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

December 13, 2021

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

RE: Notice of Exempt Modification // Site: GOOD HILL CT (ATC: 411180)
481 Good Hill Road, Woodbury, CT 06798
N 41.5572 // W 73.2568

Dear Ms. Bachman:

Cellco Partnership d/b/a Verizon Wireless currently maintains 12 antennas at the 147-foot mount on the existing 147 foot monopole tower, located at 481 Good Hill Road, Woodbury, CT. The tower is owned by American Tower. The property is owned by Roxbury Land Trust. The Council approved the Original use of tower in 1998. Verizon Wireless now intends to install Three (3) new antenna for the LTE (3700 MHz) replacements for its 5G upgrade; 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 Barbara Perkinson, First Selectman, Building Official, Gary Testa, American Tower, the tower owner and Roxbury Land Trust Inc who are the property owners.

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 by A.T. Engineering Service, PPLC. dated December 2, 2021, a structural analysis dated October 21, 2021 by American Tower Corp., and antenna mount analysis by Maser Consulting Connecticut dated October 21, 2021, as well as a 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 American Tower Corp, dated October 21, 2021 and a mount analysis by Maser Consulting Connecticut dated October 21, 2021, pursuant to certain conditions defined therein. Design and engineering is fully illustrated within final construction drawings, signed and stamped dated December 2, 2021.

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

John Coleman

_____

John Coleman, Project Manager
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
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West Bridgewater, MA 02379
Mobile: (240) 615 -7389
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Attachments

cc: Barbara Perkinson - as chief elected official
Gary Testa - as P&Z official
American Tower - as tower owner
Roxbury Land Trust Inc – as Property Owner

UPS CampusShip: View/Print Label

1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.

2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

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CENTERLINE COMMUNICATIONS, LLC
750 WEST CENTER STREET
WEST BRIDGEWATER MA 02379

1 LBS **1 OF 1**

SHIP TO:
BZO - GARY TESTA
F.S BARBARA PERKINSON
281 MAIN STREET SOUTH
WOODBURY CT 06798-3449

CT 067 9-05

UPS GROUND

TRACKING #: 1Z 9Y4 503 03 1684 5232

BILLING: P/P

Reference # 1: 411180 - Good Hill CT

CS 22.0.18. WNTNV50 51.0A 12/2021*

TM

Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number
1Z9Y45030316845232

Weight
1.00 LBS

Service

UPS Ground

Shipped / Billed On
12/13/2021

Delivered On

12/14/2021 10:19 A.M.

