	1
124	MP4A	X	37.383	7
125	MP4A	Z	0	7
126	MP4A	Mx	-.018	7
127	MP4B	X	24.945	1
128	MP4B	Z	0	1
129	MP4B	Mx	.002	1
130	MP4B	X	24.945	7
131	MP4B	Z	0	7
132	MP4B	Mx	.002	7
133	MP4C	X	33.063	1
134	MP4C	Z	0	1
135	MP4C	Mx	.013	1
136	MP4C	X	33.063	7
137	MP4C	Z	0	7
138	MP4C	Mx	.013	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	31.212	.5
2	MP2A	Z	18.02	.5
3	MP2A	Mx	-.026	.5
4	MP2A	X	31.212	6.5
5	MP2A	Z	18.02	6.5
6	MP2A	Mx	-.026	6.5
7	MP2B	X	40.881	.5
8	MP2B	Z	23.603	.5
9	MP2B	Mx	.028	.5
10	MP2B	X	40.881	6.5
11	MP2B	Z	23.603	6.5
12	MP2B	Mx	.028	6.5
13	MP2C	X	28.377	.5
14	MP2C	Z	16.384	.5
15	MP2C	Mx	.019	.5
16	MP2C	X	28.377	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2C	Z	16.384	6.5
18	MP2C	Mx	.019	6.5
19	MP2A	X	31.212	.5
20	MP2A	Z	18.02	.5
21	MP2A	Mx	-.005	.5
22	MP2A	X	31.212	6.5
23	MP2A	Z	18.02	6.5
24	MP2A	Mx	-.005	6.5
25	MP2B	X	40.881	.5
26	MP2B	Z	23.603	.5
27	MP2B	Mx	-.028	.5
28	MP2B	X	40.881	6.5
29	MP2B	Z	23.603	6.5
30	MP2B	Mx	-.028	6.5
31	MP2C	X	28.377	.5
32	MP2C	Z	16.384	.5
33	MP2C	Mx	.013	.5
34	MP2C	X	28.377	6.5
35	MP2C	Z	16.384	6.5
36	MP2C	Mx	.013	6.5
37	MP3A	X	8.891	.1
38	MP3A	Z	5.133	.1
39	MP3A	Mx	-.004	.1
40	MP3A	X	8.891	2.1
41	MP3A	Z	5.133	2.1
42	MP3A	Mx	-.004	2.1
43	MP3B	X	15.637	.1
44	MP3B	Z	9.028	.1
45	MP3B	Mx	0	.1
46	MP3B	X	15.637	2.1
47	MP3B	Z	9.028	2.1
48	MP3B	Mx	0	2.1
49	MP3C	X	6.914	.1
50	MP3C	Z	3.992	.1
51	MP3C	Mx	.004	.1
52	MP3C	X	6.914	2.1
53	MP3C	Z	3.992	2.1
54	MP3C	Mx	.004	2.1
55	MP3A	X	1.583	4
56	MP3A	Z	.914	4
57	MP3A	Mx	-.000792	4
58	MP3A	X	1.583	4.5
59	MP3A	Z	.914	4.5
60	MP3A	Mx	-.000792	4.5
61	MP3B	X	3.382	4
62	MP3B	Z	1.953	4
63	MP3B	Mx	0	4
64	MP3B	X	3.382	4.5
65	MP3B	Z	1.953	4.5
66	MP3B	Mx	0	4.5
67	MP3C	X	1.056	4
68	MP3C	Z	.61	4
69	MP3C	Mx	.0006	4
70	MP3C	X	1.056	4.5
71	MP3C	Z	.61	4.5
72	MP3C	Mx	.0006	4.5
73	MP2A	X	10.144	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP2A	Z	5.856	1.5
75	MP2A	Mx	.005	1.5
76	MP2B	X	13.156	1.5
77	MP2B	Z	7.596	1.5
78	MP2B	Mx	0	1.5
79	MP2C	X	9.261	1.5
80	MP2C	Z	5.347	1.5
81	MP2C	Mx	-.005	1.5
82	MP2A	X	8.999	4.5
83	MP2A	Z	5.196	4.5
84	MP2A	Mx	.004	4.5
85	MP2B	X	13.156	4.5
86	MP2B	Z	7.596	4.5
87	MP2B	Mx	0	4.5
88	MP2C	X	7.781	4.5
89	MP2C	Z	4.492	4.5
90	MP2C	Mx	-.004	4.5
91	MP2A	X	3.956	3
92	MP2A	Z	2.284	3
93	MP2A	Mx	.002	3
94	MP2B	X	3.173	3
95	MP2B	Z	1.832	3
96	MP2B	Mx	0	3
97	MP2C	X	4.186	3
98	MP2C	Z	2.417	3
99	MP2C	Mx	-.002	3
100	M92	X	23.607	1
101	M92	Z	13.629	1
102	M92	Mx	0	1
103	MP1A	X	26.441	1
104	MP1A	Z	15.266	1
105	MP1A	Mx	-.01	1
106	MP1A	X	26.441	7
107	MP1A	Z	15.266	7
108	MP1A	Mx	-.01	7
109	MP1B	X	22.7	1
110	MP1B	Z	13.106	1
111	MP1B	Mx	-.004	1
112	MP1B	X	22.7	7
113	MP1B	Z	13.106	7
114	MP1B	Mx	-.004	7
115	MP1C	X	33.471	1
116	MP1C	Z	19.325	1
117	MP1C	Mx	.019	1
118	MP1C	X	33.471	7
119	MP1C	Z	19.325	7
120	MP1C	Mx	.019	7
121	MP4A	X	26.441	1
122	MP4A	Z	15.266	1
123	MP4A	Mx	-.01	1
124	MP4A	X	26.441	7
125	MP4A	Z	15.266	7
126	MP4A	Mx	-.01	7
127	MP4B	X	22.7	1
128	MP4B	Z	13.106	1
129	MP4B	Mx	-.004	1
130	MP4B	X	22.7	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
131	MP4B	Z	13.106	7
132	MP4B	Mx	-.004	7
133	MP4C	X	33.471	1
134	MP4C	Z	19.325	1
135	MP4C	Mx	.019	1
136	MP4C	X	33.471	7
137	MP4C	Z	19.325	7
138	MP4C	Mx	.019	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	21.742	.5
2	MP2A	Z	37.658	.5
3	MP2A	Mx	-.033	.5
4	MP2A	X	21.742	6.5
5	MP2A	Z	37.658	6.5
6	MP2A	Mx	-.033	6.5
7	MP2B	X	21.742	.5
8	MP2B	Z	37.658	.5
9	MP2B	Mx	.011	.5
10	MP2B	X	21.742	6.5
11	MP2B	Z	37.658	6.5
12	MP2B	Mx	.011	6.5
13	MP2C	X	19.235	.5
14	MP2C	Z	33.315	.5
15	MP2C	Mx	.029	.5
16	MP2C	X	19.235	6.5
17	MP2C	Z	33.315	6.5
18	MP2C	Mx	.029	6.5
19	MP2A	X	21.742	.5
20	MP2A	Z	37.658	.5
21	MP2A	Mx	.011	.5
22	MP2A	X	21.742	6.5
23	MP2A	Z	37.658	6.5
24	MP2A	Mx	.011	6.5
25	MP2B	X	21.742	.5
26	MP2B	Z	37.658	.5
27	MP2B	Mx	-.033	.5
28	MP2B	X	21.742	6.5
29	MP2B	Z	37.658	6.5
30	MP2B	Mx	-.033	6.5
31	MP2C	X	19.235	.5
32	MP2C	Z	33.315	.5
33	MP2C	Mx	.000311	.5
34	MP2C	X	19.235	6.5
35	MP2C	Z	33.315	6.5
36	MP2C	Mx	.000311	6.5
37	MP3A	X	7.73	.1
38	MP3A	Z	13.389	.1
39	MP3A	Mx	-.004	.1
40	MP3A	X	7.73	2.1
41	MP3A	Z	13.389	2.1
42	MP3A	Mx	-.004	2.1
43	MP3B	X	7.73	.1
44	MP3B	Z	13.389	.1
45	MP3B	Mx	-.004	.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP3B	X	7.73	2.1
47	MP3B	Z	13.389	2.1
48	MP3B	Mx	-.004	2.1
49	MP3C	X	5.981	.1
50	MP3C	Z	10.359	.1
51	MP3C	Mx	.005	.1
52	MP3C	X	5.981	2.1
53	MP3C	Z	10.359	2.1
54	MP3C	Mx	.005	2.1
55	MP3A	X	1.607	4
56	MP3A	Z	2.783	4
57	MP3A	Mx	-.000804	4
58	MP3A	X	1.607	4.5
59	MP3A	Z	2.783	4.5
60	MP3A	Mx	-.000804	4.5
61	MP3B	X	1.607	4
62	MP3B	Z	2.783	4
63	MP3B	Mx	-.000803	4
64	MP3B	X	1.607	4.5
65	MP3B	Z	2.783	4.5
66	MP3B	Mx	-.000803	4.5
67	MP3C	X	1.14	4
68	MP3C	Z	1.975	4
69	MP3C	Mx	.000873	4
70	MP3C	X	1.14	4.5
71	MP3C	Z	1.975	4.5
72	MP3C	Mx	.000873	4.5
73	MP2A	X	7.016	1.5
74	MP2A	Z	12.152	1.5
75	MP2A	Mx	.004	1.5
76	MP2B	X	7.016	1.5
77	MP2B	Z	12.152	1.5
78	MP2B	Mx	.004	1.5
79	MP2C	X	6.235	1.5
80	MP2C	Z	10.799	1.5
81	MP2C	Mx	-.005	1.5
82	MP2A	X	6.796	4.5
83	MP2A	Z	11.77	4.5
84	MP2A	Mx	.003	4.5
85	MP2B	X	6.796	4.5
86	MP2B	Z	11.77	4.5
87	MP2B	Mx	.003	4.5
88	MP2C	X	5.718	4.5
89	MP2C	Z	9.903	4.5
90	MP2C	Mx	-.004	4.5
91	MP2A	X	1.983	3
92	MP2A	Z	3.434	3
93	MP2A	Mx	.000992	3
94	MP2B	X	1.983	3
95	MP2B	Z	3.434	3
96	MP2B	Mx	.000991	3
97	MP2C	X	2.186	3
98	MP2C	Z	3.786	3
99	MP2C	Mx	-.002	3
100	M92	X	12.32	1
101	M92	Z	21.34	1
102	M92	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	MP1A	X	12.473	1
104	MP1A	Z	21.603	1
105	MP1A	Mx	-.002	1
106	MP1A	X	12.473	7
107	MP1A	Z	21.603	7
108	MP1A	Mx	-.002	7
109	MP1B	X	16.532	1
110	MP1B	Z	28.634	1
111	MP1B	Mx	-.013	1
112	MP1B	X	16.532	7
113	MP1B	Z	28.634	7
114	MP1B	Mx	-.013	7
115	MP1C	X	18.692	1
116	MP1C	Z	32.375	1
117	MP1C	Mx	.018	1
118	MP1C	X	18.692	7
119	MP1C	Z	32.375	7
120	MP1C	Mx	.018	7
121	MP4A	X	12.473	1
122	MP4A	Z	21.603	1
123	MP4A	Mx	-.002	1
124	MP4A	X	12.473	7
125	MP4A	Z	21.603	7
126	MP4A	Mx	-.002	7
127	MP4B	X	16.532	1
128	MP4B	Z	28.634	1
129	MP4B	Mx	-.013	1
130	MP4B	X	16.532	7
131	MP4B	Z	28.634	7
132	MP4B	Mx	-.013	7
133	MP4C	X	18.692	1
134	MP4C	Z	32.375	1
135	MP4C	Mx	.018	1
136	MP4C	X	18.692	7
137	MP4C	Z	32.375	7
138	MP4C	Mx	.018	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	47.205	.5
3	MP2A	Mx	-.028	.5
4	MP2A	X	0	6.5
5	MP2A	Z	47.205	6.5
6	MP2A	Mx	-.028	6.5
7	MP2B	X	0	.5
8	MP2B	Z	36.04	.5
9	MP2B	Mx	-.005	.5
10	MP2B	X	0	6.5
11	MP2B	Z	36.04	6.5
12	MP2B	Mx	-.005	6.5
13	MP2C	X	0	.5
14	MP2C	Z	45.464	.5
15	MP2C	Mx	.033	.5
16	MP2C	X	0	6.5
17	MP2C	Z	45.464	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	.033	6.5
19	MP2A	X	0	.5
20	MP2A	Z	47.205	.5
21	MP2A	Mx	.028	.5
22	MP2A	X	0	6.5
23	MP2A	Z	47.205	6.5
24	MP2A	Mx	.028	6.5
25	MP2B	X	0	.5
26	MP2B	Z	36.04	.5
27	MP2B	Mx	-.026	.5
28	MP2B	X	0	6.5
29	MP2B	Z	36.04	6.5
30	MP2B	Mx	-.026	6.5
31	MP2C	X	0	.5
32	MP2C	Z	45.464	.5
33	MP2C	Mx	-.017	.5
34	MP2C	X	0	6.5
35	MP2C	Z	45.464	6.5
36	MP2C	Mx	-.017	6.5
37	MP3A	X	0	.1
38	MP3A	Z	18.057	.1
39	MP3A	Mx	0	.1
40	MP3A	X	0	2.1
41	MP3A	Z	18.057	2.1
42	MP3A	Mx	0	2.1
43	MP3B	X	0	.1
44	MP3B	Z	10.267	.1
45	MP3B	Mx	-.004	.1
46	MP3B	X	0	2.1
47	MP3B	Z	10.267	2.1
48	MP3B	Mx	-.004	2.1
49	MP3C	X	0	.1
50	MP3C	Z	16.842	.1
51	MP3C	Mx	.003	.1
52	MP3C	X	0	2.1
53	MP3C	Z	16.842	2.1
54	MP3C	Mx	.003	2.1
55	MP3A	X	0	4
56	MP3A	Z	3.906	4
57	MP3A	Mx	0	4
58	MP3A	X	0	4.5
59	MP3A	Z	3.906	4.5
60	MP3A	Mx	0	4.5
61	MP3B	X	0	4
62	MP3B	Z	1.828	4
63	MP3B	Mx	-.000792	4
64	MP3B	X	0	4.5
65	MP3B	Z	1.828	4.5
66	MP3B	Mx	-.000792	4.5
67	MP3C	X	0	4
68	MP3C	Z	3.582	4
69	MP3C	Mx	.000613	4
70	MP3C	X	0	4.5
71	MP3C	Z	3.582	4.5
72	MP3C	Mx	.000613	4.5
73	MP2A	X	0	1.5
74	MP2A	Z	15.191	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2A	Mx	0	1.5
76	MP2B	X	0	1.5
77	MP2B	Z	11.713	1.5
78	MP2B	Mx	.005	1.5
79	MP2C	X	0	1.5
80	MP2C	Z	14.649	1.5
81	MP2C	Mx	-.003	1.5
82	MP2A	X	0	4.5
83	MP2A	Z	15.191	4.5
84	MP2A	Mx	0	4.5
85	MP2B	X	0	4.5
86	MP2B	Z	10.391	4.5
87	MP2B	Mx	.004	4.5
88	MP2C	X	0	4.5
89	MP2C	Z	14.443	4.5
90	MP2C	Mx	-.002	4.5
91	MP2A	X	0	3
92	MP2A	Z	3.664	3
93	MP2A	Mx	0	3
94	MP2B	X	0	3
95	MP2B	Z	4.568	3
96	MP2B	Mx	.002	3
97	MP2C	X	0	3
98	MP2C	Z	3.805	3
99	MP2C	Mx	-.000651	3
100	M92	X	0	1
101	M92	Z	25.234	1
102	M92	Mx	0	1
103	MP1A	X	0	1
104	MP1A	Z	26.212	1
105	MP1A	Mx	.004	1
106	MP1A	X	0	7
107	MP1A	Z	26.212	7
108	MP1A	Mx	.004	7
109	MP1B	X	0	1
110	MP1B	Z	38.649	1
111	MP1B	Mx	-.019	1
112	MP1B	X	0	7
113	MP1B	Z	38.649	7
114	MP1B	Mx	-.019	7
115	MP1C	X	0	1
116	MP1C	Z	30.531	1
117	MP1C	Mx	.01	1
118	MP1C	X	0	7
119	MP1C	Z	30.531	7
120	MP1C	Mx	.01	7
121	MP4A	X	0	1
122	MP4A	Z	26.212	1
123	MP4A	Mx	.004	1
124	MP4A	X	0	7
125	MP4A	Z	26.212	7
126	MP4A	Mx	.004	7
127	MP4B	X	0	1
128	MP4B	Z	38.649	1
129	MP4B	Mx	-.019	1
130	MP4B	X	0	7
131	MP4B	Z	38.649	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
132	MP4B	Mx	-.019	7
133	MP4C	X	0	1
134	MP4C	Z	30.531	1
135	MP4C	Mx	.01	1
136	MP4C	X	0	7
137	MP4C	Z	30.531	7
138	MP4C	Mx	.01	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-21.742	.5
2	MP2A	Z	37.658	.5
3	MP2A	Mx	-.011	.5
4	MP2A	X	-21.742	6.5
5	MP2A	Z	37.658	6.5
6	MP2A	Mx	-.011	6.5
7	MP2B	X	-16.159	.5
8	MP2B	Z	27.988	.5
9	MP2B	Mx	-.016	.5
10	MP2B	X	-16.159	6.5
11	MP2B	Z	27.988	6.5
12	MP2B	Mx	-.016	6.5
13	MP2C	X	-23.378	.5
14	MP2C	Z	40.492	.5
15	MP2C	Mx	.023	.5
16	MP2C	X	-23.378	6.5
17	MP2C	Z	40.492	6.5
18	MP2C	Mx	.023	6.5
19	MP2A	X	-21.742	.5
20	MP2A	Z	37.658	.5
21	MP2A	Mx	.033	.5
22	MP2A	X	-21.742	6.5
23	MP2A	Z	37.658	6.5
24	MP2A	Mx	.033	6.5
25	MP2B	X	-16.159	.5
26	MP2B	Z	27.988	.5
27	MP2B	Mx	-.016	.5
28	MP2B	X	-16.159	6.5
29	MP2B	Z	27.988	6.5
30	MP2B	Mx	-.016	6.5
31	MP2C	X	-23.378	.5
32	MP2C	Z	40.492	.5
33	MP2C	Mx	-.031	.5
34	MP2C	X	-23.378	6.5
35	MP2C	Z	40.492	6.5
36	MP2C	Mx	-.031	6.5
37	MP3A	X	-7.73	.1
38	MP3A	Z	13.389	.1
39	MP3A	Mx	.004	.1
40	MP3A	X	-7.73	2.1
41	MP3A	Z	13.389	2.1
42	MP3A	Mx	.004	2.1
43	MP3B	X	-3.835	.1
44	MP3B	Z	6.643	.1
45	MP3B	Mx	-.004	.1
46	MP3B	X	-3.835	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP3B	Z	6.643	2.1
48	MP3B	Mx	-.004	2.1
49	MP3C	X	-8.872	.1
50	MP3C	Z	15.366	.1
51	MP3C	Mx	-.002	.1
52	MP3C	X	-8.872	2.1
53	MP3C	Z	15.366	2.1
54	MP3C	Mx	-.002	2.1
55	MP3A	X	-1.607	4
56	MP3A	Z	2.783	4
57	MP3A	Mx	.000804	4
58	MP3A	X	-1.607	4.5
59	MP3A	Z	2.783	4.5
60	MP3A	Mx	.000804	4.5
61	MP3B	X	-.568	4
62	MP3B	Z	.984	4
63	MP3B	Mx	-.000568	4
64	MP3B	X	-.568	4.5
65	MP3B	Z	.984	4.5
66	MP3B	Mx	-.000568	4.5
67	MP3C	X	-1.911	4
68	MP3C	Z	3.31	4
69	MP3C	Mx	-.000332	4
70	MP3C	X	-1.911	4.5
71	MP3C	Z	3.31	4.5
72	MP3C	Mx	-.000332	4.5
73	MP2A	X	-7.016	1.5
74	MP2A	Z	12.152	1.5
75	MP2A	Mx	-.004	1.5
76	MP2B	X	-5.277	1.5
77	MP2B	Z	9.14	1.5
78	MP2B	Mx	.005	1.5
79	MP2C	X	-7.526	1.5
80	MP2C	Z	13.035	1.5
81	MP2C	Mx	.001	1.5
82	MP2A	X	-6.796	4.5
83	MP2A	Z	11.77	4.5
84	MP2A	Mx	-.003	4.5
85	MP2B	X	-4.396	4.5
86	MP2B	Z	7.613	4.5
87	MP2B	Mx	.004	4.5
88	MP2C	X	-7.499	4.5
89	MP2C	Z	12.989	4.5
90	MP2C	Mx	.001	4.5
91	MP2A	X	-1.983	3
92	MP2A	Z	3.434	3
93	MP2A	Mx	-.000992	3
94	MP2B	X	-2.435	3
95	MP2B	Z	4.217	3
96	MP2B	Mx	.002	3
97	MP2C	X	-1.85	3
98	MP2C	Z	3.205	3
99	MP2C	Mx	.000321	3
100	M92	X	-14.223	1
101	M92	Z	24.634	1
102	M92	Mx	0	1
103	MP1A	X	-16.532	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
104	MP1A	Z	28.634	1
105	MP1A	Mx	.013	1
106	MP1A	X	-16.532	7
107	MP1A	Z	28.634	7
108	MP1A	Mx	.013	7
109	MP1B	X	-18.692	1
110	MP1B	Z	32.375	1
111	MP1B	Mx	-.018	1
112	MP1B	X	-18.692	7
113	MP1B	Z	32.375	7
114	MP1B	Mx	-.018	7
115	MP1C	X	-12.473	1
116	MP1C	Z	21.603	1
117	MP1C	Mx	.002	1
118	MP1C	X	-12.473	7
119	MP1C	Z	21.603	7
120	MP1C	Mx	.002	7
121	MP4A	X	-16.532	1
122	MP4A	Z	28.634	1
123	MP4A	Mx	.013	1
124	MP4A	X	-16.532	7
125	MP4A	Z	28.634	7
126	MP4A	Mx	.013	7
127	MP4B	X	-18.692	1
128	MP4B	Z	32.375	1
129	MP4B	Mx	-.018	1
130	MP4B	X	-18.692	7
131	MP4B	Z	32.375	7
132	MP4B	Mx	-.018	7
133	MP4C	X	-12.473	1
134	MP4C	Z	21.603	1
135	MP4C	Mx	.002	1
136	MP4C	X	-12.473	7
137	MP4C	Z	21.603	7
138	MP4C	Mx	.002	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-31.212	.5
2	MP2A	Z	18.02	.5
3	MP2A	Mx	.005	.5
4	MP2A	X	-31.212	6.5
5	MP2A	Z	18.02	6.5
6	MP2A	Mx	.005	6.5
7	MP2B	X	-31.212	.5
8	MP2B	Z	18.02	.5
9	MP2B	Mx	-.026	.5
10	MP2B	X	-31.212	6.5
11	MP2B	Z	18.02	6.5
12	MP2B	Mx	-.026	6.5
13	MP2C	X	-35.554	.5
14	MP2C	Z	20.527	.5
15	MP2C	Mx	.005	.5
16	MP2C	X	-35.554	6.5
17	MP2C	Z	20.527	6.5
18	MP2C	Mx	.005	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP2A	X	-31.212	.5
20	MP2A	Z	18.02	.5
21	MP2A	Mx	.026	.5
22	MP2A	X	-31.212	6.5
23	MP2A	Z	18.02	6.5
24	MP2A	Mx	.026	6.5
25	MP2B	X	-31.212	.5
26	MP2B	Z	18.02	.5
27	MP2B	Mx	-.005	.5
28	MP2B	X	-31.212	6.5
29	MP2B	Z	18.02	6.5
30	MP2B	Mx	-.005	6.5
31	MP2C	X	-35.554	.5
32	MP2C	Z	20.527	.5
33	MP2C	Mx	-.032	.5
34	MP2C	X	-35.554	6.5
35	MP2C	Z	20.527	6.5
36	MP2C	Mx	-.032	6.5
37	MP3A	X	-8.891	.1
38	MP3A	Z	5.133	.1
39	MP3A	Mx	.004	.1
40	MP3A	X	-8.891	2.1
41	MP3A	Z	5.133	2.1
42	MP3A	Mx	.004	2.1
43	MP3B	X	-8.891	.1
44	MP3B	Z	5.133	.1
45	MP3B	Mx	-.004	.1
46	MP3B	X	-8.891	2.1
47	MP3B	Z	5.133	2.1
48	MP3B	Mx	-.004	2.1
49	MP3C	X	-11.921	.1
50	MP3C	Z	6.883	.1
51	MP3C	Mx	-.004	.1
52	MP3C	X	-11.921	2.1
53	MP3C	Z	6.883	2.1
54	MP3C	Mx	-.004	2.1
55	MP3A	X	-1.583	4
56	MP3A	Z	.914	4
57	MP3A	Mx	.000792	4
58	MP3A	X	-1.583	4.5
59	MP3A	Z	.914	4.5
60	MP3A	Mx	.000792	4.5
61	MP3B	X	-1.583	4
62	MP3B	Z	.914	4
63	MP3B	Mx	-.000792	4
64	MP3B	X	-1.583	4.5
65	MP3B	Z	.914	4.5
66	MP3B	Mx	-.000792	4.5
67	MP3C	X	-2.391	4
68	MP3C	Z	1.381	4
69	MP3C	Mx	-.000887	4
70	MP3C	X	-2.391	4.5
71	MP3C	Z	1.381	4.5
72	MP3C	Mx	-.000887	4.5
73	MP2A	X	-10.144	1.5
74	MP2A	Z	5.856	1.5
75	MP2A	Mx	-.005	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP2B	X	-10.144	1.5
77	MP2B	Z	5.856	1.5
78	MP2B	Mx	.005	1.5
79	MP2C	X	-11.497	1.5
80	MP2C	Z	6.638	1.5
81	MP2C	Mx	.004	1.5
82	MP2A	X	-8.999	4.5
83	MP2A	Z	5.196	4.5
84	MP2A	Mx	-.004	4.5
85	MP2B	X	-8.999	4.5
86	MP2B	Z	5.196	4.5
87	MP2B	Mx	.004	4.5
88	MP2C	X	-10.866	4.5
89	MP2C	Z	6.273	4.5
90	MP2C	Mx	.004	4.5
91	MP2A	X	-3.956	3
92	MP2A	Z	2.284	3
93	MP2A	Mx	-.002	3
94	MP2B	X	-3.956	3
95	MP2B	Z	2.284	3
96	MP2B	Mx	.002	3
97	MP2C	X	-3.605	3
98	MP2C	Z	2.081	3
99	MP2C	Mx	.001	3
100	M92	X	-26.902	1
101	M92	Z	15.532	1
102	M92	Mx	0	1
103	MP1A	X	-33.471	1
104	MP1A	Z	19.325	1
105	MP1A	Mx	.019	1
106	MP1A	X	-33.471	7
107	MP1A	Z	19.325	7
108	MP1A	Mx	.019	7
109	MP1B	X	-26.441	1
110	MP1B	Z	15.266	1
111	MP1B	Mx	-.01	1
112	MP1B	X	-26.441	7
113	MP1B	Z	15.266	7
114	MP1B	Mx	-.01	7
115	MP1C	X	-22.7	1
116	MP1C	Z	13.106	1
117	MP1C	Mx	-.004	1
118	MP1C	X	-22.7	7
119	MP1C	Z	13.106	7
120	MP1C	Mx	-.004	7
121	MP4A	X	-33.471	1
122	MP4A	Z	19.325	1
123	MP4A	Mx	.019	1
124	MP4A	X	-33.471	7
125	MP4A	Z	19.325	7
126	MP4A	Mx	.019	7
127	MP4B	X	-26.441	1
128	MP4B	Z	15.266	1
129	MP4B	Mx	-.01	1
130	MP4B	X	-26.441	7
131	MP4B	Z	15.266	7
132	MP4B	Mx	-.01	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
133	MP4C	X	-22.7	1
134	MP4C	Z	13.106	1
135	MP4C	Mx	-.004	1
136	MP4C	X	-22.7	7
137	MP4C	Z	13.106	7
138	MP4C	Mx	-.004	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-32.318	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.016	.5
4	MP2A	X	-32.318	6.5
5	MP2A	Z	0	6.5
6	MP2A	Mx	.016	6.5
7	MP2B	X	-43.483	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.033	.5
10	MP2B	X	-43.483	6.5
11	MP2B	Z	0	6.5
12	MP2B	Mx	-.033	6.5
13	MP2C	X	-34.06	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.009	.5
16	MP2C	X	-34.06	6.5
17	MP2C	Z	0	6.5
18	MP2C	Mx	-.009	6.5
19	MP2A	X	-32.318	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.016	.5
22	MP2A	X	-32.318	6.5
23	MP2A	Z	0	6.5
24	MP2A	Mx	.016	6.5
25	MP2B	X	-43.483	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.011	.5
28	MP2B	X	-43.483	6.5
29	MP2B	Z	0	6.5
30	MP2B	Mx	.011	6.5
31	MP2C	X	-34.06	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.023	.5
34	MP2C	X	-34.06	6.5
35	MP2C	Z	0	6.5
36	MP2C	Mx	-.023	6.5
37	MP3A	X	-7.67	.1
38	MP3A	Z	0	.1
39	MP3A	Mx	.004	.1
40	MP3A	X	-7.67	2.1
41	MP3A	Z	0	2.1
42	MP3A	Mx	.004	2.1
43	MP3B	X	-15.46	.1
44	MP3B	Z	0	.1
45	MP3B	Mx	-.004	.1
46	MP3B	X	-15.46	2.1
47	MP3B	Z	0	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP3B	Mx	-.004	2.1
49	MP3C	X	-8.885	.1
50	MP3C	Z	0	.1
51	MP3C	Mx	-.004	.1
52	MP3C	X	-8.885	2.1
53	MP3C	Z	0	2.1
54	MP3C	Mx	-.004	2.1
55	MP3A	X	-1.136	4
56	MP3A	Z	0	4
57	MP3A	Mx	.000568	4
58	MP3A	X	-1.136	4.5
59	MP3A	Z	0	4.5
60	MP3A	Mx	.000568	4.5
61	MP3B	X	-3.213	4
62	MP3B	Z	0	4
63	MP3B	Mx	-.000803	4
64	MP3B	X	-3.213	4.5
65	MP3B	Z	0	4.5
66	MP3B	Mx	-.000803	4.5
67	MP3C	X	-1.46	4
68	MP3C	Z	0	4
69	MP3C	Mx	-.000686	4
70	MP3C	X	-1.46	4.5
71	MP3C	Z	0	4.5
72	MP3C	Mx	-.000686	4.5
73	MP2A	X	-10.554	1.5
74	MP2A	Z	0	1.5
75	MP2A	Mx	-.005	1.5
76	MP2B	X	-14.032	1.5
77	MP2B	Z	0	1.5
78	MP2B	Mx	.004	1.5
79	MP2C	X	-11.096	1.5
80	MP2C	Z	0	1.5
81	MP2C	Mx	.005	1.5
82	MP2A	X	-8.791	4.5
83	MP2A	Z	0	4.5
84	MP2A	Mx	-.004	4.5
85	MP2B	X	-13.591	4.5
86	MP2B	Z	0	4.5
87	MP2B	Mx	.003	4.5
88	MP2C	X	-9.54	4.5
89	MP2C	Z	0	4.5
90	MP2C	Mx	.004	4.5
91	MP2A	X	-4.87	3
92	MP2A	Z	0	3
93	MP2A	Mx	-.002	3
94	MP2B	X	-3.966	3
95	MP2B	Z	0	3
96	MP2B	Mx	.000992	3
97	MP2C	X	-4.729	3
98	MP2C	Z	0	3
99	MP2C	Mx	.002	3
100	M92	X	-30.47	1
101	M92	Z	0	1
102	M92	Mx	0	1
103	MP1A	X	-37.383	1
104	MP1A	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP1A	Mx	.018	1
106	MP1A	X	-37.383	7
107	MP1A	Z	0	7
108	MP1A	Mx	.018	7
109	MP1B	X	-24.945	1
110	MP1B	Z	0	1
111	MP1B	Mx	-.002	1
112	MP1B	X	-24.945	7
113	MP1B	Z	0	7
114	MP1B	Mx	-.002	7
115	MP1C	X	-33.063	1
116	MP1C	Z	0	1
117	MP1C	Mx	-.013	1
118	MP1C	X	-33.063	7
119	MP1C	Z	0	7
120	MP1C	Mx	-.013	7
121	MP4A	X	-37.383	1
122	MP4A	Z	0	1
123	MP4A	Mx	.018	1
124	MP4A	X	-37.383	7
125	MP4A	Z	0	7
126	MP4A	Mx	.018	7
127	MP4B	X	-24.945	1
128	MP4B	Z	0	1
129	MP4B	Mx	-.002	1
130	MP4B	X	-24.945	7
131	MP4B	Z	0	7
132	MP4B	Mx	-.002	7
133	MP4C	X	-33.063	1
134	MP4C	Z	0	1
135	MP4C	Mx	-.013	1
136	MP4C	X	-33.063	7
137	MP4C	Z	0	7
138	MP4C	Mx	-.013	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-31.212	.5
2	MP2A	Z	-18.02	.5
3	MP2A	Mx	.026	.5
4	MP2A	X	-31.212	6.5
5	MP2A	Z	-18.02	6.5
6	MP2A	Mx	.026	6.5
7	MP2B	X	-40.881	.5
8	MP2B	Z	-23.603	.5
9	MP2B	Mx	-.028	.5
10	MP2B	X	-40.881	6.5
11	MP2B	Z	-23.603	6.5
12	MP2B	Mx	-.028	6.5
13	MP2C	X	-28.377	.5
14	MP2C	Z	-16.384	.5
15	MP2C	Mx	-.019	.5
16	MP2C	X	-28.377	6.5
17	MP2C	Z	-16.384	6.5
18	MP2C	Mx	-.019	6.5
19	MP2A	X	-31.212	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP2A	Z	-18.02	.5
21	MP2A	Mx	.005	.5
22	MP2A	X	-31.212	6.5
23	MP2A	Z	-18.02	6.5
24	MP2A	Mx	.005	6.5
25	MP2B	X	-40.881	.5
26	MP2B	Z	-23.603	.5
27	MP2B	Mx	.028	.5
28	MP2B	X	-40.881	6.5
29	MP2B	Z	-23.603	6.5
30	MP2B	Mx	.028	6.5
31	MP2C	X	-28.377	.5
32	MP2C	Z	-16.384	.5
33	MP2C	Mx	-.013	.5
34	MP2C	X	-28.377	6.5
35	MP2C	Z	-16.384	6.5
36	MP2C	Mx	-.013	6.5
37	MP3A	X	-8.891	.1
38	MP3A	Z	-5.133	.1
39	MP3A	Mx	.004	.1
40	MP3A	X	-8.891	2.1
41	MP3A	Z	-5.133	2.1
42	MP3A	Mx	.004	2.1
43	MP3B	X	-15.637	.1
44	MP3B	Z	-9.028	.1
45	MP3B	Mx	0	.1
46	MP3B	X	-15.637	2.1
47	MP3B	Z	-9.028	2.1
48	MP3B	Mx	0	2.1
49	MP3C	X	-6.914	.1
50	MP3C	Z	-3.992	.1
51	MP3C	Mx	-.004	.1
52	MP3C	X	-6.914	2.1
53	MP3C	Z	-3.992	2.1
54	MP3C	Mx	-.004	2.1
55	MP3A	X	-1.583	4
56	MP3A	Z	-.914	4
57	MP3A	Mx	.000792	4
58	MP3A	X	-1.583	4.5
59	MP3A	Z	-.914	4.5
60	MP3A	Mx	.000792	4.5
61	MP3B	X	-3.382	4
62	MP3B	Z	-1.953	4
63	MP3B	Mx	0	4
64	MP3B	X	-3.382	4.5
65	MP3B	Z	-1.953	4.5
66	MP3B	Mx	0	4.5
67	MP3C	X	-1.056	4
68	MP3C	Z	-.61	4
69	MP3C	Mx	-.0006	4
70	MP3C	X	-1.056	4.5
71	MP3C	Z	-.61	4.5
72	MP3C	Mx	-.0006	4.5
73	MP2A	X	-10.144	1.5
74	MP2A	Z	-5.856	1.5
75	MP2A	Mx	-.005	1.5
76	MP2B	X	-13.156	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP2B	Z	-7.596	1.5
78	MP2B	Mx	0	1.5
79	MP2C	X	-9.261	1.5
80	MP2C	Z	-5.347	1.5
81	MP2C	Mx	.005	1.5
82	MP2A	X	-8.999	4.5
83	MP2A	Z	-5.196	4.5
84	MP2A	Mx	-.004	4.5
85	MP2B	X	-13.156	4.5
86	MP2B	Z	-7.596	4.5
87	MP2B	Mx	0	4.5
88	MP2C	X	-7.781	4.5
89	MP2C	Z	-4.492	4.5
90	MP2C	Mx	.004	4.5
91	MP2A	X	-3.956	3
92	MP2A	Z	-2.284	3
93	MP2A	Mx	-.002	3
94	MP2B	X	-3.173	3
95	MP2B	Z	-1.832	3
96	MP2B	Mx	0	3
97	MP2C	X	-4.186	3
98	MP2C	Z	-2.417	3
99	MP2C	Mx	.002	3
100	M92	X	-23.607	1
101	M92	Z	-13.629	1
102	M92	Mx	0	1
103	MP1A	X	-26.441	1
104	MP1A	Z	-15.266	1
105	MP1A	Mx	.01	1
106	MP1A	X	-26.441	7
107	MP1A	Z	-15.266	7
108	MP1A	Mx	.01	7
109	MP1B	X	-22.7	1
110	MP1B	Z	-13.106	1
111	MP1B	Mx	.004	1
112	MP1B	X	-22.7	7
113	MP1B	Z	-13.106	7
114	MP1B	Mx	.004	7
115	MP1C	X	-33.471	1
116	MP1C	Z	-19.325	1
117	MP1C	Mx	-.019	1
118	MP1C	X	-33.471	7
119	MP1C	Z	-19.325	7
120	MP1C	Mx	-.019	7
121	MP4A	X	-26.441	1
122	MP4A	Z	-15.266	1
123	MP4A	Mx	.01	1
124	MP4A	X	-26.441	7
125	MP4A	Z	-15.266	7
126	MP4A	Mx	.01	7
127	MP4B	X	-22.7	1
128	MP4B	Z	-13.106	1
129	MP4B	Mx	.004	1
130	MP4B	X	-22.7	7
131	MP4B	Z	-13.106	7
132	MP4B	Mx	.004	7
133	MP4C	X	-33.471	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
134	MP4C	Z	-19.325	1
135	MP4C	Mx	-.019	1
136	MP4C	X	-33.471	7
137	MP4C	Z	-19.325	7
138	MP4C	Mx	-.019	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-21.742	.5
2	MP2A	Z	-37.658	.5
3	MP2A	Mx	.033	.5
4	MP2A	X	-21.742	6.5
5	MP2A	Z	-37.658	6.5
6	MP2A	Mx	.033	6.5
7	MP2B	X	-21.742	.5
8	MP2B	Z	-37.658	.5
9	MP2B	Mx	-.011	.5
10	MP2B	X	-21.742	6.5
11	MP2B	Z	-37.658	6.5
12	MP2B	Mx	-.011	6.5
13	MP2C	X	-19.235	.5
14	MP2C	Z	-33.315	.5
15	MP2C	Mx	-.029	.5
16	MP2C	X	-19.235	6.5
17	MP2C	Z	-33.315	6.5
18	MP2C	Mx	-.029	6.5
19	MP2A	X	-21.742	.5
20	MP2A	Z	-37.658	.5
21	MP2A	Mx	-.011	.5
22	MP2A	X	-21.742	6.5
23	MP2A	Z	-37.658	6.5
24	MP2A	Mx	-.011	6.5
25	MP2B	X	-21.742	.5
26	MP2B	Z	-37.658	.5
27	MP2B	Mx	.033	.5
28	MP2B	X	-21.742	6.5
29	MP2B	Z	-37.658	6.5
30	MP2B	Mx	.033	6.5
31	MP2C	X	-19.235	.5
32	MP2C	Z	-33.315	.5
33	MP2C	Mx	-.000311	.5
34	MP2C	X	-19.235	6.5
35	MP2C	Z	-33.315	6.5
36	MP2C	Mx	-.000311	6.5
37	MP3A	X	-7.73	.1
38	MP3A	Z	-13.389	.1
39	MP3A	Mx	.004	.1
40	MP3A	X	-7.73	2.1
41	MP3A	Z	-13.389	2.1
42	MP3A	Mx	.004	2.1
43	MP3B	X	-7.73	.1
44	MP3B	Z	-13.389	.1
45	MP3B	Mx	.004	.1
46	MP3B	X	-7.73	2.1
47	MP3B	Z	-13.389	2.1
48	MP3B	Mx	.004	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3C	X	-5.981	.1
50	MP3C	Z	-10.359	.1
51	MP3C	Mx	-.005	.1
52	MP3C	X	-5.981	2.1
53	MP3C	Z	-10.359	2.1
54	MP3C	Mx	-.005	2.1
55	MP3A	X	-1.607	4
56	MP3A	Z	-2.783	4
57	MP3A	Mx	.000804	4
58	MP3A	X	-1.607	4.5
59	MP3A	Z	-2.783	4.5
60	MP3A	Mx	.000804	4.5
61	MP3B	X	-1.607	4
62	MP3B	Z	-2.783	4
63	MP3B	Mx	.000803	4
64	MP3B	X	-1.607	4.5
65	MP3B	Z	-2.783	4.5
66	MP3B	Mx	.000803	4.5
67	MP3C	X	-1.14	4
68	MP3C	Z	-1.975	4
69	MP3C	Mx	-.000873	4
70	MP3C	X	-1.14	4.5
71	MP3C	Z	-1.975	4.5
72	MP3C	Mx	-.000873	4.5
73	MP2A	X	-7.016	1.5
74	MP2A	Z	-12.152	1.5
75	MP2A	Mx	-.004	1.5
76	MP2B	X	-7.016	1.5
77	MP2B	Z	-12.152	1.5
78	MP2B	Mx	-.004	1.5
79	MP2C	X	-6.235	1.5
80	MP2C	Z	-10.799	1.5
81	MP2C	Mx	.005	1.5
82	MP2A	X	-6.796	4.5
83	MP2A	Z	-11.77	4.5
84	MP2A	Mx	-.003	4.5
85	MP2B	X	-6.796	4.5
86	MP2B	Z	-11.77	4.5
87	MP2B	Mx	-.003	4.5
88	MP2C	X	-5.718	4.5
89	MP2C	Z	-9.903	4.5
90	MP2C	Mx	.004	4.5
91	MP2A	X	-1.983	3
92	MP2A	Z	-3.434	3
93	MP2A	Mx	-.000992	3
94	MP2B	X	-1.983	3
95	MP2B	Z	-3.434	3
96	MP2B	Mx	-.000991	3
97	MP2C	X	-2.186	3
98	MP2C	Z	-3.786	3
99	MP2C	Mx	.002	3
100	M92	X	-12.32	1
101	M92	Z	-21.34	1
102	M92	Mx	0	1
103	MP1A	X	-12.473	1
104	MP1A	Z	-21.603	1
105	MP1A	Mx	.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP1A	X	-12.473	7
107	MP1A	Z	-21.603	7
108	MP1A	Mx	.002	7
109	MP1B	X	-16.532	1
110	MP1B	Z	-28.634	1
111	MP1B	Mx	.013	1
112	MP1B	X	-16.532	7
113	MP1B	Z	-28.634	7
114	MP1B	Mx	.013	7
115	MP1C	X	-18.692	1
116	MP1C	Z	-32.375	1
117	MP1C	Mx	-.018	1
118	MP1C	X	-18.692	7
119	MP1C	Z	-32.375	7
120	MP1C	Mx	-.018	7
121	MP4A	X	-12.473	1
122	MP4A	Z	-21.603	1
123	MP4A	Mx	.002	1
124	MP4A	X	-12.473	7
125	MP4A	Z	-21.603	7
126	MP4A	Mx	.002	7
127	MP4B	X	-16.532	1
128	MP4B	Z	-28.634	1
129	MP4B	Mx	.013	1
130	MP4B	X	-16.532	7
131	MP4B	Z	-28.634	7
132	MP4B	Mx	.013	7
133	MP4C	X	-18.692	1
134	MP4C	Z	-32.375	1
135	MP4C	Mx	-.018	1
136	MP4C	X	-18.692	7
137	MP4C	Z	-32.375	7
138	MP4C	Mx	-.018	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-15.742	.5
3	MP2A	Mx	.009	.5
4	MP2A	X	0	6.5
5	MP2A	Z	-15.742	6.5
6	MP2A	Mx	.009	6.5
7	MP2B	X	0	.5
8	MP2B	Z	-11.749	.5
9	MP2B	Mx	.002	.5
10	MP2B	X	0	6.5
11	MP2B	Z	-11.749	6.5
12	MP2B	Mx	.002	6.5
13	MP2C	X	0	.5
14	MP2C	Z	-15.119	.5
15	MP2C	Mx	-.011	.5
16	MP2C	X	0	6.5
17	MP2C	Z	-15.119	6.5
18	MP2C	Mx	-.011	6.5
19	MP2A	X	0	.5
20	MP2A	Z	-15.742	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP2A	Mx	-.009	.5
22	MP2A	X	0	6.5
23	MP2A	Z	-15.742	6.5
24	MP2A	Mx	-.009	6.5
25	MP2B	X	0	.5
26	MP2B	Z	-11.749	.5
27	MP2B	Mx	.009	.5
28	MP2B	X	0	6.5
29	MP2B	Z	-11.749	6.5
30	MP2B	Mx	.009	6.5
31	MP2C	X	0	.5
32	MP2C	Z	-15.119	.5
33	MP2C	Mx	.006	.5
34	MP2C	X	0	6.5
35	MP2C	Z	-15.119	6.5
36	MP2C	Mx	.006	6.5
37	MP3A	X	0	.1
38	MP3A	Z	-5.776	.1
39	MP3A	Mx	0	.1
40	MP3A	X	0	2.1
41	MP3A	Z	-5.776	2.1
42	MP3A	Mx	0	2.1
43	MP3B	X	0	.1
44	MP3B	Z	-3.14	.1
45	MP3B	Mx	.001	.1
46	MP3B	X	0	2.1
47	MP3B	Z	-3.14	2.1
48	MP3B	Mx	.001	2.1
49	MP3C	X	0	.1
50	MP3C	Z	-5.365	.1
51	MP3C	Mx	-.000917	.1
52	MP3C	X	0	2.1
53	MP3C	Z	-5.365	2.1
54	MP3C	Mx	-.000917	2.1
55	MP3A	X	0	4
56	MP3A	Z	-1.094	4
57	MP3A	Mx	0	4
58	MP3A	X	0	4.5
59	MP3A	Z	-1.094	4.5
60	MP3A	Mx	0	4.5
61	MP3B	X	0	4
62	MP3B	Z	-.434	4
63	MP3B	Mx	.000188	4
64	MP3B	X	0	4.5
65	MP3B	Z	-.434	4.5
66	MP3B	Mx	.000188	4.5
67	MP3C	X	0	4
68	MP3C	Z	-.991	4
69	MP3C	Mx	-.000169	4
70	MP3C	X	0	4.5
71	MP3C	Z	-.991	4.5
72	MP3C	Mx	-.000169	4.5
73	MP2A	X	0	1.5
74	MP2A	Z	-4.596	1.5
75	MP2A	Mx	0	1.5
76	MP2B	X	0	1.5
77	MP2B	Z	-3.453	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP2B	Mx	-.001	1.5
79	MP2C	X	0	1.5
80	MP2C	Z	-4.418	1.5
81	MP2C	Mx	.000756	1.5
82	MP2A	X	0	4.5
83	MP2A	Z	-4.596	4.5
84	MP2A	Mx	0	4.5
85	MP2B	X	0	4.5
86	MP2B	Z	-3.015	4.5
87	MP2B	Mx	-.001	4.5
88	MP2C	X	0	4.5
89	MP2C	Z	-4.349	4.5
90	MP2C	Mx	.000744	4.5
91	MP2A	X	0	3
92	MP2A	Z	-.909	3
93	MP2A	Mx	0	3
94	MP2B	X	0	3
95	MP2B	Z	-1.176	3
96	MP2B	Mx	-.000509	3
97	MP2C	X	0	3
98	MP2C	Z	-.951	3
99	MP2C	Mx	.000163	3
100	M92	X	0	1
101	M92	Z	-7.89	1
102	M92	Mx	0	1
103	MP1A	X	0	1
104	MP1A	Z	-8.311	1
105	MP1A	Mx	-.001	1
106	MP1A	X	0	7
107	MP1A	Z	-8.311	7
108	MP1A	Mx	-.001	7
109	MP1B	X	0	1
110	MP1B	Z	-12.643	1
111	MP1B	Mx	.006	1
112	MP1B	X	0	7
113	MP1B	Z	-12.643	7
114	MP1B	Mx	.006	7
115	MP1C	X	0	1
116	MP1C	Z	-9.816	1
117	MP1C	Mx	-.003	1
118	MP1C	X	0	7
119	MP1C	Z	-9.816	7
120	MP1C	Mx	-.003	7
121	MP4A	X	0	1
122	MP4A	Z	-8.311	1
123	MP4A	Mx	-.001	1
124	MP4A	X	0	7
125	MP4A	Z	-8.311	7
126	MP4A	Mx	-.001	7
127	MP4B	X	0	1
128	MP4B	Z	-12.643	1
129	MP4B	Mx	.006	1
130	MP4B	X	0	7
131	MP4B	Z	-12.643	7
132	MP4B	Mx	.006	7
133	MP4C	X	0	1
134	MP4C	Z	-9.816	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
135	MP4C	Mx	-.003	1
136	MP4C	X	0	7
137	MP4C	Z	-9.816	7
138	MP4C	Mx	-.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.206	.5
2	MP2A	Z	-12.48	.5
3	MP2A	Mx	.004	.5
4	MP2A	X	7.206	6.5
5	MP2A	Z	-12.48	6.5
6	MP2A	Mx	.004	6.5
7	MP2B	X	5.209	.5
8	MP2B	Z	-9.023	.5
9	MP2B	Mx	.005	.5
10	MP2B	X	5.209	6.5
11	MP2B	Z	-9.023	6.5
12	MP2B	Mx	.005	6.5
13	MP2C	X	7.791	.5
14	MP2C	Z	-13.494	.5
15	MP2C	Mx	-.008	.5
16	MP2C	X	7.791	6.5
17	MP2C	Z	-13.494	6.5
18	MP2C	Mx	-.008	6.5
19	MP2A	X	7.206	.5
20	MP2A	Z	-12.48	.5
21	MP2A	Mx	-.011	.5
22	MP2A	X	7.206	6.5
23	MP2A	Z	-12.48	6.5
24	MP2A	Mx	-.011	6.5
25	MP2B	X	5.209	.5
26	MP2B	Z	-9.023	.5
27	MP2B	Mx	.005	.5
28	MP2B	X	5.209	6.5
29	MP2B	Z	-9.023	6.5
30	MP2B	Mx	.005	6.5
31	MP2C	X	7.791	.5
32	MP2C	Z	-13.494	.5
33	MP2C	Mx	.01	.5
34	MP2C	X	7.791	6.5
35	MP2C	Z	-13.494	6.5
36	MP2C	Mx	.01	6.5
37	MP3A	X	2.449	.1
38	MP3A	Z	-4.241	.1
39	MP3A	Mx	-.001	.1
40	MP3A	X	2.449	2.1
41	MP3A	Z	-4.241	2.1
42	MP3A	Mx	-.001	2.1
43	MP3B	X	1.131	.1
44	MP3B	Z	-1.958	.1
45	MP3B	Mx	.001	.1
46	MP3B	X	1.131	2.1
47	MP3B	Z	-1.958	2.1
48	MP3B	Mx	.001	2.1
49	MP3C	X	2.835	.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP3C	Z	-4.91	.1
51	MP3C	Mx	.000492	.1
52	MP3C	X	2.835	2.1
53	MP3C	Z	-4.91	2.1
54	MP3C	Mx	.000492	2.1
55	MP3A	X	.437	4
56	MP3A	Z	-.757	4
57	MP3A	Mx	-.000218	4
58	MP3A	X	.437	4.5
59	MP3A	Z	-.757	4.5
60	MP3A	Mx	-.000218	4.5
61	MP3B	X	.107	4
62	MP3B	Z	-.186	4
63	MP3B	Mx	.000107	4
64	MP3B	X	.107	4.5
65	MP3B	Z	-.186	4.5
66	MP3B	Mx	.000107	4.5
67	MP3C	X	.534	4
68	MP3C	Z	-.924	4
69	MP3C	Mx	9.3e-5	4
70	MP3C	X	.534	4.5
71	MP3C	Z	-.924	4.5
72	MP3C	Mx	9.3e-5	4.5
73	MP2A	X	2.108	1.5
74	MP2A	Z	-3.65	1.5
75	MP2A	Mx	.001	1.5
76	MP2B	X	1.536	1.5
77	MP2B	Z	-2.661	1.5
78	MP2B	Mx	-.002	1.5
79	MP2C	X	2.275	1.5
80	MP2C	Z	-3.94	1.5
81	MP2C	Mx	-.000395	1.5
82	MP2A	X	2.035	4.5
83	MP2A	Z	-3.524	4.5
84	MP2A	Mx	.001	4.5
85	MP2B	X	1.244	4.5
86	MP2B	Z	-2.155	4.5
87	MP2B	Mx	-.001	4.5
88	MP2C	X	2.266	4.5
89	MP2C	Z	-3.925	4.5
90	MP2C	Mx	-.000393	4.5
91	MP2A	X	.499	3
92	MP2A	Z	-.865	3
93	MP2A	Mx	.00025	3
94	MP2B	X	.632	3
95	MP2B	Z	-1.095	3
96	MP2B	Mx	-.000632	3
97	MP2C	X	.46	3
98	MP2C	Z	-.797	3
99	MP2C	Mx	-8e-5	3
100	M92	X	4.501	1
101	M92	Z	-7.795	1
102	M92	Mx	0	1
103	MP1A	X	5.349	1
104	MP1A	Z	-9.264	1
105	MP1A	Mx	-.004	1
106	MP1A	X	5.349	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
107	MP1A	Z	-9.264	7
108	MP1A	Mx	-.004	7
109	MP1B	X	6.101	1
110	MP1B	Z	-10.567	1
111	MP1B	Mx	.006	1
112	MP1B	X	6.101	7
113	MP1B	Z	-10.567	7
114	MP1B	Mx	.006	7
115	MP1C	X	3.935	1
116	MP1C	Z	-6.816	1
117	MP1C	Mx	-.000683	1
118	MP1C	X	3.935	7
119	MP1C	Z	-6.816	7
120	MP1C	Mx	-.000683	7
121	MP4A	X	5.349	1
122	MP4A	Z	-9.264	1
123	MP4A	Mx	-.004	1
124	MP4A	X	5.349	7
125	MP4A	Z	-9.264	7
126	MP4A	Mx	-.004	7
127	MP4B	X	6.101	1
128	MP4B	Z	-10.567	1
129	MP4B	Mx	.006	1
130	MP4B	X	6.101	7
131	MP4B	Z	-10.567	7
132	MP4B	Mx	.006	7
133	MP4C	X	3.935	1
134	MP4C	Z	-6.816	1
135	MP4C	Mx	-.000683	1
136	MP4C	X	3.935	7
137	MP4C	Z	-6.816	7
138	MP4C	Mx	-.000683	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	10.175	.5
2	MP2A	Z	-5.875	.5
3	MP2A	Mx	-.002	.5
4	MP2A	X	10.175	6.5
5	MP2A	Z	-5.875	6.5
6	MP2A	Mx	-.002	6.5
7	MP2B	X	10.175	.5
8	MP2B	Z	-5.875	.5
9	MP2B	Mx	.009	.5
10	MP2B	X	10.175	6.5
11	MP2B	Z	-5.875	6.5
12	MP2B	Mx	.009	6.5
13	MP2C	X	11.728	.5
14	MP2C	Z	-6.771	.5
15	MP2C	Mx	-.002	.5
16	MP2C	X	11.728	6.5
17	MP2C	Z	-6.771	6.5
18	MP2C	Mx	-.002	6.5
19	MP2A	X	10.175	.5
20	MP2A	Z	-5.875	.5
21	MP2A	Mx	-.009	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP2A	X	10.175	6.5
23	MP2A	Z	-5.875	6.5
24	MP2A	Mx	-.009	6.5
25	MP2B	X	10.175	.5
26	MP2B	Z	-5.875	.5
27	MP2B	Mx	.002	.5
28	MP2B	X	10.175	6.5
29	MP2B	Z	-5.875	6.5
30	MP2B	Mx	.002	6.5
31	MP2C	X	11.728	.5
32	MP2C	Z	-6.771	.5
33	MP2C	Mx	.01	.5
34	MP2C	X	11.728	6.5
35	MP2C	Z	-6.771	6.5
36	MP2C	Mx	.01	6.5
37	MP3A	X	2.719	.1
38	MP3A	Z	-1.57	.1
39	MP3A	Mx	-.001	.1
40	MP3A	X	2.719	2.1
41	MP3A	Z	-1.57	2.1
42	MP3A	Mx	-.001	2.1
43	MP3B	X	2.719	.1
44	MP3B	Z	-1.57	.1
45	MP3B	Mx	.001	.1
46	MP3B	X	2.719	2.1
47	MP3B	Z	-1.57	2.1
48	MP3B	Mx	.001	2.1
49	MP3C	X	3.744	.1
50	MP3C	Z	-2.162	.1
51	MP3C	Mx	.001	.1
52	MP3C	X	3.744	2.1
53	MP3C	Z	-2.162	2.1
54	MP3C	Mx	.001	2.1
55	MP3A	X	.376	4
56	MP3A	Z	-.217	4
57	MP3A	Mx	-.000188	4
58	MP3A	X	.376	4.5
59	MP3A	Z	-.217	4.5
60	MP3A	Mx	-.000188	4.5
61	MP3B	X	.376	4
62	MP3B	Z	-.217	4
63	MP3B	Mx	.000188	4
64	MP3B	X	.376	4.5
65	MP3B	Z	-.217	4.5
66	MP3B	Mx	.000188	4.5
67	MP3C	X	.633	4
68	MP3C	Z	-.365	4
69	MP3C	Mx	.000235	4
70	MP3C	X	.633	4.5
71	MP3C	Z	-.365	4.5
72	MP3C	Mx	.000235	4.5
73	MP2A	X	2.991	1.5
74	MP2A	Z	-1.727	1.5
75	MP2A	Mx	.001	1.5
76	MP2B	X	2.991	1.5
77	MP2B	Z	-1.727	1.5
78	MP2B	Mx	-.001	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP2C	X	3.435	1.5
80	MP2C	Z	-1.983	1.5
81	MP2C	Mx	-.001	1.5
82	MP2A	X	2.611	4.5
83	MP2A	Z	-1.508	4.5
84	MP2A	Mx	.001	4.5
85	MP2B	X	2.611	4.5
86	MP2B	Z	-1.508	4.5
87	MP2B	Mx	-.001	4.5
88	MP2C	X	3.226	4.5
89	MP2C	Z	-1.863	4.5
90	MP2C	Mx	-.001	4.5
91	MP2A	X	1.018	3
92	MP2A	Z	-.588	3
93	MP2A	Mx	.000509	3
94	MP2B	X	1.018	3
95	MP2B	Z	-.588	3
96	MP2B	Mx	-.000509	3
97	MP2C	X	.915	3
98	MP2C	Z	-.528	3
99	MP2C	Mx	-.00034	3
100	M92	X	8.58	1
101	M92	Z	-4.954	1
102	M92	Mx	0	1
103	MP1A	X	10.949	1
104	MP1A	Z	-6.321	1
105	MP1A	Mx	-.006	1
106	MP1A	X	10.949	7
107	MP1A	Z	-6.321	7
108	MP1A	Mx	-.006	7
109	MP1B	X	8.501	1
110	MP1B	Z	-4.908	1
111	MP1B	Mx	.003	1
112	MP1B	X	8.501	7
113	MP1B	Z	-4.908	7
114	MP1B	Mx	.003	7
115	MP1C	X	7.198	1
116	MP1C	Z	-4.156	1
117	MP1C	Mx	.001	1
118	MP1C	X	7.198	7
119	MP1C	Z	-4.156	7
120	MP1C	Mx	.001	7
121	MP4A	X	10.949	1
122	MP4A	Z	-6.321	1
123	MP4A	Mx	-.006	1
124	MP4A	X	10.949	7
125	MP4A	Z	-6.321	7
126	MP4A	Mx	-.006	7
127	MP4B	X	8.501	1
128	MP4B	Z	-4.908	1
129	MP4B	Mx	.003	1
130	MP4B	X	8.501	7
131	MP4B	Z	-4.908	7
132	MP4B	Mx	.003	7
133	MP4C	X	7.198	1
134	MP4C	Z	-4.156	1
135	MP4C	Mx	.001	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
136	MP4C	X	7.198	7
137	MP4C	Z	-4.156	7
138	MP4C	Mx	.001	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	10.418	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.005	.5
4	MP2A	X	10.418	6.5
5	MP2A	Z	0	6.5
6	MP2A	Mx	-.005	6.5
7	MP2B	X	14.411	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.011	.5
10	MP2B	X	14.411	6.5
11	MP2B	Z	0	6.5
12	MP2B	Mx	.011	6.5
13	MP2C	X	11.041	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.003	.5
16	MP2C	X	11.041	6.5
17	MP2C	Z	0	6.5
18	MP2C	Mx	.003	6.5
19	MP2A	X	10.418	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.005	.5
22	MP2A	X	10.418	6.5
23	MP2A	Z	0	6.5
24	MP2A	Mx	-.005	6.5
25	MP2B	X	14.411	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.004	.5
28	MP2B	X	14.411	6.5
29	MP2B	Z	0	6.5
30	MP2B	Mx	-.004	6.5
31	MP2C	X	11.041	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.007	.5
34	MP2C	X	11.041	6.5
35	MP2C	Z	0	6.5
36	MP2C	Mx	.007	6.5
37	MP3A	X	2.261	.1
38	MP3A	Z	0	.1
39	MP3A	Mx	-.001	.1
40	MP3A	X	2.261	2.1
41	MP3A	Z	0	2.1
42	MP3A	Mx	-.001	2.1
43	MP3B	X	4.897	.1
44	MP3B	Z	0	.1
45	MP3B	Mx	.001	.1
46	MP3B	X	4.897	2.1
47	MP3B	Z	0	2.1
48	MP3B	Mx	.001	2.1
49	MP3C	X	2.672	.1
50	MP3C	Z	0	.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3C	Mx	.001	.1
52	MP3C	X	2.672	2.1
53	MP3C	Z	0	2.1
54	MP3C	Mx	.001	2.1
55	MP3A	X	.214	4
56	MP3A	Z	0	4
57	MP3A	Mx	-.000107	4
58	MP3A	X	.214	4.5
59	MP3A	Z	0	4.5
60	MP3A	Mx	-.000107	4.5
61	MP3B	X	.874	4
62	MP3B	Z	0	4
63	MP3B	Mx	.000218	4
64	MP3B	X	.874	4.5
65	MP3B	Z	0	4.5
66	MP3B	Mx	.000218	4.5
67	MP3C	X	.317	4
68	MP3C	Z	0	4
69	MP3C	Mx	.000149	4
70	MP3C	X	.317	4.5
71	MP3C	Z	0	4.5
72	MP3C	Mx	.000149	4.5
73	MP2A	X	3.072	1.5
74	MP2A	Z	0	1.5
75	MP2A	Mx	.002	1.5
76	MP2B	X	4.215	1.5
77	MP2B	Z	0	1.5
78	MP2B	Mx	-.001	1.5
79	MP2C	X	3.25	1.5
80	MP2C	Z	0	1.5
81	MP2C	Mx	-.002	1.5
82	MP2A	X	2.488	4.5
83	MP2A	Z	0	4.5
84	MP2A	Mx	.001	4.5
85	MP2B	X	4.069	4.5
86	MP2B	Z	0	4.5
87	MP2B	Mx	-.001	4.5
88	MP2C	X	2.735	4.5
89	MP2C	Z	0	4.5
90	MP2C	Mx	-.001	4.5
91	MP2A	X	1.265	3
92	MP2A	Z	0	3
93	MP2A	Mx	.000632	3
94	MP2B	X	.998	3
95	MP2B	Z	0	3
96	MP2B	Mx	-.00025	3
97	MP2C	X	1.223	3
98	MP2C	Z	0	3
99	MP2C	Mx	-.000575	3
100	M92	X	9.702	1
101	M92	Z	0	1
102	M92	Mx	0	1
103	MP1A	X	12.202	1
104	MP1A	Z	0	1
105	MP1A	Mx	-.006	1
106	MP1A	X	12.202	7
107	MP1A	Z	0	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP1A	Mx	-.006	7
109	MP1B	X	7.871	1
110	MP1B	Z	0	1
111	MP1B	Mx	.000683	1
112	MP1B	X	7.871	7
113	MP1B	Z	0	7
114	MP1B	Mx	.000683	7
115	MP1C	X	10.697	1
116	MP1C	Z	0	1
117	MP1C	Mx	.004	1
118	MP1C	X	10.697	7
119	MP1C	Z	0	7
120	MP1C	Mx	.004	7
121	MP4A	X	12.202	1
122	MP4A	Z	0	1
123	MP4A	Mx	-.006	1
124	MP4A	X	12.202	7
125	MP4A	Z	0	7
126	MP4A	Mx	-.006	7
127	MP4B	X	7.871	1
128	MP4B	Z	0	1
129	MP4B	Mx	.000683	1
130	MP4B	X	7.871	7
131	MP4B	Z	0	7
132	MP4B	Mx	.000683	7
133	MP4C	X	10.697	1
134	MP4C	Z	0	1
135	MP4C	Mx	.004	1
136	MP4C	X	10.697	7
137	MP4C	Z	0	7
138	MP4C	Mx	.004	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	10.175	.5
2	MP2A	Z	5.875	.5
3	MP2A	Mx	-.009	.5
4	MP2A	X	10.175	6.5
5	MP2A	Z	5.875	6.5
6	MP2A	Mx	-.009	6.5
7	MP2B	X	13.633	.5
8	MP2B	Z	7.871	.5
9	MP2B	Mx	.009	.5
10	MP2B	X	13.633	6.5
11	MP2B	Z	7.871	6.5
12	MP2B	Mx	.009	6.5
13	MP2C	X	9.162	.5
14	MP2C	Z	5.289	.5
15	MP2C	Mx	.006	.5
16	MP2C	X	9.162	6.5
17	MP2C	Z	5.289	6.5
18	MP2C	Mx	.006	6.5
19	MP2A	X	10.175	.5
20	MP2A	Z	5.875	.5
21	MP2A	Mx	-.002	.5
22	MP2A	X	10.175	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	5.875	6.5
24	MP2A	Mx	-.002	6.5
25	MP2B	X	13.633	.5
26	MP2B	Z	7.871	.5
27	MP2B	Mx	-.009	.5
28	MP2B	X	13.633	6.5
29	MP2B	Z	7.871	6.5
30	MP2B	Mx	-.009	6.5
31	MP2C	X	9.162	.5
32	MP2C	Z	5.289	.5
33	MP2C	Mx	.004	.5
34	MP2C	X	9.162	6.5
35	MP2C	Z	5.289	6.5
36	MP2C	Mx	.004	6.5
37	MP3A	X	2.719	.1
38	MP3A	Z	1.57	.1
39	MP3A	Mx	-.001	.1
40	MP3A	X	2.719	2.1
41	MP3A	Z	1.57	2.1
42	MP3A	Mx	-.001	2.1
43	MP3B	X	5.002	.1
44	MP3B	Z	2.888	.1
45	MP3B	Mx	0	.1
46	MP3B	X	5.002	2.1
47	MP3B	Z	2.888	2.1
48	MP3B	Mx	0	2.1
49	MP3C	X	2.05	.1
50	MP3C	Z	1.184	.1
51	MP3C	Mx	.001	.1
52	MP3C	X	2.05	2.1
53	MP3C	Z	1.184	2.1
54	MP3C	Mx	.001	2.1
55	MP3A	X	.376	4
56	MP3A	Z	.217	4
57	MP3A	Mx	-.000188	4
58	MP3A	X	.376	4.5
59	MP3A	Z	.217	4.5
60	MP3A	Mx	-.000188	4.5
61	MP3B	X	.947	4
62	MP3B	Z	.547	4
63	MP3B	Mx	0	4
64	MP3B	X	.947	4.5
65	MP3B	Z	.547	4.5
66	MP3B	Mx	0	4.5
67	MP3C	X	.209	4
68	MP3C	Z	.12	4
69	MP3C	Mx	.000119	4
70	MP3C	X	.209	4.5
71	MP3C	Z	.12	4.5
72	MP3C	Mx	.000119	4.5
73	MP2A	X	2.991	1.5
74	MP2A	Z	1.727	1.5
75	MP2A	Mx	.001	1.5
76	MP2B	X	3.98	1.5
77	MP2B	Z	2.298	1.5
78	MP2B	Mx	0	1.5
79	MP2C	X	2.7	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP2C	Z	1.559	1.5
81	MP2C	Mx	-.002	1.5
82	MP2A	X	2.611	4.5
83	MP2A	Z	1.508	4.5
84	MP2A	Mx	.001	4.5
85	MP2B	X	3.98	4.5
86	MP2B	Z	2.298	4.5
87	MP2B	Mx	0	4.5
88	MP2C	X	2.21	4.5
89	MP2C	Z	1.276	4.5
90	MP2C	Mx	-.001	4.5
91	MP2A	X	1.018	3
92	MP2A	Z	.588	3
93	MP2A	Mx	.000509	3
94	MP2B	X	.788	3
95	MP2B	Z	.455	3
96	MP2B	Mx	0	3
97	MP2C	X	1.086	3
98	MP2C	Z	.627	3
99	MP2C	Mx	-.000617	3
100	M92	X	7.439	1
101	M92	Z	4.295	1
102	M92	Mx	0	1
103	MP1A	X	8.501	1
104	MP1A	Z	4.908	1
105	MP1A	Mx	-.003	1
106	MP1A	X	8.501	7
107	MP1A	Z	4.908	7
108	MP1A	Mx	-.003	7
109	MP1B	X	7.198	1
110	MP1B	Z	4.156	1
111	MP1B	Mx	-.001	1
112	MP1B	X	7.198	7
113	MP1B	Z	4.156	7
114	MP1B	Mx	-.001	7
115	MP1C	X	10.949	1
116	MP1C	Z	6.321	1
117	MP1C	Mx	.006	1
118	MP1C	X	10.949	7
119	MP1C	Z	6.321	7
120	MP1C	Mx	.006	7
121	MP4A	X	8.501	1
122	MP4A	Z	4.908	1
123	MP4A	Mx	-.003	1
124	MP4A	X	8.501	7
125	MP4A	Z	4.908	7
126	MP4A	Mx	-.003	7
127	MP4B	X	7.198	1
128	MP4B	Z	4.156	1
129	MP4B	Mx	-.001	1
130	MP4B	X	7.198	7
131	MP4B	Z	4.156	7
132	MP4B	Mx	-.001	7
133	MP4C	X	10.949	1
134	MP4C	Z	6.321	1
135	MP4C	Mx	.006	1
136	MP4C	X	10.949	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
137	MP4C	Z	6.321	7
138	MP4C	Mx	.006	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.206	.5
2	MP2A	Z	12.48	.5
3	MP2A	Mx	-.011	.5
4	MP2A	X	7.206	6.5
5	MP2A	Z	12.48	6.5
6	MP2A	Mx	-.011	6.5
7	MP2B	X	7.206	.5
8	MP2B	Z	12.48	.5
9	MP2B	Mx	.004	.5
10	MP2B	X	7.206	6.5
11	MP2B	Z	12.48	6.5
12	MP2B	Mx	.004	6.5
13	MP2C	X	6.309	.5
14	MP2C	Z	10.927	.5
15	MP2C	Mx	.01	.5
16	MP2C	X	6.309	6.5
17	MP2C	Z	10.927	6.5
18	MP2C	Mx	.01	6.5
19	MP2A	X	7.206	.5
20	MP2A	Z	12.48	.5
21	MP2A	Mx	.004	.5
22	MP2A	X	7.206	6.5
23	MP2A	Z	12.48	6.5
24	MP2A	Mx	.004	6.5
25	MP2B	X	7.206	.5
26	MP2B	Z	12.48	.5
27	MP2B	Mx	-.011	.5
28	MP2B	X	7.206	6.5
29	MP2B	Z	12.48	6.5
30	MP2B	Mx	-.011	6.5
31	MP2C	X	6.309	.5
32	MP2C	Z	10.927	.5
33	MP2C	Mx	.000102	.5
34	MP2C	X	6.309	6.5
35	MP2C	Z	10.927	6.5
36	MP2C	Mx	.000102	6.5
37	MP3A	X	2.449	.1
38	MP3A	Z	4.241	.1
39	MP3A	Mx	-.001	.1
40	MP3A	X	2.449	2.1
41	MP3A	Z	4.241	2.1
42	MP3A	Mx	-.001	2.1
43	MP3B	X	2.449	.1
44	MP3B	Z	4.241	.1
45	MP3B	Mx	-.001	.1
46	MP3B	X	2.449	2.1
47	MP3B	Z	4.241	2.1
48	MP3B	Mx	-.001	2.1
49	MP3C	X	1.857	.1
50	MP3C	Z	3.216	.1
51	MP3C	Mx	.001	.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP3C	X	1.857	2.1
53	MP3C	Z	3.216	2.1
54	MP3C	Mx	.001	2.1
55	MP3A	X	.437	4
56	MP3A	Z	.757	4
57	MP3A	Mx	-.000218	4
58	MP3A	X	.437	4.5
59	MP3A	Z	.757	4.5
60	MP3A	Mx	-.000218	4.5
61	MP3B	X	.437	4
62	MP3B	Z	.757	4
63	MP3B	Mx	-.000219	4
64	MP3B	X	.437	4.5
65	MP3B	Z	.757	4.5
66	MP3B	Mx	-.000219	4.5
67	MP3C	X	.289	4
68	MP3C	Z	.5	4
69	MP3C	Mx	.000221	4
70	MP3C	X	.289	4.5
71	MP3C	Z	.5	4.5
72	MP3C	Mx	.000221	4.5
73	MP2A	X	2.108	1.5
74	MP2A	Z	3.65	1.5
75	MP2A	Mx	.001	1.5
76	MP2B	X	2.108	1.5
77	MP2B	Z	3.65	1.5
78	MP2B	Mx	.001	1.5
79	MP2C	X	1.851	1.5
80	MP2C	Z	3.206	1.5
81	MP2C	Mx	-.001	1.5
82	MP2A	X	2.035	4.5
83	MP2A	Z	3.524	4.5
84	MP2A	Mx	.001	4.5
85	MP2B	X	2.035	4.5
86	MP2B	Z	3.524	4.5
87	MP2B	Mx	.001	4.5
88	MP2C	X	1.68	4.5
89	MP2C	Z	2.909	4.5
90	MP2C	Mx	-.001	4.5
91	MP2A	X	.499	3
92	MP2A	Z	.865	3
93	MP2A	Mx	.00025	3
94	MP2B	X	.499	3
95	MP2B	Z	.865	3
96	MP2B	Mx	.00025	3
97	MP2C	X	.559	3
98	MP2C	Z	.968	3
99	MP2C	Mx	-.000428	3
100	M92	X	3.842	1
101	M92	Z	6.655	1
102	M92	Mx	0	1
103	MP1A	X	3.935	1
104	MP1A	Z	6.816	1
105	MP1A	Mx	-.000683	1
106	MP1A	X	3.935	7
107	MP1A	Z	6.816	7
108	MP1A	Mx	-.000683	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	MP1B	X	5.349	1
110	MP1B	Z	9.264	1
111	MP1B	Mx	-.004	1
112	MP1B	X	5.349	7
113	MP1B	Z	9.264	7
114	MP1B	Mx	-.004	7
115	MP1C	X	6.101	1
116	MP1C	Z	10.567	1
117	MP1C	Mx	.006	1
118	MP1C	X	6.101	7
119	MP1C	Z	10.567	7
120	MP1C	Mx	.006	7
121	MP4A	X	3.935	1
122	MP4A	Z	6.816	1
123	MP4A	Mx	-.000683	1
124	MP4A	X	3.935	7
125	MP4A	Z	6.816	7
126	MP4A	Mx	-.000683	7
127	MP4B	X	5.349	1
128	MP4B	Z	9.264	1
129	MP4B	Mx	-.004	1
130	MP4B	X	5.349	7
131	MP4B	Z	9.264	7
132	MP4B	Mx	-.004	7
133	MP4C	X	6.101	1
134	MP4C	Z	10.567	1
135	MP4C	Mx	.006	1
136	MP4C	X	6.101	7
137	MP4C	Z	10.567	7
138	MP4C	Mx	.006	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	15.742	.5
3	MP2A	Mx	-.009	.5
4	MP2A	X	0	6.5
5	MP2A	Z	15.742	6.5
6	MP2A	Mx	-.009	6.5
7	MP2B	X	0	.5
8	MP2B	Z	11.749	.5
9	MP2B	Mx	-.002	.5
10	MP2B	X	0	6.5
11	MP2B	Z	11.749	6.5
12	MP2B	Mx	-.002	6.5
13	MP2C	X	0	.5
14	MP2C	Z	15.119	.5
15	MP2C	Mx	.011	.5
16	MP2C	X	0	6.5
17	MP2C	Z	15.119	6.5
18	MP2C	Mx	.011	6.5
19	MP2A	X	0	.5
20	MP2A	Z	15.742	.5
21	MP2A	Mx	.009	.5
22	MP2A	X	0	6.5
23	MP2A	Z	15.742	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP2A	Mx	.009	6.5
25	MP2B	X	0	.5
26	MP2B	Z	11.749	.5
27	MP2B	Mx	-.009	.5
28	MP2B	X	0	6.5
29	MP2B	Z	11.749	6.5
30	MP2B	Mx	-.009	6.5
31	MP2C	X	0	.5
32	MP2C	Z	15.119	.5
33	MP2C	Mx	-.006	.5
34	MP2C	X	0	6.5
35	MP2C	Z	15.119	6.5
36	MP2C	Mx	-.006	6.5
37	MP3A	X	0	.1
38	MP3A	Z	5.776	.1
39	MP3A	Mx	0	.1
40	MP3A	X	0	2.1
41	MP3A	Z	5.776	2.1
42	MP3A	Mx	0	2.1
43	MP3B	X	0	.1
44	MP3B	Z	3.14	.1
45	MP3B	Mx	-.001	.1
46	MP3B	X	0	2.1
47	MP3B	Z	3.14	2.1
48	MP3B	Mx	-.001	2.1
49	MP3C	X	0	.1
50	MP3C	Z	5.365	.1
51	MP3C	Mx	.000917	.1
52	MP3C	X	0	2.1
53	MP3C	Z	5.365	2.1
54	MP3C	Mx	.000917	2.1
55	MP3A	X	0	4
56	MP3A	Z	1.094	4
57	MP3A	Mx	0	4
58	MP3A	X	0	4.5
59	MP3A	Z	1.094	4.5
60	MP3A	Mx	0	4.5
61	MP3B	X	0	4
62	MP3B	Z	.434	4
63	MP3B	Mx	-.000188	4
64	MP3B	X	0	4.5
65	MP3B	Z	.434	4.5
66	MP3B	Mx	-.000188	4.5
67	MP3C	X	0	4
68	MP3C	Z	.991	4
69	MP3C	Mx	.000169	4
70	MP3C	X	0	4.5
71	MP3C	Z	.991	4.5
72	MP3C	Mx	.000169	4.5
73	MP2A	X	0	1.5
74	MP2A	Z	4.596	1.5
75	MP2A	Mx	0	1.5
76	MP2B	X	0	1.5
77	MP2B	Z	3.453	1.5
78	MP2B	Mx	.001	1.5
79	MP2C	X	0	1.5
80	MP2C	Z	4.418	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP2C	Mx	-.000756	1.5
82	MP2A	X	0	4.5
83	MP2A	Z	4.596	4.5
84	MP2A	Mx	0	4.5
85	MP2B	X	0	4.5
86	MP2B	Z	3.015	4.5
87	MP2B	Mx	.001	4.5
88	MP2C	X	0	4.5
89	MP2C	Z	4.349	4.5
90	MP2C	Mx	-.000744	4.5
91	MP2A	X	0	3
92	MP2A	Z	.909	3
93	MP2A	Mx	0	3
94	MP2B	X	0	3
95	MP2B	Z	1.176	3
96	MP2B	Mx	.000509	3
97	MP2C	X	0	3
98	MP2C	Z	.951	3
99	MP2C	Mx	-.000163	3
100	M92	X	0	1
101	M92	Z	7.89	1
102	M92	Mx	0	1
103	MP1A	X	0	1
104	MP1A	Z	8.311	1
105	MP1A	Mx	.001	1
106	MP1A	X	0	7
107	MP1A	Z	8.311	7
108	MP1A	Mx	.001	7
109	MP1B	X	0	1
110	MP1B	Z	12.643	1
111	MP1B	Mx	-.006	1
112	MP1B	X	0	7
113	MP1B	Z	12.643	7
114	MP1B	Mx	-.006	7
115	MP1C	X	0	1
116	MP1C	Z	9.816	1
117	MP1C	Mx	.003	1
118	MP1C	X	0	7
119	MP1C	Z	9.816	7
120	MP1C	Mx	.003	7
121	MP4A	X	0	1
122	MP4A	Z	8.311	1
123	MP4A	Mx	.001	1
124	MP4A	X	0	7
125	MP4A	Z	8.311	7
126	MP4A	Mx	.001	7
127	MP4B	X	0	1
128	MP4B	Z	12.643	1
129	MP4B	Mx	-.006	1
130	MP4B	X	0	7
131	MP4B	Z	12.643	7
132	MP4B	Mx	-.006	7
133	MP4C	X	0	1
134	MP4C	Z	9.816	1
135	MP4C	Mx	.003	1
136	MP4C	X	0	7
137	MP4C	Z	9.816	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
138	MP4C	Mx	.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.206	.5
2	MP2A	Z	12.48	.5
3	MP2A	Mx	-.004	.5
4	MP2A	X	-7.206	6.5
5	MP2A	Z	12.48	6.5
6	MP2A	Mx	-.004	6.5
7	MP2B	X	-5.209	.5
8	MP2B	Z	9.023	.5
9	MP2B	Mx	-.005	.5
10	MP2B	X	-5.209	6.5
11	MP2B	Z	9.023	6.5
12	MP2B	Mx	-.005	6.5
13	MP2C	X	-7.791	.5
14	MP2C	Z	13.494	.5
15	MP2C	Mx	.008	.5
16	MP2C	X	-7.791	6.5
17	MP2C	Z	13.494	6.5
18	MP2C	Mx	.008	6.5
19	MP2A	X	-7.206	.5
20	MP2A	Z	12.48	.5
21	MP2A	Mx	.011	.5
22	MP2A	X	-7.206	6.5
23	MP2A	Z	12.48	6.5
24	MP2A	Mx	.011	6.5
25	MP2B	X	-5.209	.5
26	MP2B	Z	9.023	.5
27	MP2B	Mx	-.005	.5
28	MP2B	X	-5.209	6.5
29	MP2B	Z	9.023	6.5
30	MP2B	Mx	-.005	6.5
31	MP2C	X	-7.791	.5
32	MP2C	Z	13.494	.5
33	MP2C	Mx	-.01	.5
34	MP2C	X	-7.791	6.5
35	MP2C	Z	13.494	6.5
36	MP2C	Mx	-.01	6.5
37	MP3A	X	-2.449	.1
38	MP3A	Z	4.241	.1
39	MP3A	Mx	.001	.1
40	MP3A	X	-2.449	2.1
41	MP3A	Z	4.241	2.1
42	MP3A	Mx	.001	2.1
43	MP3B	X	-1.131	.1
44	MP3B	Z	1.958	.1
45	MP3B	Mx	-.001	.1
46	MP3B	X	-1.131	2.1
47	MP3B	Z	1.958	2.1
48	MP3B	Mx	-.001	2.1
49	MP3C	X	-2.835	.1
50	MP3C	Z	4.91	.1
51	MP3C	Mx	-.000492	.1
52	MP3C	X	-2.835	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	4.91	2.1
54	MP3C	Mx	-.000492	2.1
55	MP3A	X	-.437	4
56	MP3A	Z	.757	4
57	MP3A	Mx	.000218	4
58	MP3A	X	-.437	4.5
59	MP3A	Z	.757	4.5
60	MP3A	Mx	.000218	4.5
61	MP3B	X	-.107	4
62	MP3B	Z	.186	4
63	MP3B	Mx	-.000107	4
64	MP3B	X	-.107	4.5
65	MP3B	Z	.186	4.5
66	MP3B	Mx	-.000107	4.5
67	MP3C	X	-.534	4
68	MP3C	Z	.924	4
69	MP3C	Mx	-9.3e-5	4
70	MP3C	X	-.534	4.5
71	MP3C	Z	.924	4.5
72	MP3C	Mx	-9.3e-5	4.5
73	MP2A	X	-2.108	1.5
74	MP2A	Z	3.65	1.5
75	MP2A	Mx	-.001	1.5
76	MP2B	X	-1.536	1.5
77	MP2B	Z	2.661	1.5
78	MP2B	Mx	.002	1.5
79	MP2C	X	-2.275	1.5
80	MP2C	Z	3.94	1.5
81	MP2C	Mx	.000395	1.5
82	MP2A	X	-2.035	4.5
83	MP2A	Z	3.524	4.5
84	MP2A	Mx	-.001	4.5
85	MP2B	X	-1.244	4.5
86	MP2B	Z	2.155	4.5
87	MP2B	Mx	.001	4.5
88	MP2C	X	-2.266	4.5
89	MP2C	Z	3.925	4.5
90	MP2C	Mx	.000393	4.5
91	MP2A	X	-.499	3
92	MP2A	Z	.865	3
93	MP2A	Mx	-.00025	3
94	MP2B	X	-.632	3
95	MP2B	Z	1.095	3
96	MP2B	Mx	.000632	3
97	MP2C	X	-.46	3
98	MP2C	Z	.797	3
99	MP2C	Mx	8e-5	3
100	M92	X	-4.501	1
101	M92	Z	7.795	1
102	M92	Mx	0	1
103	MP1A	X	-5.349	1
104	MP1A	Z	9.264	1
105	MP1A	Mx	.004	1
106	MP1A	X	-5.349	7
107	MP1A	Z	9.264	7
108	MP1A	Mx	.004	7
109	MP1B	X	-6.101	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP1B	Z	10.567	1
111	MP1B	Mx	-.006	1
112	MP1B	X	-6.101	7
113	MP1B	Z	10.567	7
114	MP1B	Mx	-.006	7
115	MP1C	X	-3.935	1
116	MP1C	Z	6.816	1
117	MP1C	Mx	.000683	1
118	MP1C	X	-3.935	7
119	MP1C	Z	6.816	7
120	MP1C	Mx	.000683	7
121	MP4A	X	-5.349	1
122	MP4A	Z	9.264	1
123	MP4A	Mx	.004	1
124	MP4A	X	-5.349	7
125	MP4A	Z	9.264	7
126	MP4A	Mx	.004	7
127	MP4B	X	-6.101	1
128	MP4B	Z	10.567	1
129	MP4B	Mx	-.006	1
130	MP4B	X	-6.101	7
131	MP4B	Z	10.567	7
132	MP4B	Mx	-.006	7
133	MP4C	X	-3.935	1
134	MP4C	Z	6.816	1
135	MP4C	Mx	.000683	1
136	MP4C	X	-3.935	7
137	MP4C	Z	6.816	7
138	MP4C	Mx	.000683	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-10.175	.5
2	MP2A	Z	5.875	.5
3	MP2A	Mx	.002	.5
4	MP2A	X	-10.175	6.5
5	MP2A	Z	5.875	6.5
6	MP2A	Mx	.002	6.5
7	MP2B	X	-10.175	.5
8	MP2B	Z	5.875	.5
9	MP2B	Mx	-.009	.5
10	MP2B	X	-10.175	6.5
11	MP2B	Z	5.875	6.5
12	MP2B	Mx	-.009	6.5
13	MP2C	X	-11.728	.5
14	MP2C	Z	6.771	.5
15	MP2C	Mx	.002	.5
16	MP2C	X	-11.728	6.5
17	MP2C	Z	6.771	6.5
18	MP2C	Mx	.002	6.5
19	MP2A	X	-10.175	.5
20	MP2A	Z	5.875	.5
21	MP2A	Mx	.009	.5
22	MP2A	X	-10.175	6.5
23	MP2A	Z	5.875	6.5
24	MP2A	Mx	.009	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2B	X	-10.175	.5
26	MP2B	Z	5.875	.5
27	MP2B	Mx	-.002	.5
28	MP2B	X	-10.175	6.5
29	MP2B	Z	5.875	6.5
30	MP2B	Mx	-.002	6.5
31	MP2C	X	-11.728	.5
32	MP2C	Z	6.771	.5
33	MP2C	Mx	-.01	.5
34	MP2C	X	-11.728	6.5
35	MP2C	Z	6.771	6.5
36	MP2C	Mx	-.01	6.5
37	MP3A	X	-2.719	.1
38	MP3A	Z	1.57	.1
39	MP3A	Mx	.001	.1
40	MP3A	X	-2.719	2.1
41	MP3A	Z	1.57	2.1
42	MP3A	Mx	.001	2.1
43	MP3B	X	-2.719	.1
44	MP3B	Z	1.57	.1
45	MP3B	Mx	-.001	.1
46	MP3B	X	-2.719	2.1
47	MP3B	Z	1.57	2.1
48	MP3B	Mx	-.001	2.1
49	MP3C	X	-3.744	.1
50	MP3C	Z	2.162	.1
51	MP3C	Mx	-.001	.1
52	MP3C	X	-3.744	2.1
53	MP3C	Z	2.162	2.1
54	MP3C	Mx	-.001	2.1
55	MP3A	X	-.376	4
56	MP3A	Z	.217	4
57	MP3A	Mx	.000188	4
58	MP3A	X	-.376	4.5
59	MP3A	Z	.217	4.5
60	MP3A	Mx	.000188	4.5
61	MP3B	X	-.376	4
62	MP3B	Z	.217	4
63	MP3B	Mx	-.000188	4
64	MP3B	X	-.376	4.5
65	MP3B	Z	.217	4.5
66	MP3B	Mx	-.000188	4.5
67	MP3C	X	-.633	4
68	MP3C	Z	.365	4
69	MP3C	Mx	-.000235	4
70	MP3C	X	-.633	4.5
71	MP3C	Z	.365	4.5
72	MP3C	Mx	-.000235	4.5
73	MP2A	X	-2.991	1.5
74	MP2A	Z	1.727	1.5
75	MP2A	Mx	-.001	1.5
76	MP2B	X	-2.991	1.5
77	MP2B	Z	1.727	1.5
78	MP2B	Mx	.001	1.5
79	MP2C	X	-3.435	1.5
80	MP2C	Z	1.983	1.5
81	MP2C	Mx	.001	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP2A	X	-2.611	4.5
83	MP2A	Z	1.508	4.5
84	MP2A	Mx	-.001	4.5
85	MP2B	X	-2.611	4.5
86	MP2B	Z	1.508	4.5
87	MP2B	Mx	.001	4.5
88	MP2C	X	-3.226	4.5
89	MP2C	Z	1.863	4.5
90	MP2C	Mx	.001	4.5
91	MP2A	X	-1.018	3
92	MP2A	Z	.588	3
93	MP2A	Mx	-.000509	3
94	MP2B	X	-1.018	3
95	MP2B	Z	.588	3
96	MP2B	Mx	.000509	3
97	MP2C	X	-.915	3
98	MP2C	Z	.528	3
99	MP2C	Mx	.00034	3
100	M92	X	-8.58	1
101	M92	Z	4.954	1
102	M92	Mx	0	1
103	MP1A	X	-10.949	1
104	MP1A	Z	6.321	1
105	MP1A	Mx	.006	1
106	MP1A	X	-10.949	7
107	MP1A	Z	6.321	7
108	MP1A	Mx	.006	7
109	MP1B	X	-8.501	1
110	MP1B	Z	4.908	1
111	MP1B	Mx	-.003	1
112	MP1B	X	-8.501	7
113	MP1B	Z	4.908	7
114	MP1B	Mx	-.003	7
115	MP1C	X	-7.198	1
116	MP1C	Z	4.156	1
117	MP1C	Mx	-.001	1
118	MP1C	X	-7.198	7
119	MP1C	Z	4.156	7
120	MP1C	Mx	-.001	7
121	MP4A	X	-10.949	1
122	MP4A	Z	6.321	1
123	MP4A	Mx	.006	1
124	MP4A	X	-10.949	7
125	MP4A	Z	6.321	7
126	MP4A	Mx	.006	7
127	MP4B	X	-8.501	1
128	MP4B	Z	4.908	1
129	MP4B	Mx	-.003	1
130	MP4B	X	-8.501	7
131	MP4B	Z	4.908	7
132	MP4B	Mx	-.003	7
133	MP4C	X	-7.198	1
134	MP4C	Z	4.156	1
135	MP4C	Mx	-.001	1
136	MP4C	X	-7.198	7
137	MP4C	Z	4.156	7
138	MP4C	Mx	-.001	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-10.418	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.005	.5
4	MP2A	X	-10.418	6.5
5	MP2A	Z	0	6.5
6	MP2A	Mx	.005	6.5
7	MP2B	X	-14.411	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.011	.5
10	MP2B	X	-14.411	6.5
11	MP2B	Z	0	6.5
12	MP2B	Mx	-.011	6.5
13	MP2C	X	-11.041	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.003	.5
16	MP2C	X	-11.041	6.5
17	MP2C	Z	0	6.5
18	MP2C	Mx	-.003	6.5
19	MP2A	X	-10.418	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.005	.5
22	MP2A	X	-10.418	6.5
23	MP2A	Z	0	6.5
24	MP2A	Mx	.005	6.5
25	MP2B	X	-14.411	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.004	.5
28	MP2B	X	-14.411	6.5
29	MP2B	Z	0	6.5
30	MP2B	Mx	.004	6.5
31	MP2C	X	-11.041	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.007	.5
34	MP2C	X	-11.041	6.5
35	MP2C	Z	0	6.5
36	MP2C	Mx	-.007	6.5
37	MP3A	X	-2.261	.1
38	MP3A	Z	0	.1
39	MP3A	Mx	.001	.1
40	MP3A	X	-2.261	2.1
41	MP3A	Z	0	2.1
42	MP3A	Mx	.001	2.1
43	MP3B	X	-4.897	.1
44	MP3B	Z	0	.1
45	MP3B	Mx	-.001	.1
46	MP3B	X	-4.897	2.1
47	MP3B	Z	0	2.1
48	MP3B	Mx	-.001	2.1
49	MP3C	X	-2.672	.1
50	MP3C	Z	0	.1
51	MP3C	Mx	-.001	.1
52	MP3C	X	-2.672	2.1
53	MP3C	Z	0	2.1
54	MP3C	Mx	-.001	2.1
55	MP3A	X	-.214	4
56	MP3A	Z	0	4
57	MP3A	Mx	.000107	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-.214	4.5
59	MP3A	Z	0	4.5
60	MP3A	Mx	.000107	4.5
61	MP3B	X	-.874	4
62	MP3B	Z	0	4
63	MP3B	Mx	-.000218	4
64	MP3B	X	-.874	4.5
65	MP3B	Z	0	4.5
66	MP3B	Mx	-.000218	4.5
67	MP3C	X	-.317	4
68	MP3C	Z	0	4
69	MP3C	Mx	-.000149	4
70	MP3C	X	-.317	4.5
71	MP3C	Z	0	4.5
72	MP3C	Mx	-.000149	4.5
73	MP2A	X	-3.072	1.5
74	MP2A	Z	0	1.5
75	MP2A	Mx	-.002	1.5
76	MP2B	X	-4.215	1.5
77	MP2B	Z	0	1.5
78	MP2B	Mx	.001	1.5
79	MP2C	X	-3.25	1.5
80	MP2C	Z	0	1.5
81	MP2C	Mx	.002	1.5
82	MP2A	X	-2.488	4.5
83	MP2A	Z	0	4.5
84	MP2A	Mx	-.001	4.5
85	MP2B	X	-4.069	4.5
86	MP2B	Z	0	4.5
87	MP2B	Mx	.001	4.5
88	MP2C	X	-2.735	4.5
89	MP2C	Z	0	4.5
90	MP2C	Mx	.001	4.5
91	MP2A	X	-1.265	3
92	MP2A	Z	0	3
93	MP2A	Mx	-.000632	3
94	MP2B	X	-.998	3
95	MP2B	Z	0	3
96	MP2B	Mx	.00025	3
97	MP2C	X	-1.223	3
98	MP2C	Z	0	3
99	MP2C	Mx	.000575	3
100	M92	X	-9.702	1
101	M92	Z	0	1
102	M92	Mx	0	1
103	MP1A	X	-12.202	1
104	MP1A	Z	0	1
105	MP1A	Mx	.006	1
106	MP1A	X	-12.202	7
107	MP1A	Z	0	7
108	MP1A	Mx	.006	7
109	MP1B	X	-7.871	1
110	MP1B	Z	0	1
111	MP1B	Mx	-.000683	1
112	MP1B	X	-7.871	7
113	MP1B	Z	0	7
114	MP1B	Mx	-.000683	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP1C	X	-10.697	1
116	MP1C	Z	0	1
117	MP1C	Mx	-.004	1
118	MP1C	X	-10.697	7
119	MP1C	Z	0	7
120	MP1C	Mx	-.004	7
121	MP4A	X	-12.202	1
122	MP4A	Z	0	1
123	MP4A	Mx	.006	1
124	MP4A	X	-12.202	7
125	MP4A	Z	0	7
126	MP4A	Mx	.006	7
127	MP4B	X	-7.871	1
128	MP4B	Z	0	1
129	MP4B	Mx	-.000683	1
130	MP4B	X	-7.871	7
131	MP4B	Z	0	7
132	MP4B	Mx	-.000683	7
133	MP4C	X	-10.697	1
134	MP4C	Z	0	1
135	MP4C	Mx	-.004	1
136	MP4C	X	-10.697	7
137	MP4C	Z	0	7
138	MP4C	Mx	-.004	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-10.175	.5
2	MP2A	Z	-5.875	.5
3	MP2A	Mx	.009	.5
4	MP2A	X	-10.175	6.5
5	MP2A	Z	-5.875	6.5
6	MP2A	Mx	.009	6.5
7	MP2B	X	-13.633	.5
8	MP2B	Z	-7.871	.5
9	MP2B	Mx	-.009	.5
10	MP2B	X	-13.633	6.5
11	MP2B	Z	-7.871	6.5
12	MP2B	Mx	-.009	6.5
13	MP2C	X	-9.162	.5
14	MP2C	Z	-5.289	.5
15	MP2C	Mx	-.006	.5
16	MP2C	X	-9.162	6.5
17	MP2C	Z	-5.289	6.5
18	MP2C	Mx	-.006	6.5
19	MP2A	X	-10.175	.5
20	MP2A	Z	-5.875	.5
21	MP2A	Mx	.002	.5
22	MP2A	X	-10.175	6.5
23	MP2A	Z	-5.875	6.5
24	MP2A	Mx	.002	6.5
25	MP2B	X	-13.633	.5
26	MP2B	Z	-7.871	.5
27	MP2B	Mx	.009	.5
28	MP2B	X	-13.633	6.5
29	MP2B	Z	-7.871	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP2B	Mx	.009	6.5
31	MP2C	X	-9.162	.5
32	MP2C	Z	-5.289	.5
33	MP2C	Mx	-.004	.5
34	MP2C	X	-9.162	6.5
35	MP2C	Z	-5.289	6.5
36	MP2C	Mx	-.004	6.5
37	MP3A	X	-2.719	.1
38	MP3A	Z	-1.57	.1
39	MP3A	Mx	.001	.1
40	MP3A	X	-2.719	2.1
41	MP3A	Z	-1.57	2.1
42	MP3A	Mx	.001	2.1
43	MP3B	X	-5.002	.1
44	MP3B	Z	-2.888	.1
45	MP3B	Mx	0	.1
46	MP3B	X	-5.002	2.1
47	MP3B	Z	-2.888	2.1
48	MP3B	Mx	0	2.1
49	MP3C	X	-2.05	.1
50	MP3C	Z	-1.184	.1
51	MP3C	Mx	-.001	.1
52	MP3C	X	-2.05	2.1
53	MP3C	Z	-1.184	2.1
54	MP3C	Mx	-.001	2.1
55	MP3A	X	-.376	4
56	MP3A	Z	-.217	4
57	MP3A	Mx	.000188	4
58	MP3A	X	-.376	4.5
59	MP3A	Z	-.217	4.5
60	MP3A	Mx	.000188	4.5
61	MP3B	X	-.947	4
62	MP3B	Z	-.547	4
63	MP3B	Mx	0	4
64	MP3B	X	-.947	4.5
65	MP3B	Z	-.547	4.5
66	MP3B	Mx	0	4.5
67	MP3C	X	-.209	4
68	MP3C	Z	-.12	4
69	MP3C	Mx	-.000119	4
70	MP3C	X	-.209	4.5
71	MP3C	Z	-.12	4.5
72	MP3C	Mx	-.000119	4.5
73	MP2A	X	-2.991	1.5
74	MP2A	Z	-1.727	1.5
75	MP2A	Mx	-.001	1.5
76	MP2B	X	-3.98	1.5
77	MP2B	Z	-2.298	1.5
78	MP2B	Mx	0	1.5
79	MP2C	X	-2.7	1.5
80	MP2C	Z	-1.559	1.5
81	MP2C	Mx	.002	1.5
82	MP2A	X	-2.611	4.5
83	MP2A	Z	-1.508	4.5
84	MP2A	Mx	-.001	4.5
85	MP2B	X	-3.98	4.5
86	MP2B	Z	-2.298	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP2B	Mx	0	4.5
88	MP2C	X	-2.21	4.5
89	MP2C	Z	-1.276	4.5
90	MP2C	Mx	.001	4.5
91	MP2A	X	-1.018	3
92	MP2A	Z	-.588	3
93	MP2A	Mx	-.000509	3
94	MP2B	X	-.788	3
95	MP2B	Z	-.455	3
96	MP2B	Mx	0	3
97	MP2C	X	-1.086	3
98	MP2C	Z	-.627	3
99	MP2C	Mx	.000617	3
100	M92	X	-7.439	1
101	M92	Z	-4.295	1
102	M92	Mx	0	1
103	MP1A	X	-8.501	1
104	MP1A	Z	-4.908	1
105	MP1A	Mx	.003	1
106	MP1A	X	-8.501	7
107	MP1A	Z	-4.908	7
108	MP1A	Mx	.003	7
109	MP1B	X	-7.198	1
110	MP1B	Z	-4.156	1
111	MP1B	Mx	.001	1
112	MP1B	X	-7.198	7
113	MP1B	Z	-4.156	7
114	MP1B	Mx	.001	7
115	MP1C	X	-10.949	1
116	MP1C	Z	-6.321	1
117	MP1C	Mx	-.006	1
118	MP1C	X	-10.949	7
119	MP1C	Z	-6.321	7
120	MP1C	Mx	-.006	7
121	MP4A	X	-8.501	1
122	MP4A	Z	-4.908	1
123	MP4A	Mx	.003	1
124	MP4A	X	-8.501	7
125	MP4A	Z	-4.908	7
126	MP4A	Mx	.003	7
127	MP4B	X	-7.198	1
128	MP4B	Z	-4.156	1
129	MP4B	Mx	.001	1
130	MP4B	X	-7.198	7
131	MP4B	Z	-4.156	7
132	MP4B	Mx	.001	7
133	MP4C	X	-10.949	1
134	MP4C	Z	-6.321	1
135	MP4C	Mx	-.006	1
136	MP4C	X	-10.949	7
137	MP4C	Z	-6.321	7
138	MP4C	Mx	-.006	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.206	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP2A	Z	-12.48	.5
3	MP2A	Mx	.011	.5
4	MP2A	X	-7.206	6.5
5	MP2A	Z	-12.48	6.5
6	MP2A	Mx	.011	6.5
7	MP2B	X	-7.206	.5
8	MP2B	Z	-12.48	.5
9	MP2B	Mx	-.004	.5
10	MP2B	X	-7.206	6.5
11	MP2B	Z	-12.48	6.5
12	MP2B	Mx	-.004	6.5
13	MP2C	X	-6.309	.5
14	MP2C	Z	-10.927	.5
15	MP2C	Mx	-.01	.5
16	MP2C	X	-6.309	6.5
17	MP2C	Z	-10.927	6.5
18	MP2C	Mx	-.01	6.5
19	MP2A	X	-7.206	.5
20	MP2A	Z	-12.48	.5
21	MP2A	Mx	-.004	.5
22	MP2A	X	-7.206	6.5
23	MP2A	Z	-12.48	6.5
24	MP2A	Mx	-.004	6.5
25	MP2B	X	-7.206	.5
26	MP2B	Z	-12.48	.5
27	MP2B	Mx	.011	.5
28	MP2B	X	-7.206	6.5
29	MP2B	Z	-12.48	6.5
30	MP2B	Mx	.011	6.5
31	MP2C	X	-6.309	.5
32	MP2C	Z	-10.927	.5
33	MP2C	Mx	-.000102	.5
34	MP2C	X	-6.309	6.5
35	MP2C	Z	-10.927	6.5
36	MP2C	Mx	-.000102	6.5
37	MP3A	X	-2.449	.1
38	MP3A	Z	-4.241	.1
39	MP3A	Mx	.001	.1
40	MP3A	X	-2.449	2.1
41	MP3A	Z	-4.241	2.1
42	MP3A	Mx	.001	2.1
43	MP3B	X	-2.449	.1
44	MP3B	Z	-4.241	.1
45	MP3B	Mx	.001	.1
46	MP3B	X	-2.449	2.1
47	MP3B	Z	-4.241	2.1
48	MP3B	Mx	.001	2.1
49	MP3C	X	-1.857	.1
50	MP3C	Z	-3.216	.1
51	MP3C	Mx	-.001	.1
52	MP3C	X	-1.857	2.1
53	MP3C	Z	-3.216	2.1
54	MP3C	Mx	-.001	2.1
55	MP3A	X	-.437	4
56	MP3A	Z	-.757	4
57	MP3A	Mx	.000218	4
58	MP3A	X	-.437	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP3A	Z	-.757	4.5
60	MP3A	Mx	.000218	4.5
61	MP3B	X	-.437	4
62	MP3B	Z	-.757	4
63	MP3B	Mx	.000219	4
64	MP3B	X	-.437	4.5
65	MP3B	Z	-.757	4.5
66	MP3B	Mx	.000219	4.5
67	MP3C	X	-.289	4
68	MP3C	Z	-.5	4
69	MP3C	Mx	-.000221	4
70	MP3C	X	-.289	4.5
71	MP3C	Z	-.5	4.5
72	MP3C	Mx	-.000221	4.5
73	MP2A	X	-2.108	1.5
74	MP2A	Z	-3.65	1.5
75	MP2A	Mx	-.001	1.5
76	MP2B	X	-2.108	1.5
77	MP2B	Z	-3.65	1.5
78	MP2B	Mx	-.001	1.5
79	MP2C	X	-1.851	1.5
80	MP2C	Z	-3.206	1.5
81	MP2C	Mx	.001	1.5
82	MP2A	X	-2.035	4.5
83	MP2A	Z	-3.524	4.5
84	MP2A	Mx	-.001	4.5
85	MP2B	X	-2.035	4.5
86	MP2B	Z	-3.524	4.5
87	MP2B	Mx	-.001	4.5
88	MP2C	X	-1.68	4.5
89	MP2C	Z	-2.909	4.5
90	MP2C	Mx	.001	4.5
91	MP2A	X	-.499	3
92	MP2A	Z	-.865	3
93	MP2A	Mx	-.00025	3
94	MP2B	X	-.499	3
95	MP2B	Z	-.865	3
96	MP2B	Mx	-.00025	3
97	MP2C	X	-.559	3
98	MP2C	Z	-.968	3
99	MP2C	Mx	.000428	3
100	M92	X	-3.842	1
101	M92	Z	-6.655	1
102	M92	Mx	0	1
103	MP1A	X	-3.935	1
104	MP1A	Z	-6.816	1
105	MP1A	Mx	.000683	1
106	MP1A	X	-3.935	7
107	MP1A	Z	-6.816	7
108	MP1A	Mx	.000683	7
109	MP1B	X	-5.349	1
110	MP1B	Z	-9.264	1
111	MP1B	Mx	.004	1
112	MP1B	X	-5.349	7
113	MP1B	Z	-9.264	7
114	MP1B	Mx	.004	7
115	MP1C	X	-6.101	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
116	MP1C	Z	-10.567	1
117	MP1C	Mx	-.006	1
118	MP1C	X	-6.101	7
119	MP1C	Z	-10.567	7
120	MP1C	Mx	-.006	7
121	MP4A	X	-3.935	1
122	MP4A	Z	-6.816	1
123	MP4A	Mx	.000683	1
124	MP4A	X	-3.935	7
125	MP4A	Z	-6.816	7
126	MP4A	Mx	.000683	7
127	MP4B	X	-5.349	1
128	MP4B	Z	-9.264	1
129	MP4B	Mx	.004	1
130	MP4B	X	-5.349	7
131	MP4B	Z	-9.264	7
132	MP4B	Mx	.004	7
133	MP4C	X	-6.101	1
134	MP4C	Z	-10.567	1
135	MP4C	Mx	-.006	1
136	MP4C	X	-6.101	7
137	MP4C	Z	-10.567	7
138	MP4C	Mx	-.006	7