Delivered To
WOODBURY, CT, US

Received By

CARLSON

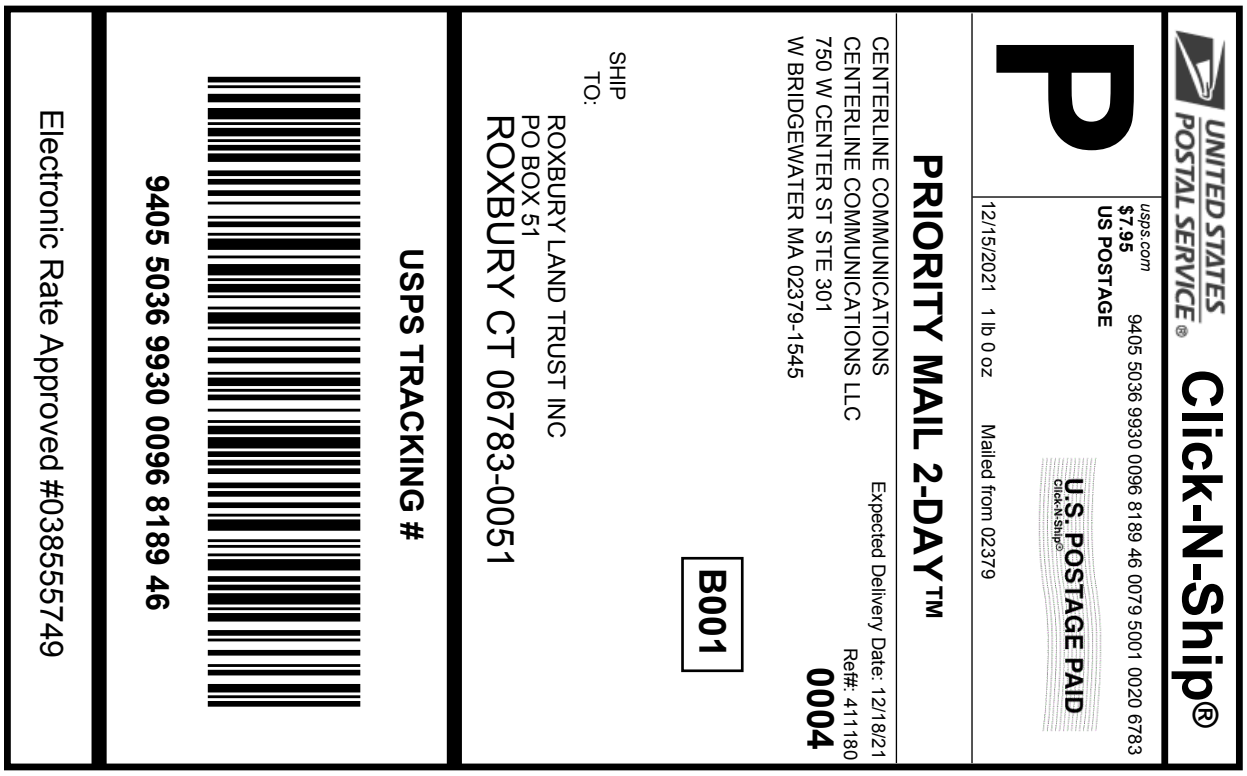
Left At
Office

Thank you for giving us this opportunity to serve you. Details are only available for shipments delivered within the last 120 days. Please print for your records if you require this information after 120 days.

Sincerely,

UPS

Tracking results provided by UPS: 01/31/2022 10:47 A.M. EST



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2. **Place your label so it does not wrap around the edge of the package.**
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USPS TRACKING # :
9405 5036 9930 0096 8189 46

Trans. #:	550975689
Print Date:	12/13/2021
Ship Date:	12/15/2021
Expected Delivery Date:	12/18/2021

Priority Mail® Postage:	**$7.95**
Total:	**$7.95**

From: CENTERLINE COMMUNICATIONS Ref#: 411180
CENTERLINE COMMUNICATIONS LLC
750 W CENTER ST STE 301
W BRIDGEWATER MA 02379-1545

To: ROXBURY LAND TRUST INC
PO BOX 51
ROXBURY CT 06783-0051

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.

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FAQs >

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Tracking Number: 9405503699300096818946

Remove ×

Your item was picked up at the post office at 10:26 am on December 16, 2021 in ROXBURY, CT 06783.

USPS Tracking Plus™ Available ⌄

Delivered, Individual Picked Up at Post Office

December 16, 2021 at 10:26 am
ROXBURY, CT 06783

Get Updates ⌄

Feedback

Text & Email Updates ⌄

Tracking History ⌃

December 16, 2021, 10:26 am
Delivered, Individual Picked Up at Post Office
ROXBURY, CT 06783
Your item was picked up at the post office at 10:26 am on December 16, 2021 in ROXBURY, CT 06783.

December 16, 2021, 8:12 am
Arrived at Post Office
ROXBURY, CT 06783

December 16, 2021, 3:00 am
Departed USPS Regional Facility
SPRINGFIELD MA NETWORK DISTRIBUTION CENTER

December 15, 2021, 3:43 pm
Arrived at USPS Regional Facility
SPRINGFIELD MA NETWORK DISTRIBUTION CENTER

December 15, 2021, 12:56 pm
Departed USPS Regional Facility
SPRINGFIELD MA NETWORK DISTRIBUTION CENTER

December 15, 2021, 5:08 am
Arrived at USPS Regional Facility
SPRINGFIELD MA NETWORK DISTRIBUTION CENTER

December 14, 2021, 10:50 pm
Arrived at USPS Regional Origin Facility
NASHUA NH DISTRIBUTION CENTER

December 14, 2021, 11:45 am
Departed Post Office
WEST BRIDGEWATER, MA 02379

December 14, 2021, 9:58 am
Acceptance
WEST BRIDGEWATER, MA 02379

December 13, 2021
Pre-Shipment Info Sent to USPS, USPS Awaiting Item

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Product Information

See Less

DOCKET NO. 183 - An application by Litchfield Acquisition Corporation d/b/a AT&T Wireless Services for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications tower and associated equipment located at 478 Good Hill Road (Route 317), Woodbury, Connecticut.

Connecticut Siting Council

May 13, 1998

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 at the proposed site in Woodbury, Connecticut, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Litchfield Acquisition Corporation (LAC) d/b/a AT&T Wireless Services, for the construction, operation, and maintenance of a telecommunications tower, associated equipment, and equipment building at the proposed site, located within a 471-acre parcel off Good Hill Road in Woodbury, Connecticut.

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

1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of LAC and other telecommunications providers, both public and private, but such tower shall not exceed a height of 150 feet above ground level (AGL).

2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be submitted to and

approved by the Council prior to the commencement of facility construction and shall include: a final site plan(s) for site development to include plans for vegetative screening; construction plans for site and grading, water drainage, and security fencing around the tower and equipment building; provisions for the installation of erosion and sedimentation controls consistent with the Connecticut Guidelines for Soil Erosion and Sediment Control, as amended, prior to construction; and specifications for the tower foundation, antennas, equipment building, access road, and underground utility lines.

3. 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.

4. The Certificate Holder shall provide the Council a recalculated report of electromagnetic radio frequency power density if and when circumstances in operation cause a change in power density above the levels originally calculated and provided in the application.

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

6. If the facility does not initially provide, or permanently ceases to provide cellular services following completion of construction, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapplication for any continued or new use shall be made to the Council before any such use is made.

7. Any antenna that becomes obsolete and ceases to function shall be removed within 60 days after such antennas become obsolete and cease to function.

8. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the effective date of this Decision and Order or within three years after all appeals to this Decision and Order have been resolved.

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 Hartford Courant and 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 to this proceeding are:

Applicant

Litchfield Acquisition Corporation d/b/a AT&T Wireless Services

Its Representative

Douglas A. Cohen, Esq.
Brown, Rudnick, Freed & Gesmer, P.C.
185 Asylum Street, CityPlace I
Hartford, CT 06103-3402 (860) 509-6511

Mitchell Holmgren Site Development Coordinator
AT&T Wireless Services
15 East Midland Avenue
Paramus, NJ 07652 (201) 967-3130

Intervenor

Springwich Cellular Limited Partnership

Its Representative

Peter J. Tyrrell
Senior Counsel
Springwich Cellular Limited Partnership
500 Enterprise Drive
Rocky Hill, CT 06067-3900 (860) 513-7673

Intervenor

Nextel Communications of the Mid-Atlantic, Inc. d/b/a Nextel Communications

Its Representative

Christopher B. Fisher
Cuddy, Feder & Worby
90 Maple Avenue
White Plains, NY 10601-5196 (914) 761-1300

Party

Town of Woodbury

Its Representative

Honorable Richard CraneFirst Selectman
Town of Woodbury
P.O. Box 369281 Main Street
SouthWoodbury, CT 06798-0369 (203) 263-2141

AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure	:	**147 ft Monopole**
ATC Site Name	:	**Good Hill CT, CT**
ATC Site Number	:	**411180**
Engineering Number	:	**13734065_C3_02**
Proposed Carrier	:	**VERIZON WIRELESS**
Carrier Site Name	:	**WOODBURY W CT**
Carrier Site Number	:	**469342**
Site Location	:	**481 GOOD HILL ROAD** **Woodbury, CT 06798-2507** **41.5572, -73.2568**
County	:	**Litchfield**
Date	:	**October 21, 2021**
Max Usage	:	**38%**
Result	:	**Pass**

Prepared By:

Johnny Munoz-Cedeno, EI
Structural Engineer

Johnny Munoz

Reviewed By:

COA : PEC.0001553

Table of Contents

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 147 ft Monopole to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower Drawings	PJF Job #29200-1379, dated September 15, 2000 Mapping by TEP #05593, dated July 6, 2005
Foundation Drawing	PJF Job #29200-1300, dated September 14, 2000
Geotechnical Report	Clarence Welti Job #7081, dated March 27, 2000

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:	115 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:	B
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Crest Height (H):	0 ft
Crest Length (L):	0 ft
Spectral Response:	Ss = 0.19, S_1 = 0.05
Site Class:	D - Stiff Soil - Default