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M68	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M69	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M42	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M42	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-1.737	.5
2	MP2A	My	-.000868	.5
3	MP2A	Mz	-.001	.5
4	MP2A	Y	-1.737	6.5
5	MP2A	My	-.000868	6.5
6	MP2A	Mz	-.001	6.5
7	MP2B	Y	-1.737	.5
8	MP2B	My	.001	.5
9	MP2B	Mz	-.000245	.5
10	MP2B	Y	-1.737	6.5
11	MP2B	My	.001	6.5
12	MP2B	Mz	-.000245	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2C	Y	-1.737	.5
14	MP2C	My	.000469	.5
15	MP2C	Mz	.001	.5
16	MP2C	Y	-1.737	6.5
17	MP2C	My	.000469	6.5
18	MP2C	Mz	.001	6.5
19	MP2A	Y	-1.737	.5
20	MP2A	My	-.000868	.5
21	MP2A	Mz	.001	.5
22	MP2A	Y	-1.737	6.5
23	MP2A	My	-.000868	6.5
24	MP2A	Mz	.001	6.5
25	MP2B	Y	-1.737	.5
26	MP2B	My	-.000443	.5
27	MP2B	Mz	-.001	.5
28	MP2B	Y	-1.737	6.5
29	MP2B	My	-.000443	6.5
30	MP2B	Mz	-.001	6.5
31	MP2C	Y	-1.737	.5
32	MP2C	My	.001	.5
33	MP2C	Mz	-.000655	.5
34	MP2C	Y	-1.737	6.5
35	MP2C	My	.001	6.5
36	MP2C	Mz	-.000655	6.5
37	MP3A	Y	-1.886	.1
38	MP3A	My	-.000943	.1
39	MP3A	Mz	0	.1
40	MP3A	Y	-1.886	2.1
41	MP3A	My	-.000943	2.1
42	MP3A	Mz	0	2.1
43	MP3B	Y	-1.886	.1
44	MP3B	My	.000472	.1
45	MP3B	Mz	-.000817	.1
46	MP3B	Y	-1.886	2.1
47	MP3B	My	.000472	2.1
48	MP3B	Mz	-.000817	2.1
49	MP3C	Y	-1.886	.1
50	MP3C	My	.000886	.1
51	MP3C	Mz	.000323	.1
52	MP3C	Y	-1.886	2.1
53	MP3C	My	.000886	2.1
54	MP3C	Mz	.000323	2.1
55	MP3A	Y	-.095	4
56	MP3A	My	-4.8e-5	4
57	MP3A	Mz	0	4
58	MP3A	Y	-.095	4.5
59	MP3A	My	-4.8e-5	4.5
60	MP3A	Mz	0	4.5
61	MP3B	Y	-.095	4
62	MP3B	My	2.4e-5	4
63	MP3B	Mz	-4.1e-5	4
64	MP3B	Y	-.095	4.5
65	MP3B	My	2.4e-5	4.5
66	MP3B	Mz	-4.1e-5	4.5
67	MP3C	Y	-.095	4
68	MP3C	My	4.5e-5	4
69	MP3C	Mz	1.6e-5	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP3C	Y	-.095	4.5
71	MP3C	My	4.5e-5	4.5
72	MP3C	Mz	1.6e-5	4.5
73	MP2A	Y	-3.655	1.5
74	MP2A	My	.002	1.5
75	MP2A	Mz	0	1.5
76	MP2B	Y	-3.655	1.5
77	MP2B	My	-.000914	1.5
78	MP2B	Mz	.002	1.5
79	MP2C	Y	-3.655	1.5
80	MP2C	My	-.002	1.5
81	MP2C	Mz	-.000625	1.5
82	MP2A	Y	-3.044	4.5
83	MP2A	My	.002	4.5
84	MP2A	Mz	0	4.5
85	MP2B	Y	-3.044	4.5
86	MP2B	My	-.000761	4.5
87	MP2B	Mz	.001	4.5
88	MP2C	Y	-3.044	4.5
89	MP2C	My	-.001	4.5
90	MP2C	Mz	-.000521	4.5
91	MP2A	Y	-.897	3
92	MP2A	My	.000449	3
93	MP2A	Mz	0	3
94	MP2B	Y	-.897	3
95	MP2B	My	-.000224	3
96	MP2B	Mz	.000389	3
97	MP2C	Y	-.897	3
98	MP2C	My	-.000422	3
99	MP2C	Mz	-.000153	3
100	M92	Y	-1.386	1
101	M92	My	0	1
102	M92	Mz	0	1
103	MP1A	Y	-.52	1
104	MP1A	My	-.000244	1
105	MP1A	Mz	8.9e-5	1
106	MP1A	Y	-.52	7
107	MP1A	My	-.000244	7
108	MP1A	Mz	8.9e-5	7
109	MP1B	Y	-.52	1
110	MP1B	My	4.5e-5	1
111	MP1B	Mz	-.000256	1
112	MP1B	Y	-.52	7
113	MP1B	My	4.5e-5	7
114	MP1B	Mz	-.000256	7
115	MP1C	Y	-.52	1
116	MP1C	My	.000199	1
117	MP1C	Mz	.000167	1
118	MP1C	Y	-.52	7
119	MP1C	My	.000199	7
120	MP1C	Mz	.000167	7
121	MP4A	Y	-.52	1
122	MP4A	My	-.000244	1
123	MP4A	Mz	8.9e-5	1
124	MP4A	Y	-.52	7
125	MP4A	My	-.000244	7
126	MP4A	Mz	8.9e-5	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
127	MP4B	Y	-.52	1
128	MP4B	My	4.5e-5	1
129	MP4B	Mz	-.000256	1
130	MP4B	Y	-.52	7
131	MP4B	My	4.5e-5	7
132	MP4B	Mz	-.000256	7
133	MP4C	Y	-.52	1
134	MP4C	My	.000199	1
135	MP4C	Mz	.000167	1
136	MP4C	Y	-.52	7
137	MP4C	My	.000199	7
138	MP4C	Mz	.000167	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Z	-4.341	.5
2	MP2A	Mx	.003	.5
3	MP2A	Z	-4.341	6.5
4	MP2A	Mx	.003	6.5
5	MP2B	Z	-4.341	.5
6	MP2B	Mx	.000614	.5
7	MP2B	Z	-4.341	6.5
8	MP2B	Mx	.000614	6.5
9	MP2C	Z	-4.341	.5
10	MP2C	Mx	-.003	.5
11	MP2C	Z	-4.341	6.5
12	MP2C	Mx	-.003	6.5
13	MP2A	Z	-4.341	.5
14	MP2A	Mx	-.003	.5
15	MP2A	Z	-4.341	6.5
16	MP2A	Mx	-.003	6.5
17	MP2B	Z	-4.341	.5
18	MP2B	Mx	.003	.5
19	MP2B	Z	-4.341	6.5
20	MP2B	Mx	.003	6.5
21	MP2C	Z	-4.341	.5
22	MP2C	Mx	.002	.5
23	MP2C	Z	-4.341	6.5
24	MP2C	Mx	.002	6.5
25	MP3A	Z	-4.715	.1
26	MP3A	Mx	0	.1
27	MP3A	Z	-4.715	2.1
28	MP3A	Mx	0	2.1
29	MP3B	Z	-4.715	.1
30	MP3B	Mx	.002	.1
31	MP3B	Z	-4.715	2.1
32	MP3B	Mx	.002	2.1
33	MP3C	Z	-4.715	.1
34	MP3C	Mx	-.000806	.1
35	MP3C	Z	-4.715	2.1
36	MP3C	Mx	-.000806	2.1
37	MP3A	Z	-.238	4
38	MP3A	Mx	0	4
39	MP3A	Z	-.238	4.5
40	MP3A	Mx	0	4.5
41	MP3B	Z	-.238	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3B	Mx	.000103	4
43	MP3B	Z	-.238	4.5
44	MP3B	Mx	.000103	4.5
45	MP3C	Z	-.238	4
46	MP3C	Mx	-4.1e-5	4
47	MP3C	Z	-.238	4.5
48	MP3C	Mx	-4.1e-5	4.5
49	MP2A	Z	-9.138	1.5
50	MP2A	Mx	0	1.5
51	MP2B	Z	-9.138	1.5
52	MP2B	Mx	-.004	1.5
53	MP2C	Z	-9.138	1.5
54	MP2C	Mx	.002	1.5
55	MP2A	Z	-7.611	4.5
56	MP2A	Mx	0	4.5
57	MP2B	Z	-7.611	4.5
58	MP2B	Mx	-.003	4.5
59	MP2C	Z	-7.611	4.5
60	MP2C	Mx	.001	4.5
61	MP2A	Z	-2.243	3
62	MP2A	Mx	0	3
63	MP2B	Z	-2.243	3
64	MP2B	Mx	-.000971	3
65	MP2C	Z	-2.243	3
66	MP2C	Mx	.000384	3
67	M92	Z	-3.465	1
68	M92	Mx	0	1
69	MP1A	Z	-1.299	1
70	MP1A	Mx	-.000222	1
71	MP1A	Z	-1.299	7
72	MP1A	Mx	-.000222	7
73	MP1B	Z	-1.299	1
74	MP1B	Mx	.00064	1
75	MP1B	Z	-1.299	7
76	MP1B	Mx	.00064	7
77	MP1C	Z	-1.299	1
78	MP1C	Mx	-.000418	1
79	MP1C	Z	-1.299	7
80	MP1C	Mx	-.000418	7
81	MP4A	Z	-1.299	1
82	MP4A	Mx	-.000222	1
83	MP4A	Z	-1.299	7
84	MP4A	Mx	-.000222	7
85	MP4B	Z	-1.299	1
86	MP4B	Mx	.00064	1
87	MP4B	Z	-1.299	7
88	MP4B	Mx	.00064	7
89	MP4C	Z	-1.299	1
90	MP4C	Mx	-.000418	1
91	MP4C	Z	-1.299	7
92	MP4C	Mx	-.000418	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	4.341	.5
2	MP2A	Mx	-.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP2A	X	4.341	6.5
4	MP2A	Mx	-.002	6.5
5	MP2B	X	4.341	.5
6	MP2B	Mx	.003	.5
7	MP2B	X	4.341	6.5
8	MP2B	Mx	.003	6.5
9	MP2C	X	4.341	.5
10	MP2C	Mx	.001	.5
11	MP2C	X	4.341	6.5
12	MP2C	Mx	.001	6.5
13	MP2A	X	4.341	.5
14	MP2A	Mx	-.002	.5
15	MP2A	X	4.341	6.5
16	MP2A	Mx	-.002	6.5
17	MP2B	X	4.341	.5
18	MP2B	Mx	-.001	.5
19	MP2B	X	4.341	6.5
20	MP2B	Mx	-.001	6.5
21	MP2C	X	4.341	.5
22	MP2C	Mx	.003	.5
23	MP2C	X	4.341	6.5
24	MP2C	Mx	.003	6.5
25	MP3A	X	4.715	.1
26	MP3A	Mx	-.002	.1
27	MP3A	X	4.715	2.1
28	MP3A	Mx	-.002	2.1
29	MP3B	X	4.715	.1
30	MP3B	Mx	.001	.1
31	MP3B	X	4.715	2.1
32	MP3B	Mx	.001	2.1
33	MP3C	X	4.715	.1
34	MP3C	Mx	.002	.1
35	MP3C	X	4.715	2.1
36	MP3C	Mx	.002	2.1
37	MP3A	X	.238	4
38	MP3A	Mx	-.000119	4
39	MP3A	X	.238	4.5
40	MP3A	Mx	-.000119	4.5
41	MP3B	X	.238	4
42	MP3B	Mx	6e-5	4
43	MP3B	X	.238	4.5
44	MP3B	Mx	6e-5	4.5
45	MP3C	X	.238	4
46	MP3C	Mx	.000112	4
47	MP3C	X	.238	4.5
48	MP3C	Mx	.000112	4.5
49	MP2A	X	9.138	1.5
50	MP2A	Mx	.005	1.5
51	MP2B	X	9.138	1.5
52	MP2B	Mx	-.002	1.5
53	MP2C	X	9.138	1.5
54	MP2C	Mx	-.004	1.5
55	MP2A	X	7.611	4.5
56	MP2A	Mx	.004	4.5
57	MP2B	X	7.611	4.5
58	MP2B	Mx	-.002	4.5
59	MP2C	X	7.611	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP2C	Mx	-.004	4.5
61	MP2A	X	2.243	3
62	MP2A	Mx	.001	3
63	MP2B	X	2.243	3
64	MP2B	Mx	-.000561	3
65	MP2C	X	2.243	3
66	MP2C	Mx	-.001	3
67	M92	X	3.465	1
68	M92	Mx	0	1
69	MP1A	X	1.299	1
70	MP1A	Mx	-.00061	1
71	MP1A	X	1.299	7
72	MP1A	Mx	-.00061	7
73	MP1B	X	1.299	1
74	MP1B	Mx	.000113	1
75	MP1B	X	1.299	7
76	MP1B	Mx	.000113	7
77	MP1C	X	1.299	1
78	MP1C	Mx	.000498	1
79	MP1C	X	1.299	7
80	MP1C	Mx	.000498	7
81	MP4A	X	1.299	1
82	MP4A	Mx	-.00061	1
83	MP4A	X	1.299	7
84	MP4A	Mx	-.00061	7
85	MP4B	X	1.299	1
86	MP4B	Mx	.000113	1
87	MP4B	X	1.299	7
88	MP4B	Mx	.000113	7
89	MP4C	X	1.299	1
90	MP4C	Mx	.000498	1
91	MP4C	X	1.299	7
92	MP4C	Mx	.000498	7