Conclusion

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

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

Existing and Reserved Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
147.0	1	RFS DB-C1-12C-24AB-0Z	Trianguar Platform with Handrails	(2) 1 5/8" (1.63"-41.3mm) Fiber (6) 1 5/8" Coax	VERIZON WIRELESS
	3	Commscope CBC78T-DS-43-2X			
	6	Commscope JAHH-65B-R3B (63.3 lb)			
	2	Antel LPA-80063/4CF			
	4	Antel LPA-80080/4CF ___			
	1	VZW Unused Reserve (16374.48 sqin)			
	3	Samsung B5/B13 RRH-BR04C			
	3	Samsung B2/B66A RRH-BR049			
128.1	1	Raycap DC6-48-60-18-8F(32.8 lbs)	Triangular Low Profile Platform	(2) 0.39" (10mm) Fiber Trunk (4) 0.78" (19.7mm) 8 AWG 6 (1) 2" Carflex Non-Metallic Conduit (2) 0.45" (11.5mm) Fiber (4) 0.76" (19.2mm) 8 AWG 6 (12) 1 5/8" Coax	AT&T MOBILITY
124.0	3	KMW EPBQ-654L8H6-L2			
	2	KMW AM-X-CD-16-65-00T-RET			
	1	Kathrein Scala 800 10764			
	6	Powerwave Allgon 7770.00			
	6	Ericsson RRUS-11			
	3	Ericsson RRUS 32 B2			
	1	Raycap DC6-48-60-18-8F ("Squid")			
	6	Powerwave Allgon LGP2140X			
	6	Powerwave Allgon LGP21901			
	3	Ericsson RRUS 4478 B14			
117.5	2	Generic 3' Omni-Grid	Stand-Off	(2) 1/2" Coax	WOODBURY VOLUNTEER FIRE DEPARTMENT
101.0	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
No loading was considered as removed as part of this analysis.					

Proposed Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
147.0	3	Samsung MT6407-77A	Triangular Platform with Handrails	-	VERIZON WIRELESS

[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	33%	Pass
Shaft	38%	Pass
Base Plate	25%	Pass

Foundations

Reaction Component	Analysis Reactions	% of Usage
Moment (Kips-Ft)	2712.0	24%
Download (Kips)	59.1	8%
Shear (Kips)	25.7	25%

The structure base reactions resulting from this analysis were found to be acceptable through analysis based on geotechnical and foundation information, therefore no modification or reinforcement of the foundation will be required.

Deflection and Sway*

Antenna Elevation (ft)	Antenna	Carrier	Deflection (ft)	Sway (Rotation) (°)
147.0	Samsung MT6407-77A	VERIZON WIRELESS	0.723	0.470