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	Y	-9.214	-9.214	0	%100
2	M14	Y	-9.214	-9.214	0	%100
3	M27	Y	-9.214	-9.214	0	%100
4	M40	Y	-9.214	-9.214	0	%100
5	M41	Y	-9.214	-9.214	0	%100
6	M42	Y	-9.214	-9.214	0	%100
7	M43	Y	-5.365	-5.365	0	%100
8	M44	Y	-5.365	-5.365	0	%100
9	M45	Y	-5.365	-5.365	0	%100
10	M46	Y	-5.365	-5.365	0	%100
11	M51	Y	-5.365	-5.365	0	%100
12	M52	Y	-5.365	-5.365	0	%100
13	M53	Y	-5.365	-5.365	0	%100
14	M54	Y	-5.365	-5.365	0	%100
15	M59	Y	-5.365	-5.365	0	%100
16	M60	Y	-5.365	-5.365	0	%100
17	M61	Y	-5.365	-5.365	0	%100
18	M62	Y	-5.365	-5.365	0	%100
19	MP4A	Y	-4.748	-4.748	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
20	MP3A	Y	-4.748	-4.748	0	%100
21	MP2A	Y	-4.748	-4.748	0	%100
22	MP1A	Y	-4.748	-4.748	0	%100
23	MP4C	Y	-4.748	-4.748	0	%100
24	MP3C	Y	-4.748	-4.748	0	%100
25	MP2C	Y	-4.748	-4.748	0	%100
26	MP1C	Y	-4.748	-4.748	0	%100
27	MP4B	Y	-4.748	-4.748	0	%100
28	MP3B	Y	-4.748	-4.748	0	%100
29	MP2B	Y	-4.748	-4.748	0	%100
30	MP1B	Y	-4.748	-4.748	0	%100
31	M92	Y	-4.748	-4.748	0	%100
32	M97	Y	-5.428	-5.428	0	%100
33	M102	Y	-5.428	-5.428	0	%100
34	M107	Y	-5.428	-5.428	0	%100
35	M114	Y	-7.289	-7.289	0	%100
36	M115	Y	-7.289	-7.289	0	%100
37	M116	Y	-7.289	-7.289	0	%100
38	M117	Y	-10.701	-10.701	0	%100
39	M118	Y	-10.701	-10.701	0	%100
40	M119	Y	-10.701	-10.701	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M14	X	0	0	0	%100
4	M14	Z	-11.027	-11.027	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	-11.027	-11.027	0	%100
7	M40	X	0	0	0	%100
8	M40	Z	-3.803	-3.803	0	%100
9	M41	X	0	0	0	%100
10	M41	Z	-3.803	-3.803	0	%100
11	M42	X	0	0	0	%100
12	M42	Z	-15.213	-15.213	0	%100
13	M43	X	0	0	0	%100
14	M43	Z	0	0	0	%100
15	M44	X	0	0	0	%100
16	M44	Z	0	0	0	%100
17	M45	X	0	0	0	%100
18	M45	Z	0	0	0	%100
19	M46	X	0	0	0	%100
20	M46	Z	0	0	0	%100
21	M51	X	0	0	0	%100
22	M51	Z	-6.035	-6.035	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	-6.035	-6.035	0	%100
25	M53	X	0	0	0	%100
26	M53	Z	-6.035	-6.035	0	%100
27	M54	X	0	0	0	%100
28	M54	Z	-6.035	-6.035	0	%100
29	M59	X	0	0	0	%100
30	M59	Z	-6.035	-6.035	0	%100
31	M60	X	0	0	0	%100
32	M60	Z	-6.035	-6.035	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
33	M61	X	0	0	0	%100
34	M61	Z	-6.035	-6.035	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	-6.035	-6.035	0	%100
37	MP4A	X	0	0	0	%100
38	MP4A	Z	-8.671	-8.671	0	%100
39	MP3A	X	0	0	0	%100
40	MP3A	Z	-8.671	-8.671	0	%100
41	MP2A	X	0	0	0	%100
42	MP2A	Z	-8.671	-8.671	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	-8.671	-8.671	0	%100
45	MP4C	X	0	0	0	%100
46	MP4C	Z	-8.671	-8.671	0	%100
47	MP3C	X	0	0	0	%100
48	MP3C	Z	-8.671	-8.671	0	%100
49	MP2C	X	0	0	0	%100
50	MP2C	Z	-8.671	-8.671	0	%100
51	MP1C	X	0	0	0	%100
52	MP1C	Z	-8.671	-8.671	0	%100
53	MP4B	X	0	0	0	%100
54	MP4B	Z	-8.671	-8.671	0	%100
55	MP3B	X	0	0	0	%100
56	MP3B	Z	-8.671	-8.671	0	%100
57	MP2B	X	0	0	0	%100
58	MP2B	Z	-8.671	-8.671	0	%100
59	MP1B	X	0	0	0	%100
60	MP1B	Z	-8.671	-8.671	0	%100
61	M92	X	0	0	0	%100
62	M92	Z	-7.902	-7.902	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	-10.497	-10.497	0	%100
65	M102	X	0	0	0	%100
66	M102	Z	-2.624	-2.624	0	%100
67	M107	X	0	0	0	%100
68	M107	Z	-2.624	-2.624	0	%100
69	M114	X	0	0	0	%100
70	M114	Z	-3.299	-3.299	0	%100
71	M115	X	0	0	0	%100
72	M115	Z	-3.299	-3.299	0	%100
73	M116	X	0	0	0	%100
74	M116	Z	-13.195	-13.195	0	%100
75	M117	X	0	0	0	%100
76	M117	Z	-9.108	-9.108	0	%100
77	M118	X	0	0	0	%100
78	M118	Z	-15.288	-15.288	0	%100
79	M119	X	0	0	0	%100
80	M119	Z	-15.288	-15.288	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	1.838	1.838	0	%100
2	M4	Z	-3.183	-3.183	0	%100
3	M14	X	1.838	1.838	0	%100
4	M14	Z	-3.183	-3.183	0	%100
5	M27	X	7.351	7.351	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
6	M27	Z	-12.733	-12.733	0	%100
7	M40	X	0	0	0	%100
8	M40	Z	0	0	0	%100
9	M41	X	5.705	5.705	0	%100
10	M41	Z	-9.881	-9.881	0	%100
11	M42	X	5.705	5.705	0	%100
12	M42	Z	-9.881	-9.881	0	%100
13	M43	X	1.006	1.006	0	%100
14	M43	Z	-1.742	-1.742	0	%100
15	M44	X	1.006	1.006	0	%100
16	M44	Z	-1.742	-1.742	0	%100
17	M45	X	1.006	1.006	0	%100
18	M45	Z	-1.742	-1.742	0	%100
19	M46	X	1.006	1.006	0	%100
20	M46	Z	-1.742	-1.742	0	%100
21	M51	X	1.006	1.006	0	%100
22	M51	Z	-1.742	-1.742	0	%100
23	M52	X	1.006	1.006	0	%100
24	M52	Z	-1.742	-1.742	0	%100
25	M53	X	1.006	1.006	0	%100
26	M53	Z	-1.742	-1.742	0	%100
27	M54	X	1.006	1.006	0	%100
28	M54	Z	-1.742	-1.742	0	%100
29	M59	X	4.023	4.023	0	%100
30	M59	Z	-6.968	-6.968	0	%100
31	M60	X	4.023	4.023	0	%100
32	M60	Z	-6.968	-6.968	0	%100
33	M61	X	4.023	4.023	0	%100
34	M61	Z	-6.968	-6.968	0	%100
35	M62	X	4.023	4.023	0	%100
36	M62	Z	-6.968	-6.968	0	%100
37	MP4A	X	4.336	4.336	0	%100
38	MP4A	Z	-7.51	-7.51	0	%100
39	MP3A	X	4.336	4.336	0	%100
40	MP3A	Z	-7.51	-7.51	0	%100
41	MP2A	X	4.336	4.336	0	%100
42	MP2A	Z	-7.51	-7.51	0	%100
43	MP1A	X	4.336	4.336	0	%100
44	MP1A	Z	-7.51	-7.51	0	%100
45	MP4C	X	4.336	4.336	0	%100
46	MP4C	Z	-7.51	-7.51	0	%100
47	MP3C	X	4.336	4.336	0	%100
48	MP3C	Z	-7.51	-7.51	0	%100
49	MP2C	X	4.336	4.336	0	%100
50	MP2C	Z	-7.51	-7.51	0	%100
51	MP1C	X	4.336	4.336	0	%100
52	MP1C	Z	-7.51	-7.51	0	%100
53	MP4B	X	4.336	4.336	0	%100
54	MP4B	Z	-7.51	-7.51	0	%100
55	MP3B	X	4.336	4.336	0	%100
56	MP3B	Z	-7.51	-7.51	0	%100
57	MP2B	X	4.336	4.336	0	%100
58	MP2B	Z	-7.51	-7.51	0	%100
59	MP1B	X	4.336	4.336	0	%100
60	MP1B	Z	-7.51	-7.51	0	%100
61	M92	X	3.951	3.951	0	%100
62	M92	Z	-6.844	-6.844	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
63	M97	X	3.936	3.936	0	%100
64	M97	Z	-6.818	-6.818	0	%100
65	M102	X	3.936	3.936	0	%100
66	M102	Z	-6.818	-6.818	0	%100
67	M107	X	0	0	0	%100
68	M107	Z	0	0	0	%100
69	M114	X	4.948	4.948	0	%100
70	M114	Z	-8.57	-8.57	0	%100
71	M115	X	0	0	0	%100
72	M115	Z	0	0	0	%100
73	M116	X	4.948	4.948	0	%100
74	M116	Z	-8.57	-8.57	0	%100
75	M117	X	5.584	5.584	0	%100
76	M117	Z	-9.672	-9.672	0	%100
77	M118	X	5.584	5.584	0	%100
78	M118	Z	-9.672	-9.672	0	%100
79	M119	X	8.674	8.674	0	%100
80	M119	Z	-15.024	-15.024	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	9.55	9.55	0	%100
2	M4	Z	-5.514	-5.514	0	%100
3	M14	X	0	0	0	%100
4	M14	Z	0	0	0	%100
5	M27	X	9.55	9.55	0	%100
6	M27	Z	-5.514	-5.514	0	%100
7	M40	X	3.294	3.294	0	%100
8	M40	Z	-1.902	-1.902	0	%100
9	M41	X	13.175	13.175	0	%100
10	M41	Z	-7.607	-7.607	0	%100
11	M42	X	3.294	3.294	0	%100
12	M42	Z	-1.902	-1.902	0	%100
13	M43	X	5.226	5.226	0	%100
14	M43	Z	-3.017	-3.017	0	%100
15	M44	X	5.226	5.226	0	%100
16	M44	Z	-3.017	-3.017	0	%100
17	M45	X	5.226	5.226	0	%100
18	M45	Z	-3.017	-3.017	0	%100
19	M46	X	5.226	5.226	0	%100
20	M46	Z	-3.017	-3.017	0	%100
21	M51	X	0	0	0	%100
22	M51	Z	0	0	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	0	0	0	%100
25	M53	X	0	0	0	%100
26	M53	Z	0	0	0	%100
27	M54	X	0	0	0	%100
28	M54	Z	0	0	0	%100
29	M59	X	5.226	5.226	0	%100
30	M59	Z	-3.017	-3.017	0	%100
31	M60	X	5.226	5.226	0	%100
32	M60	Z	-3.017	-3.017	0	%100
33	M61	X	5.226	5.226	0	%100
34	M61	Z	-3.017	-3.017	0	%100
35	M62	X	5.226	5.226	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
36	M62	Z	-3.017	-3.017	0	%100
37	MP4A	X	7.51	7.51	0	%100
38	MP4A	Z	-4.336	-4.336	0	%100
39	MP3A	X	7.51	7.51	0	%100
40	MP3A	Z	-4.336	-4.336	0	%100
41	MP2A	X	7.51	7.51	0	%100
42	MP2A	Z	-4.336	-4.336	0	%100
43	MP1A	X	7.51	7.51	0	%100
44	MP1A	Z	-4.336	-4.336	0	%100
45	MP4C	X	7.51	7.51	0	%100
46	MP4C	Z	-4.336	-4.336	0	%100
47	MP3C	X	7.51	7.51	0	%100
48	MP3C	Z	-4.336	-4.336	0	%100
49	MP2C	X	7.51	7.51	0	%100
50	MP2C	Z	-4.336	-4.336	0	%100
51	MP1C	X	7.51	7.51	0	%100
52	MP1C	Z	-4.336	-4.336	0	%100
53	MP4B	X	7.51	7.51	0	%100
54	MP4B	Z	-4.336	-4.336	0	%100
55	MP3B	X	7.51	7.51	0	%100
56	MP3B	Z	-4.336	-4.336	0	%100
57	MP2B	X	7.51	7.51	0	%100
58	MP2B	Z	-4.336	-4.336	0	%100
59	MP1B	X	7.51	7.51	0	%100
60	MP1B	Z	-4.336	-4.336	0	%100
61	M92	X	6.844	6.844	0	%100
62	M92	Z	-3.951	-3.951	0	%100
63	M97	X	2.273	2.273	0	%100
64	M97	Z	-1.312	-1.312	0	%100
65	M102	X	9.091	9.091	0	%100
66	M102	Z	-5.249	-5.249	0	%100
67	M107	X	2.273	2.273	0	%100
68	M107	Z	-1.312	-1.312	0	%100
69	M114	X	11.427	11.427	0	%100
70	M114	Z	-6.598	-6.598	0	%100
71	M115	X	2.857	2.857	0	%100
72	M115	Z	-1.649	-1.649	0	%100
73	M116	X	2.857	2.857	0	%100
74	M116	Z	-1.649	-1.649	0	%100
75	M117	X	13.24	13.24	0	%100
76	M117	Z	-7.644	-7.644	0	%100
77	M118	X	7.888	7.888	0	%100
78	M118	Z	-4.554	-4.554	0	%100
79	M119	X	13.24	13.24	0	%100
80	M119	Z	-7.644	-7.644	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	14.703	14.703	0	%100
2	M4	Z	0	0	0	%100
3	M14	X	3.676	3.676	0	%100
4	M14	Z	0	0	0	%100
5	M27	X	3.676	3.676	0	%100
6	M27	Z	0	0	0	%100
7	M40	X	11.41	11.41	0	%100
8	M40	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
9	M41	X	11.41	11.41	0	%100
10	M41	Z	0	0	0	%100
11	M42	X	0	0	0	%100
12	M42	Z	0	0	0	%100
13	M43	X	8.046	8.046	0	%100
14	M43	Z	0	0	0	%100
15	M44	X	8.046	8.046	0	%100
16	M44	Z	0	0	0	%100
17	M45	X	8.046	8.046	0	%100
18	M45	Z	0	0	0	%100
19	M46	X	8.046	8.046	0	%100
20	M46	Z	0	0	0	%100
21	M51	X	2.012	2.012	0	%100
22	M51	Z	0	0	0	%100
23	M52	X	2.012	2.012	0	%100
24	M52	Z	0	0	0	%100
25	M53	X	2.012	2.012	0	%100
26	M53	Z	0	0	0	%100
27	M54	X	2.012	2.012	0	%100
28	M54	Z	0	0	0	%100
29	M59	X	2.012	2.012	0	%100
30	M59	Z	0	0	0	%100
31	M60	X	2.012	2.012	0	%100
32	M60	Z	0	0	0	%100
33	M61	X	2.012	2.012	0	%100
34	M61	Z	0	0	0	%100
35	M62	X	2.012	2.012	0	%100
36	M62	Z	0	0	0	%100
37	MP4A	X	8.671	8.671	0	%100
38	MP4A	Z	0	0	0	%100
39	MP3A	X	8.671	8.671	0	%100
40	MP3A	Z	0	0	0	%100
41	MP2A	X	8.671	8.671	0	%100
42	MP2A	Z	0	0	0	%100
43	MP1A	X	8.671	8.671	0	%100
44	MP1A	Z	0	0	0	%100
45	MP4C	X	8.671	8.671	0	%100
46	MP4C	Z	0	0	0	%100
47	MP3C	X	8.671	8.671	0	%100
48	MP3C	Z	0	0	0	%100
49	MP2C	X	8.671	8.671	0	%100
50	MP2C	Z	0	0	0	%100
51	MP1C	X	8.671	8.671	0	%100
52	MP1C	Z	0	0	0	%100
53	MP4B	X	8.671	8.671	0	%100
54	MP4B	Z	0	0	0	%100
55	MP3B	X	8.671	8.671	0	%100
56	MP3B	Z	0	0	0	%100
57	MP2B	X	8.671	8.671	0	%100
58	MP2B	Z	0	0	0	%100
59	MP1B	X	8.671	8.671	0	%100
60	MP1B	Z	0	0	0	%100
61	M92	X	7.902	7.902	0	%100
62	M92	Z	0	0	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	0	0	0	%100
65	M102	X	7.873	7.873	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
66	M102	Z	0	0	0	%100
67	M107	X	7.873	7.873	0	%100
68	M107	Z	0	0	0	%100
69	M114	X	9.896	9.896	0	%100
70	M114	Z	0	0	0	%100
71	M115	X	9.896	9.896	0	%100
72	M115	Z	0	0	0	%100
73	M116	X	0	0	0	%100
74	M116	Z	0	0	0	%100
75	M117	X	17.348	17.348	0	%100
76	M117	Z	0	0	0	%100
77	M118	X	11.168	11.168	0	%100
78	M118	Z	0	0	0	%100
79	M119	X	11.168	11.168	0	%100
80	M119	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	9.55	9.55	0	%100
2	M4	Z	5.514	5.514	0	%100
3	M14	X	9.55	9.55	0	%100
4	M14	Z	5.514	5.514	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	0	0	0	%100
7	M40	X	13.175	13.175	0	%100
8	M40	Z	7.607	7.607	0	%100
9	M41	X	3.294	3.294	0	%100
10	M41	Z	1.902	1.902	0	%100
11	M42	X	3.294	3.294	0	%100
12	M42	Z	1.902	1.902	0	%100
13	M43	X	5.226	5.226	0	%100
14	M43	Z	3.017	3.017	0	%100
15	M44	X	5.226	5.226	0	%100
16	M44	Z	3.017	3.017	0	%100
17	M45	X	5.226	5.226	0	%100
18	M45	Z	3.017	3.017	0	%100
19	M46	X	5.226	5.226	0	%100
20	M46	Z	3.017	3.017	0	%100
21	M51	X	5.226	5.226	0	%100
22	M51	Z	3.017	3.017	0	%100
23	M52	X	5.226	5.226	0	%100
24	M52	Z	3.017	3.017	0	%100
25	M53	X	5.226	5.226	0	%100
26	M53	Z	3.017	3.017	0	%100
27	M54	X	5.226	5.226	0	%100
28	M54	Z	3.017	3.017	0	%100
29	M59	X	0	0	0	%100
30	M59	Z	0	0	0	%100
31	M60	X	0	0	0	%100
32	M60	Z	0	0	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	0	0	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	0	0	0	%100
37	MP4A	X	7.51	7.51	0	%100
38	MP4A	Z	4.336	4.336	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
39	MP3A	X	7.51	7.51	0	%100
40	MP3A	Z	4.336	4.336	0	%100
41	MP2A	X	7.51	7.51	0	%100
42	MP2A	Z	4.336	4.336	0	%100
43	MP1A	X	7.51	7.51	0	%100
44	MP1A	Z	4.336	4.336	0	%100
45	MP4C	X	7.51	7.51	0	%100
46	MP4C	Z	4.336	4.336	0	%100
47	MP3C	X	7.51	7.51	0	%100
48	MP3C	Z	4.336	4.336	0	%100
49	MP2C	X	7.51	7.51	0	%100
50	MP2C	Z	4.336	4.336	0	%100
51	MP1C	X	7.51	7.51	0	%100
52	MP1C	Z	4.336	4.336	0	%100
53	MP4B	X	7.51	7.51	0	%100
54	MP4B	Z	4.336	4.336	0	%100
55	MP3B	X	7.51	7.51	0	%100
56	MP3B	Z	4.336	4.336	0	%100
57	MP2B	X	7.51	7.51	0	%100
58	MP2B	Z	4.336	4.336	0	%100
59	MP1B	X	7.51	7.51	0	%100
60	MP1B	Z	4.336	4.336	0	%100
61	M92	X	6.844	6.844	0	%100
62	M92	Z	3.951	3.951	0	%100
63	M97	X	2.273	2.273	0	%100
64	M97	Z	1.312	1.312	0	%100
65	M102	X	2.273	2.273	0	%100
66	M102	Z	1.312	1.312	0	%100
67	M107	X	9.091	9.091	0	%100
68	M107	Z	5.249	5.249	0	%100
69	M114	X	2.857	2.857	0	%100
70	M114	Z	1.649	1.649	0	%100
71	M115	X	11.427	11.427	0	%100
72	M115	Z	6.598	6.598	0	%100
73	M116	X	2.857	2.857	0	%100
74	M116	Z	1.649	1.649	0	%100
75	M117	X	13.24	13.24	0	%100
76	M117	Z	7.644	7.644	0	%100
77	M118	X	13.24	13.24	0	%100
78	M118	Z	7.644	7.644	0	%100
79	M119	X	7.888	7.888	0	%100
80	M119	Z	4.554	4.554	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	1.838	1.838	0	%100
2	M4	Z	3.183	3.183	0	%100
3	M14	X	7.351	7.351	0	%100
4	M14	Z	12.733	12.733	0	%100
5	M27	X	1.838	1.838	0	%100
6	M27	Z	3.183	3.183	0	%100
7	M40	X	5.705	5.705	0	%100
8	M40	Z	9.881	9.881	0	%100
9	M41	X	0	0	0	%100
10	M41	Z	0	0	0	%100
11	M42	X	5.705	5.705	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
12	M42	Z	9.881	9.881	0	%100
13	M43	X	1.006	1.006	0	%100
14	M43	Z	1.742	1.742	0	%100
15	M44	X	1.006	1.006	0	%100
16	M44	Z	1.742	1.742	0	%100
17	M45	X	1.006	1.006	0	%100
18	M45	Z	1.742	1.742	0	%100
19	M46	X	1.006	1.006	0	%100
20	M46	Z	1.742	1.742	0	%100
21	M51	X	4.023	4.023	0	%100
22	M51	Z	6.968	6.968	0	%100
23	M52	X	4.023	4.023	0	%100
24	M52	Z	6.968	6.968	0	%100
25	M53	X	4.023	4.023	0	%100
26	M53	Z	6.968	6.968	0	%100
27	M54	X	4.023	4.023	0	%100
28	M54	Z	6.968	6.968	0	%100
29	M59	X	1.006	1.006	0	%100
30	M59	Z	1.742	1.742	0	%100
31	M60	X	1.006	1.006	0	%100
32	M60	Z	1.742	1.742	0	%100
33	M61	X	1.006	1.006	0	%100
34	M61	Z	1.742	1.742	0	%100
35	M62	X	1.006	1.006	0	%100
36	M62	Z	1.742	1.742	0	%100
37	MP4A	X	4.336	4.336	0	%100
38	MP4A	Z	7.51	7.51	0	%100
39	MP3A	X	4.336	4.336	0	%100
40	MP3A	Z	7.51	7.51	0	%100
41	MP2A	X	4.336	4.336	0	%100
42	MP2A	Z	7.51	7.51	0	%100
43	MP1A	X	4.336	4.336	0	%100
44	MP1A	Z	7.51	7.51	0	%100
45	MP4C	X	4.336	4.336	0	%100
46	MP4C	Z	7.51	7.51	0	%100
47	MP3C	X	4.336	4.336	0	%100
48	MP3C	Z	7.51	7.51	0	%100
49	MP2C	X	4.336	4.336	0	%100
50	MP2C	Z	7.51	7.51	0	%100
51	MP1C	X	4.336	4.336	0	%100
52	MP1C	Z	7.51	7.51	0	%100
53	MP4B	X	4.336	4.336	0	%100
54	MP4B	Z	7.51	7.51	0	%100
55	MP3B	X	4.336	4.336	0	%100
56	MP3B	Z	7.51	7.51	0	%100
57	MP2B	X	4.336	4.336	0	%100
58	MP2B	Z	7.51	7.51	0	%100
59	MP1B	X	4.336	4.336	0	%100
60	MP1B	Z	7.51	7.51	0	%100
61	M92	X	3.951	3.951	0	%100
62	M92	Z	6.844	6.844	0	%100
63	M97	X	3.936	3.936	0	%100
64	M97	Z	6.818	6.818	0	%100
65	M102	X	0	0	0	%100
66	M102	Z	0	0	0	%100
67	M107	X	3.936	3.936	0	%100
68	M107	Z	6.818	6.818	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
69	M114	X	0	0	0	%100
70	M114	Z	0	0	0	%100
71	M115	X	4.948	4.948	0	%100
72	M115	Z	8.57	8.57	0	%100
73	M116	X	4.948	4.948	0	%100
74	M116	Z	8.57	8.57	0	%100
75	M117	X	5.584	5.584	0	%100
76	M117	Z	9.672	9.672	0	%100
77	M118	X	8.674	8.674	0	%100
78	M118	Z	15.024	15.024	0	%100
79	M119	X	5.584	5.584	0	%100
80	M119	Z	9.672	9.672	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M14	X	0	0	0	%100
4	M14	Z	11.027	11.027	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	11.027	11.027	0	%100
7	M40	X	0	0	0	%100
8	M40	Z	3.803	3.803	0	%100
9	M41	X	0	0	0	%100
10	M41	Z	3.803	3.803	0	%100
11	M42	X	0	0	0	%100
12	M42	Z	15.213	15.213	0	%100
13	M43	X	0	0	0	%100
14	M43	Z	0	0	0	%100
15	M44	X	0	0	0	%100
16	M44	Z	0	0	0	%100
17	M45	X	0	0	0	%100
18	M45	Z	0	0	0	%100
19	M46	X	0	0	0	%100
20	M46	Z	0	0	0	%100
21	M51	X	0	0	0	%100
22	M51	Z	6.035	6.035	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	6.035	6.035	0	%100
25	M53	X	0	0	0	%100
26	M53	Z	6.035	6.035	0	%100
27	M54	X	0	0	0	%100
28	M54	Z	6.035	6.035	0	%100
29	M59	X	0	0	0	%100
30	M59	Z	6.035	6.035	0	%100
31	M60	X	0	0	0	%100
32	M60	Z	6.035	6.035	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	6.035	6.035	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	6.035	6.035	0	%100
37	MP4A	X	0	0	0	%100
38	MP4A	Z	8.671	8.671	0	%100
39	MP3A	X	0	0	0	%100
40	MP3A	Z	8.671	8.671	0	%100
41	MP2A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
42	MP2A	Z	8.671	8.671	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	8.671	8.671	0	%100
45	MP4C	X	0	0	0	%100
46	MP4C	Z	8.671	8.671	0	%100
47	MP3C	X	0	0	0	%100
48	MP3C	Z	8.671	8.671	0	%100
49	MP2C	X	0	0	0	%100
50	MP2C	Z	8.671	8.671	0	%100
51	MP1C	X	0	0	0	%100
52	MP1C	Z	8.671	8.671	0	%100
53	MP4B	X	0	0	0	%100
54	MP4B	Z	8.671	8.671	0	%100
55	MP3B	X	0	0	0	%100
56	MP3B	Z	8.671	8.671	0	%100
57	MP2B	X	0	0	0	%100
58	MP2B	Z	8.671	8.671	0	%100
59	MP1B	X	0	0	0	%100
60	MP1B	Z	8.671	8.671	0	%100
61	M92	X	0	0	0	%100
62	M92	Z	7.902	7.902	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	10.497	10.497	0	%100
65	M102	X	0	0	0	%100
66	M102	Z	2.624	2.624	0	%100
67	M107	X	0	0	0	%100
68	M107	Z	2.624	2.624	0	%100
69	M114	X	0	0	0	%100
70	M114	Z	3.299	3.299	0	%100
71	M115	X	0	0	0	%100
72	M115	Z	3.299	3.299	0	%100
73	M116	X	0	0	0	%100
74	M116	Z	13.195	13.195	0	%100
75	M117	X	0	0	0	%100
76	M117	Z	9.108	9.108	0	%100
77	M118	X	0	0	0	%100
78	M118	Z	15.288	15.288	0	%100
79	M119	X	0	0	0	%100
80	M119	Z	15.288	15.288	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	-1.838	-1.838	0	%100
2	M4	Z	3.183	3.183	0	%100
3	M14	X	-1.838	-1.838	0	%100
4	M14	Z	3.183	3.183	0	%100
5	M27	X	-7.351	-7.351	0	%100
6	M27	Z	12.733	12.733	0	%100
7	M40	X	0	0	0	%100
8	M40	Z	0	0	0	%100
9	M41	X	-5.705	-5.705	0	%100
10	M41	Z	9.881	9.881	0	%100
11	M42	X	-5.705	-5.705	0	%100
12	M42	Z	9.881	9.881	0	%100
13	M43	X	-1.006	-1.006	0	%100
14	M43	Z	1.742	1.742	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
15	M44	X	-1.006	-1.006	0	%100
16	M44	Z	1.742	1.742	0	%100
17	M45	X	-1.006	-1.006	0	%100
18	M45	Z	1.742	1.742	0	%100
19	M46	X	-1.006	-1.006	0	%100
20	M46	Z	1.742	1.742	0	%100
21	M51	X	-1.006	-1.006	0	%100
22	M51	Z	1.742	1.742	0	%100
23	M52	X	-1.006	-1.006	0	%100
24	M52	Z	1.742	1.742	0	%100
25	M53	X	-1.006	-1.006	0	%100
26	M53	Z	1.742	1.742	0	%100
27	M54	X	-1.006	-1.006	0	%100
28	M54	Z	1.742	1.742	0	%100
29	M59	X	-4.023	-4.023	0	%100
30	M59	Z	6.968	6.968	0	%100
31	M60	X	-4.023	-4.023	0	%100
32	M60	Z	6.968	6.968	0	%100
33	M61	X	-4.023	-4.023	0	%100
34	M61	Z	6.968	6.968	0	%100
35	M62	X	-4.023	-4.023	0	%100
36	M62	Z	6.968	6.968	0	%100
37	MP4A	X	-4.336	-4.336	0	%100
38	MP4A	Z	7.51	7.51	0	%100
39	MP3A	X	-4.336	-4.336	0	%100
40	MP3A	Z	7.51	7.51	0	%100
41	MP2A	X	-4.336	-4.336	0	%100
42	MP2A	Z	7.51	7.51	0	%100
43	MP1A	X	-4.336	-4.336	0	%100
44	MP1A	Z	7.51	7.51	0	%100
45	MP4C	X	-4.336	-4.336	0	%100
46	MP4C	Z	7.51	7.51	0	%100
47	MP3C	X	-4.336	-4.336	0	%100
48	MP3C	Z	7.51	7.51	0	%100
49	MP2C	X	-4.336	-4.336	0	%100
50	MP2C	Z	7.51	7.51	0	%100
51	MP1C	X	-4.336	-4.336	0	%100
52	MP1C	Z	7.51	7.51	0	%100
53	MP4B	X	-4.336	-4.336	0	%100
54	MP4B	Z	7.51	7.51	0	%100
55	MP3B	X	-4.336	-4.336	0	%100
56	MP3B	Z	7.51	7.51	0	%100
57	MP2B	X	-4.336	-4.336	0	%100
58	MP2B	Z	7.51	7.51	0	%100
59	MP1B	X	-4.336	-4.336	0	%100
60	MP1B	Z	7.51	7.51	0	%100
61	M92	X	-3.951	-3.951	0	%100
62	M92	Z	6.844	6.844	0	%100
63	M97	X	-3.936	-3.936	0	%100
64	M97	Z	6.818	6.818	0	%100
65	M102	X	-3.936	-3.936	0	%100
66	M102	Z	6.818	6.818	0	%100
67	M107	X	0	0	0	%100
68	M107	Z	0	0	0	%100
69	M114	X	-4.948	-4.948	0	%100
70	M114	Z	8.57	8.57	0	%100
71	M115	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
72	M115	Z	0	0	0	%100
73	M116	X	-4.948	-4.948	0	%100
74	M116	Z	8.57	8.57	0	%100
75	M117	X	-5.584	-5.584	0	%100
76	M117	Z	9.672	9.672	0	%100
77	M118	X	-5.584	-5.584	0	%100
78	M118	Z	9.672	9.672	0	%100
79	M119	X	-8.674	-8.674	0	%100
80	M119	Z	15.024	15.024	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	-9.55	-9.55	0	%100
2	M4	Z	5.514	5.514	0	%100
3	M14	X	0	0	0	%100
4	M14	Z	0	0	0	%100
5	M27	X	-9.55	-9.55	0	%100
6	M27	Z	5.514	5.514	0	%100
7	M40	X	-3.294	-3.294	0	%100
8	M40	Z	1.902	1.902	0	%100
9	M41	X	-13.175	-13.175	0	%100
10	M41	Z	7.607	7.607	0	%100
11	M42	X	-3.294	-3.294	0	%100
12	M42	Z	1.902	1.902	0	%100
13	M43	X	-5.226	-5.226	0	%100
14	M43	Z	3.017	3.017	0	%100
15	M44	X	-5.226	-5.226	0	%100
16	M44	Z	3.017	3.017	0	%100
17	M45	X	-5.226	-5.226	0	%100
18	M45	Z	3.017	3.017	0	%100
19	M46	X	-5.226	-5.226	0	%100
20	M46	Z	3.017	3.017	0	%100
21	M51	X	0	0	0	%100
22	M51	Z	0	0	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	0	0	0	%100
25	M53	X	0	0	0	%100
26	M53	Z	0	0	0	%100
27	M54	X	0	0	0	%100
28	M54	Z	0	0	0	%100
29	M59	X	-5.226	-5.226	0	%100
30	M59	Z	3.017	3.017	0	%100
31	M60	X	-5.226	-5.226	0	%100
32	M60	Z	3.017	3.017	0	%100
33	M61	X	-5.226	-5.226	0	%100
34	M61	Z	3.017	3.017	0	%100
35	M62	X	-5.226	-5.226	0	%100
36	M62	Z	3.017	3.017	0	%100
37	MP4A	X	-7.51	-7.51	0	%100
38	MP4A	Z	4.336	4.336	0	%100
39	MP3A	X	-7.51	-7.51	0	%100
40	MP3A	Z	4.336	4.336	0	%100
41	MP2A	X	-7.51	-7.51	0	%100
42	MP2A	Z	4.336	4.336	0	%100
43	MP1A	X	-7.51	-7.51	0	%100
44	MP1A	Z	4.336	4.336	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
45	MP4C	X	-7.51	-7.51	0	%100
46	MP4C	Z	4.336	4.336	0	%100
47	MP3C	X	-7.51	-7.51	0	%100
48	MP3C	Z	4.336	4.336	0	%100
49	MP2C	X	-7.51	-7.51	0	%100
50	MP2C	Z	4.336	4.336	0	%100
51	MP1C	X	-7.51	-7.51	0	%100
52	MP1C	Z	4.336	4.336	0	%100
53	MP4B	X	-7.51	-7.51	0	%100
54	MP4B	Z	4.336	4.336	0	%100
55	MP3B	X	-7.51	-7.51	0	%100
56	MP3B	Z	4.336	4.336	0	%100
57	MP2B	X	-7.51	-7.51	0	%100
58	MP2B	Z	4.336	4.336	0	%100
59	MP1B	X	-7.51	-7.51	0	%100
60	MP1B	Z	4.336	4.336	0	%100
61	M92	X	-6.844	-6.844	0	%100
62	M92	Z	3.951	3.951	0	%100
63	M97	X	-2.273	-2.273	0	%100
64	M97	Z	1.312	1.312	0	%100
65	M102	X	-9.091	-9.091	0	%100
66	M102	Z	5.249	5.249	0	%100
67	M107	X	-2.273	-2.273	0	%100
68	M107	Z	1.312	1.312	0	%100
69	M114	X	-11.427	-11.427	0	%100
70	M114	Z	6.598	6.598	0	%100
71	M115	X	-2.857	-2.857	0	%100
72	M115	Z	1.649	1.649	0	%100
73	M116	X	-2.857	-2.857	0	%100
74	M116	Z	1.649	1.649	0	%100
75	M117	X	-13.24	-13.24	0	%100
76	M117	Z	7.644	7.644	0	%100
77	M118	X	-7.888	-7.888	0	%100
78	M118	Z	4.554	4.554	0	%100
79	M119	X	-13.24	-13.24	0	%100
80	M119	Z	7.644	7.644	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	-14.703	-14.703	0	%100
2	M4	Z	0	0	0	%100
3	M14	X	-3.676	-3.676	0	%100
4	M14	Z	0	0	0	%100
5	M27	X	-3.676	-3.676	0	%100
6	M27	Z	0	0	0	%100
7	M40	X	-11.41	-11.41	0	%100
8	M40	Z	0	0	0	%100
9	M41	X	-11.41	-11.41	0	%100
10	M41	Z	0	0	0	%100
11	M42	X	0	0	0	%100
12	M42	Z	0	0	0	%100
13	M43	X	-8.046	-8.046	0	%100
14	M43	Z	0	0	0	%100
15	M44	X	-8.046	-8.046	0	%100
16	M44	Z	0	0	0	%100
17	M45	X	-8.046	-8.046	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
18	M45	Z	0	0	0	%100
19	M46	X	-8.046	-8.046	0	%100
20	M46	Z	0	0	0	%100
21	M51	X	-2.012	-2.012	0	%100
22	M51	Z	0	0	0	%100
23	M52	X	-2.012	-2.012	0	%100
24	M52	Z	0	0	0	%100
25	M53	X	-2.012	-2.012	0	%100
26	M53	Z	0	0	0	%100
27	M54	X	-2.012	-2.012	0	%100
28	M54	Z	0	0	0	%100
29	M59	X	-2.012	-2.012	0	%100
30	M59	Z	0	0	0	%100
31	M60	X	-2.012	-2.012	0	%100
32	M60	Z	0	0	0	%100
33	M61	X	-2.012	-2.012	0	%100
34	M61	Z	0	0	0	%100
35	M62	X	-2.012	-2.012	0	%100
36	M62	Z	0	0	0	%100
37	MP4A	X	-8.671	-8.671	0	%100
38	MP4A	Z	0	0	0	%100
39	MP3A	X	-8.671	-8.671	0	%100
40	MP3A	Z	0	0	0	%100
41	MP2A	X	-8.671	-8.671	0	%100
42	MP2A	Z	0	0	0	%100
43	MP1A	X	-8.671	-8.671	0	%100
44	MP1A	Z	0	0	0	%100
45	MP4C	X	-8.671	-8.671	0	%100
46	MP4C	Z	0	0	0	%100
47	MP3C	X	-8.671	-8.671	0	%100
48	MP3C	Z	0	0	0	%100
49	MP2C	X	-8.671	-8.671	0	%100
50	MP2C	Z	0	0	0	%100
51	MP1C	X	-8.671	-8.671	0	%100
52	MP1C	Z	0	0	0	%100
53	MP4B	X	-8.671	-8.671	0	%100
54	MP4B	Z	0	0	0	%100
55	MP3B	X	-8.671	-8.671	0	%100
56	MP3B	Z	0	0	0	%100
57	MP2B	X	-8.671	-8.671	0	%100
58	MP2B	Z	0	0	0	%100
59	MP1B	X	-8.671	-8.671	0	%100
60	MP1B	Z	0	0	0	%100
61	M92	X	-7.902	-7.902	0	%100
62	M92	Z	0	0	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	0	0	0	%100
65	M102	X	-7.873	-7.873	0	%100
66	M102	Z	0	0	0	%100
67	M107	X	-7.873	-7.873	0	%100
68	M107	Z	0	0	0	%100
69	M114	X	-9.896	-9.896	0	%100
70	M114	Z	0	0	0	%100
71	M115	X	-9.896	-9.896	0	%100
72	M115	Z	0	0	0	%100
73	M116	X	0	0	0	%100
74	M116	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
75	M117	X	-17.348	-17.348	0	%100
76	M117	Z	0	0	0	%100
77	M118	X	-11.168	-11.168	0	%100
78	M118	Z	0	0	0	%100
79	M119	X	-11.168	-11.168	0	%100
80	M119	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	-9.55	-9.55	0	%100
2	M4	Z	-5.514	-5.514	0	%100
3	M14	X	-9.55	-9.55	0	%100
4	M14	Z	-5.514	-5.514	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	0	0	0	%100
7	M40	X	-13.175	-13.175	0	%100
8	M40	Z	-7.607	-7.607	0	%100
9	M41	X	-3.294	-3.294	0	%100
10	M41	Z	-1.902	-1.902	0	%100
11	M42	X	-3.294	-3.294	0	%100
12	M42	Z	-1.902	-1.902	0	%100
13	M43	X	-5.226	-5.226	0	%100
14	M43	Z	-3.017	-3.017	0	%100
15	M44	X	-5.226	-5.226	0	%100
16	M44	Z	-3.017	-3.017	0	%100
17	M45	X	-5.226	-5.226	0	%100
18	M45	Z	-3.017	-3.017	0	%100
19	M46	X	-5.226	-5.226	0	%100
20	M46	Z	-3.017	-3.017	0	%100
21	M51	X	-5.226	-5.226	0	%100
22	M51	Z	-3.017	-3.017	0	%100
23	M52	X	-5.226	-5.226	0	%100
24	M52	Z	-3.017	-3.017	0	%100
25	M53	X	-5.226	-5.226	0	%100
26	M53	Z	-3.017	-3.017	0	%100
27	M54	X	-5.226	-5.226	0	%100
28	M54	Z	-3.017	-3.017	0	%100
29	M59	X	0	0	0	%100
30	M59	Z	0	0	0	%100
31	M60	X	0	0	0	%100
32	M60	Z	0	0	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	0	0	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	0	0	0	%100
37	MP4A	X	-7.51	-7.51	0	%100
38	MP4A	Z	-4.336	-4.336	0	%100
39	MP3A	X	-7.51	-7.51	0	%100
40	MP3A	Z	-4.336	-4.336	0	%100
41	MP2A	X	-7.51	-7.51	0	%100
42	MP2A	Z	-4.336	-4.336	0	%100
43	MP1A	X	-7.51	-7.51	0	%100
44	MP1A	Z	-4.336	-4.336	0	%100
45	MP4C	X	-7.51	-7.51	0	%100
46	MP4C	Z	-4.336	-4.336	0	%100
47	MP3C	X	-7.51	-7.51	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
48	MP3C	Z	-4.336	-4.336	0	%100
49	MP2C	X	-7.51	-7.51	0	%100
50	MP2C	Z	-4.336	-4.336	0	%100
51	MP1C	X	-7.51	-7.51	0	%100
52	MP1C	Z	-4.336	-4.336	0	%100
53	MP4B	X	-7.51	-7.51	0	%100
54	MP4B	Z	-4.336	-4.336	0	%100
55	MP3B	X	-7.51	-7.51	0	%100
56	MP3B	Z	-4.336	-4.336	0	%100
57	MP2B	X	-7.51	-7.51	0	%100
58	MP2B	Z	-4.336	-4.336	0	%100
59	MP1B	X	-7.51	-7.51	0	%100
60	MP1B	Z	-4.336	-4.336	0	%100
61	M92	X	-6.844	-6.844	0	%100
62	M92	Z	-3.951	-3.951	0	%100
63	M97	X	-2.273	-2.273	0	%100
64	M97	Z	-1.312	-1.312	0	%100
65	M102	X	-2.273	-2.273	0	%100
66	M102	Z	-1.312	-1.312	0	%100
67	M107	X	-9.091	-9.091	0	%100
68	M107	Z	-5.249	-5.249	0	%100
69	M114	X	-2.857	-2.857	0	%100
70	M114	Z	-1.649	-1.649	0	%100
71	M115	X	-11.427	-11.427	0	%100
72	M115	Z	-6.598	-6.598	0	%100
73	M116	X	-2.857	-2.857	0	%100
74	M116	Z	-1.649	-1.649	0	%100
75	M117	X	-13.24	-13.24	0	%100
76	M117	Z	-7.644	-7.644	0	%100
77	M118	X	-13.24	-13.24	0	%100
78	M118	Z	-7.644	-7.644	0	%100
79	M119	X	-7.888	-7.888	0	%100
80	M119	Z	-4.554	-4.554	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	-1.838	-1.838	0	%100
2	M4	Z	-3.183	-3.183	0	%100
3	M14	X	-7.351	-7.351	0	%100
4	M14	Z	-12.733	-12.733	0	%100
5	M27	X	-1.838	-1.838	0	%100
6	M27	Z	-3.183	-3.183	0	%100
7	M40	X	-5.705	-5.705	0	%100
8	M40	Z	-9.881	-9.881	0	%100
9	M41	X	0	0	0	%100
10	M41	Z	0	0	0	%100
11	M42	X	-5.705	-5.705	0	%100
12	M42	Z	-9.881	-9.881	0	%100
13	M43	X	-1.006	-1.006	0	%100
14	M43	Z	-1.742	-1.742	0	%100
15	M44	X	-1.006	-1.006	0	%100
16	M44	Z	-1.742	-1.742	0	%100
17	M45	X	-1.006	-1.006	0	%100
18	M45	Z	-1.742	-1.742	0	%100
19	M46	X	-1.006	-1.006	0	%100
20	M46	Z	-1.742	-1.742	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
21	M51	X	-4.023	-4.023	0	%100
22	M51	Z	-6.968	-6.968	0	%100
23	M52	X	-4.023	-4.023	0	%100
24	M52	Z	-6.968	-6.968	0	%100
25	M53	X	-4.023	-4.023	0	%100
26	M53	Z	-6.968	-6.968	0	%100
27	M54	X	-4.023	-4.023	0	%100
28	M54	Z	-6.968	-6.968	0	%100
29	M59	X	-1.006	-1.006	0	%100
30	M59	Z	-1.742	-1.742	0	%100
31	M60	X	-1.006	-1.006	0	%100
32	M60	Z	-1.742	-1.742	0	%100
33	M61	X	-1.006	-1.006	0	%100
34	M61	Z	-1.742	-1.742	0	%100
35	M62	X	-1.006	-1.006	0	%100
36	M62	Z	-1.742	-1.742	0	%100
37	MP4A	X	-4.336	-4.336	0	%100
38	MP4A	Z	-7.51	-7.51	0	%100
39	MP3A	X	-4.336	-4.336	0	%100
40	MP3A	Z	-7.51	-7.51	0	%100
41	MP2A	X	-4.336	-4.336	0	%100
42	MP2A	Z	-7.51	-7.51	0	%100
43	MP1A	X	-4.336	-4.336	0	%100
44	MP1A	Z	-7.51	-7.51	0	%100
45	MP4C	X	-4.336	-4.336	0	%100
46	MP4C	Z	-7.51	-7.51	0	%100
47	MP3C	X	-4.336	-4.336	0	%100
48	MP3C	Z	-7.51	-7.51	0	%100
49	MP2C	X	-4.336	-4.336	0	%100
50	MP2C	Z	-7.51	-7.51	0	%100
51	MP1C	X	-4.336	-4.336	0	%100
52	MP1C	Z	-7.51	-7.51	0	%100
53	MP4B	X	-4.336	-4.336	0	%100
54	MP4B	Z	-7.51	-7.51	0	%100
55	MP3B	X	-4.336	-4.336	0	%100
56	MP3B	Z	-7.51	-7.51	0	%100
57	MP2B	X	-4.336	-4.336	0	%100
58	MP2B	Z	-7.51	-7.51	0	%100
59	MP1B	X	-4.336	-4.336	0	%100
60	MP1B	Z	-7.51	-7.51	0	%100
61	M92	X	-3.951	-3.951	0	%100
62	M92	Z	-6.844	-6.844	0	%100
63	M97	X	-3.936	-3.936	0	%100
64	M97	Z	-6.818	-6.818	0	%100
65	M102	X	0	0	0	%100
66	M102	Z	0	0	0	%100
67	M107	X	-3.936	-3.936	0	%100
68	M107	Z	-6.818	-6.818	0	%100
69	M114	X	0	0	0	%100
70	M114	Z	0	0	0	%100
71	M115	X	-4.948	-4.948	0	%100
72	M115	Z	-8.57	-8.57	0	%100
73	M116	X	-4.948	-4.948	0	%100
74	M116	Z	-8.57	-8.57	0	%100
75	M117	X	-5.584	-5.584	0	%100
76	M117	Z	-9.672	-9.672	0	%100
77	M118	X	-8.674	-8.674	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
78	M118	Z	-15.024	-15.024	0	%100
79	M119	X	-5.584	-5.584	0	%100
80	M119	Z	-9.672	-9.672	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M14	X	0	0	0	%100
4	M14	Z	-3.203	-3.203	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	-3.203	-3.203	0	%100
7	M40	X	0	0	0	%100
8	M40	Z	-1.091	-1.091	0	%100
9	M41	X	0	0	0	%100
10	M41	Z	-1.091	-1.091	0	%100
11	M42	X	0	0	0	%100
12	M42	Z	-4.366	-4.366	0	%100
13	M43	X	0	0	0	%100
14	M43	Z	0	0	0	%100
15	M44	X	0	0	0	%100
16	M44	Z	0	0	0	%100
17	M45	X	0	0	0	%100
18	M45	Z	0	0	0	%100
19	M46	X	0	0	0	%100
20	M46	Z	0	0	0	%100
21	M51	X	0	0	0	%100
22	M51	Z	-1.841	-1.841	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	-1.841	-1.841	0	%100
25	M53	X	0	0	0	%100
26	M53	Z	-1.841	-1.841	0	%100
27	M54	X	0	0	0	%100
28	M54	Z	-1.841	-1.841	0	%100
29	M59	X	0	0	0	%100
30	M59	Z	-1.841	-1.841	0	%100
31	M60	X	0	0	0	%100
32	M60	Z	-1.841	-1.841	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	-1.841	-1.841	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	-1.841	-1.841	0	%100
37	MP4A	X	0	0	0	%100
38	MP4A	Z	-3.142	-3.142	0	%100
39	MP3A	X	0	0	0	%100
40	MP3A	Z	-3.142	-3.142	0	%100
41	MP2A	X	0	0	0	%100
42	MP2A	Z	-3.142	-3.142	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	-3.142	-3.142	0	%100
45	MP4C	X	0	0	0	%100
46	MP4C	Z	-3.142	-3.142	0	%100
47	MP3C	X	0	0	0	%100
48	MP3C	Z	-3.142	-3.142	0	%100
49	MP2C	X	0	0	0	%100
50	MP2C	Z	-3.142	-3.142	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
51	MP1C	X	0	0	0	%100
52	MP1C	Z	-3.142	-3.142	0	%100
53	MP4B	X	0	0	0	%100
54	MP4B	Z	-3.142	-3.142	0	%100
55	MP3B	X	0	0	0	%100
56	MP3B	Z	-3.142	-3.142	0	%100
57	MP2B	X	0	0	0	%100
58	MP2B	Z	-3.142	-3.142	0	%100
59	MP1B	X	0	0	0	%100
60	MP1B	Z	-3.142	-3.142	0	%100
61	M92	X	0	0	0	%100
62	M92	Z	-2.901	-2.901	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	-3.484	-3.484	0	%100
65	M102	X	0	0	0	%100
66	M102	Z	-.871	-.871	0	%100
67	M107	X	0	0	0	%100
68	M107	Z	-.871	-.871	0	%100
69	M114	X	0	0	0	%100
70	M114	Z	-.9	-.9	0	%100
71	M115	X	0	0	0	%100
72	M115	Z	-.9	-.9	0	%100
73	M116	X	0	0	0	%100
74	M116	Z	-3.601	-3.601	0	%100
75	M117	X	0	0	0	%100
76	M117	Z	-2.155	-2.155	0	%100
77	M118	X	0	0	0	%100
78	M118	Z	-4.112	-4.112	0	%100
79	M119	X	0	0	0	%100
80	M119	Z	-4.112	-4.112	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	.534	.534	0	%100
2	M4	Z	-.925	-.925	0	%100
3	M14	X	.534	.534	0	%100
4	M14	Z	-.925	-.925	0	%100
5	M27	X	2.135	2.135	0	%100
6	M27	Z	-3.698	-3.698	0	%100
7	M40	X	0	0	0	%100
8	M40	Z	0	0	0	%100
9	M41	X	1.637	1.637	0	%100
10	M41	Z	-2.835	-2.835	0	%100
11	M42	X	1.637	1.637	0	%100
12	M42	Z	-2.835	-2.835	0	%100
13	M43	X	.307	.307	0	%100
14	M43	Z	-.531	-.531	0	%100
15	M44	X	.307	.307	0	%100
16	M44	Z	-.531	-.531	0	%100
17	M45	X	.307	.307	0	%100
18	M45	Z	-.531	-.531	0	%100
19	M46	X	.307	.307	0	%100
20	M46	Z	-.531	-.531	0	%100
21	M51	X	.307	.307	0	%100
22	M51	Z	-.531	-.531	0	%100
23	M52	X	.307	.307	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
24	M52	Z	-.531	-.531	0	%100
25	M53	X	.307	.307	0	%100
26	M53	Z	-.531	-.531	0	%100
27	M54	X	.307	.307	0	%100
28	M54	Z	-.531	-.531	0	%100
29	M59	X	1.227	1.227	0	%100
30	M59	Z	-2.125	-2.125	0	%100
31	M60	X	1.227	1.227	0	%100
32	M60	Z	-2.125	-2.125	0	%100
33	M61	X	1.227	1.227	0	%100
34	M61	Z	-2.125	-2.125	0	%100
35	M62	X	1.227	1.227	0	%100
36	M62	Z	-2.125	-2.125	0	%100
37	MP4A	X	1.571	1.571	0	%100
38	MP4A	Z	-2.721	-2.721	0	%100
39	MP3A	X	1.571	1.571	0	%100
40	MP3A	Z	-2.721	-2.721	0	%100
41	MP2A	X	1.571	1.571	0	%100
42	MP2A	Z	-2.721	-2.721	0	%100
43	MP1A	X	1.571	1.571	0	%100
44	MP1A	Z	-2.721	-2.721	0	%100
45	MP4C	X	1.571	1.571	0	%100
46	MP4C	Z	-2.721	-2.721	0	%100
47	MP3C	X	1.571	1.571	0	%100
48	MP3C	Z	-2.721	-2.721	0	%100
49	MP2C	X	1.571	1.571	0	%100
50	MP2C	Z	-2.721	-2.721	0	%100
51	MP1C	X	1.571	1.571	0	%100
52	MP1C	Z	-2.721	-2.721	0	%100
53	MP4B	X	1.571	1.571	0	%100
54	MP4B	Z	-2.721	-2.721	0	%100
55	MP3B	X	1.571	1.571	0	%100
56	MP3B	Z	-2.721	-2.721	0	%100
57	MP2B	X	1.571	1.571	0	%100
58	MP2B	Z	-2.721	-2.721	0	%100
59	MP1B	X	1.571	1.571	0	%100
60	MP1B	Z	-2.721	-2.721	0	%100
61	M92	X	1.451	1.451	0	%100
62	M92	Z	-2.513	-2.513	0	%100
63	M97	X	1.306	1.306	0	%100
64	M97	Z	-2.263	-2.263	0	%100
65	M102	X	1.306	1.306	0	%100
66	M102	Z	-2.263	-2.263	0	%100
67	M107	X	0	0	0	%100
68	M107	Z	0	0	0	%100
69	M114	X	1.351	1.351	0	%100
70	M114	Z	-2.339	-2.339	0	%100
71	M115	X	0	0	0	%100
72	M115	Z	0	0	0	%100
73	M116	X	1.351	1.351	0	%100
74	M116	Z	-2.339	-2.339	0	%100
75	M117	X	1.404	1.404	0	%100
76	M117	Z	-2.431	-2.431	0	%100
77	M118	X	1.404	1.404	0	%100
78	M118	Z	-2.431	-2.431	0	%100
79	M119	X	2.382	2.382	0	%100
80	M119	Z	-4.126	-4.126	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	2.774	2.774	0	%100
2	M4	Z	-1.601	-1.601	0	%100
3	M14	X	0	0	0	%100
4	M14	Z	0	0	0	%100
5	M27	X	2.774	2.774	0	%100
6	M27	Z	-1.601	-1.601	0	%100
7	M40	X	.945	.945	0	%100
8	M40	Z	-.546	-.546	0	%100
9	M41	X	3.781	3.781	0	%100
10	M41	Z	-2.183	-2.183	0	%100
11	M42	X	.945	.945	0	%100
12	M42	Z	-.546	-.546	0	%100
13	M43	X	1.594	1.594	0	%100
14	M43	Z	-.92	-.92	0	%100
15	M44	X	1.594	1.594	0	%100
16	M44	Z	-.92	-.92	0	%100
17	M45	X	1.594	1.594	0	%100
18	M45	Z	-.92	-.92	0	%100
19	M46	X	1.594	1.594	0	%100
20	M46	Z	-.92	-.92	0	%100
21	M51	X	0	0	0	%100
22	M51	Z	0	0	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	0	0	0	%100
25	M53	X	0	0	0	%100
26	M53	Z	0	0	0	%100
27	M54	X	0	0	0	%100
28	M54	Z	0	0	0	%100
29	M59	X	1.594	1.594	0	%100
30	M59	Z	-.92	-.92	0	%100
31	M60	X	1.594	1.594	0	%100
32	M60	Z	-.92	-.92	0	%100
33	M61	X	1.594	1.594	0	%100
34	M61	Z	-.92	-.92	0	%100
35	M62	X	1.594	1.594	0	%100
36	M62	Z	-.92	-.92	0	%100
37	MP4A	X	2.721	2.721	0	%100
38	MP4A	Z	-1.571	-1.571	0	%100
39	MP3A	X	2.721	2.721	0	%100
40	MP3A	Z	-1.571	-1.571	0	%100
41	MP2A	X	2.721	2.721	0	%100
42	MP2A	Z	-1.571	-1.571	0	%100
43	MP1A	X	2.721	2.721	0	%100
44	MP1A	Z	-1.571	-1.571	0	%100
45	MP4C	X	2.721	2.721	0	%100
46	MP4C	Z	-1.571	-1.571	0	%100
47	MP3C	X	2.721	2.721	0	%100
48	MP3C	Z	-1.571	-1.571	0	%100
49	MP2C	X	2.721	2.721	0	%100
50	MP2C	Z	-1.571	-1.571	0	%100
51	MP1C	X	2.721	2.721	0	%100
52	MP1C	Z	-1.571	-1.571	0	%100
53	MP4B	X	2.721	2.721	0	%100
54	MP4B	Z	-1.571	-1.571	0	%100
55	MP3B	X	2.721	2.721	0	%100
56	MP3B	Z	-1.571	-1.571	0	%100
57	MP2B	X	2.721	2.721	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
58	MP2B	Z	-1.571	-1.571	0	%100
59	MP1B	X	2.721	2.721	0	%100
60	MP1B	Z	-1.571	-1.571	0	%100
61	M92	X	2.513	2.513	0	%100
62	M92	Z	-1.451	-1.451	0	%100
63	M97	X	.754	.754	0	%100
64	M97	Z	-.435	-.435	0	%100
65	M102	X	3.017	3.017	0	%100
66	M102	Z	-1.742	-1.742	0	%100
67	M107	X	.754	.754	0	%100
68	M107	Z	-.435	-.435	0	%100
69	M114	X	3.119	3.119	0	%100
70	M114	Z	-1.801	-1.801	0	%100
71	M115	X	.78	.78	0	%100
72	M115	Z	-.45	-.45	0	%100
73	M116	X	.78	.78	0	%100
74	M116	Z	-.45	-.45	0	%100
75	M117	X	3.561	3.561	0	%100
76	M117	Z	-2.056	-2.056	0	%100
77	M118	X	1.866	1.866	0	%100
78	M118	Z	-1.077	-1.077	0	%100
79	M119	X	3.561	3.561	0	%100
80	M119	Z	-2.056	-2.056	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	4.27	4.27	0	%100
2	M4	Z	0	0	0	%100
3	M14	X	1.068	1.068	0	%100
4	M14	Z	0	0	0	%100
5	M27	X	1.068	1.068	0	%100
6	M27	Z	0	0	0	%100
7	M40	X	3.274	3.274	0	%100
8	M40	Z	0	0	0	%100
9	M41	X	3.274	3.274	0	%100
10	M41	Z	0	0	0	%100
11	M42	X	0	0	0	%100
12	M42	Z	0	0	0	%100
13	M43	X	2.454	2.454	0	%100
14	M43	Z	0	0	0	%100
15	M44	X	2.454	2.454	0	%100
16	M44	Z	0	0	0	%100
17	M45	X	2.454	2.454	0	%100
18	M45	Z	0	0	0	%100
19	M46	X	2.454	2.454	0	%100
20	M46	Z	0	0	0	%100
21	M51	X	.614	.614	0	%100
22	M51	Z	0	0	0	%100
23	M52	X	.614	.614	0	%100
24	M52	Z	0	0	0	%100
25	M53	X	.614	.614	0	%100
26	M53	Z	0	0	0	%100
27	M54	X	.614	.614	0	%100
28	M54	Z	0	0	0	%100
29	M59	X	.614	.614	0	%100
30	M59	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
31	M60	X	.614	.614	0	%100
32	M60	Z	0	0	0	%100
33	M61	X	.614	.614	0	%100
34	M61	Z	0	0	0	%100
35	M62	X	.614	.614	0	%100
36	M62	Z	0	0	0	%100
37	MP4A	X	3.142	3.142	0	%100
38	MP4A	Z	0	0	0	%100
39	MP3A	X	3.142	3.142	0	%100
40	MP3A	Z	0	0	0	%100
41	MP2A	X	3.142	3.142	0	%100
42	MP2A	Z	0	0	0	%100
43	MP1A	X	3.142	3.142	0	%100
44	MP1A	Z	0	0	0	%100
45	MP4C	X	3.142	3.142	0	%100
46	MP4C	Z	0	0	0	%100
47	MP3C	X	3.142	3.142	0	%100
48	MP3C	Z	0	0	0	%100
49	MP2C	X	3.142	3.142	0	%100
50	MP2C	Z	0	0	0	%100
51	MP1C	X	3.142	3.142	0	%100
52	MP1C	Z	0	0	0	%100
53	MP4B	X	3.142	3.142	0	%100
54	MP4B	Z	0	0	0	%100
55	MP3B	X	3.142	3.142	0	%100
56	MP3B	Z	0	0	0	%100
57	MP2B	X	3.142	3.142	0	%100
58	MP2B	Z	0	0	0	%100
59	MP1B	X	3.142	3.142	0	%100
60	MP1B	Z	0	0	0	%100
61	M92	X	2.901	2.901	0	%100
62	M92	Z	0	0	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	0	0	0	%100
65	M102	X	2.613	2.613	0	%100
66	M102	Z	0	0	0	%100
67	M107	X	2.613	2.613	0	%100
68	M107	Z	0	0	0	%100
69	M114	X	2.701	2.701	0	%100
70	M114	Z	0	0	0	%100
71	M115	X	2.701	2.701	0	%100
72	M115	Z	0	0	0	%100
73	M116	X	0	0	0	%100
74	M116	Z	0	0	0	%100
75	M117	X	4.765	4.765	0	%100
76	M117	Z	0	0	0	%100
77	M118	X	2.807	2.807	0	%100
78	M118	Z	0	0	0	%100
79	M119	X	2.807	2.807	0	%100
80	M119	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	2.774	2.774	0	%100
2	M4	Z	1.601	1.601	0	%100
3	M14	X	2.774	2.774	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
4	M14	Z	1.601	1.601	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	0	0	0	%100
7	M40	X	3.781	3.781	0	%100
8	M40	Z	2.183	2.183	0	%100
9	M41	X	.945	.945	0	%100
10	M41	Z	.546	.546	0	%100
11	M42	X	.945	.945	0	%100
12	M42	Z	.546	.546	0	%100
13	M43	X	1.594	1.594	0	%100
14	M43	Z	.92	.92	0	%100
15	M44	X	1.594	1.594	0	%100
16	M44	Z	.92	.92	0	%100
17	M45	X	1.594	1.594	0	%100
18	M45	Z	.92	.92	0	%100
19	M46	X	1.594	1.594	0	%100
20	M46	Z	.92	.92	0	%100
21	M51	X	1.594	1.594	0	%100
22	M51	Z	.92	.92	0	%100
23	M52	X	1.594	1.594	0	%100
24	M52	Z	.92	.92	0	%100
25	M53	X	1.594	1.594	0	%100
26	M53	Z	.92	.92	0	%100
27	M54	X	1.594	1.594	0	%100
28	M54	Z	.92	.92	0	%100
29	M59	X	0	0	0	%100
30	M59	Z	0	0	0	%100
31	M60	X	0	0	0	%100
32	M60	Z	0	0	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	0	0	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	0	0	0	%100
37	MP4A	X	2.721	2.721	0	%100
38	MP4A	Z	1.571	1.571	0	%100
39	MP3A	X	2.721	2.721	0	%100
40	MP3A	Z	1.571	1.571	0	%100
41	MP2A	X	2.721	2.721	0	%100
42	MP2A	Z	1.571	1.571	0	%100
43	MP1A	X	2.721	2.721	0	%100
44	MP1A	Z	1.571	1.571	0	%100
45	MP4C	X	2.721	2.721	0	%100
46	MP4C	Z	1.571	1.571	0	%100
47	MP3C	X	2.721	2.721	0	%100
48	MP3C	Z	1.571	1.571	0	%100
49	MP2C	X	2.721	2.721	0	%100
50	MP2C	Z	1.571	1.571	0	%100
51	MP1C	X	2.721	2.721	0	%100
52	MP1C	Z	1.571	1.571	0	%100
53	MP4B	X	2.721	2.721	0	%100
54	MP4B	Z	1.571	1.571	0	%100
55	MP3B	X	2.721	2.721	0	%100
56	MP3B	Z	1.571	1.571	0	%100
57	MP2B	X	2.721	2.721	0	%100
58	MP2B	Z	1.571	1.571	0	%100
59	MP1B	X	2.721	2.721	0	%100
60	MP1B	Z	1.571	1.571	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
61	M92	X	2.513	2.513	0	%100
62	M92	Z	1.451	1.451	0	%100
63	M97	X	.754	.754	0	%100
64	M97	Z	.435	.435	0	%100
65	M102	X	.754	.754	0	%100
66	M102	Z	.435	.435	0	%100
67	M107	X	3.017	3.017	0	%100
68	M107	Z	1.742	1.742	0	%100
69	M114	X	.78	.78	0	%100
70	M114	Z	.45	.45	0	%100
71	M115	X	3.119	3.119	0	%100
72	M115	Z	1.801	1.801	0	%100
73	M116	X	.78	.78	0	%100
74	M116	Z	.45	.45	0	%100
75	M117	X	3.561	3.561	0	%100
76	M117	Z	2.056	2.056	0	%100
77	M118	X	3.561	3.561	0	%100
78	M118	Z	2.056	2.056	0	%100
79	M119	X	1.866	1.866	0	%100
80	M119	Z	1.077	1.077	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	.534	.534	0	%100
2	M4	Z	.925	.925	0	%100
3	M14	X	2.135	2.135	0	%100
4	M14	Z	3.698	3.698	0	%100
5	M27	X	.534	.534	0	%100
6	M27	Z	.925	.925	0	%100
7	M40	X	1.637	1.637	0	%100
8	M40	Z	2.835	2.835	0	%100
9	M41	X	0	0	0	%100
10	M41	Z	0	0	0	%100
11	M42	X	1.637	1.637	0	%100
12	M42	Z	2.835	2.835	0	%100
13	M43	X	.307	.307	0	%100
14	M43	Z	.531	.531	0	%100
15	M44	X	.307	.307	0	%100
16	M44	Z	.531	.531	0	%100
17	M45	X	.307	.307	0	%100
18	M45	Z	.531	.531	0	%100
19	M46	X	.307	.307	0	%100
20	M46	Z	.531	.531	0	%100
21	M51	X	1.227	1.227	0	%100
22	M51	Z	2.125	2.125	0	%100
23	M52	X	1.227	1.227	0	%100
24	M52	Z	2.125	2.125	0	%100
25	M53	X	1.227	1.227	0	%100
26	M53	Z	2.125	2.125	0	%100
27	M54	X	1.227	1.227	0	%100
28	M54	Z	2.125	2.125	0	%100
29	M59	X	.307	.307	0	%100
30	M59	Z	.531	.531	0	%100
31	M60	X	.307	.307	0	%100
32	M60	Z	.531	.531	0	%100
33	M61	X	.307	.307	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
34	M61	Z	.531	.531	0	%100
35	M62	X	.307	.307	0	%100
36	M62	Z	.531	.531	0	%100
37	MP4A	X	1.571	1.571	0	%100
38	MP4A	Z	2.721	2.721	0	%100
39	MP3A	X	1.571	1.571	0	%100
40	MP3A	Z	2.721	2.721	0	%100
41	MP2A	X	1.571	1.571	0	%100
42	MP2A	Z	2.721	2.721	0	%100
43	MP1A	X	1.571	1.571	0	%100
44	MP1A	Z	2.721	2.721	0	%100
45	MP4C	X	1.571	1.571	0	%100
46	MP4C	Z	2.721	2.721	0	%100
47	MP3C	X	1.571	1.571	0	%100
48	MP3C	Z	2.721	2.721	0	%100
49	MP2C	X	1.571	1.571	0	%100
50	MP2C	Z	2.721	2.721	0	%100
51	MP1C	X	1.571	1.571	0	%100
52	MP1C	Z	2.721	2.721	0	%100
53	MP4B	X	1.571	1.571	0	%100
54	MP4B	Z	2.721	2.721	0	%100
55	MP3B	X	1.571	1.571	0	%100
56	MP3B	Z	2.721	2.721	0	%100
57	MP2B	X	1.571	1.571	0	%100
58	MP2B	Z	2.721	2.721	0	%100
59	MP1B	X	1.571	1.571	0	%100
60	MP1B	Z	2.721	2.721	0	%100
61	M92	X	1.451	1.451	0	%100
62	M92	Z	2.513	2.513	0	%100
63	M97	X	1.306	1.306	0	%100
64	M97	Z	2.263	2.263	0	%100
65	M102	X	0	0	0	%100
66	M102	Z	0	0	0	%100
67	M107	X	1.306	1.306	0	%100
68	M107	Z	2.263	2.263	0	%100
69	M114	X	0	0	0	%100
70	M114	Z	0	0	0	%100
71	M115	X	1.351	1.351	0	%100
72	M115	Z	2.339	2.339	0	%100
73	M116	X	1.351	1.351	0	%100
74	M116	Z	2.339	2.339	0	%100
75	M117	X	1.404	1.404	0	%100
76	M117	Z	2.431	2.431	0	%100
77	M118	X	2.382	2.382	0	%100
78	M118	Z	4.126	4.126	0	%100
79	M119	X	1.404	1.404	0	%100
80	M119	Z	2.431	2.431	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M14	X	0	0	0	%100
4	M14	Z	3.203	3.203	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	3.203	3.203	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
7	M40	X	0	0	0	%100
8	M40	Z	1.091	1.091	0	%100
9	M41	X	0	0	0	%100
10	M41	Z	1.091	1.091	0	%100
11	M42	X	0	0	0	%100
12	M42	Z	4.366	4.366	0	%100
13	M43	X	0	0	0	%100
14	M43	Z	0	0	0	%100
15	M44	X	0	0	0	%100
16	M44	Z	0	0	0	%100
17	M45	X	0	0	0	%100
18	M45	Z	0	0	0	%100
19	M46	X	0	0	0	%100
20	M46	Z	0	0	0	%100
21	M51	X	0	0	0	%100
22	M51	Z	1.841	1.841	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	1.841	1.841	0	%100
25	M53	X	0	0	0	%100
26	M53	Z	1.841	1.841	0	%100
27	M54	X	0	0	0	%100
28	M54	Z	1.841	1.841	0	%100
29	M59	X	0	0	0	%100
30	M59	Z	1.841	1.841	0	%100
31	M60	X	0	0	0	%100
32	M60	Z	1.841	1.841	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	1.841	1.841	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	1.841	1.841	0	%100
37	MP4A	X	0	0	0	%100
38	MP4A	Z	3.142	3.142	0	%100
39	MP3A	X	0	0	0	%100
40	MP3A	Z	3.142	3.142	0	%100
41	MP2A	X	0	0	0	%100
42	MP2A	Z	3.142	3.142	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	3.142	3.142	0	%100
45	MP4C	X	0	0	0	%100
46	MP4C	Z	3.142	3.142	0	%100
47	MP3C	X	0	0	0	%100
48	MP3C	Z	3.142	3.142	0	%100
49	MP2C	X	0	0	0	%100
50	MP2C	Z	3.142	3.142	0	%100
51	MP1C	X	0	0	0	%100
52	MP1C	Z	3.142	3.142	0	%100
53	MP4B	X	0	0	0	%100
54	MP4B	Z	3.142	3.142	0	%100
55	MP3B	X	0	0	0	%100
56	MP3B	Z	3.142	3.142	0	%100
57	MP2B	X	0	0	0	%100
58	MP2B	Z	3.142	3.142	0	%100
59	MP1B	X	0	0	0	%100
60	MP1B	Z	3.142	3.142	0	%100
61	M92	X	0	0	0	%100
62	M92	Z	2.901	2.901	0	%100
63	M97	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
64	M97	Z	3.484	3.484	0	%100
65	M102	X	0	0	0	%100
66	M102	Z	.871	.871	0	%100
67	M107	X	0	0	0	%100
68	M107	Z	.871	.871	0	%100
69	M114	X	0	0	0	%100
70	M114	Z	.9	.9	0	%100
71	M115	X	0	0	0	%100
72	M115	Z	.9	.9	0	%100
73	M116	X	0	0	0	%100
74	M116	Z	3.601	3.601	0	%100
75	M117	X	0	0	0	%100
76	M117	Z	2.155	2.155	0	%100
77	M118	X	0	0	0	%100
78	M118	Z	4.112	4.112	0	%100
79	M119	X	0	0	0	%100
80	M119	Z	4.112	4.112	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	-.534	-.534	0	%100
2	M4	Z	.925	.925	0	%100
3	M14	X	-.534	-.534	0	%100
4	M14	Z	.925	.925	0	%100
5	M27	X	-2.135	-2.135	0	%100
6	M27	Z	3.698	3.698	0	%100
7	M40	X	0	0	0	%100
8	M40	Z	0	0	0	%100
9	M41	X	-1.637	-1.637	0	%100
10	M41	Z	2.835	2.835	0	%100
11	M42	X	-1.637	-1.637	0	%100
12	M42	Z	2.835	2.835	0	%100
13	M43	X	-.307	-.307	0	%100
14	M43	Z	.531	.531	0	%100
15	M44	X	-.307	-.307	0	%100
16	M44	Z	.531	.531	0	%100
17	M45	X	-.307	-.307	0	%100
18	M45	Z	.531	.531	0	%100
19	M46	X	-.307	-.307	0	%100
20	M46	Z	.531	.531	0	%100
21	M51	X	-.307	-.307	0	%100
22	M51	Z	.531	.531	0	%100
23	M52	X	-.307	-.307	0	%100
24	M52	Z	.531	.531	0	%100
25	M53	X	-.307	-.307	0	%100
26	M53	Z	.531	.531	0	%100
27	M54	X	-.307	-.307	0	%100
28	M54	Z	.531	.531	0	%100
29	M59	X	-1.227	-1.227	0	%100
30	M59	Z	2.125	2.125	0	%100
31	M60	X	-1.227	-1.227	0	%100
32	M60	Z	2.125	2.125	0	%100
33	M61	X	-1.227	-1.227	0	%100
34	M61	Z	2.125	2.125	0	%100
35	M62	X	-1.227	-1.227	0	%100
36	M62	Z	2.125	2.125	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
37	MP4A	X	-1.571	-1.571	0	%100
38	MP4A	Z	2.721	2.721	0	%100
39	MP3A	X	-1.571	-1.571	0	%100
40	MP3A	Z	2.721	2.721	0	%100
41	MP2A	X	-1.571	-1.571	0	%100
42	MP2A	Z	2.721	2.721	0	%100
43	MP1A	X	-1.571	-1.571	0	%100
44	MP1A	Z	2.721	2.721	0	%100
45	MP4C	X	-1.571	-1.571	0	%100
46	MP4C	Z	2.721	2.721	0	%100
47	MP3C	X	-1.571	-1.571	0	%100
48	MP3C	Z	2.721	2.721	0	%100
49	MP2C	X	-1.571	-1.571	0	%100
50	MP2C	Z	2.721	2.721	0	%100
51	MP1C	X	-1.571	-1.571	0	%100
52	MP1C	Z	2.721	2.721	0	%100
53	MP4B	X	-1.571	-1.571	0	%100
54	MP4B	Z	2.721	2.721	0	%100
55	MP3B	X	-1.571	-1.571	0	%100
56	MP3B	Z	2.721	2.721	0	%100
57	MP2B	X	-1.571	-1.571	0	%100
58	MP2B	Z	2.721	2.721	0	%100
59	MP1B	X	-1.571	-1.571	0	%100
60	MP1B	Z	2.721	2.721	0	%100
61	M92	X	-1.451	-1.451	0	%100
62	M92	Z	2.513	2.513	0	%100
63	M97	X	-1.306	-1.306	0	%100
64	M97	Z	2.263	2.263	0	%100
65	M102	X	-1.306	-1.306	0	%100
66	M102	Z	2.263	2.263	0	%100
67	M107	X	0	0	0	%100
68	M107	Z	0	0	0	%100
69	M114	X	-1.351	-1.351	0	%100
70	M114	Z	2.339	2.339	0	%100
71	M115	X	0	0	0	%100
72	M115	Z	0	0	0	%100
73	M116	X	-1.351	-1.351	0	%100
74	M116	Z	2.339	2.339	0	%100
75	M117	X	-1.404	-1.404	0	%100
76	M117	Z	2.431	2.431	0	%100
77	M118	X	-1.404	-1.404	0	%100
78	M118	Z	2.431	2.431	0	%100
79	M119	X	-2.382	-2.382	0	%100
80	M119	Z	4.126	4.126	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	-2.774	-2.774	0	%100
2	M4	Z	1.601	1.601	0	%100
3	M14	X	0	0	0	%100
4	M14	Z	0	0	0	%100
5	M27	X	-2.774	-2.774	0	%100
6	M27	Z	1.601	1.601	0	%100
7	M40	X	-.945	-.945	0	%100
8	M40	Z	.546	.546	0	%100
9	M41	X	-3.781	-3.781	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
10	M41	Z	2.183	2.183	0	%100
11	M42	X	-.945	-.945	0	%100
12	M42	Z	.546	.546	0	%100
13	M43	X	-1.594	-1.594	0	%100
14	M43	Z	.92	.92	0	%100
15	M44	X	-1.594	-1.594	0	%100
16	M44	Z	.92	.92	0	%100
17	M45	X	-1.594	-1.594	0	%100
18	M45	Z	.92	.92	0	%100
19	M46	X	-1.594	-1.594	0	%100
20	M46	Z	.92	.92	0	%100
21	M51	X	0	0	0	%100
22	M51	Z	0	0	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	0	0	0	%100
25	M53	X	0	0	0	%100
26	M53	Z	0	0	0	%100
27	M54	X	0	0	0	%100
28	M54	Z	0	0	0	%100
29	M59	X	-1.594	-1.594	0	%100
30	M59	Z	.92	.92	0	%100
31	M60	X	-1.594	-1.594	0	%100
32	M60	Z	.92	.92	0	%100
33	M61	X	-1.594	-1.594	0	%100
34	M61	Z	.92	.92	0	%100
35	M62	X	-1.594	-1.594	0	%100
36	M62	Z	.92	.92	0	%100
37	MP4A	X	-2.721	-2.721	0	%100
38	MP4A	Z	1.571	1.571	0	%100
39	MP3A	X	-2.721	-2.721	0	%100
40	MP3A	Z	1.571	1.571	0	%100
41	MP2A	X	-2.721	-2.721	0	%100
42	MP2A	Z	1.571	1.571	0	%100
43	MP1A	X	-2.721	-2.721	0	%100
44	MP1A	Z	1.571	1.571	0	%100
45	MP4C	X	-2.721	-2.721	0	%100
46	MP4C	Z	1.571	1.571	0	%100
47	MP3C	X	-2.721	-2.721	0	%100
48	MP3C	Z	1.571	1.571	0	%100
49	MP2C	X	-2.721	-2.721	0	%100
50	MP2C	Z	1.571	1.571	0	%100
51	MP1C	X	-2.721	-2.721	0	%100
52	MP1C	Z	1.571	1.571	0	%100
53	MP4B	X	-2.721	-2.721	0	%100
54	MP4B	Z	1.571	1.571	0	%100
55	MP3B	X	-2.721	-2.721	0	%100
56	MP3B	Z	1.571	1.571	0	%100
57	MP2B	X	-2.721	-2.721	0	%100
58	MP2B	Z	1.571	1.571	0	%100
59	MP1B	X	-2.721	-2.721	0	%100
60	MP1B	Z	1.571	1.571	0	%100
61	M92	X	-2.513	-2.513	0	%100
62	M92	Z	1.451	1.451	0	%100
63	M97	X	-.754	-.754	0	%100
64	M97	Z	.435	.435	0	%100
65	M102	X	-3.017	-3.017	0	%100
66	M102	Z	1.742	1.742	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
67	M107	X	-.754	-.754	0	%100
68	M107	Z	.435	.435	0	%100
69	M114	X	-3.119	-3.119	0	%100
70	M114	Z	1.801	1.801	0	%100
71	M115	X	-.78	-.78	0	%100
72	M115	Z	.45	.45	0	%100
73	M116	X	-.78	-.78	0	%100
74	M116	Z	.45	.45	0	%100
75	M117	X	-3.561	-3.561	0	%100
76	M117	Z	2.056	2.056	0	%100
77	M118	X	-1.866	-1.866	0	%100
78	M118	Z	1.077	1.077	0	%100
79	M119	X	-3.561	-3.561	0	%100
80	M119	Z	2.056	2.056	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	-4.27	-4.27	0	%100
2	M4	Z	0	0	0	%100
3	M14	X	-1.068	-1.068	0	%100
4	M14	Z	0	0	0	%100
5	M27	X	-1.068	-1.068	0	%100
6	M27	Z	0	0	0	%100
7	M40	X	-3.274	-3.274	0	%100
8	M40	Z	0	0	0	%100
9	M41	X	-3.274	-3.274	0	%100
10	M41	Z	0	0	0	%100
11	M42	X	0	0	0	%100
12	M42	Z	0	0	0	%100
13	M43	X	-2.454	-2.454	0	%100
14	M43	Z	0	0	0	%100
15	M44	X	-2.454	-2.454	0	%100
16	M44	Z	0	0	0	%100
17	M45	X	-2.454	-2.454	0	%100
18	M45	Z	0	0	0	%100
19	M46	X	-2.454	-2.454	0	%100
20	M46	Z	0	0	0	%100
21	M51	X	-.614	-.614	0	%100
22	M51	Z	0	0	0	%100
23	M52	X	-.614	-.614	0	%100
24	M52	Z	0	0	0	%100
25	M53	X	-.614	-.614	0	%100
26	M53	Z	0	0	0	%100
27	M54	X	-.614	-.614	0	%100
28	M54	Z	0	0	0	%100
29	M59	X	-.614	-.614	0	%100
30	M59	Z	0	0	0	%100
31	M60	X	-.614	-.614	0	%100
32	M60	Z	0	0	0	%100
33	M61	X	-.614	-.614	0	%100
34	M61	Z	0	0	0	%100
35	M62	X	-.614	-.614	0	%100
36	M62	Z	0	0	0	%100
37	MP4A	X	-3.142	-3.142	0	%100
38	MP4A	Z	0	0	0	%100
39	MP3A	X	-3.142	-3.142	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
40	MP3A	Z	0	0	0	%100
41	MP2A	X	-3.142	-3.142	0	%100
42	MP2A	Z	0	0	0	%100
43	MP1A	X	-3.142	-3.142	0	%100
44	MP1A	Z	0	0	0	%100
45	MP4C	X	-3.142	-3.142	0	%100
46	MP4C	Z	0	0	0	%100
47	MP3C	X	-3.142	-3.142	0	%100
48	MP3C	Z	0	0	0	%100
49	MP2C	X	-3.142	-3.142	0	%100
50	MP2C	Z	0	0	0	%100
51	MP1C	X	-3.142	-3.142	0	%100
52	MP1C	Z	0	0	0	%100
53	MP4B	X	-3.142	-3.142	0	%100
54	MP4B	Z	0	0	0	%100
55	MP3B	X	-3.142	-3.142	0	%100
56	MP3B	Z	0	0	0	%100
57	MP2B	X	-3.142	-3.142	0	%100
58	MP2B	Z	0	0	0	%100
59	MP1B	X	-3.142	-3.142	0	%100
60	MP1B	Z	0	0	0	%100
61	M92	X	-2.901	-2.901	0	%100
62	M92	Z	0	0	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	0	0	0	%100
65	M102	X	-2.613	-2.613	0	%100
66	M102	Z	0	0	0	%100
67	M107	X	-2.613	-2.613	0	%100
68	M107	Z	0	0	0	%100
69	M114	X	-2.701	-2.701	0	%100
70	M114	Z	0	0	0	%100
71	M115	X	-2.701	-2.701	0	%100
72	M115	Z	0	0	0	%100
73	M116	X	0	0	0	%100
74	M116	Z	0	0	0	%100
75	M117	X	-4.765	-4.765	0	%100
76	M117	Z	0	0	0	%100
77	M118	X	-2.807	-2.807	0	%100
78	M118	Z	0	0	0	%100
79	M119	X	-2.807	-2.807	0	%100
80	M119	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	-2.774	-2.774	0	%100
2	M4	Z	-1.601	-1.601	0	%100
3	M14	X	-2.774	-2.774	0	%100
4	M14	Z	-1.601	-1.601	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	0	0	0	%100
7	M40	X	-3.781	-3.781	0	%100
8	M40	Z	-2.183	-2.183	0	%100
9	M41	X	-.945	-.945	0	%100
10	M41	Z	-.546	-.546	0	%100
11	M42	X	-.945	-.945	0	%100
12	M42	Z	-.546	-.546	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
13	M43	X	-1.594	-1.594	0	%100
14	M43	Z	-.92	-.92	0	%100
15	M44	X	-1.594	-1.594	0	%100
16	M44	Z	-.92	-.92	0	%100
17	M45	X	-1.594	-1.594	0	%100
18	M45	Z	-.92	-.92	0	%100
19	M46	X	-1.594	-1.594	0	%100
20	M46	Z	-.92	-.92	0	%100
21	M51	X	-1.594	-1.594	0	%100
22	M51	Z	-.92	-.92	0	%100
23	M52	X	-1.594	-1.594	0	%100
24	M52	Z	-.92	-.92	0	%100
25	M53	X	-1.594	-1.594	0	%100
26	M53	Z	-.92	-.92	0	%100
27	M54	X	-1.594	-1.594	0	%100
28	M54	Z	-.92	-.92	0	%100
29	M59	X	0	0	0	%100
30	M59	Z	0	0	0	%100
31	M60	X	0	0	0	%100
32	M60	Z	0	0	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	0	0	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	0	0	0	%100
37	MP4A	X	-2.721	-2.721	0	%100
38	MP4A	Z	-1.571	-1.571	0	%100
39	MP3A	X	-2.721	-2.721	0	%100
40	MP3A	Z	-1.571	-1.571	0	%100
41	MP2A	X	-2.721	-2.721	0	%100
42	MP2A	Z	-1.571	-1.571	0	%100
43	MP1A	X	-2.721	-2.721	0	%100
44	MP1A	Z	-1.571	-1.571	0	%100
45	MP4C	X	-2.721	-2.721	0	%100
46	MP4C	Z	-1.571	-1.571	0	%100
47	MP3C	X	-2.721	-2.721	0	%100
48	MP3C	Z	-1.571	-1.571	0	%100
49	MP2C	X	-2.721	-2.721	0	%100
50	MP2C	Z	-1.571	-1.571	0	%100
51	MP1C	X	-2.721	-2.721	0	%100
52	MP1C	Z	-1.571	-1.571	0	%100
53	MP4B	X	-2.721	-2.721	0	%100
54	MP4B	Z	-1.571	-1.571	0	%100
55	MP3B	X	-2.721	-2.721	0	%100
56	MP3B	Z	-1.571	-1.571	0	%100
57	MP2B	X	-2.721	-2.721	0	%100
58	MP2B	Z	-1.571	-1.571	0	%100
59	MP1B	X	-2.721	-2.721	0	%100
60	MP1B	Z	-1.571	-1.571	0	%100
61	M92	X	-2.513	-2.513	0	%100
62	M92	Z	-1.451	-1.451	0	%100
63	M97	X	-.754	-.754	0	%100
64	M97	Z	-.435	-.435	0	%100
65	M102	X	-.754	-.754	0	%100
66	M102	Z	-.435	-.435	0	%100
67	M107	X	-3.017	-3.017	0	%100
68	M107	Z	-1.742	-1.742	0	%100
69	M114	X	-.78	-.78	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
70	M114	Z	-.45	-.45	0	%100
71	M115	X	-3.119	-3.119	0	%100
72	M115	Z	-1.801	-1.801	0	%100
73	M116	X	-.78	-.78	0	%100
74	M116	Z	-.45	-.45	0	%100
75	M117	X	-3.561	-3.561	0	%100
76	M117	Z	-2.056	-2.056	0	%100
77	M118	X	-3.561	-3.561	0	%100
78	M118	Z	-2.056	-2.056	0	%100
79	M119	X	-1.866	-1.866	0	%100
80	M119	Z	-1.077	-1.077	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	-.534	-.534	0	%100
2	M4	Z	-.925	-.925	0	%100
3	M14	X	-2.135	-2.135	0	%100
4	M14	Z	-3.698	-3.698	0	%100
5	M27	X	-.534	-.534	0	%100
6	M27	Z	-.925	-.925	0	%100
7	M40	X	-1.637	-1.637	0	%100
8	M40	Z	-2.835	-2.835	0	%100
9	M41	X	0	0	0	%100
10	M41	Z	0	0	0	%100
11	M42	X	-1.637	-1.637	0	%100
12	M42	Z	-2.835	-2.835	0	%100
13	M43	X	-.307	-.307	0	%100
14	M43	Z	-.531	-.531	0	%100
15	M44	X	-.307	-.307	0	%100
16	M44	Z	-.531	-.531	0	%100
17	M45	X	-.307	-.307	0	%100
18	M45	Z	-.531	-.531	0	%100
19	M46	X	-.307	-.307	0	%100
20	M46	Z	-.531	-.531	0	%100
21	M51	X	-1.227	-1.227	0	%100
22	M51	Z	-2.125	-2.125	0	%100
23	M52	X	-1.227	-1.227	0	%100
24	M52	Z	-2.125	-2.125	0	%100
25	M53	X	-1.227	-1.227	0	%100
26	M53	Z	-2.125	-2.125	0	%100
27	M54	X	-1.227	-1.227	0	%100
28	M54	Z	-2.125	-2.125	0	%100
29	M59	X	-.307	-.307	0	%100
30	M59	Z	-.531	-.531	0	%100
31	M60	X	-.307	-.307	0	%100
32	M60	Z	-.531	-.531	0	%100
33	M61	X	-.307	-.307	0	%100
34	M61	Z	-.531	-.531	0	%100
35	M62	X	-.307	-.307	0	%100
36	M62	Z	-.531	-.531	0	%100
37	MP4A	X	-1.571	-1.571	0	%100
38	MP4A	Z	-2.721	-2.721	0	%100
39	MP3A	X	-1.571	-1.571	0	%100
40	MP3A	Z	-2.721	-2.721	0	%100
41	MP2A	X	-1.571	-1.571	0	%100
42	MP2A	Z	-2.721	-2.721	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
43	MP1A	X	-1.571	-1.571	0	%100
44	MP1A	Z	-2.721	-2.721	0	%100
45	MP4C	X	-1.571	-1.571	0	%100
46	MP4C	Z	-2.721	-2.721	0	%100
47	MP3C	X	-1.571	-1.571	0	%100
48	MP3C	Z	-2.721	-2.721	0	%100
49	MP2C	X	-1.571	-1.571	0	%100
50	MP2C	Z	-2.721	-2.721	0	%100
51	MP1C	X	-1.571	-1.571	0	%100
52	MP1C	Z	-2.721	-2.721	0	%100
53	MP4B	X	-1.571	-1.571	0	%100
54	MP4B	Z	-2.721	-2.721	0	%100
55	MP3B	X	-1.571	-1.571	0	%100
56	MP3B	Z	-2.721	-2.721	0	%100
57	MP2B	X	-1.571	-1.571	0	%100
58	MP2B	Z	-2.721	-2.721	0	%100
59	MP1B	X	-1.571	-1.571	0	%100
60	MP1B	Z	-2.721	-2.721	0	%100
61	M92	X	-1.451	-1.451	0	%100
62	M92	Z	-2.513	-2.513	0	%100
63	M97	X	-1.306	-1.306	0	%100
64	M97	Z	-2.263	-2.263	0	%100
65	M102	X	0	0	0	%100
66	M102	Z	0	0	0	%100
67	M107	X	-1.306	-1.306	0	%100
68	M107	Z	-2.263	-2.263	0	%100
69	M114	X	0	0	0	%100
70	M114	Z	0	0	0	%100
71	M115	X	-1.351	-1.351	0	%100
72	M115	Z	-2.339	-2.339	0	%100
73	M116	X	-1.351	-1.351	0	%100
74	M116	Z	-2.339	-2.339	0	%100
75	M117	X	-1.404	-1.404	0	%100
76	M117	Z	-2.431	-2.431	0	%100
77	M118	X	-2.382	-2.382	0	%100
78	M118	Z	-4.126	-4.126	0	%100
79	M119	X	-1.404	-1.404	0	%100
80	M119	Z	-2.431	-2.431	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M14	X	0	0	0	%100
4	M14	Z	-.742	-.742	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	-.742	-.742	0	%100
7	M40	X	0	0	0	%100
8	M40	Z	-.256	-.256	0	%100
9	M41	X	0	0	0	%100
10	M41	Z	-.256	-.256	0	%100
11	M42	X	0	0	0	%100
12	M42	Z	-1.024	-1.024	0	%100
13	M43	X	0	0	0	%100
14	M43	Z	0	0	0	%100
15	M44	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
16	M44	Z	0	0	0	%100
17	M45	X	0	0	0	%100
18	M45	Z	0	0	0	%100
19	M46	X	0	0	0	%100
20	M46	Z	0	0	0	%100
21	M51	X	0	0	0	%100
22	M51	Z	-.406	-.406	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	-.406	-.406	0	%100
25	M53	X	0	0	0	%100
26	M53	Z	-.406	-.406	0	%100
27	M54	X	0	0	0	%100
28	M54	Z	-.406	-.406	0	%100
29	M59	X	0	0	0	%100
30	M59	Z	-.406	-.406	0	%100
31	M60	X	0	0	0	%100
32	M60	Z	-.406	-.406	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	-.406	-.406	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	-.406	-.406	0	%100
37	MP4A	X	0	0	0	%100
38	MP4A	Z	-.584	-.584	0	%100
39	MP3A	X	0	0	0	%100
40	MP3A	Z	-.584	-.584	0	%100
41	MP2A	X	0	0	0	%100
42	MP2A	Z	-.584	-.584	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	-.584	-.584	0	%100
45	MP4C	X	0	0	0	%100
46	MP4C	Z	-.584	-.584	0	%100
47	MP3C	X	0	0	0	%100
48	MP3C	Z	-.584	-.584	0	%100
49	MP2C	X	0	0	0	%100
50	MP2C	Z	-.584	-.584	0	%100
51	MP1C	X	0	0	0	%100
52	MP1C	Z	-.584	-.584	0	%100
53	MP4B	X	0	0	0	%100
54	MP4B	Z	-.584	-.584	0	%100
55	MP3B	X	0	0	0	%100
56	MP3B	Z	-.584	-.584	0	%100
57	MP2B	X	0	0	0	%100
58	MP2B	Z	-.584	-.584	0	%100
59	MP1B	X	0	0	0	%100
60	MP1B	Z	-.584	-.584	0	%100
61	M92	X	0	0	0	%100
62	M92	Z	-.532	-.532	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	-.707	-.707	0	%100
65	M102	X	0	0	0	%100
66	M102	Z	-.177	-.177	0	%100
67	M107	X	0	0	0	%100
68	M107	Z	-.177	-.177	0	%100
69	M114	X	0	0	0	%100
70	M114	Z	-.222	-.222	0	%100
71	M115	X	0	0	0	%100
72	M115	Z	-.222	-.222	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
73	M116	X	0	0	0	%100
74	M116	Z	-.888	-.888	0	%100
75	M117	X	0	0	0	%100
76	M117	Z	-.613	-.613	0	%100
77	M118	X	0	0	0	%100
78	M118	Z	-1.029	-1.029	0	%100
79	M119	X	0	0	0	%100
80	M119	Z	-1.029	-1.029	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	.124	.124	0	%100
2	M4	Z	-.214	-.214	0	%100
3	M14	X	.124	.124	0	%100
4	M14	Z	-.214	-.214	0	%100
5	M27	X	.495	.495	0	%100
6	M27	Z	-.857	-.857	0	%100
7	M40	X	0	0	0	%100
8	M40	Z	0	0	0	%100
9	M41	X	.384	.384	0	%100
10	M41	Z	-.665	-.665	0	%100
11	M42	X	.384	.384	0	%100
12	M42	Z	-.665	-.665	0	%100
13	M43	X	.068	.068	0	%100
14	M43	Z	-.117	-.117	0	%100
15	M44	X	.068	.068	0	%100
16	M44	Z	-.117	-.117	0	%100
17	M45	X	.068	.068	0	%100
18	M45	Z	-.117	-.117	0	%100
19	M46	X	.068	.068	0	%100
20	M46	Z	-.117	-.117	0	%100
21	M51	X	.068	.068	0	%100
22	M51	Z	-.117	-.117	0	%100
23	M52	X	.068	.068	0	%100
24	M52	Z	-.117	-.117	0	%100
25	M53	X	.068	.068	0	%100
26	M53	Z	-.117	-.117	0	%100
27	M54	X	.068	.068	0	%100
28	M54	Z	-.117	-.117	0	%100
29	M59	X	.271	.271	0	%100
30	M59	Z	-.469	-.469	0	%100
31	M60	X	.271	.271	0	%100
32	M60	Z	-.469	-.469	0	%100
33	M61	X	.271	.271	0	%100
34	M61	Z	-.469	-.469	0	%100
35	M62	X	.271	.271	0	%100
36	M62	Z	-.469	-.469	0	%100
37	MP4A	X	.292	.292	0	%100
38	MP4A	Z	-.506	-.506	0	%100
39	MP3A	X	.292	.292	0	%100
40	MP3A	Z	-.506	-.506	0	%100
41	MP2A	X	.292	.292	0	%100
42	MP2A	Z	-.506	-.506	0	%100
43	MP1A	X	.292	.292	0	%100
44	MP1A	Z	-.506	-.506	0	%100
45	MP4C	X	.292	.292	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
46	MP4C	Z	-.506	-.506	0	%100
47	MP3C	X	.292	.292	0	%100
48	MP3C	Z	-.506	-.506	0	%100
49	MP2C	X	.292	.292	0	%100
50	MP2C	Z	-.506	-.506	0	%100
51	MP1C	X	.292	.292	0	%100
52	MP1C	Z	-.506	-.506	0	%100
53	MP4B	X	.292	.292	0	%100
54	MP4B	Z	-.506	-.506	0	%100
55	MP3B	X	.292	.292	0	%100
56	MP3B	Z	-.506	-.506	0	%100
57	MP2B	X	.292	.292	0	%100
58	MP2B	Z	-.506	-.506	0	%100
59	MP1B	X	.292	.292	0	%100
60	MP1B	Z	-.506	-.506	0	%100
61	M92	X	.266	.266	0	%100
62	M92	Z	-.461	-.461	0	%100
63	M97	X	.265	.265	0	%100
64	M97	Z	-.459	-.459	0	%100
65	M102	X	.265	.265	0	%100
66	M102	Z	-.459	-.459	0	%100
67	M107	X	0	0	0	%100
68	M107	Z	0	0	0	%100
69	M114	X	.333	.333	0	%100
70	M114	Z	-.577	-.577	0	%100
71	M115	X	0	0	0	%100
72	M115	Z	0	0	0	%100
73	M116	X	.333	.333	0	%100
74	M116	Z	-.577	-.577	0	%100
75	M117	X	.376	.376	0	%100
76	M117	Z	-.651	-.651	0	%100
77	M118	X	.376	.376	0	%100
78	M118	Z	-.651	-.651	0	%100
79	M119	X	.584	.584	0	%100
80	M119	Z	-1.011	-1.011	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	.643	.643	0	%100
2	M4	Z	-.371	-.371	0	%100
3	M14	X	0	0	0	%100
4	M14	Z	0	0	0	%100
5	M27	X	.643	.643	0	%100
6	M27	Z	-.371	-.371	0	%100
7	M40	X	.222	.222	0	%100
8	M40	Z	-.128	-.128	0	%100
9	M41	X	.887	.887	0	%100
10	M41	Z	-.512	-.512	0	%100
11	M42	X	.222	.222	0	%100
12	M42	Z	-.128	-.128	0	%100
13	M43	X	.352	.352	0	%100
14	M43	Z	-.203	-.203	0	%100
15	M44	X	.352	.352	0	%100
16	M44	Z	-.203	-.203	0	%100
17	M45	X	.352	.352	0	%100
18	M45	Z	-.203	-.203	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
19	M46	X	.352	.352	0	%100
20	M46	Z	-.203	-.203	0	%100
21	M51	X	0	0	0	%100
22	M51	Z	0	0	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	0	0	0	%100
25	M53	X	0	0	0	%100
26	M53	Z	0	0	0	%100
27	M54	X	0	0	0	%100
28	M54	Z	0	0	0	%100
29	M59	X	.352	.352	0	%100
30	M59	Z	-.203	-.203	0	%100
31	M60	X	.352	.352	0	%100
32	M60	Z	-.203	-.203	0	%100
33	M61	X	.352	.352	0	%100
34	M61	Z	-.203	-.203	0	%100
35	M62	X	.352	.352	0	%100
36	M62	Z	-.203	-.203	0	%100
37	MP4A	X	.506	.506	0	%100
38	MP4A	Z	-.292	-.292	0	%100
39	MP3A	X	.506	.506	0	%100
40	MP3A	Z	-.292	-.292	0	%100
41	MP2A	X	.506	.506	0	%100
42	MP2A	Z	-.292	-.292	0	%100
43	MP1A	X	.506	.506	0	%100
44	MP1A	Z	-.292	-.292	0	%100
45	MP4C	X	.506	.506	0	%100
46	MP4C	Z	-.292	-.292	0	%100
47	MP3C	X	.506	.506	0	%100
48	MP3C	Z	-.292	-.292	0	%100
49	MP2C	X	.506	.506	0	%100
50	MP2C	Z	-.292	-.292	0	%100
51	MP1C	X	.506	.506	0	%100
52	MP1C	Z	-.292	-.292	0	%100
53	MP4B	X	.506	.506	0	%100
54	MP4B	Z	-.292	-.292	0	%100
55	MP3B	X	.506	.506	0	%100
56	MP3B	Z	-.292	-.292	0	%100
57	MP2B	X	.506	.506	0	%100
58	MP2B	Z	-.292	-.292	0	%100
59	MP1B	X	.506	.506	0	%100
60	MP1B	Z	-.292	-.292	0	%100
61	M92	X	.461	.461	0	%100
62	M92	Z	-.266	-.266	0	%100
63	M97	X	.153	.153	0	%100
64	M97	Z	-.088	-.088	0	%100
65	M102	X	.612	.612	0	%100
66	M102	Z	-.353	-.353	0	%100
67	M107	X	.153	.153	0	%100
68	M107	Z	-.088	-.088	0	%100
69	M114	X	.769	.769	0	%100
70	M114	Z	-.444	-.444	0	%100
71	M115	X	.192	.192	0	%100
72	M115	Z	-.111	-.111	0	%100
73	M116	X	.192	.192	0	%100
74	M116	Z	-.111	-.111	0	%100
75	M117	X	.891	.891	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
76	M117	Z	-.515	-.515	0	%100
77	M118	X	.531	.531	0	%100
78	M118	Z	-.307	-.307	0	%100
79	M119	X	.891	.891	0	%100
80	M119	Z	-.515	-.515	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	.99	.99	0	%100
2	M4	Z	0	0	0	%100
3	M14	X	.247	.247	0	%100
4	M14	Z	0	0	0	%100
5	M27	X	.247	.247	0	%100
6	M27	Z	0	0	0	%100
7	M40	X	.768	.768	0	%100
8	M40	Z	0	0	0	%100
9	M41	X	.768	.768	0	%100
10	M41	Z	0	0	0	%100
11	M42	X	0	0	0	%100
12	M42	Z	0	0	0	%100
13	M43	X	.542	.542	0	%100
14	M43	Z	0	0	0	%100
15	M44	X	.542	.542	0	%100
16	M44	Z	0	0	0	%100
17	M45	X	.542	.542	0	%100
18	M45	Z	0	0	0	%100
19	M46	X	.542	.542	0	%100
20	M46	Z	0	0	0	%100
21	M51	X	.135	.135	0	%100
22	M51	Z	0	0	0	%100
23	M52	X	.135	.135	0	%100
24	M52	Z	0	0	0	%100
25	M53	X	.135	.135	0	%100
26	M53	Z	0	0	0	%100
27	M54	X	.135	.135	0	%100
28	M54	Z	0	0	0	%100
29	M59	X	.135	.135	0	%100
30	M59	Z	0	0	0	%100
31	M60	X	.135	.135	0	%100
32	M60	Z	0	0	0	%100
33	M61	X	.135	.135	0	%100
34	M61	Z	0	0	0	%100
35	M62	X	.135	.135	0	%100
36	M62	Z	0	0	0	%100
37	MP4A	X	.584	.584	0	%100
38	MP4A	Z	0	0	0	%100
39	MP3A	X	.584	.584	0	%100
40	MP3A	Z	0	0	0	%100
41	MP2A	X	.584	.584	0	%100
42	MP2A	Z	0	0	0	%100
43	MP1A	X	.584	.584	0	%100
44	MP1A	Z	0	0	0	%100
45	MP4C	X	.584	.584	0	%100
46	MP4C	Z	0	0	0	%100
47	MP3C	X	.584	.584	0	%100
48	MP3C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
49	MP2C	X	.584	.584	0	%100
50	MP2C	Z	0	0	0	%100
51	MP1C	X	.584	.584	0	%100
52	MP1C	Z	0	0	0	%100
53	MP4B	X	.584	.584	0	%100
54	MP4B	Z	0	0	0	%100
55	MP3B	X	.584	.584	0	%100
56	MP3B	Z	0	0	0	%100
57	MP2B	X	.584	.584	0	%100
58	MP2B	Z	0	0	0	%100
59	MP1B	X	.584	.584	0	%100
60	MP1B	Z	0	0	0	%100
61	M92	X	.532	.532	0	%100
62	M92	Z	0	0	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	0	0	0	%100
65	M102	X	.53	.53	0	%100
66	M102	Z	0	0	0	%100
67	M107	X	.53	.53	0	%100
68	M107	Z	0	0	0	%100
69	M114	X	.666	.666	0	%100
70	M114	Z	0	0	0	%100
71	M115	X	.666	.666	0	%100
72	M115	Z	0	0	0	%100
73	M116	X	0	0	0	%100
74	M116	Z	0	0	0	%100
75	M117	X	1.168	1.168	0	%100
76	M117	Z	0	0	0	%100
77	M118	X	.752	.752	0	%100
78	M118	Z	0	0	0	%100
79	M119	X	.752	.752	0	%100
80	M119	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	.643	.643	0	%100
2	M4	Z	.371	.371	0	%100
3	M14	X	.643	.643	0	%100
4	M14	Z	.371	.371	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	0	0	0	%100
7	M40	X	.887	.887	0	%100
8	M40	Z	.512	.512	0	%100
9	M41	X	.222	.222	0	%100
10	M41	Z	.128	.128	0	%100
11	M42	X	.222	.222	0	%100
12	M42	Z	.128	.128	0	%100
13	M43	X	.352	.352	0	%100
14	M43	Z	.203	.203	0	%100
15	M44	X	.352	.352	0	%100
16	M44	Z	.203	.203	0	%100
17	M45	X	.352	.352	0	%100
18	M45	Z	.203	.203	0	%100
19	M46	X	.352	.352	0	%100
20	M46	Z	.203	.203	0	%100
21	M51	X	.352	.352	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
22	M51	Z	.203	.203	0	%100
23	M52	X	.352	.352	0	%100
24	M52	Z	.203	.203	0	%100
25	M53	X	.352	.352	0	%100
26	M53	Z	.203	.203	0	%100
27	M54	X	.352	.352	0	%100
28	M54	Z	.203	.203	0	%100
29	M59	X	0	0	0	%100
30	M59	Z	0	0	0	%100
31	M60	X	0	0	0	%100
32	M60	Z	0	0	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	0	0	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	0	0	0	%100
37	MP4A	X	.506	.506	0	%100
38	MP4A	Z	.292	.292	0	%100
39	MP3A	X	.506	.506	0	%100
40	MP3A	Z	.292	.292	0	%100
41	MP2A	X	.506	.506	0	%100
42	MP2A	Z	.292	.292	0	%100
43	MP1A	X	.506	.506	0	%100
44	MP1A	Z	.292	.292	0	%100
45	MP4C	X	.506	.506	0	%100
46	MP4C	Z	.292	.292	0	%100
47	MP3C	X	.506	.506	0	%100
48	MP3C	Z	.292	.292	0	%100
49	MP2C	X	.506	.506	0	%100
50	MP2C	Z	.292	.292	0	%100
51	MP1C	X	.506	.506	0	%100
52	MP1C	Z	.292	.292	0	%100
53	MP4B	X	.506	.506	0	%100
54	MP4B	Z	.292	.292	0	%100
55	MP3B	X	.506	.506	0	%100
56	MP3B	Z	.292	.292	0	%100
57	MP2B	X	.506	.506	0	%100
58	MP2B	Z	.292	.292	0	%100
59	MP1B	X	.506	.506	0	%100
60	MP1B	Z	.292	.292	0	%100
61	M92	X	.461	.461	0	%100
62	M92	Z	.266	.266	0	%100
63	M97	X	.153	.153	0	%100
64	M97	Z	.088	.088	0	%100
65	M102	X	.153	.153	0	%100
66	M102	Z	.088	.088	0	%100
67	M107	X	.612	.612	0	%100
68	M107	Z	.353	.353	0	%100
69	M114	X	.192	.192	0	%100
70	M114	Z	.111	.111	0	%100
71	M115	X	.769	.769	0	%100
72	M115	Z	.444	.444	0	%100
73	M116	X	.192	.192	0	%100
74	M116	Z	.111	.111	0	%100
75	M117	X	.891	.891	0	%100
76	M117	Z	.515	.515	0	%100
77	M118	X	.891	.891	0	%100
78	M118	Z	.515	.515	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
79	M119	X	.531	.531	0	%100
80	M119	Z	.307	.307	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	.124	.124	0	%100
2	M4	Z	.214	.214	0	%100
3	M14	X	.495	.495	0	%100
4	M14	Z	.857	.857	0	%100
5	M27	X	.124	.124	0	%100
6	M27	Z	.214	.214	0	%100
7	M40	X	.384	.384	0	%100
8	M40	Z	.665	.665	0	%100
9	M41	X	0	0	0	%100
10	M41	Z	0	0	0	%100
11	M42	X	.384	.384	0	%100
12	M42	Z	.665	.665	0	%100
13	M43	X	.068	.068	0	%100
14	M43	Z	.117	.117	0	%100
15	M44	X	.068	.068	0	%100
16	M44	Z	.117	.117	0	%100
17	M45	X	.068	.068	0	%100
18	M45	Z	.117	.117	0	%100
19	M46	X	.068	.068	0	%100
20	M46	Z	.117	.117	0	%100
21	M51	X	.271	.271	0	%100
22	M51	Z	.469	.469	0	%100
23	M52	X	.271	.271	0	%100
24	M52	Z	.469	.469	0	%100
25	M53	X	.271	.271	0	%100
26	M53	Z	.469	.469	0	%100
27	M54	X	.271	.271	0	%100
28	M54	Z	.469	.469	0	%100
29	M59	X	.068	.068	0	%100
30	M59	Z	.117	.117	0	%100
31	M60	X	.068	.068	0	%100
32	M60	Z	.117	.117	0	%100
33	M61	X	.068	.068	0	%100
34	M61	Z	.117	.117	0	%100
35	M62	X	.068	.068	0	%100
36	M62	Z	.117	.117	0	%100
37	MP4A	X	.292	.292	0	%100
38	MP4A	Z	.506	.506	0	%100
39	MP3A	X	.292	.292	0	%100
40	MP3A	Z	.506	.506	0	%100
41	MP2A	X	.292	.292	0	%100
42	MP2A	Z	.506	.506	0	%100
43	MP1A	X	.292	.292	0	%100
44	MP1A	Z	.506	.506	0	%100
45	MP4C	X	.292	.292	0	%100
46	MP4C	Z	.506	.506	0	%100
47	MP3C	X	.292	.292	0	%100
48	MP3C	Z	.506	.506	0	%100
49	MP2C	X	.292	.292	0	%100
50	MP2C	Z	.506	.506	0	%100
51	MP1C	X	.292	.292	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
52	MP1C	Z	.506	.506	0	%100
53	MP4B	X	.292	.292	0	%100
54	MP4B	Z	.506	.506	0	%100
55	MP3B	X	.292	.292	0	%100
56	MP3B	Z	.506	.506	0	%100
57	MP2B	X	.292	.292	0	%100
58	MP2B	Z	.506	.506	0	%100
59	MP1B	X	.292	.292	0	%100
60	MP1B	Z	.506	.506	0	%100
61	M92	X	.266	.266	0	%100
62	M92	Z	.461	.461	0	%100
63	M97	X	.265	.265	0	%100
64	M97	Z	.459	.459	0	%100
65	M102	X	0	0	0	%100
66	M102	Z	0	0	0	%100
67	M107	X	.265	.265	0	%100
68	M107	Z	.459	.459	0	%100
69	M114	X	0	0	0	%100
70	M114	Z	0	0	0	%100
71	M115	X	.333	.333	0	%100
72	M115	Z	.577	.577	0	%100
73	M116	X	.333	.333	0	%100
74	M116	Z	.577	.577	0	%100
75	M117	X	.376	.376	0	%100
76	M117	Z	.651	.651	0	%100
77	M118	X	.584	.584	0	%100
78	M118	Z	1.011	1.011	0	%100
79	M119	X	.376	.376	0	%100
80	M119	Z	.651	.651	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M14	X	0	0	0	%100
4	M14	Z	.742	.742	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	.742	.742	0	%100
7	M40	X	0	0	0	%100
8	M40	Z	.256	.256	0	%100
9	M41	X	0	0	0	%100
10	M41	Z	.256	.256	0	%100
11	M42	X	0	0	0	%100
12	M42	Z	1.024	1.024	0	%100
13	M43	X	0	0	0	%100
14	M43	Z	0	0	0	%100
15	M44	X	0	0	0	%100
16	M44	Z	0	0	0	%100
17	M45	X	0	0	0	%100
18	M45	Z	0	0	0	%100
19	M46	X	0	0	0	%100
20	M46	Z	0	0	0	%100
21	M51	X	0	0	0	%100
22	M51	Z	.406	.406	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	.406	.406	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
25	M53	X	0	0	0	%100
26	M53	Z	.406	.406	0	%100
27	M54	X	0	0	0	%100
28	M54	Z	.406	.406	0	%100
29	M59	X	0	0	0	%100
30	M59	Z	.406	.406	0	%100
31	M60	X	0	0	0	%100
32	M60	Z	.406	.406	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	.406	.406	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	.406	.406	0	%100
37	MP4A	X	0	0	0	%100
38	MP4A	Z	.584	.584	0	%100
39	MP3A	X	0	0	0	%100
40	MP3A	Z	.584	.584	0	%100
41	MP2A	X	0	0	0	%100
42	MP2A	Z	.584	.584	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	.584	.584	0	%100
45	MP4C	X	0	0	0	%100
46	MP4C	Z	.584	.584	0	%100
47	MP3C	X	0	0	0	%100
48	MP3C	Z	.584	.584	0	%100
49	MP2C	X	0	0	0	%100
50	MP2C	Z	.584	.584	0	%100
51	MP1C	X	0	0	0	%100
52	MP1C	Z	.584	.584	0	%100
53	MP4B	X	0	0	0	%100
54	MP4B	Z	.584	.584	0	%100
55	MP3B	X	0	0	0	%100
56	MP3B	Z	.584	.584	0	%100
57	MP2B	X	0	0	0	%100
58	MP2B	Z	.584	.584	0	%100
59	MP1B	X	0	0	0	%100
60	MP1B	Z	.584	.584	0	%100
61	M92	X	0	0	0	%100
62	M92	Z	.532	.532	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	.707	.707	0	%100
65	M102	X	0	0	0	%100
66	M102	Z	.177	.177	0	%100
67	M107	X	0	0	0	%100
68	M107	Z	.177	.177	0	%100
69	M114	X	0	0	0	%100
70	M114	Z	.222	.222	0	%100
71	M115	X	0	0	0	%100
72	M115	Z	.222	.222	0	%100
73	M116	X	0	0	0	%100
74	M116	Z	.888	.888	0	%100
75	M117	X	0	0	0	%100
76	M117	Z	.613	.613	0	%100
77	M118	X	0	0	0	%100
78	M118	Z	1.029	1.029	0	%100
79	M119	X	0	0	0	%100
80	M119	Z	1.029	1.029	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	-.124	-.124	0	%100
2	M4	Z	.214	.214	0	%100
3	M14	X	-.124	-.124	0	%100
4	M14	Z	.214	.214	0	%100
5	M27	X	-.495	-.495	0	%100
6	M27	Z	.857	.857	0	%100
7	M40	X	0	0	0	%100
8	M40	Z	0	0	0	%100
9	M41	X	-.384	-.384	0	%100
10	M41	Z	.665	.665	0	%100
11	M42	X	-.384	-.384	0	%100
12	M42	Z	.665	.665	0	%100
13	M43	X	-.068	-.068	0	%100
14	M43	Z	.117	.117	0	%100
15	M44	X	-.068	-.068	0	%100
16	M44	Z	.117	.117	0	%100
17	M45	X	-.068	-.068	0	%100
18	M45	Z	.117	.117	0	%100
19	M46	X	-.068	-.068	0	%100
20	M46	Z	.117	.117	0	%100
21	M51	X	-.068	-.068	0	%100
22	M51	Z	.117	.117	0	%100
23	M52	X	-.068	-.068	0	%100
24	M52	Z	.117	.117	0	%100
25	M53	X	-.068	-.068	0	%100
26	M53	Z	.117	.117	0	%100
27	M54	X	-.068	-.068	0	%100
28	M54	Z	.117	.117	0	%100
29	M59	X	-.271	-.271	0	%100
30	M59	Z	.469	.469	0	%100
31	M60	X	-.271	-.271	0	%100
32	M60	Z	.469	.469	0	%100
33	M61	X	-.271	-.271	0	%100
34	M61	Z	.469	.469	0	%100
35	M62	X	-.271	-.271	0	%100
36	M62	Z	.469	.469	0	%100
37	MP4A	X	-.292	-.292	0	%100
38	MP4A	Z	.506	.506	0	%100
39	MP3A	X	-.292	-.292	0	%100
40	MP3A	Z	.506	.506	0	%100
41	MP2A	X	-.292	-.292	0	%100
42	MP2A	Z	.506	.506	0	%100
43	MP1A	X	-.292	-.292	0	%100
44	MP1A	Z	.506	.506	0	%100
45	MP4C	X	-.292	-.292	0	%100
46	MP4C	Z	.506	.506	0	%100
47	MP3C	X	-.292	-.292	0	%100
48	MP3C	Z	.506	.506	0	%100
49	MP2C	X	-.292	-.292	0	%100
50	MP2C	Z	.506	.506	0	%100
51	MP1C	X	-.292	-.292	0	%100
52	MP1C	Z	.506	.506	0	%100
53	MP4B	X	-.292	-.292	0	%100
54	MP4B	Z	.506	.506	0	%100
55	MP3B	X	-.292	-.292	0	%100
56	MP3B	Z	.506	.506	0	%100
57	MP2B	X	-.292	-.292	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
58	MP2B	Z	.506	.506	0	%100
59	MP1B	X	-.292	-.292	0	%100
60	MP1B	Z	.506	.506	0	%100
61	M92	X	-.266	-.266	0	%100
62	M92	Z	.461	.461	0	%100
63	M97	X	-.265	-.265	0	%100
64	M97	Z	.459	.459	0	%100
65	M102	X	-.265	-.265	0	%100
66	M102	Z	.459	.459	0	%100
67	M107	X	0	0	0	%100
68	M107	Z	0	0	0	%100
69	M114	X	-.333	-.333	0	%100
70	M114	Z	.577	.577	0	%100
71	M115	X	0	0	0	%100
72	M115	Z	0	0	0	%100
73	M116	X	-.333	-.333	0	%100
74	M116	Z	.577	.577	0	%100
75	M117	X	-.376	-.376	0	%100
76	M117	Z	.651	.651	0	%100
77	M118	X	-.376	-.376	0	%100
78	M118	Z	.651	.651	0	%100
79	M119	X	-.584	-.584	0	%100
80	M119	Z	1.011	1.011	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	-.643	-.643	0	%100
2	M4	Z	.371	.371	0	%100
3	M14	X	0	0	0	%100
4	M14	Z	0	0	0	%100
5	M27	X	-.643	-.643	0	%100
6	M27	Z	.371	.371	0	%100
7	M40	X	-.222	-.222	0	%100
8	M40	Z	.128	.128	0	%100
9	M41	X	-.887	-.887	0	%100
10	M41	Z	.512	.512	0	%100
11	M42	X	-.222	-.222	0	%100
12	M42	Z	.128	.128	0	%100
13	M43	X	-.352	-.352	0	%100
14	M43	Z	.203	.203	0	%100
15	M44	X	-.352	-.352	0	%100
16	M44	Z	.203	.203	0	%100
17	M45	X	-.352	-.352	0	%100
18	M45	Z	.203	.203	0	%100
19	M46	X	-.352	-.352	0	%100
20	M46	Z	.203	.203	0	%100
21	M51	X	0	0	0	%100
22	M51	Z	0	0	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	0	0	0	%100
25	M53	X	0	0	0	%100
26	M53	Z	0	0	0	%100
27	M54	X	0	0	0	%100
28	M54	Z	0	0	0	%100
29	M59	X	-.352	-.352	0	%100
30	M59	Z	.203	.203	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
31	M60	X	-.352	-.352	0	%100
32	M60	Z	.203	.203	0	%100
33	M61	X	-.352	-.352	0	%100
34	M61	Z	.203	.203	0	%100
35	M62	X	-.352	-.352	0	%100
36	M62	Z	.203	.203	0	%100
37	MP4A	X	-.506	-.506	0	%100
38	MP4A	Z	.292	.292	0	%100
39	MP3A	X	-.506	-.506	0	%100
40	MP3A	Z	.292	.292	0	%100
41	MP2A	X	-.506	-.506	0	%100
42	MP2A	Z	.292	.292	0	%100
43	MP1A	X	-.506	-.506	0	%100
44	MP1A	Z	.292	.292	0	%100
45	MP4C	X	-.506	-.506	0	%100
46	MP4C	Z	.292	.292	0	%100
47	MP3C	X	-.506	-.506	0	%100
48	MP3C	Z	.292	.292	0	%100
49	MP2C	X	-.506	-.506	0	%100
50	MP2C	Z	.292	.292	0	%100
51	MP1C	X	-.506	-.506	0	%100
52	MP1C	Z	.292	.292	0	%100
53	MP4B	X	-.506	-.506	0	%100
54	MP4B	Z	.292	.292	0	%100
55	MP3B	X	-.506	-.506	0	%100
56	MP3B	Z	.292	.292	0	%100
57	MP2B	X	-.506	-.506	0	%100
58	MP2B	Z	.292	.292	0	%100
59	MP1B	X	-.506	-.506	0	%100
60	MP1B	Z	.292	.292	0	%100
61	M92	X	-.461	-.461	0	%100
62	M92	Z	.266	.266	0	%100
63	M97	X	-.153	-.153	0	%100
64	M97	Z	.088	.088	0	%100
65	M102	X	-.612	-.612	0	%100
66	M102	Z	.353	.353	0	%100
67	M107	X	-.153	-.153	0	%100
68	M107	Z	.088	.088	0	%100
69	M114	X	-.769	-.769	0	%100
70	M114	Z	.444	.444	0	%100
71	M115	X	-.192	-.192	0	%100
72	M115	Z	.111	.111	0	%100
73	M116	X	-.192	-.192	0	%100
74	M116	Z	.111	.111	0	%100
75	M117	X	-.891	-.891	0	%100
76	M117	Z	.515	.515	0	%100
77	M118	X	-.531	-.531	0	%100
78	M118	Z	.307	.307	0	%100
79	M119	X	-.891	-.891	0	%100
80	M119	Z	.515	.515	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	-.99	-.99	0	%100
2	M4	Z	0	0	0	%100
3	M14	X	-.247	-.247	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
4	M14	Z	0	0	0	%100
5	M27	X	-.247	-.247	0	%100
6	M27	Z	0	0	0	%100
7	M40	X	-.768	-.768	0	%100
8	M40	Z	0	0	0	%100
9	M41	X	-.768	-.768	0	%100
10	M41	Z	0	0	0	%100
11	M42	X	0	0	0	%100
12	M42	Z	0	0	0	%100
13	M43	X	-.542	-.542	0	%100
14	M43	Z	0	0	0	%100
15	M44	X	-.542	-.542	0	%100
16	M44	Z	0	0	0	%100
17	M45	X	-.542	-.542	0	%100
18	M45	Z	0	0	0	%100
19	M46	X	-.542	-.542	0	%100
20	M46	Z	0	0	0	%100
21	M51	X	-.135	-.135	0	%100
22	M51	Z	0	0	0	%100
23	M52	X	-.135	-.135	0	%100
24	M52	Z	0	0	0	%100
25	M53	X	-.135	-.135	0	%100
26	M53	Z	0	0	0	%100
27	M54	X	-.135	-.135	0	%100
28	M54	Z	0	0	0	%100
29	M59	X	-.135	-.135	0	%100
30	M59	Z	0	0	0	%100
31	M60	X	-.135	-.135	0	%100
32	M60	Z	0	0	0	%100
33	M61	X	-.135	-.135	0	%100
34	M61	Z	0	0	0	%100
35	M62	X	-.135	-.135	0	%100
36	M62	Z	0	0	0	%100
37	MP4A	X	-.584	-.584	0	%100
38	MP4A	Z	0	0	0	%100
39	MP3A	X	-.584	-.584	0	%100
40	MP3A	Z	0	0	0	%100
41	MP2A	X	-.584	-.584	0	%100
42	MP2A	Z	0	0	0	%100
43	MP1A	X	-.584	-.584	0	%100
44	MP1A	Z	0	0	0	%100
45	MP4C	X	-.584	-.584	0	%100
46	MP4C	Z	0	0	0	%100
47	MP3C	X	-.584	-.584	0	%100
48	MP3C	Z	0	0	0	%100
49	MP2C	X	-.584	-.584	0	%100
50	MP2C	Z	0	0	0	%100
51	MP1C	X	-.584	-.584	0	%100
52	MP1C	Z	0	0	0	%100
53	MP4B	X	-.584	-.584	0	%100
54	MP4B	Z	0	0	0	%100
55	MP3B	X	-.584	-.584	0	%100
56	MP3B	Z	0	0	0	%100
57	MP2B	X	-.584	-.584	0	%100
58	MP2B	Z	0	0	0	%100
59	MP1B	X	-.584	-.584	0	%100
60	MP1B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
61	M92	X	-.532	-.532	0	%100
62	M92	Z	0	0	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	0	0	0	%100
65	M102	X	-.53	-.53	0	%100
66	M102	Z	0	0	0	%100
67	M107	X	-.53	-.53	0	%100
68	M107	Z	0	0	0	%100
69	M114	X	-.666	-.666	0	%100
70	M114	Z	0	0	0	%100
71	M115	X	-.666	-.666	0	%100
72	M115	Z	0	0	0	%100
73	M116	X	0	0	0	%100
74	M116	Z	0	0	0	%100
75	M117	X	-1.168	-1.168	0	%100
76	M117	Z	0	0	0	%100
77	M118	X	-.752	-.752	0	%100
78	M118	Z	0	0	0	%100
79	M119	X	-.752	-.752	0	%100
80	M119	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	-.643	-.643	0	%100
2	M4	Z	-.371	-.371	0	%100
3	M14	X	-.643	-.643	0	%100
4	M14	Z	-.371	-.371	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	0	0	0	%100
7	M40	X	-.887	-.887	0	%100
8	M40	Z	-.512	-.512	0	%100
9	M41	X	-.222	-.222	0	%100
10	M41	Z	-.128	-.128	0	%100
11	M42	X	-.222	-.222	0	%100
12	M42	Z	-.128	-.128	0	%100
13	M43	X	-.352	-.352	0	%100
14	M43	Z	-.203	-.203	0	%100
15	M44	X	-.352	-.352	0	%100
16	M44	Z	-.203	-.203	0	%100
17	M45	X	-.352	-.352	0	%100
18	M45	Z	-.203	-.203	0	%100
19	M46	X	-.352	-.352	0	%100
20	M46	Z	-.203	-.203	0	%100
21	M51	X	-.352	-.352	0	%100
22	M51	Z	-.203	-.203	0	%100
23	M52	X	-.352	-.352	0	%100
24	M52	Z	-.203	-.203	0	%100
25	M53	X	-.352	-.352	0	%100
26	M53	Z	-.203	-.203	0	%100
27	M54	X	-.352	-.352	0	%100
28	M54	Z	-.203	-.203	0	%100
29	M59	X	0	0	0	%100
30	M59	Z	0	0	0	%100
31	M60	X	0	0	0	%100
32	M60	Z	0	0	0	%100
33	M61	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
34	M61	Z	0	0	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	0	0	0	%100
37	MP4A	X	-.506	-.506	0	%100
38	MP4A	Z	-.292	-.292	0	%100
39	MP3A	X	-.506	-.506	0	%100
40	MP3A	Z	-.292	-.292	0	%100
41	MP2A	X	-.506	-.506	0	%100
42	MP2A	Z	-.292	-.292	0	%100
43	MP1A	X	-.506	-.506	0	%100
44	MP1A	Z	-.292	-.292	0	%100
45	MP4C	X	-.506	-.506	0	%100
46	MP4C	Z	-.292	-.292	0	%100
47	MP3C	X	-.506	-.506	0	%100
48	MP3C	Z	-.292	-.292	0	%100
49	MP2C	X	-.506	-.506	0	%100
50	MP2C	Z	-.292	-.292	0	%100
51	MP1C	X	-.506	-.506	0	%100
52	MP1C	Z	-.292	-.292	0	%100
53	MP4B	X	-.506	-.506	0	%100
54	MP4B	Z	-.292	-.292	0	%100
55	MP3B	X	-.506	-.506	0	%100
56	MP3B	Z	-.292	-.292	0	%100
57	MP2B	X	-.506	-.506	0	%100
58	MP2B	Z	-.292	-.292	0	%100
59	MP1B	X	-.506	-.506	0	%100
60	MP1B	Z	-.292	-.292	0	%100
61	M92	X	-.461	-.461	0	%100
62	M92	Z	-.266	-.266	0	%100
63	M97	X	-.153	-.153	0	%100
64	M97	Z	-.088	-.088	0	%100
65	M102	X	-.153	-.153	0	%100
66	M102	Z	-.088	-.088	0	%100
67	M107	X	-.612	-.612	0	%100
68	M107	Z	-.353	-.353	0	%100
69	M114	X	-.192	-.192	0	%100
70	M114	Z	-.111	-.111	0	%100
71	M115	X	-.769	-.769	0	%100
72	M115	Z	-.444	-.444	0	%100
73	M116	X	-.192	-.192	0	%100
74	M116	Z	-.111	-.111	0	%100
75	M117	X	-.891	-.891	0	%100
76	M117	Z	-.515	-.515	0	%100
77	M118	X	-.891	-.891	0	%100
78	M118	Z	-.515	-.515	0	%100
79	M119	X	-.531	-.531	0	%100
80	M119	Z	-.307	-.307	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M4	X	-.124	-.124	0	%100
2	M4	Z	-.214	-.214	0	%100
3	M14	X	-.495	-.495	0	%100
4	M14	Z	-.857	-.857	0	%100
5	M27	X	-.124	-.124	0	%100
6	M27	Z	-.214	-.214	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
7	M40	X	-.384	-.384	0	%100
8	M40	Z	-.665	-.665	0	%100
9	M41	X	0	0	0	%100
10	M41	Z	0	0	0	%100
11	M42	X	-.384	-.384	0	%100
12	M42	Z	-.665	-.665	0	%100
13	M43	X	-.068	-.068	0	%100
14	M43	Z	-.117	-.117	0	%100
15	M44	X	-.068	-.068	0	%100
16	M44	Z	-.117	-.117	0	%100
17	M45	X	-.068	-.068	0	%100
18	M45	Z	-.117	-.117	0	%100
19	M46	X	-.068	-.068	0	%100
20	M46	Z	-.117	-.117	0	%100
21	M51	X	-.271	-.271	0	%100
22	M51	Z	-.469	-.469	0	%100
23	M52	X	-.271	-.271	0	%100
24	M52	Z	-.469	-.469	0	%100
25	M53	X	-.271	-.271	0	%100
26	M53	Z	-.469	-.469	0	%100
27	M54	X	-.271	-.271	0	%100
28	M54	Z	-.469	-.469	0	%100
29	M59	X	-.068	-.068	0	%100
30	M59	Z	-.117	-.117	0	%100
31	M60	X	-.068	-.068	0	%100
32	M60	Z	-.117	-.117	0	%100
33	M61	X	-.068	-.068	0	%100
34	M61	Z	-.117	-.117	0	%100
35	M62	X	-.068	-.068	0	%100
36	M62	Z	-.117	-.117	0	%100
37	MP4A	X	-.292	-.292	0	%100
38	MP4A	Z	-.506	-.506	0	%100
39	MP3A	X	-.292	-.292	0	%100
40	MP3A	Z	-.506	-.506	0	%100
41	MP2A	X	-.292	-.292	0	%100
42	MP2A	Z	-.506	-.506	0	%100
43	MP1A	X	-.292	-.292	0	%100
44	MP1A	Z	-.506	-.506	0	%100
45	MP4C	X	-.292	-.292	0	%100
46	MP4C	Z	-.506	-.506	0	%100
47	MP3C	X	-.292	-.292	0	%100
48	MP3C	Z	-.506	-.506	0	%100
49	MP2C	X	-.292	-.292	0	%100
50	MP2C	Z	-.506	-.506	0	%100
51	MP1C	X	-.292	-.292	0	%100
52	MP1C	Z	-.506	-.506	0	%100
53	MP4B	X	-.292	-.292	0	%100
54	MP4B	Z	-.506	-.506	0	%100
55	MP3B	X	-.292	-.292	0	%100
56	MP3B	Z	-.506	-.506	0	%100
57	MP2B	X	-.292	-.292	0	%100
58	MP2B	Z	-.506	-.506	0	%100
59	MP1B	X	-.292	-.292	0	%100
60	MP1B	Z	-.506	-.506	0	%100
61	M92	X	-.266	-.266	0	%100
62	M92	Z	-.461	-.461	0	%100
63	M97	X	-.265	-.265	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
64	M97	Z	-.459	-.459	0	%100
65	M102	X	0	0	0	%100
66	M102	Z	0	0	0	%100
67	M107	X	-.265	-.265	0	%100
68	M107	Z	-.459	-.459	0	%100
69	M114	X	0	0	0	%100
70	M114	Z	0	0	0	%100
71	M115	X	-.333	-.333	0	%100
72	M115	Z	-.577	-.577	0	%100
73	M116	X	-.333	-.333	0	%100
74	M116	Z	-.577	-.577	0	%100
75	M117	X	-.376	-.376	0	%100
76	M117	Z	-.651	-.651	0	%100
77	M118	X	-.584	-.584	0	%100
78	M118	Z	-1.011	-1.011	0	%100
79	M119	X	-.376	-.376	0	%100
80	M119	Z	-.651	-.651	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M43	Y	-12	-12	0	.875
2	M44	Y	-24	-24	0	.875
3	M45	Y	-24	-24	5.551e-17	.875
4	M46	Y	-12	-12	0	.875
5	M51	Y	-12	-12	0	.875
6	M52	Y	-24	-24	8.469e-13	.875
7	M53	Y	-24	-24	1.267e-12	.875
8	M54	Y	-12	-12	3.081e-15	.875
9	M59	Y	-12	-12	6.115e-14	.875
10	M60	Y	-24	-24	2.225e-13	.875
11	M61	Y	-24	-24	0	.875
12	M62	Y	-12	-12	0	.875

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M43	Y	-13.333	-13.333	0	.875
2	M44	Y	-26.667	-26.667	0	.875
3	M45	Y	-26.667	-26.667	5.551e-17	.875
4	M46	Y	-13.333	-13.333	0	.875
5	M51	Y	-13.333	-13.333	0	.875
6	M52	Y	-26.667	-26.667	8.469e-13	.875
7	M53	Y	-26.667	-26.667	1.267e-12	.875
8	M54	Y	-13.333	-13.333	3.081e-15	.875
9	M59	Y	-13.333	-13.333	6.115e-14	.875
10	M60	Y	-26.667	-26.667	2.225e-13	.875
11	M61	Y	-26.667	-26.667	0	.875
12	M62	Y	-13.333	-13.333	0	.875

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N43	N42	N46	N47	Y	A-B	-.009
2	N56	N55	N59	N60	Y	A-B	-.009
3	N69	N68	N72	N73	Y	A-B	-.009

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N43	N42	N46	N47	Y	A-B	-.01
2	N56	N55	N59	N60	Y	A-B	-.01
3	N69	N68	N72	N73	Y	A-B	-.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	N3	max	838.77	10	391.473	19	7114.086	1	.519	14	1.589	4	.336	4
2		min	-839.405	4	14.872	1	-5053.967	7	.183	64	-1.591	10	-.308	10
3	N14	max	5616.855	9	232.46	15	2127.655	3	-.076	8	1.549	12	-.133	8
4		min	-3842.308	3	17.136	8	-3148.534	9	-.206	14	-1.549	6	-.357	14
5	N26	max	3828.16	11	234.031	11	2291.387	11	-.076	68	1.723	8	.355	23
6		min	-5589.297	5	13.894	5	-3310.69	5	-.205	23	-1.724	2	.132	68
7	N166	max	46.222	10	2734.086	13	178.073	7	0	75	0	8	0	2
8		min	-46.253	4	-107.596	7	-4118.629	13	0	1	0	2	0	8
9	N168	max	-61.033	3	2685.111	21	2021.519	21	0	2	0	8	0	8
10		min	-3501.576	21	54.026	3	35.244	3	0	8	0	2	0	2
11	N170	max	3482.926	17	2671.184	17	2010.935	17	0	12	0	12	0	12
12		min	21.08	11	24.026	11	12.17	11	0	6	0	6	0	6
13	Totals:	max	6707.885	10	8067.683	24	7312.275	1						
14		min	-6707.884	4	2738.519	69	-7312.275	7						

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

	Memb...	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[...	Dir	LC	phi*P...	phi*Pnt [...	phi*Mn ...	phi*Mn z-...	Cb	Eqn
1	MP3C	PIPE_2.0	.654	5.313	7	.128	5.313		6	13511..	32130	1.872	1.872	3.0...	H1..
2	MP3B	PIPE_2.0	.624	5.313	2	.134	5.313		1	13511..	32130	1.872	1.872	3.2...	H1..
3	MP3A	PIPE_2.0	.606	5.313	11	.123	5.313		9	13511..	32130	1.872	1.872	3.0...	H1..
4	MP2C	PIPE_2.0	.590	5.313	12	.133	4.427		1	13511..	32130	1.872	1.872	2.2...	H1..
5	MP2B	PIPE_2.0	.583	5.313	7	.131	5.401		1	13511..	32130	1.872	1.872	3.1...	H1..
6	MP2A	PIPE_2.0	.544	5.313	4	.131	5.401		9	13511..	32130	1.872	1.872	2.2...	H1..
7	MP1C	PIPE_2.0	.525	5.313	1	.102	5.313		2	13511..	32130	1.872	1.872	4.3...	H1..
8	MP1B	PIPE_2.0	.510	5.313	8	.092	5.313		10	13511..	32130	1.872	1.872	2.5...	H1..
9	MP4C	PIPE_2.0	.493	5.313	6	.106	5.313		7	13511..	32130	1.872	1.872	2.6...	H1..
10	MP1A	PIPE_2.0	.489	5.313	4	.096	5.313		6	13511..	32130	1.872	1.872	2.4...	H1..
11	MP4B	PIPE_2.0	.479	5.313	2	.093	5.313		4	13511..	32130	1.872	1.872	2.4...	H1..
12	M114	L3X3X4	.471	0	5	.041	0	y	12	42345..	46656	1.688	3.756	2.1...	H2..
13	M115	L3X3X4	.464	0	1	.041	0	y	8	42345..	46656	1.688	3.756	2.1...	H2..
14	MP4A	PIPE_2.0	.454	5.313	10	.101	5.313		12	13511..	32130	1.872	1.872	2.3...	H1..
15	M116	L3X3X4	.432	0	9	.037	.872	y	4	42345..	46656	1.688	3.756	2.1...	H2..
16	M102	PIPE_2.5	.292	12.3...	12	.160	10.9...		2	13460..	50715	3.596	3.596	3.2...	H1..
17	M107	PIPE_2.5	.284	12.3...	8	.145	10.9...		11	13460..	50715	3.596	3.596	3.2...	H1..
18	M97	PIPE_2.5	.274	12.3...	4	.148	10.9...		6	13460..	50715	3.596	3.596	3.2...	H1..
19	M27	HSS4X4X4	.230	5.552	7	.069	4.68	y	17	10945..	139518	16.181	16.181	4.4...	H1..
20	M14	HSS4X4X4	.221	5.552	12	.069	4.68	y	21	10945..	139518	16.181	16.181	3.9...	H1..
21	M4	HSS4X4X4	.208	5.552	3	.070	4.68	y	13	10945..	139518	16.181	16.181	4.8	H1..
22	M42	HSS4X4X4	.185	13.2...	1	.067	0	z	7	67000..	139518	16.181	16.181	2.7...	H1..
23	M40	HSS4X4X4	.181	0	5	.063	13.2...	z	11	67000..	139518	16.181	16.181	2.7...	H1..
24	M92	PIPE_2.0	.178	3	3	.018	3		3	26521..	32130	1.872	1.872	1.6...	H1..
25	M41	HSS4X4X4	.169	0	9	.065	13.2...	z	2	67000..	139518	16.181	16.181	2.6...	H1..
26	M117	LL3x3x3x6	.107	0	13	.003	5.504	z	4	46263..	70632	6.362	3.751	1	H1..
27	M118	LL3x3x3x6	.105	0	21	.002	5.504	y	20	46263..	70632	6.362	3.751	1	H1..
28	M119	LL3x3x3x6	.104	0	17	.002	5.504	y	18	46263..	70632	6.362	3.751	1	H1..
29	M44	L2x2x4	.037	0	22	.006	0	y	22	29422..	30585.6	.691	1.577	2.3...	H2..
30	M52	L2x2x4	.037	0	18	.006	0	y	24	29422..	30585.6	.691	1.577	2.3...	H2..
31	M60	L2x2x4	.037	0	14	.006	0	y	23	29422..	30585.6	.691	1.577	2.3...	H2..

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

	Memb...	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[...	Dir	LC	phi*P...	phi*Pnt [...	phi*Mn ...	phi*Mn z-...	Cb	Eqn
32	M45	L2x2x4	.037	0	16	.006	0	z	22	29422...	30585.6	.691	1.577	2.3...	H2...
33	M53	L2x2x4	.037	0	24	.006	0	z	24	29422...	30585.6	.691	1.577	2.3...	H2...
34	M61	L2x2x4	.037	0	20	.006	0	z	23	29422...	30585.6	.691	1.577	2.3...	H2...
35	M43	L2x2x4	.021	0	22	.003	0	y	21	29422...	30585.6	.691	1.577	2.3...	H2...
36	M51	L2x2x4	.021	0	18	.003	0	y	17	29422...	30585.6	.691	1.577	2.3...	H2...
37	M59	L2x2x4	.021	0	14	.003	0	y	13	29422...	30585.6	.691	1.577	2.3...	H2...
38	M46	L2x2x4	.021	0	16	.003	0	z	24	29422...	30585.6	.691	1.577	2.3...	H2...
39	M62	L2x2x4	.021	0	20	.003	0	z	23	29422...	30585.6	.691	1.577	2.3...	H2...
40	M54	L2x2x4	.021	0	24	.003	0	z	24	29422...	30585.6	.691	1.577	2.3...	H2...

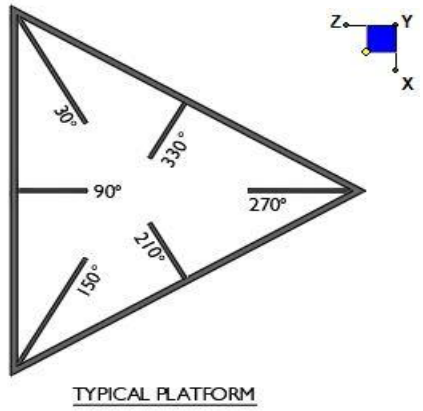
Client:	Verizon	Date:	11/11/2021
Site Name:	NEWTOWN NE CT		
Project No.	21777464A		
Title:	Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

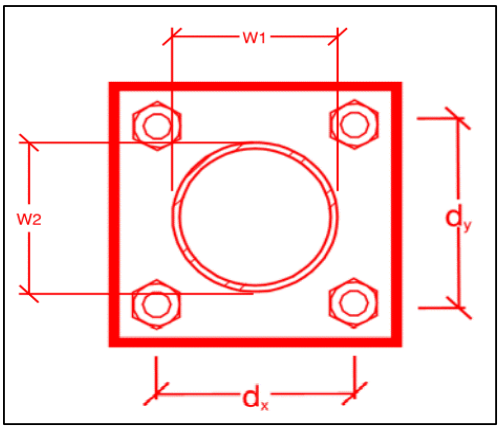
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N14	30
N3	270
N26	150



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)* :	3
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	8
Bolt Type:	A325N
Bolt Diameter (in):	0.75
Required Tensile Strength (kips):	14.9
Required Shear Strength (kips):	3.5
Tensile Strength / bolt (kips):	29.8
Shear Strength / bolt (kips):	17.9
Tensile Capacity Overall:	**12.5%***
Shear Capacity Overall:	**5.0%**



**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):	6
Plate Height (in):	10
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.5
Weld Size (1/16 in):	6
Phi*Rn (kip/in):	8.35
Required Weld Strength (kip/in):	1.05
Plate Bending Capacity:	**55.5%**
Weld Capacity:	**12.6%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	7.0
$Phi*Mn_{xx}$ *(kip-in)* :	12.2
Mu_{yy} *(kip-in)* :	-0.4
$Phi*Mn_{yy}$ *(kip-in)* :	20.3

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

Electronic pdf version of this can be downloaded at https://pmi.vzwsmart.com
For additional questions and support, please reach out to pmisupport@colliersengineering.com

---

Purpose – to upload the proper documentation to the SMART Tool in order to allow the SMART Tool engineering vendor 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 modification was completed in accordance with the modification drawings.
- Contractor shall relay any data that can impact the performance of the mount or the mount modification, this includes safety issues.

Base Requirements:

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

Photo Requirements:

- *Photos taken at ground level*
  - Photo of Gate Signs showing the tower owner, site name, and number.
  - Overall tower structure after installation of the modifications.
  - Photos of the mount 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 the safety climb wire rope above and below the mount prior to modification.
  - Photos showing the climbing facility and safety climb if present.
  - Photos showing each individual sector after installation of modifications. Each entire sector must be in one photo to show the interconnection of members.

        - These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
    - Photos that show the model number of each antenna and piece of equipment installed per sector.
    - Photos of each installed modification per the modification drawings; pictures shall also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
    - Photos showing the distances (relative distance between collars) of the installed modifications from the appropriate reference locations shown in the modification drawings.
    - Photos showing the installed modifications onto the tower (i.e. ring/collar mounts, tie-backs, V-bracing kits, etc.); if the existing mount elevation needs to be changed according to the modification drawings, an elevation measurement shall be provided before the elevation change.

Material Certification:

- Materials utilized must be as per specification on the drawings or the equivalent as validated by the SMART Tool vendor.
    - If the materials are as specified on the drawings
        - The contractor shall provide the packing list, or the materials certifications for the materials utilized to perform the mount modification
        - Commscope, Metrosite, Perfect Vision, Sabre, and Site Pro have all agreed to support Verizon vendors with the necessary material certifications
    - If seeking permission to use an equivalent
        - It is required that the SMART Tool engineering vendor approval of such is included in the contractor submission package. There may be an additional charge for approval if the equivalent submission doesn't meet specifications as prescribed in the drawings.

☐ All hardware has been properly installed, and the existing hardware was inspected.

☐ The material utilized was as specified on the SMART Tool engineering vendor Mount Modification Drawings and included in the material certification folder is a packing list or invoice for these materials.

OR

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

Antenna & equipment placement and Geometry Confirmation:

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

OR

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

Comments:

Certifying Individual:

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

Was the mount modification completed in conjunction with the equipment change / installation?

☐ Yes ☐ No

Special Instructions / Validation as required from the MA or Mod Drawings:

Issue:

Install the proposed OVP on a 48” long P2 STD pipe on the standoff horizontal between beta and gamma sector. Attach the proposed OVP pipe to the standoff horizontal using back to back crossover plate (VZWSMART Part #: MSK6). Contractor to inspect climbing facilities at site and ensure that the safety climb is in good condition and that the wire rope does not or will not interfere with the existing or proposed mount connections. Contractor shall install safety climb wire rope guides around mount connections as needed.

Response:

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

☐ Yes ☐ No

Contractor certifies no new damage/obstructions created during the current installation:

☐ Yes ☐ No

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

☐ Safety climb in good condition with no obstructions ☐ Safety Climb Damaged
☐ Safety Climb Obstructed

Comments:

Structure: 46 65-VZW - NEWTOWN NE CT

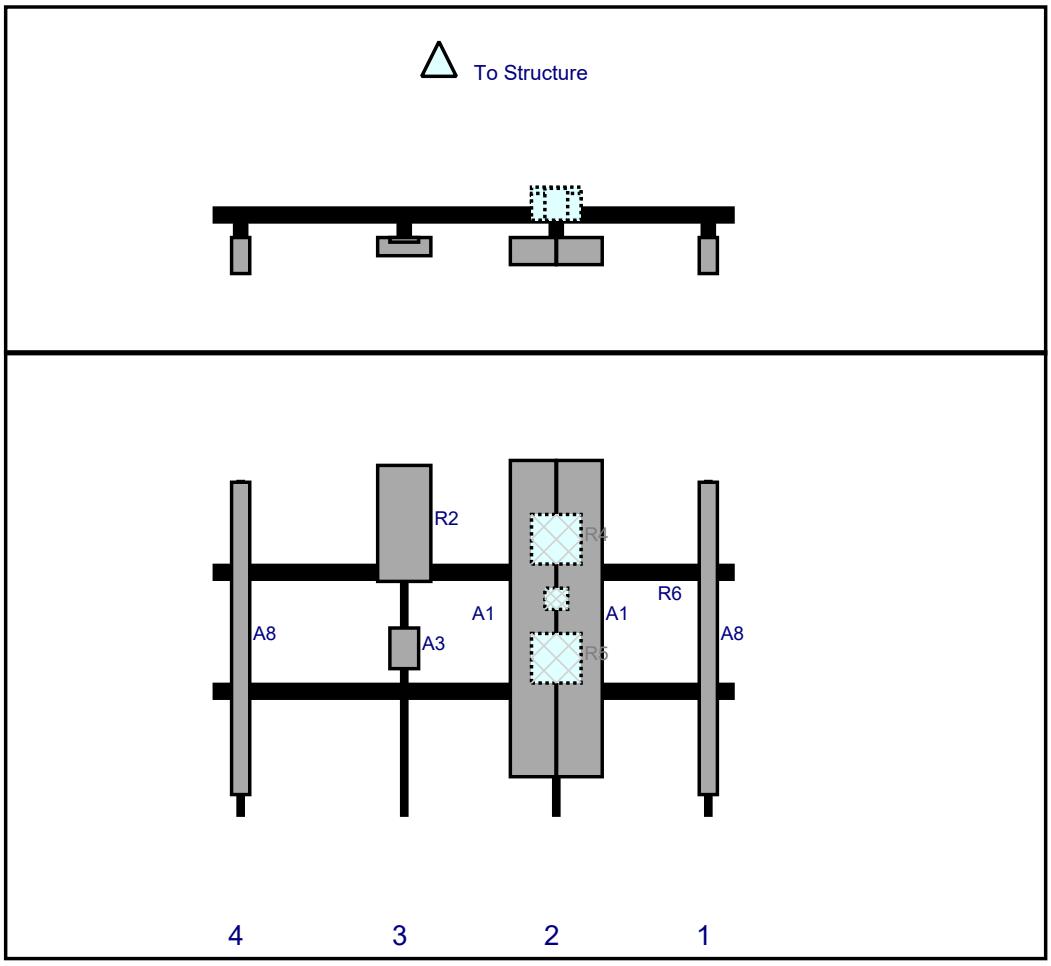
Sector: **A** 11/11/2021

Structure Type: Monopole 10115589

Mount Elev: 97.00 Page: 1

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
A8	LPA-80080/8CF	94.5	5.5	150	1	a	Front	48	0	Retained	10/28/2021
A1	JAHH-65C-R3B	95.7	13.8	104	2	b	Front	42	-7	Added	
A1	JAHH-65C-R3B	95.7	13.8	104	2	c	Front	42	7	Added	
R4	B2/B66A RRH-BR049	15	15	104	2	a	Behind	18	0	Added	
R5	B5/B13 RRH-BR04C	15	15	104	2	a	Behind	54	0	Added	
R6	CBC78T-DS-43-2X	6.4	6.9	104	2	a	Behind	36	0	Added	
A3	XXDWMM-12.5-65-8T-CBRS	12.3	8.7	58	3	a	Front	51	0	Added	
R2	MT6407-77A	35.1	16.1	58	3	a	Front	13.2	0	Added	
A8	LPA-80080/8CF	94.5	5.5	8.5	4	a	Front	48	0	Retained	10/28/2021

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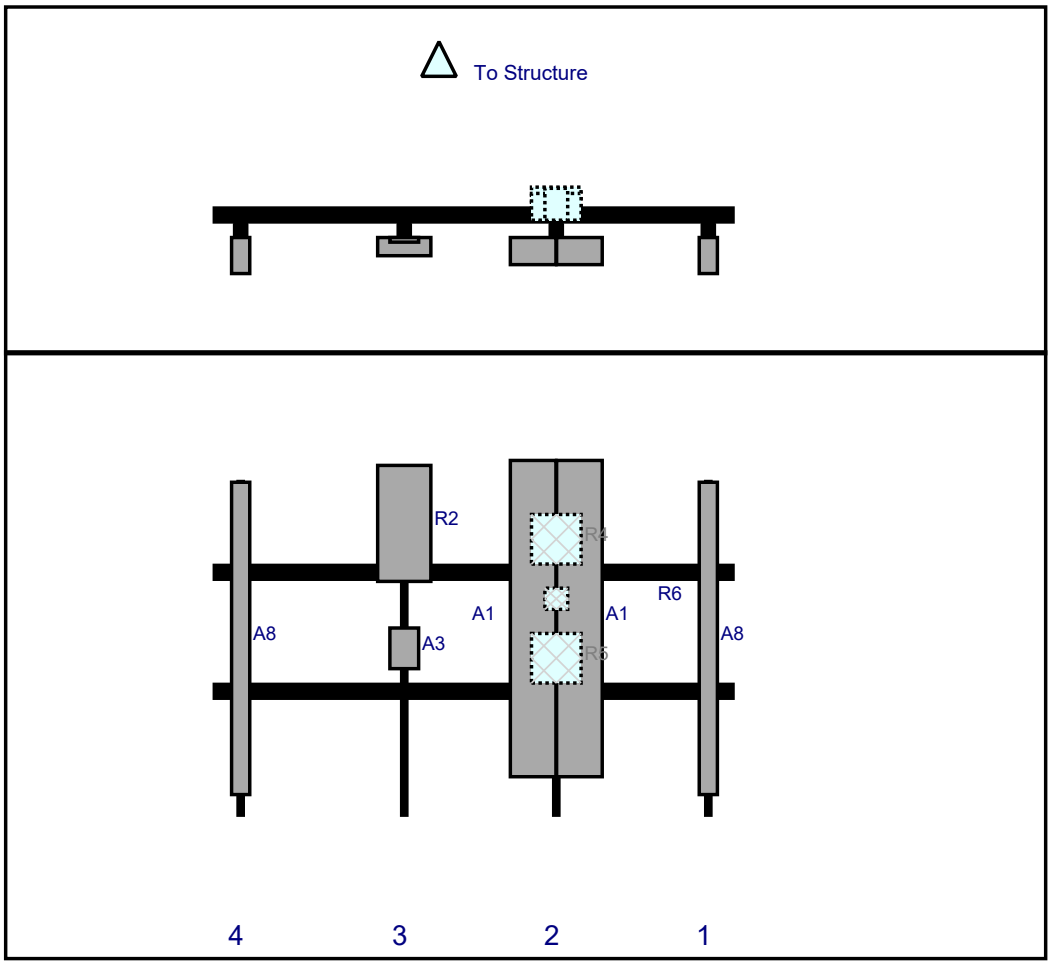
Plan View

Front View
Looking at Structure



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A8	LPA-80080/8CF	94.5	5.5	8.5	4	a	Front	48	0	Retained	10/28/2021

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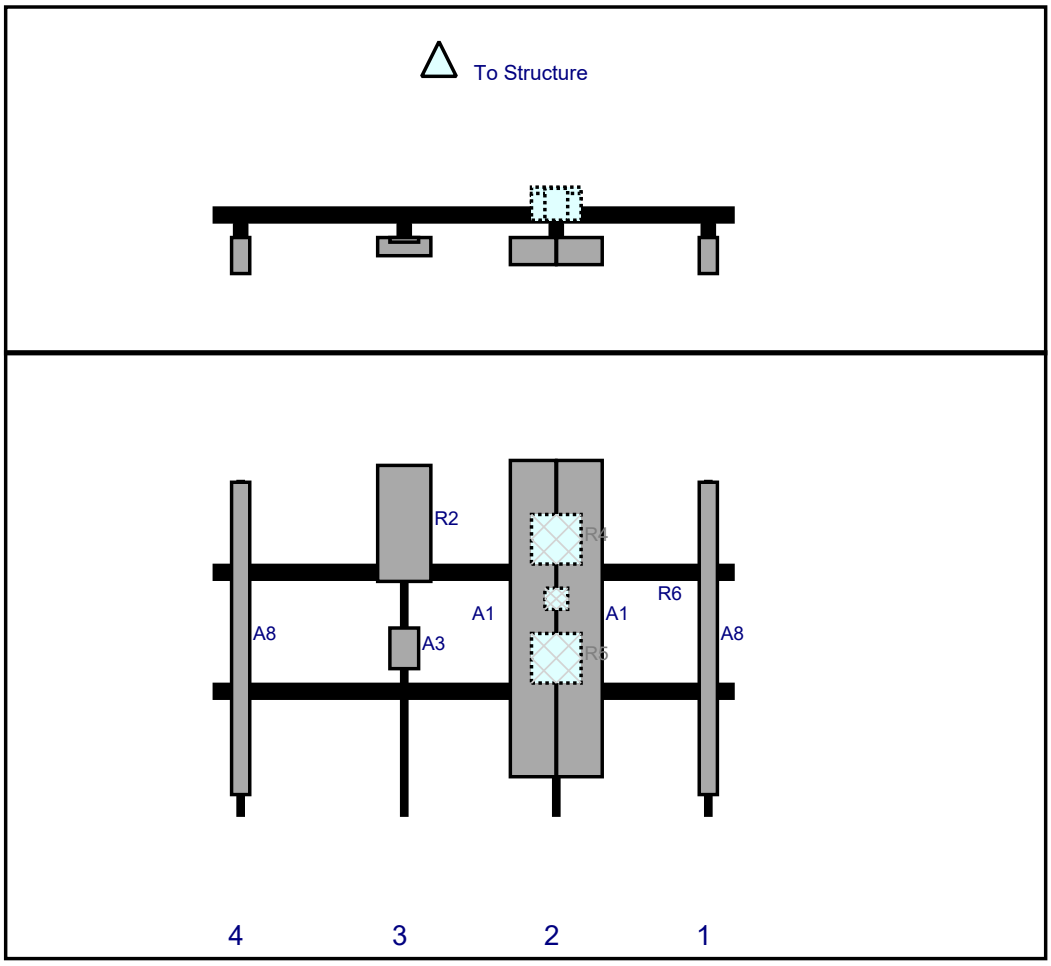
Plan View

Front View
Looking at Structure



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R5	B5/B13 RRH-BR04C	15	15	104	2	a	Behind	54	0	Added	
R6	CBC78T-DS-43-2X	6.4	6.9	104	2	a	Behind	36	0	Added	
A3	XXDWMM-12.5-65-8T-CBRS	12.3	8.7	58	3	a	Front	51	0	Added	
R2	MT6407-77A	35.1	16.1	58	3	a	Front	13.2	0	Added	
A8	LPA-80080/8CF	94.5	5.5	8.5	4	a	Front	48	0	Retained	10/28/2021

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Maser Consulting Connecticut

Subject TIA-222-H Usage

Site Information

Site ID:	468065-VZW / NEWTOWN NE CT
Site Name:	NEWTOWN NE CT
Carrier Name:	Verizon Wireless
Address:	111 Upper Fish Rock Rd. Southbury, Connecticut 06478 New Haven County
Latitude:	41.438278°
Longitude:	-73.237742°

Structure Information

Tower Type:	100-Ft Monopole
Mount Type:	13.17-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. 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 maps 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 methods, seismic analysis, 30-degree increment wind directions 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,

Derek Hartzell, PE
Technical Specialist

Site Name: ***NEWTOWN NE CT***
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	781	3125	100	0.0112	0.5007	2.24%
VZW CDMA	877.26	2	493	986	99	0.0036	0.5848	0.62%
VZW Cellular	874	4	914	3655	100	0.0131	0.5827	2.26%
VZW PCS	1975	4	1514	6054	100	0.0218	1.0000	2.18%
VZW AWS	2120	4	1545	6181	100	0.0222	1.0000	2.22%
VZW CBRS	3555	4	56	222	99	0.0008	1.0000	0.08%
VZW CBAND	3730.08	4	6531	26125	102.5	0.0894	1.0000	8.94%
Total Percentage of Maximum Permissible Exposure								18.54%

*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 Southbury Connecticut - Assessment Parcel Map

Parcel: 25A-61-13B **Location:** 111 UPPER FISH ROCK ROAD

N

Approximate Scale: 1 inch = 300 feet

0 80 160 240 320 Feet

Map Produced November 2021

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

Town of Southbury, CT

Property Listing Report

Map Block Lot	25A-61-13B	Building #	1	Section #	1	Account	00224000

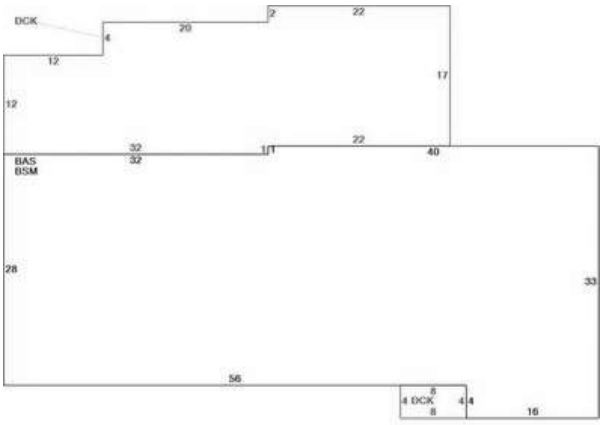
Property Information

Property Location	111 UPPER FISH ROCK ROAD
Owner	FERENCEK CARL M & MARILYN T (SV)
Co-Owner	na
Mailing Address	111 UPPER FISH ROCK ROAD SOUTHBURY CT 06488
Land Use	107 SFR w/Acc Apt
Land Class	R
Zoning Code	R-20
Census Tract	2293

Street Index	34
Acreage	31.55
Utilities	UNKNOWN
Lot Setting/Desc	UNKNOWN UNKNOWN
Additional Info	

Photo

Sketch



Primary Construction Details

Year Built	1974
Stories	1
Building Style	Ranch
Building Use	Residential
Building Condition	G
Interior Floors 1	Carpet
Interior Floors 2	
Percent Good	
Total Rooms	10
Basement Garages	2
Occupancy	2.00
Building Grade	C+
Foundation	Conc Block

Bedrooms	4 Bedrooms
Full Bathrooms	3
Half Bathrooms	0
Extra Fixtures	0
Bath Style	Average
Kitchen Style	Average
Roof Style	Gable
Roof Cover	Arch Shingles
AC Percent	100
PLN FPL	1
DET FPL	1
Gas Fireplace	0

Exterior Walls	Wood Shingle
Exterior Walls 2	
Interior Walls	Panel
Interior Walls 2	
Heating Type	Forced Hot Air
Heating Fuel	Oil
Sq. Ft. Basement	530
Fin BSMT Quality	Better Quality
Percent Basement	100
Basement Access	6
% Attic Finished	0
LF Dormer	0

Report Created On 12/6/2021

Town of Southbury, CT

Property Listing Report

Map Block Lot	25A-61-13B	Building #	1	Section #	1	Account	00224000

Valuation Summary

(Assessed value = 70% of Appraised Value)

Item	Appraised	Assessed
Buildings	237420	166190
Extras	0	0
Improvements		
Outbuildings	27720	19400
Land	373290	76800
Total	638430	262390

Outbuilding and Extra Features

Type	Description
Garage	1320 S.F.

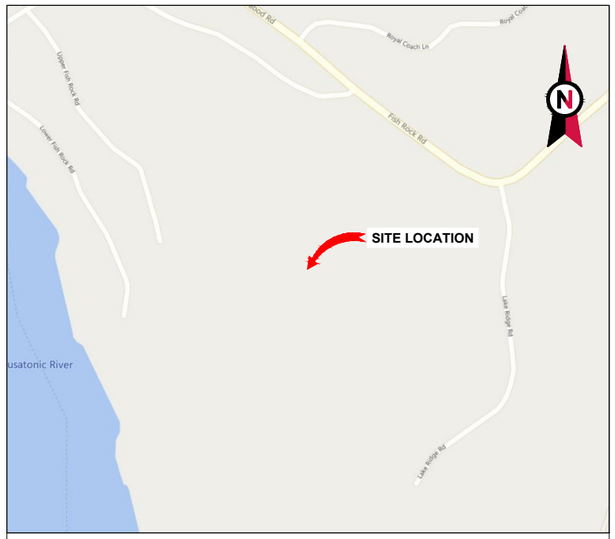
Sub Areas

Subarea Type	Gross Area (sq ft)	Living Area (sq ft)
First Floor	2120	2120
Basement	2120	0
Deck	870	0
Total Area	5110	2120

Sales History

Owner of Record	Book/ Page	Sale Date	Sale Price
FERENCEK CARL M & MARILYN T	0181/0206	1985-07-08	0
FERENCEK CARL M & MARILYN T (SV)	0553/0282	2008-12-11	0

Report Created On 12/6/2021



VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: SOUTHBURY CT
ATC SITE NUMBER: 411188
VERIZON SITE NAME: NEWTOWN NE
VERIZON SITE NUMBER:468065
SITE ADDRESS: 111 UPPER FISHROCK ROAD
SOUTHBURY, CT 06488

LOCATION MAP

VERIZON
ANTENNA AMENDMENT DRAWINGS

COMPLIANCE CODE

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

1. 2018 CONNECTICUT STATE BUILDING CODE, INCORPORATING THE 2015 IBC.
2. 2017 NATIONAL ELECTRICAL CODE - NFPA 70
3. 2015 NFPA 101
4. AMERICAN INSTITUTE OF STEEL CONSTRUCTION 360-10
5. AMERICAN CONCRETE INSTITUTE
6. 2017 NATIONAL ELECTRICAL SAFETY CODE (NESC)
7. TIA 607 FOR GROUNDING
8. INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS 81 IEEE C2
9. TELCORDIA GR-1275
10. ANSI T1.311

UTILITY COMPANIES

POWER COMPANY: NORTHEAST UTILITY SERVICE
PHONE: (800) 286-2000

TELEPHONE COMPANY: UNKNOWN
PHONE: (555) 555-5555

811 Know what's below. Call before you dig.

PROJECT SUMMARY

SITE ADDRESS:

111 UPPER FISHROCK ROAD

SOUTHBURY, CT 06488

COUNTY: NEW HAVEN

GEOGRAPHIC COORDINATES:

LATITUDE: 41.43817

LONGITUDE: -73.23786

GROUND ELEVATION: 398' AMSL

PROJECT TEAM

TOWER OWNER:

AMERICAN TOWER
10 PRESIDENTIAL WAY
WOBURN, MA 01801

APPLICANT:

VERIZON WIRELESS

ENGINEER:

COLLIERS
ENGINEERING & DESIGN CT,P.C.
DOING BUSINESS AS MASER
CONSULTING
135 NEW ROAD
MADISON, CT 06443

PROJECT #:
21904164A

PROPERTY OWNER:

CARL FERENCEK
111 UPPER FISHROCK ROAD
SOUTHBURY, CT 06488

PROJECT DESCRIPTION

THE PROPOSED PROJECT INCLUDES MODIFYING TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:

REMOVE (6) ANTENNA, (9) RRH(s), (2) OVP(s) AND (2) HYBRID CABLE(s)

INSTALL (12) ANTENNA(s), (6) RRH(s), (3) DIPLEXER(s), (1) OVP(s) AND (2) HYBRID CABLE(s)

EXISTING (6) ANTENNA AND (16) COAX CABLE(s) TO REMAIN

PROJECT NOTES

1. THE FACILITY IS UNMANNED.
2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE.
3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE.
4. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED.
5. HANDICAP ACCESS IS NOT REQUIRED.
6. THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. § 1455(A) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION, REMOVAL, AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR § 1.61000 (B)(7).

PROJECT LOCATION DIRECTIONS

I-84 TO EXIT 14 TOWARD SOUTH BRITAIN- RIGHT AT THE END OF THE EXIT RAMP ONTO LAKESIDE RD - LEFT ONTO MAIN STREET S. LEFT ONTO ICHABOD RD RIGHT ONTO FISH ROOK ROAD. TURN LEFT TO STAY ON FISH ROOK ROAD. TURN RIGHT ONTO UPPER FISH ROOK ROAD. DRIVEWAY TO SITE IS ON THE LEFT. COMBO 4667

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	01/20/22	JV
G-002	GENERAL NOTES	0	01/20/22	JV
C-101	DETAILED SITE PLAN	0	01/20/22	JV
C-201	TOWER ELEVATION	0	01/20/22	JV
C-401	ANTENNA INFORMATION & SCHEDULE	0	01/20/22	JV
C-501	CONSTRUCTION DETAILS	0	01/20/22	JV
E-501	GROUNDING DETAILS	0	01/20/22	JV
R-601	SUPPLEMENTAL			
R-602	SUPPLEMENTAL			
R-603	SUPPLEMENTAL			
R-604	SUPPLEMENTAL			
R-605	SUPPLEMENTAL			
R-606	SUPPLEMENTAL			

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REV.	DESCRIPTION	BY	DATE
A	PRELIM	JV	07/23/21
0	FOR CONSTRUCTION	AMN	01/20/22

ATC SITE NUMBER:
411188

ATC SITE NAME:
SOUTHBURY CT

VERIZON SITE NAME:
NEWTOWN NE

SITE ADDRESS:
111 UPPER FISHROCK ROAD
SOUTHBURY, CT 06488

SEAL:

verizon

DATE DRAWN:	07/23/21
ATC JOB NO:	13701331_D1
CUSTOMER ID:	NEWTOWN NE
CUSTOMER #:	468065

TITLE SHEET

SHEET NUMBER:	REVISION:
G-001	0

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GENERAL CONSTRUCTION NOTES:

1. OWNER FURNISHED MATERIALS, VERIZON "THE COMPANY" WILL PROVIDE AND THE CONTRACTOR WILL INSTALL
   - A. BTS EQUIPMENT FRAME (PLATFORM) AND ICEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)
   - B. AC/TELCO INTERFACE BOX (PPC)
   - C. ICE BRIDGE (CABLE TRAY WITH COVER) (GROUND BUILD/CO-LOCATE ONLY, GC TO FURNISH AND INSTALL FOR ROOFTOP INSTALLATION)
   - D. TOWERS, MONOPOLES
   - E. TOWER LIGHTING
   - F. GENERATORS & LIQUID PROPANE TANK
   - G. ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING
   - H. ANTENNAS (INSTALLED BY OTHERS)
   - I. TRANSMISSION LINE
   - J. TRANSMISSION LINE JUMPERS
   - K. TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KITS
   - L. TRANSMISSION LINE GROUND KITS
   - M. HANGERS
   - N. HOISTING GRIPS
   - O. BTS EQUIPMENT
2. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, STRUCTURAL STEEL SUPPORTING SUB-FRAME FOR PLATFORM, ROOFING LABOR AND MATERIALS, GROUNDING RINGS, GROUNDING WIRES, COPPER-CLAD OR XIT CHEMICAL GROUND ROD(S), BUSS BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, TEMPORARY ELECTRICAL POWER, CONDUIT, LANDSCAPING COMPOUND STONE, CRANES, CORE DRILLING, SLEEPERS AND RUBBER MATTING, REBAR, CONCRETE CAISSONS, PADS AND/OR AUGER MOUNTS, MISCELLANEOUS FASTENERS, CABLE TRAYS, NON-STANDARD ANTENNA FRAMES AND ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS. IT IS THE POSITION OF VERIZON TO APPLY FOR PERMITTING AND CONTRACTOR RESPONSIBLE FOR PICKUP AND PAYMENT OF REQUIRED PERMITS.
3. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
4. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
6. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
7. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
8. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
9. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
12. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE VERIZON REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE VERIZON REP PRIOR TO PROCEEDING.
13. EACH CONTRACTOR SHALL COOPERATE WITH THE VERIZON REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
14. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE VERIZON CONSTRUCTION MANAGER.
15. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
16. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE VERIZON REP AND ENGINEER OF RECORD IMMEDIATELY.
17. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
18. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
19. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
20. CONTRACTOR SHALL FURNISH VERIZON AND AMERICAN TOWER CORPORATION (ATC) WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
21. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.
22. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY VERIZON MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH VERIZON SPECIFICATIONS AND REQUIREMENTS.
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO VERIZON FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO VERIZON SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
26. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
27. CONTRACTOR SHALL NOTIFY VERIZON REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
28. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.
29. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.
30. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE VERIZON REP. ANY WORK FOUND BY THE VERIZON REP TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
31. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.
32. VERIZON FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE VERIZON WAREHOUSE, NO LATER THAN 48HR AFTER BEING NOTIFIED INSURED, STORED, UNCRATE, PROTECTED AND INSTALLED BY THE CONTRACTOR WITH ALL APPURTENANCES REQUIRED TO PLACE THE EQUIPMENT IN OPERATION, READY FOR USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AFTER PICKING IT UP.
33. VERIZON OR HIS ARCHITECT/ENGINEER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH, IN HIS OWN OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO VERIZON OR THEIR ARCHITECT/ENGINEER.

SPECIAL CONSTRUCTION ANTENNA INSTALLATION NOTES:

1. WORK INCLUDED:
   - A. ANTENNA AND COAXIAL CABLES ARE FURNISHED BY VERIZON UNDER A SEPARATE CONTRACT. THE CONTRACTOR SHALL ASSIST ANTENNA INSTALLATION CONTRACTOR IN TERMS OD COORDINATION AND SITE ACCESS. ERECTION SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL AND
   - B. INSTALL ANTENNA AS INDICATE ON DRAWINGS AND VERIZON SPECIFICATIONS.
   - C. INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS
   - D. INSTALL FURNISHED GALVANIZED STEEL OR ALUMINUM WAVEGUIDE.
   - E. CONTRACTOR SHALL PROVIDE FOUR (4) SETS OF SWEEP TESTS USING ANRITZU-PACKARD 8713B RF SCALAR NETWORK ANALYZER. SUBMIT FREQUENCY DOMAIN REFLECTOMETER(FDR) TESTS RESULTS TO THE PROJECT MANAGER. SWEEP TESTS SHALL BE AS PER ATTACHED RFS "MINIMUM FIELD TESTING RECOMMENDED FOR ANTENNA AND HELIAX COAXIAL CABLE SYSTEMS" DATED 10/5/93. TESTING SHALL BE PERFORMED BY AN INDEPENDENT TESTING SERVICE AND BE BOUND AND SUBMITTED WITHIN ONE WEEK OF WORK COMPLETION.
   - F. INSTALL COAXIAL CABLES AND TERMINATING BETWEEN ANTENNAS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. WEATHERPROOF ALL CONNECTIONS BETWEEN THE ANTENNA AND EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. TERMINATE ALL COAXIAL CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED.
   - G. ANTENNA AND COAXIAL CABLE GROUNDING:
2. ALL EXTERIOR #6 GREED GROUND WIRE "DAISY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPLICE WEATHERPROOFING KIT #221213 OR EQUAL.
3. ALL COAXIAL CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF COAXIAL CABLE (NOT WITHIN BENDS)

ALL DISCREPANCIES FROM WHAT IS SHOWN ON THESE CONSTRUCTION DRAWINGS SHALL BE COMMUNICATED TO ATC ENGINEERING IMMEDIATELY FOR CORRECTION OR RE-DESIGN. FAILURE TO COMMUNICATE DIRECTLY WITH ATC ENGINEERING OR ANY CHANGES FROM THE DESIGN CONDUCTED WITHOUT PRIOR APPROVAL FROM ATC ENGINEERING SHALL BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

AMERICAN TOWER®

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REV.	DESCRIPTION	BY	DATE
A	PRELIM	JV	07/23/21
0	FOR CONSTRUCTION	AMN	01/20/22

ATC SITE NUMBER:
411188

ATC SITE NAME:
SOUTHBURY CT

VERIZON SITE NAME:
NEWTOWN NE

SITE ADDRESS:
111 UPPER FISHROCK ROAD
SOUTHBURY, CT 06488

SEAL:

verizon

DATE DRAWN:	07/23/21
ATC JOB NO:	13701331_D1
CUSTOMER ID:	NEWTOWN NE
CUSTOMER #:	468065

GENERAL NOTES

SHEET NUMBER:	REVISION:
G-002	0

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SITE PLAN NOTES:

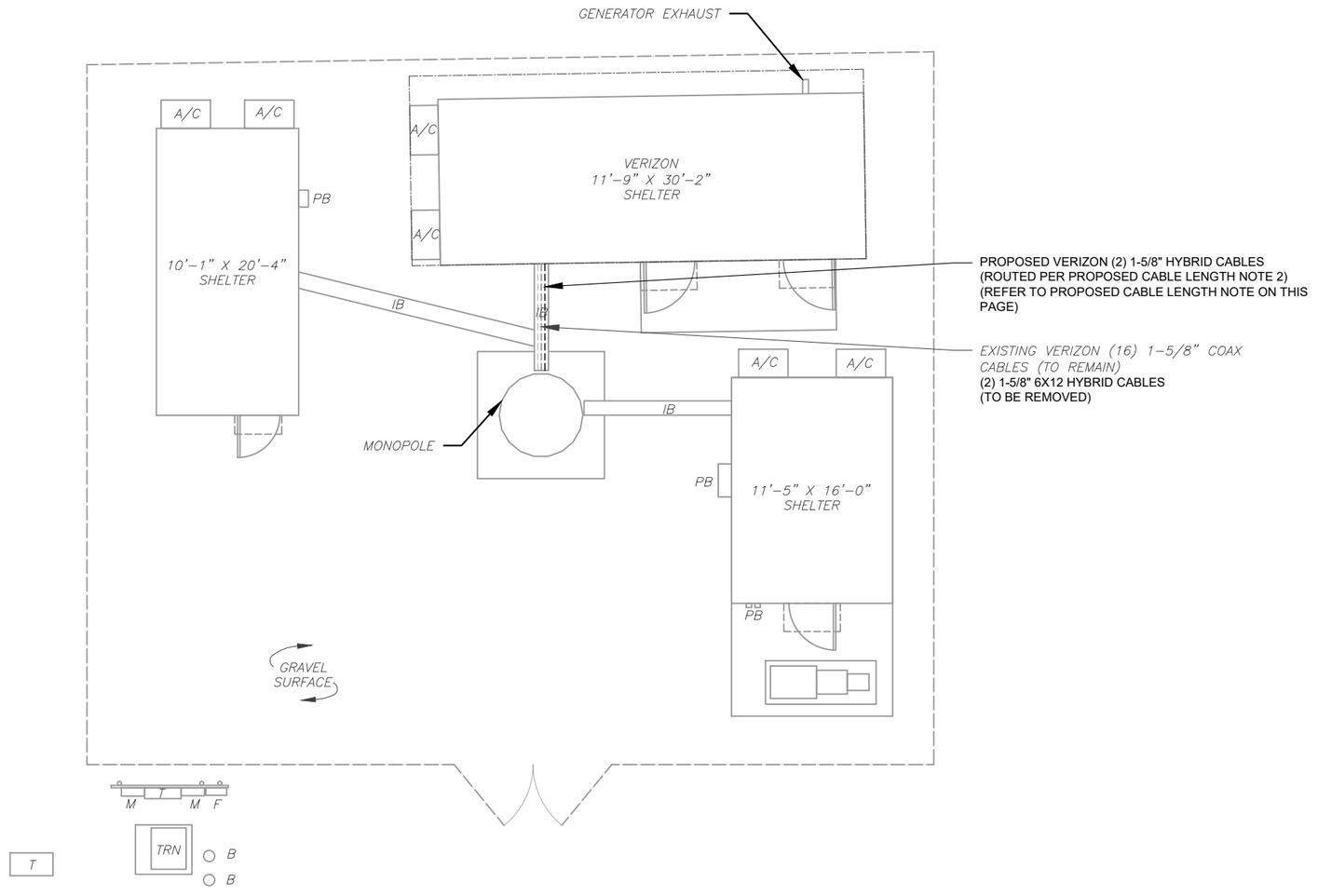
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.

2. ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.

3. THIS PROJECT INCLUDES NO INSTALL OR MODIFICATION AT GRADE.

LEGEND

⊗	GROUNDING TEST WELL
ATS	AUTOMATIC TRANSFER SWITCH
B	BOLLARD
CSC	CELL SITE CABINET
D	DISCONNECT
E	ELECTRICAL
F	FIBER
GEN	GENERATOR
G	GENERATOR RECEPTACAL
HH, V	HAND HOLE, VAULT
IB	ICE BRIDGE
K	KENTROX BOX
LC	LIGHTING CONTROL
M	METER
PB	PULL BOX
PP	POWER POLE
T	TELCO
TRN	TRANSFORMER
——x——	CHAINLINK FENCE



PROPOSED CABLE LENGTH:

1. ESTIMATED LENGTH OF PROPOSED CABLE IS **125'**. ESTIMATED LENGTH OF CABLE WAS PROVIDED BY CUSTOMER OR CALCULATED BY ADDING THE RAD CENTER AND THE DISTANCE FROM THE SHELTER ENTRY PLATE TO THE TOWER (ALONG THE ICE BRIDGE) AND A SAFETY FACTOR MEASUREMENT OF 15% (OF THE TWO PREVIOUS VALUES), CDS DEFER TO GREATEST CABLE LENGTH.
2. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. IF ADEQUATE SPACE EXISTS, ROUTE CABLES THROUGH ENTRY PORT HOLE, UP INSIDE OF MONOPOLE, AND THROUGH EXIT PORT HOLE. IF ROUTING OUTSIDE THE MONOPOLE, ATTACH CABLES USING STAND-OFF ADAPTERS MOUNTED TO TOWER USING STAINLESS STEEL BANDING. ADEQUATELY SECURE CABLES USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER.

1 DETAILED SITE PLAN

GRAPHIC SCALE

10 0 5 10

(IN FEET)
1 UNIT = 10 FEET

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verizon

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CUSTOMER #:	468065

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0

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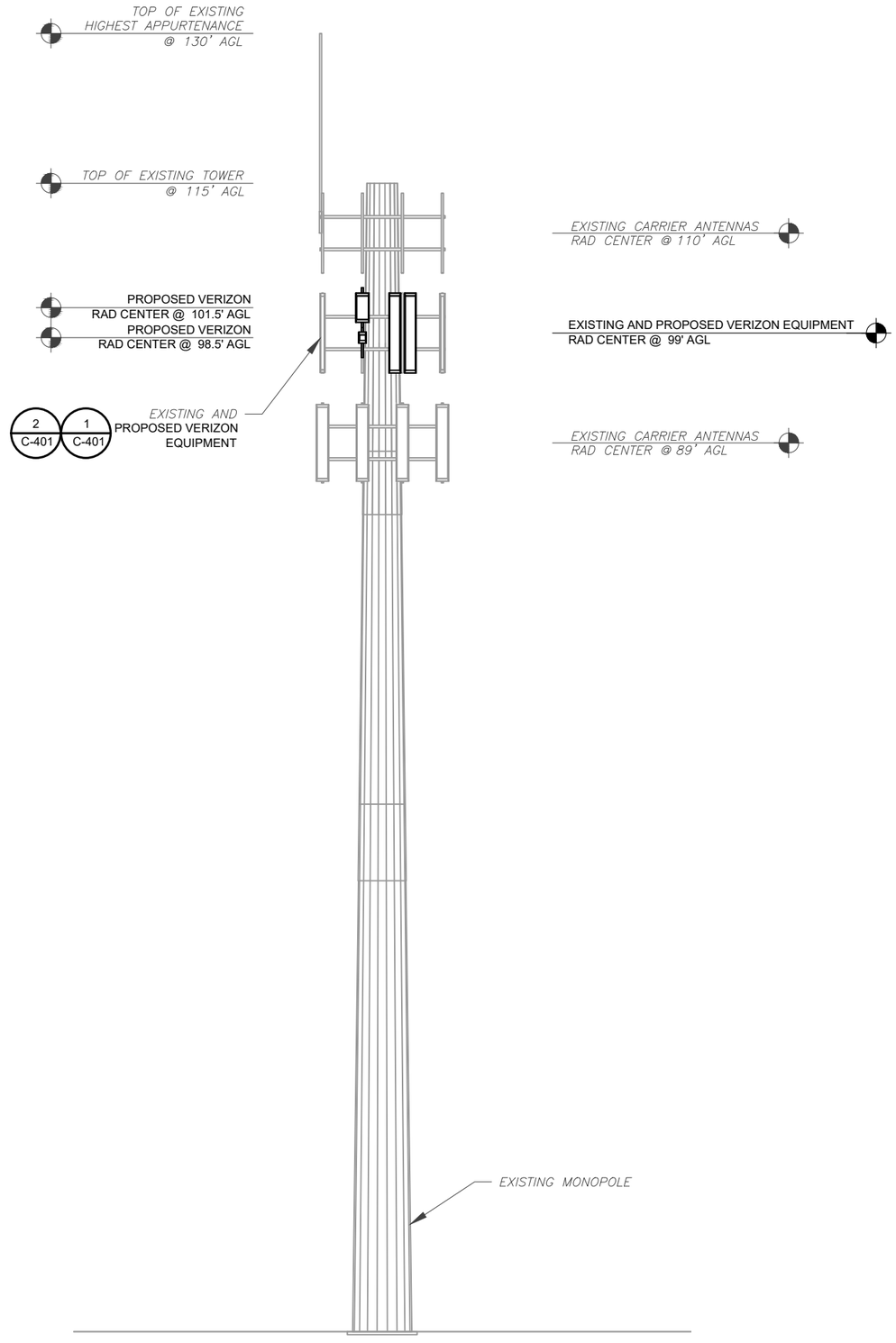

1 TOWER ELEVATION
SCALE: N.T.S.

ATC HAS NOT ANALYZED THE EXISTING ANTENNA MOUNT(S) TO DETERMINE ADEQUATE STRUCTURAL CAPACITY FOR PROPOSED CARRIER LOADING.

TOWER NOTE:

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
2. WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLING, ETC. SHALL BE PAINTED/SOCKED TO MATCH EXISTING EQUIPMENT IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR OTHER LOCAL REQUIREMENTS.
3. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. IF ADEQUATE SPACE EXISTS, ROUTE CABLES THROUGH ENTRY PORT HOLE, UP INSIDE OF MONOPOLE, AND THROUGH EXIT PORT HOLE. IF ROUTING OUTSIDE THE MONOPOLE, ATTACH CABLES USING STAND-OFF ADAPTERS MOUNTED TO TOWER USING STAINLESS STEEL BANDING. ADEQUATELY SECURE CABLES USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER.
4. TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.)
5. TOWER ELEVATION DEPICTION MAY NOT REFLECT ALL EQUIPMENT INCLUDED IN STRUCTURAL ANALYSIS. REFER TO STRUCTURAL ANALYSIS FOR FULL TOWER LOADING.

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SEAL:

verizon

DATE DRAWN:	07/23/21
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CUSTOMER ID:	NEWTOWN NE
CUSTOMER #:	468065

TOWER ELEVATION

SHEET NUMBER:	REVISION:
C-201	0

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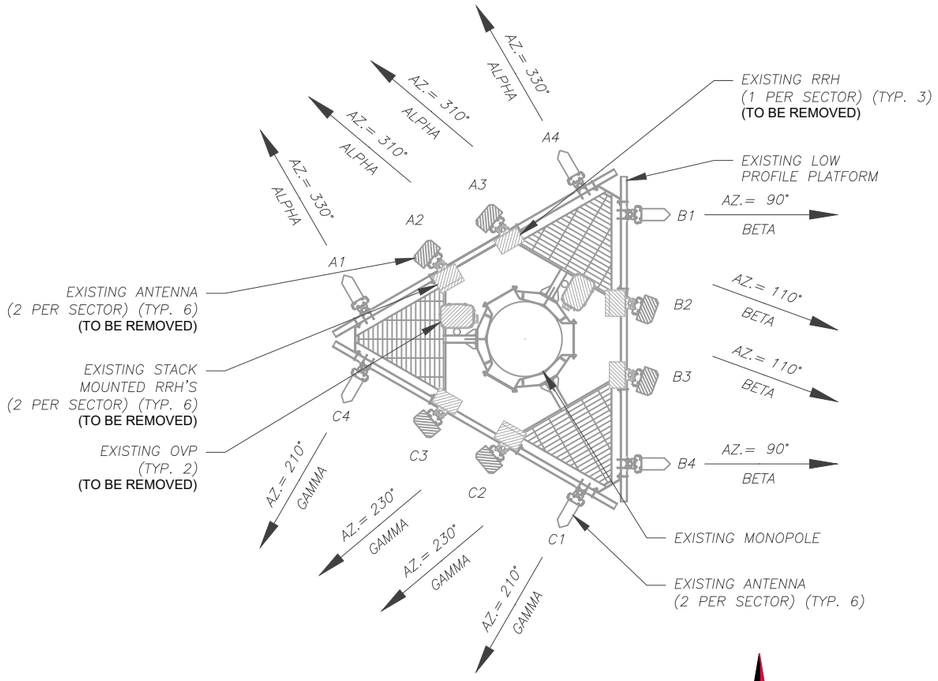
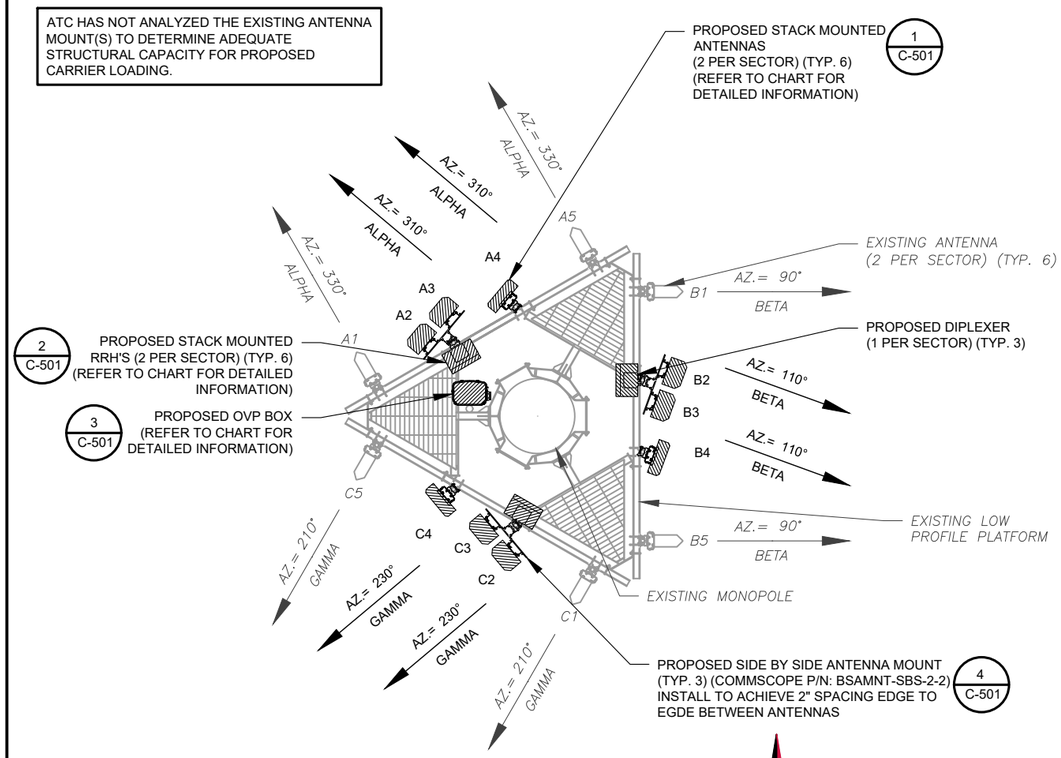


1 EXISTING ANTENNA PLAN

SCALE: N.T.S.

ATC HAS NOT ANALYZED THE EXISTING ANTENNA MOUNT(S) TO DETERMINE ADEQUATE STRUCTURAL CAPACITY FOR PROPOSED CARRIER LOADING.



2 FINAL ANTENNA PLAN

SCALE: N.T.S.

EXISTING ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY					NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	99'	330°	A1	LPA-80080/8CF	CDMA 850	0/0	RMN	–	–
		310°	A2	SBNHH-1D65C	LTE 700/AWS	0/2	RMV	RRH2X60-1900 RRH2X60 700	RMV
		310°	A3	SBNHH-1D65C	LTE 700/AWS	0/2	RMV	RRH4X45-B66	RMV
		330°	A4	LPA-80080/8CF	CDMA 850	0/0	RMN	–	–
BETA	99'	90°	B1	LPA-80080/8CF	CDMA 850	0/0	RMN	–	–
		110°	B2	SBNHH-1D65C	LTE 700/AWS	0/2	RMV	RRH2X60-1900 RRH2X60 700	RMV
		110°	B3	SBNHH-1D65C	LTE 700/AWS	0/2	RMV	RRH4X45-B66	RMV
		90°	B4	LPA-80080/8CF	CDMA 850	0/0	RMN	–	–
GAMMA	99'	210°	C1	LPA-80080/8CF	CDMA 850	0/0	RMN	–	–
		230°	C2	SBNHH-1D85C	LTE 700/AWS	0/2	RMV	RRH2X60-1900 RRH2X60 700	RMV
		230°	C3	SBNHH-1D85C	LTE 700/AWS	0/2	RMV	RRH4X45-B66	RMV
		210°	C4	LPA-80080/8CF	CDMA 850	0/0	RMN	–	–

NOTES

1. CONFIRM WITH VERIZON REP FOR APPLICABLE UPDATES/REVISIONS AND MOST RECENT RFDS FOR NSN CONFIGURATION (CONFIG). GC TO CAP ALL UNUSED PORTS.
2. CONFIRM SPACING OF PROPOSED EQUIP DOES NOT CAUSE TOWER CONFLICTS NOR IMPEDE TOWER CLIMBING PEGS.

STATUS ABBREVIATIONS

RMV: TO BE REMOVED
RMN: TO REMAIN
REL: TO BE RELOCATED
ADD: TO BE ADDED

CABLE LENGTHS FOR JUMPERS

JUNCTION BOX TO RRU: 15'
RRU TO ANTENNA: 10'

FINAL ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY					NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	99'	330°	A1	LPA-80080/8CF	CDMA 850	0/0	RMN	-	-
	99'	310°	A2	JAHH-65C-R3B	LTE 700/850/1900/AWS	0/2	ADD	CBC78T-DS-43-2X B5/B13 RRH-ORAN	ADD
	99'	310°	A3	JAHH-65C-R3B	LTE 700/850/1900/AWS	0/2	ADD	B2/B66A RRH-ORAN	ADD
	101.5' 98.5'	310°	A4	MT6407-77A XXDWMM-12.5-65-8T CBRS	L-SUB6 5G CRBS LTE	0/6 0/8	ADD	-	-
	99'	330°	A5	LPA-80080/8CF	CDMA 850	0/0	RMN	-	-
BETA	99'	90°	B1	LPA-80080/8CF	CDMA 850	0/0	RMN	-	-
	99'	110°	B2	JAHH-65C-R3B	LTE 700/850/1900/AWS	0/2	ADD	CBC78T-DS-43-2X B5/B13 RRH-ORAN	ADD
	99'	110°	B3	JAHH-65C-R3B	LTE 700/850/1900/AWS	0/2	ADD	B2/B66A RRH-ORAN	ADD
	101.5' 98.5'	110°	B4	MT6407-77A XXDWMM-12.5-65-8T CBRS	L-SUB6 5G CRBS LTE	0/6 0/8	ADD	-	-
	99'	90°	B5	LPA-80080/8CF	CDMA 850	0/0	RMN	-	-
GAMMA	99'	210°	C1	LPA-80080/8CF	CDMA 850	0/0	RMN	-	-
	99'	230°	C2	JAHH-65C-R3B	LTE 700/850/1900/AWS	0/2	ADD	CBC78T-DS-43-2X B5/B13 RRH-ORAN	ADD
	99'	230°	C3	JAHH-65C-R3B	LTE 700/850/1900/AWS	0/2	ADD	B2/B66A RRH-ORAN	ADD
	101.5' 98.5'	230°	C4	MT6407-77A XXDWMM-12.5-65-8T CBRS	L-SUB6 5G CRBS LTE	0/6 0/8	ADD	-	-
	99'	210°	C5	LPA-80080/8CF	CDMA 850	0/0	RMN	-	-

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
–	–	(16) 1-5/8"	–	RMN
(2) DB-T1-6Z-8AB-0Z	RMV	–	(2) 1-5/8"	RMV

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
-	-	(16) 1-5/8"	–	RMN
RCMDC-6627-PF-48	ADD	-	(2) 1-5/8"	ADD

3 EQUIPMENT SCHEDULES

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REV.	DESCRIPTION	BY	DATE
A	PRELIM	JV	07/23/21
0	FOR CONSTRUCTION	AMN	01/20/22

ATC SITE NUMBER:
411188

ATC SITE NAME:
SOUTHBURY CT

VERIZON SITE NAME:
NEWTOWN NE

SITE ADDRESS:
111 UPPER FISHROCK ROAD
SOUTHBURY, CT 06488

SEAL:

verizon

DATE DRAWN:	07/23/21
ATC JOB NO:	13701331_D1
CUSTOMER ID:	NEWTOWN NE
CUSTOMER #:	468065

ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER:	REVISION:
C-401	0

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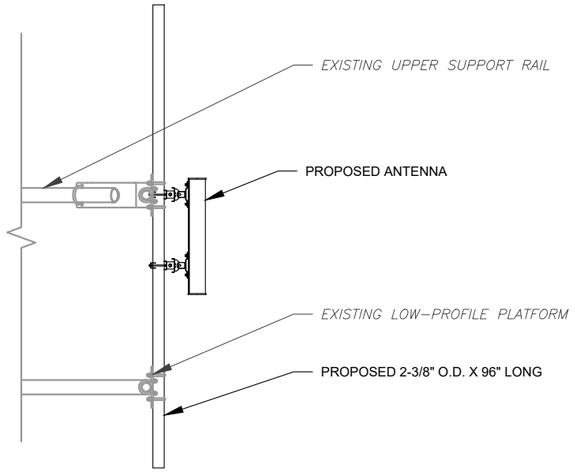
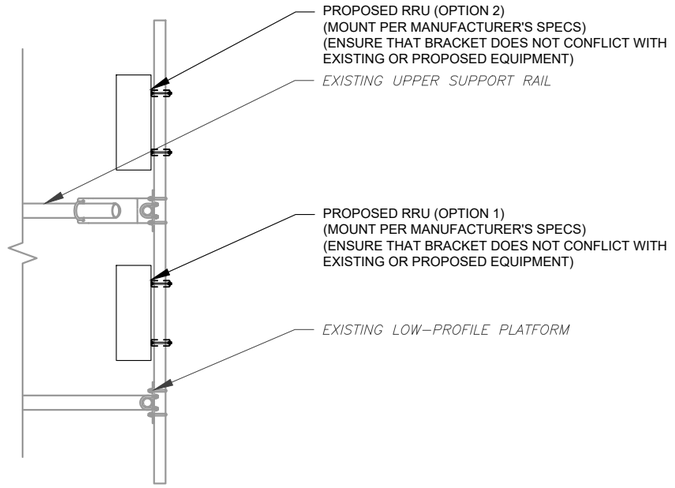


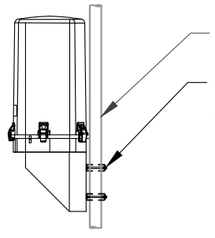
1 PROPOSED 5G/CBRS ANTENNA MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.



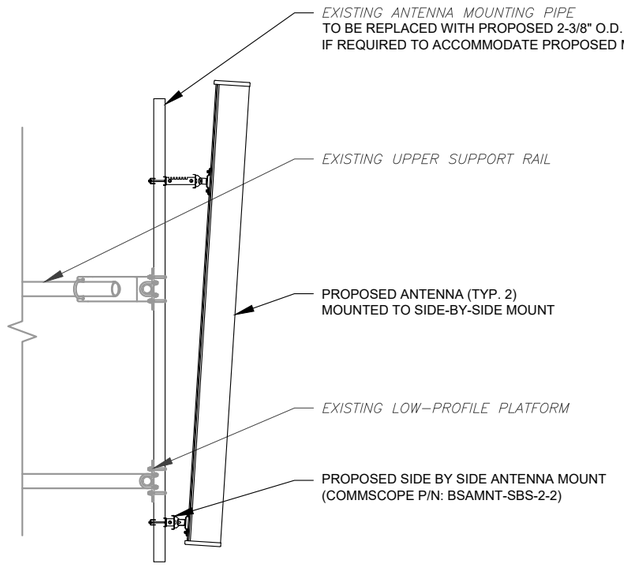
2 PROPOSED RRU MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.

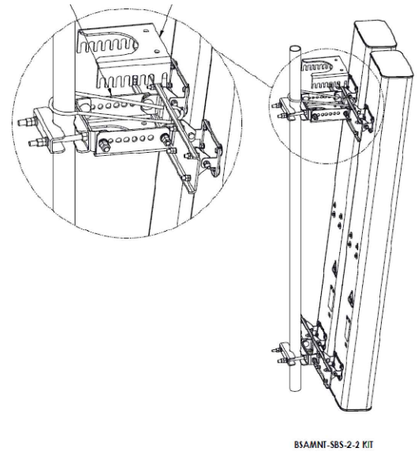


3 PROPOSED OVP MOUNTING

SCALE: N.T.S.



PROFILE VIEW



ISOMETRIC VIEW (BY MANUFACTURER)

4 PROPOSED SIDE-BY-SIDE MOUNT

SCALE: NOT TO SCALE

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SEAL:

verizon

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ATC JOB NO:	13701331_D1
CUSTOMER ID:	NEWTOWN NE
CUSTOMER #:	468065

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-501	0

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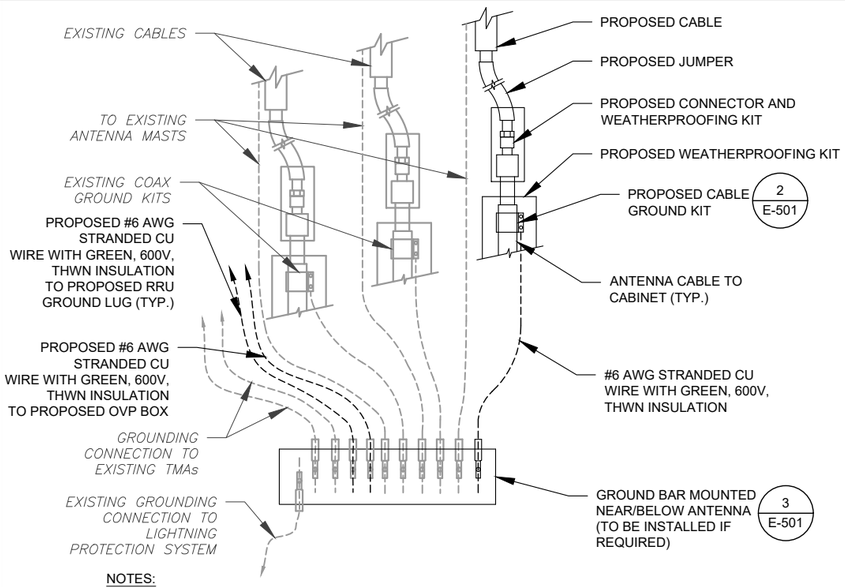
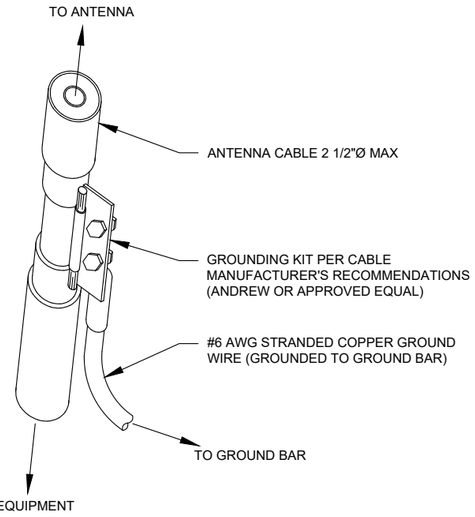


NOTES:

1. THIS DETAIL IS INTENDED TO SHOW THE GENERAL GROUNDING REQUIREMENTS. SLIGHT ADJUSTMENTS MAY BE REQUIRED BASED ON EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NEEDED AND INFORM THE CONSTRUCTION MANAGER OF ANY CONFLICTS.
2. SITE GROUNDING SHALL COMPLY WITH VERIZON GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH VERIZON GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN.

1 TYPICAL ANTENNA GROUNDING DIAGRAM

SCALE: N.T.S.

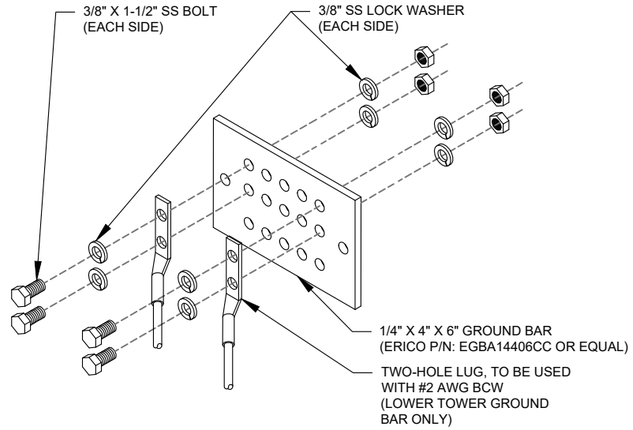


GROUND KIT NOTES:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
2. CONTRACTOR SHALL PROVIDE WEATHERPROOFING KIT (ANDREW PART NUMBER 221213) AND INSTALL/TAPE PER MANUFACTURER'S SPECIFICATIONS.

2 CABLE GROUND KIT CONNECTION DETAIL

SCALE: N.T.S.



GROUND BAR NOTES:

1. GROUND BAR KITS COME WITH ALL HARDWARE, NUTS, BOLTS, WASHERS, ETC. EXCEPT THE STRUCTURAL MOUNTING MEMBER(S).
2. GROUND BAR TO BE BONDED DIRECTLY TO TOWER.

3 TOWER GROUND BAR DETAIL

SCALE: N.T.S.

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CUSTOMER ID:	NEWTOWN NE
CUSTOMER #:	468065

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0

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Equipment Summary

Added

Equipment Type	Location	700	850	1900	AWS	CBRS	L-Sub6	Make	Model	Cable Length	Cable Size	Install Type	Quantity
Mount	Tower							Commscope	BSAMNT-SBS-2-2			PHYSICAL	3
Diplexer	Tower	LTE	LTE 5G					Commscope	CBC78T-DS-43-2X			PHYSICAL	3
Hybrid Cable	Tower	LTE	LTE 5G	LTE	LTE	LTE		N/A	6x12 Hybriflex LI		1 5/8"	PHYSICAL	2
OVP Box	Tower	LTE	LTE 5G	LTE	LTE	LTE		Raycap	OVP-12			PHYSICAL	1
RRU	Tower			LTE	LTE			Samsung	B2/B66A RRH-BR049 (RFV01U-D1A)			PHYSICAL	3
RRU	Tower	LTE	LTE 5G					Samsung	B5/B13 RRH-BR04C (RFV01U-D2A)			PHYSICAL	3
RRU	Tower					LTE		Samsung	CBRS RRH - RT4401-48A			PHYSICAL	3
RRU	Tower						5G	Samsung	MT6407-77A			PHYSICAL	3

Removed

Equipment Type	Location	700	850	1900	AWS	CBRS	L-Sub6	Make	Model	Cable Length	Cable Size	Install Type	Quantity
Hybrid Cable	Tower	LTE			LTE			N/A	6x12 Hybriflex non-LI		1 5/8"	PHYSICAL	2
RRU	Tower	LTE						Nokia	UHBA B13 RRH 4x30			PHYSICAL	3
RRU	Tower				LTE			Nokia	UHIE B66A RRH 4x45			PHYSICAL	3
OVP Box	Tower	LTE			LTE			Raycap	RRFDC-3315-PF-48			PHYSICAL	2

Retained

Equipment Type	Location	700	850	1900	AWS	CBRS	L-Sub6	Make	Model	Cable Length	Cable Size	Install Type	Quantity
Coaxial Cables	Tower		CDMA					N/A	1-5/8" Coax		1 5/8"	PHYSICAL	6
Coaxial Cables	Tower							N/A	1-5/8" Coax		1 5/8"	SPARE	10

Antenna Summary

Added

700	850	1900	AWS	CBRS	L-Sub6	Make	Model	Centerline	Tip Height	Azimuth	RET	4xRx	Inst. Type	Quantity
LTE	LTE 5G	LTE	LTE			ANDREW	JAHH-65C-R3B	100	104	110(02) 230(03) 310(01)	true	true	PHYSICAL	6
					5G	Samsung	MT6407-77A	102.5	104	110(0179) 230(0180) 310(0178)	false	false	PHYSICAL	3
				LTE		SAMSUNG	XXDWMM-12.5-65-8T-CBRS	99	99.5	110(02) 230(03) 310(01)	false	false	PHYSICAL	3

Removed

700	850	1900	AWS	CBRS	L-Sub6	Make	Model	Centerline	Tip Height	Azimuth	RET	4xRx	Inst. Type	Quantity
LTE			LTE			ANDREW	SBNHH-1D65C	100	104	110(02) 310(01)	false	false	PHYSICAL	4
LTE			LTE			ANDREW	SBNHH-1D85C	100	104	230(03)	false	false	PHYSICAL	2

Retained

700	850	1900	AWS	CBRS	L-Sub6	Make	Model	Centerline	Tip Height	Azimuth	RET	4xRx	Inst. Type	Quantity
	CDMA					ANTEL	LPA-80080/8CF	99	102.9	90(D2) 210(D3) 330(D1)	false	false	PHYSICAL	6

Added: 12 | Removed: 6 | Retained: 6

1 RFDS EQUIPMENT SUMMARY

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SUPPLEMENTAL

SHEET NUMBER: R-601

REVISION: -

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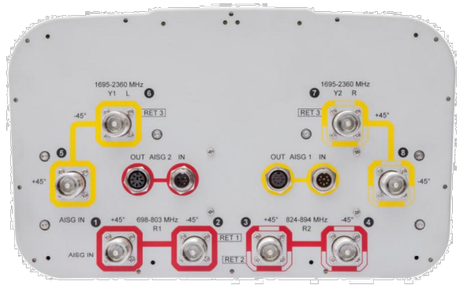
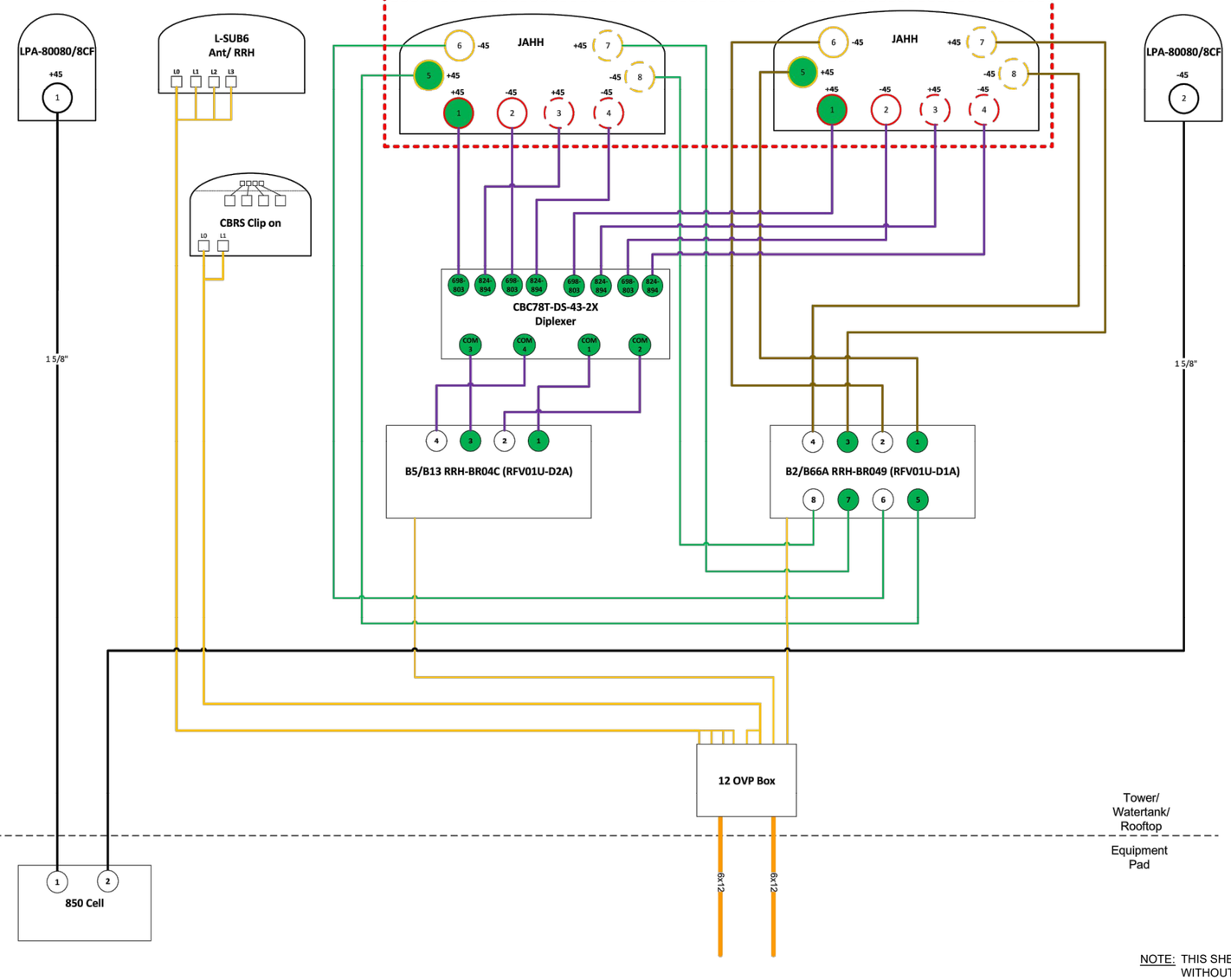


BSAMNT-SBS-2-2

- Port 1 & 2 are for low band (698-896 MHz).
- Port 3,4,5, & 6 are for high band (1695-2360 MHz).
- Smart Bias Tee (SBT) is through port 1 & 3 for low band and port 1 for high band.
- AISG cable is only needed when drawn in the diagrams below, if it is not drawn then SBT is enough to control all RET motors.
- Not all SBT ports are needed to control RET, only green port connection to green port will control RET.

RET DC signal pass for RET
(Port that will control RET)



DC signal capable Port

AISG Cable

RET DC signal pass for RET
(Port that will control RET)

Hybriflex cables

Comments:

Diagram shows antenna port configuration as viewed from below antennas.

Antenna positions are indicated as viewed from IN FRONT of antennas.

Cap and weatherproof unused antenna ports.

All plumbing diagram colors are irrelevant except for AISG & Hybriflex cable. (For the coax colors follow Coax Colors guide above)

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1 PLUMBING DIAGRAM

SUPPLEMENTAL

SHEET NUMBER: R-602

REVISION: -

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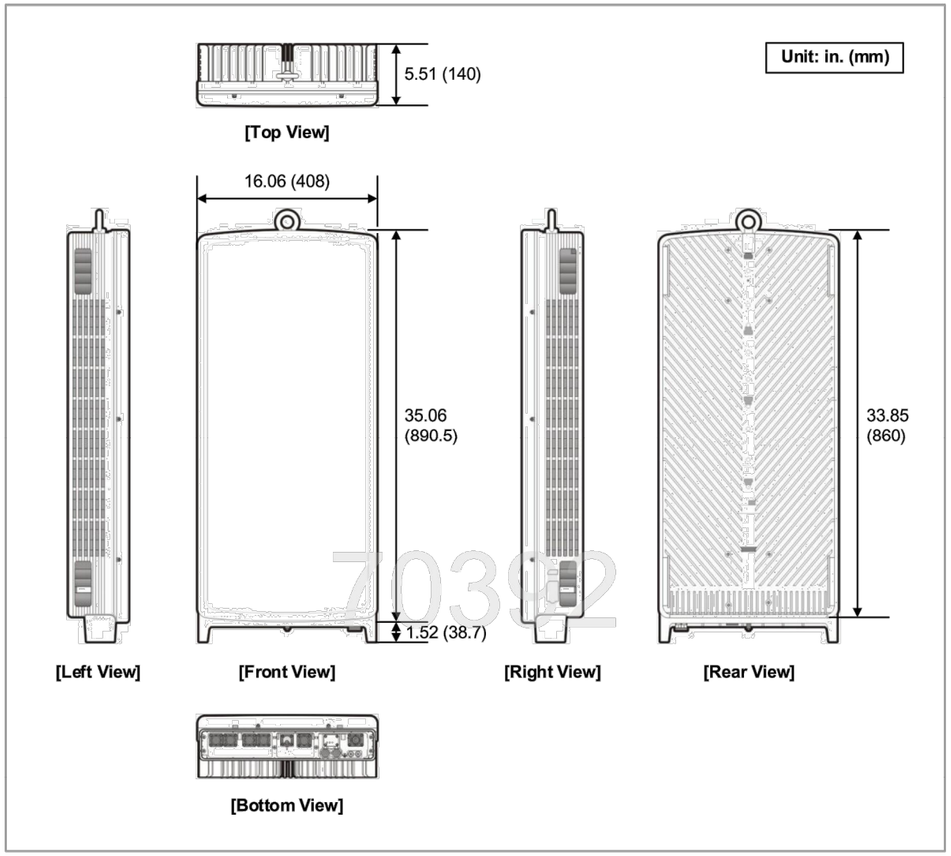
Confidential

SAMSUNG

Overview

The following figures depict the physical views of the MT6407-77A.

Figure 1. Appearance



JAHH-65C-R3B

8-port sector antenna, 2x 698–803, 2x 824–894 and 4x 1695–2360 MHz, 65° HPBW, 3x RET and low bands have diplexers. Internal SBT's on first LB(Port 1) and first HB(Port 5)

- Internal SBT on low and high band allow remote RET control from the radio over the RF jumper cable
- One RET for 700MHz, one RET for 850MHz, and one RET for both high bands to ensure same tilt level for 4x Rx or 4x MIMO
- Internal filter on low band and interleaved dipole technology providing for attractive, low wind load mechanical package
- Separate RS-485 RET input/output for low and high band
- Supports re-configurable antenna sharing capability enabling control of the internal RET system using up to two separate RET compatible OEM radios

General Specifications

Antenna Type	Sector
Band	Multiband
Color	Light gray
Grounding Type	RF connector body grounded to reflector and mounting bracket
Performance Note	Outdoor usage | Wind loading figures are validated by wind tunnel measurements described in white paper WP-112534-EN
Radome Material	Fiberglass, UV resistant
Radiator Material	Low loss circuit board
Reflector Material	Aluminum
RF Connector Interface	4.3-10 Female
RF Connector Location	Bottom
RF Connector Quantity, high band	4
RF Connector Quantity, low band	4
RF Connector Quantity, total	8

Dimensions

Width	350 mm | 13.78 in
Depth	208 mm | 8.189 in
Length	2438 mm | 95.984 in
Net Weight, without mounting kit	36.1 kg | 79.587 lb

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SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-603	-

[CBRS] Clip-on Antenna Specifications

VzW accepted IP45 in FLD, but IP55 is Samsung Spec.

Antenna includes integrated cable with connector
* Design is subject to minor change

Items	Clip-on Antenna, BASTA**
Antenna Gain	12.5 ± 0.5 dBi (Max 13 dBi)
Horizontal BW (-3dB)	65° ± 5°
Vertical BW (-3dB)	17° ±3°
Electrical Tilt	8° (fixed) ±2°
Front-to-Back Ratio	> 25 dB
Port-to-Port Tracking	< 3 dB
VSWR	< 1.5
Isolation	> 25 dB
Ingress Protection	**IP55**
Size	220(W)×313(H)×34.3(D) mm (*) (8.7 x 12.3 x 1.4 inch.)
Weight	< **2.0** kg [Typ. 1.3 kg]
It is required that the radio should be weatherproofed properly with JMA WPS Boot with external antenna or with Weatherproof Boot for clip-on antennas.	

** Ant. spec. follows NGMN recommendations on Base Station Antenna Standards (BASTA). For example, 'mean ± tolerance of 86.6%' is applied to double-sided specification of statistical RF parameters.

SUPPLEMENTAL

SHEET NUMBER: R-604

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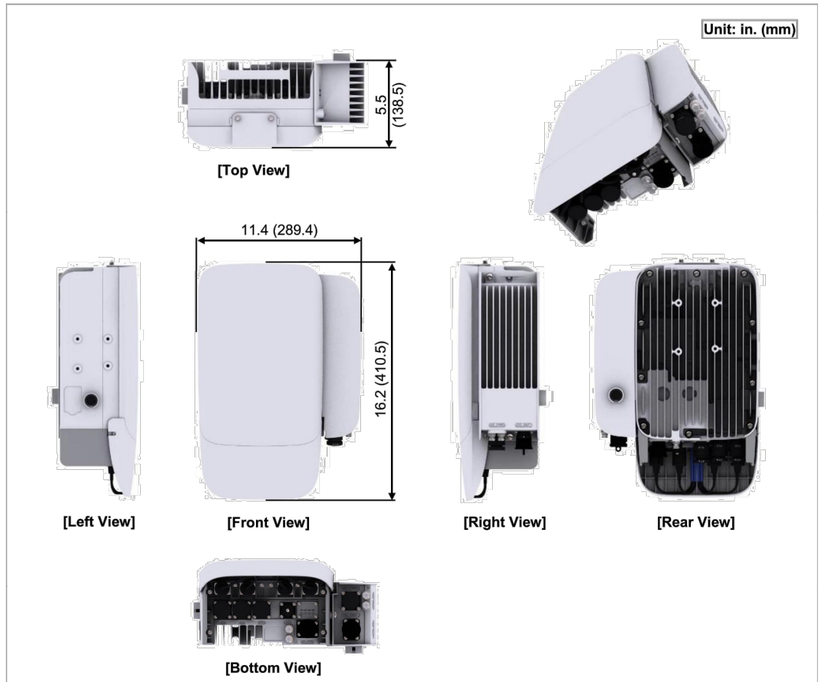
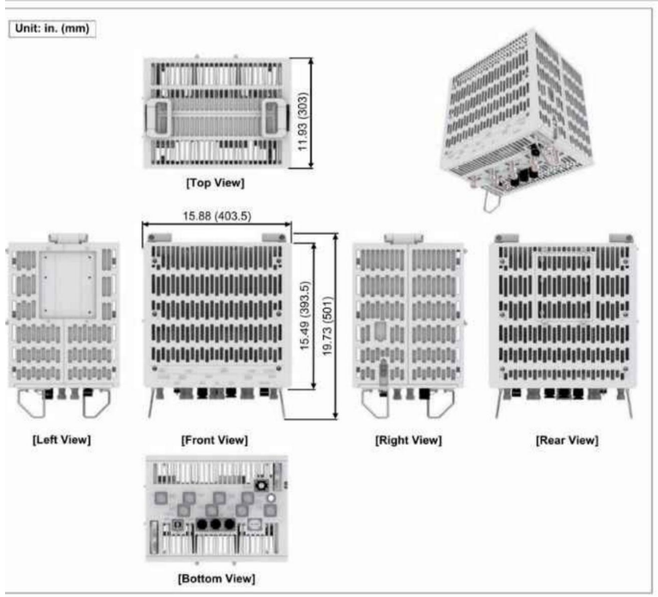
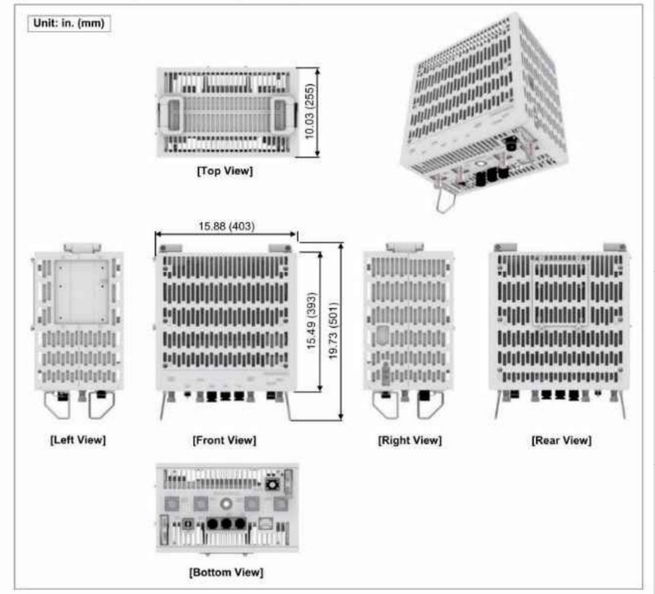


Item	RT4401-48A
Air Technology	LTE
Band	Band 48 (3.5 GHz)
Operating Frequency (MHz)	3550 to 3700
RF Chain	4TX/4RX
Input Power	-48 V DC (-38 to -57 V DC, 1 SKU), with clip-on AC-DC converter (Option)
Dimension (W × D × H) (mm)	8.55 in. (217.4) × 4.15 in. (105.5) × 13.91 in. (353.5) * RRH only 11.39 in. (289.4) × 5.45 in. (138.5) × 16.16 in. (410.5) * with Clip-on antenna, AC-DC power unit
Cooling	Natural convection
Unwanted Emission	3GPP 36.104 Category A
	[B48]: FCC 47 CFR 96.41 e)
Spectrum Analyzer	TX/RX Support
Antenna Type	Integrated (Clip-on) antenna (Option), External antenna (Option)
Operating Humidity	5 to 100 [%] (RH), condensing, not to exceed 30 g/m^3 absolute humidity
Altitude	-60 to 1,800 m
Earthquake	Telcordia Earthquake Risk Zone4 (Telcordia GR-63-CORE)
Vibration in Use Transportation Vibration	Office Vibration Transportation Vibration
Noise	Fanless (natural convection cooling)
Wind Resistance	Telcordia GR-487-CORE, Section 3.34
EMC	FCC Title 47, CFR Part 96
Safety	UL 60950-1 2nd ED



RFV01U-D1A



RFV01U-D2A

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SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-605	-