***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.

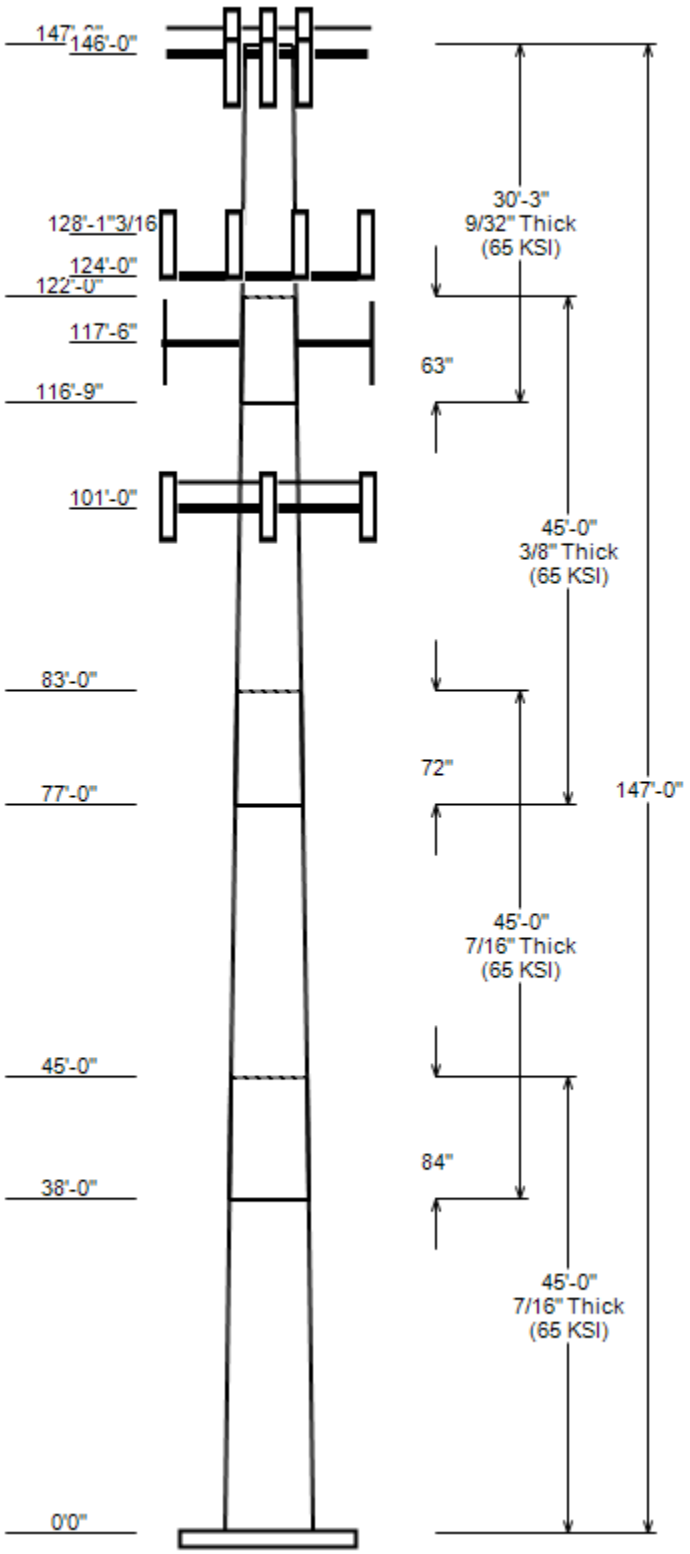
All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with 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 :	411180, Good Hill CT	Height :	147 ft
Client :	VERIZON WIRELESS	Base Width :	62.65
Code :	ANSI/TIA-222-H	Shape :	18 Sides



SITE PARAMETERS

Base Elev (ft):	0.00	Structure Class:	II
Taper :	0.20700 (In/ft)	Exposure :	B
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	45.000	53.32	62.65	0.438		0.000	18 Sides	65
2	45.000	46.32	55.65	0.438	Slip Joint	84.000	18 Sides	65
3	45.000	38.98	48.31	0.375	Slip Joint	72.000	18 Sides	65
4	30.250	34.36	40.64	0.281	Slip Joint	63.000	18 Sides	65

DISCRETE APPURTENANCE

Attach Elev (ft)	Force Elev (ft)	Qty	Description
147.0	147.0	3	Commscope CBC78T-DS-43-2X
147.0	147.0	3	Samsung B2/B66A RRH-BR049
147.0	147.0	3	Samsung B5/B13 RRH-BR04C
147.0	147.0	1	RFS DB-C1-12C-24AB-0Z
147.0	147.0	3	Samsung MT6407-77A
147.0	146.0	4	Antel LPA-80080/4CF ___
147.0	146.0	2	Antel LPA-80063/4CF
147.0	146.0	6	Commscope JAHH-65B-R3B (63.3 l
147.0	147.0	1	VZW Unused Reserve (16374.48 s
146.0	146.0	1	Generic Flat Platform with Han
128.1	129.1	1	Raycap DC6-48-60-18-8F(32.8 lb
124.0	125.0	6	Powerwave Allgon LGP21901
124.0	125.0	6	Powerwave Allgon LGP2140X
124.0	125.0	1	Raycap DC6-48-60-18-8F ("Squid
124.0	124.0	3	Ericsson RRUS 4478 B14
124.0	125.0	3	Ericsson RRUS 32 B2
124.0	124.0	6	Ericsson RRUS-11
124.0	125.0	6	Powerwave Allgon 7770.00
124.0	125.0	1	Kathrein Scala 800 10764
124.0	125.0	2	KMW AM-X-CD-16-65-00T-RET
124.0	125.0	3	KMW EPBQ-654L8H6-L2
124.0	124.0	1	Generic Round Low Profile Plat
117.5	117.5	2	Generic 3' Omni-Grid
117.5	117.5	2	Stand-Off
101.0	101.0	1	Commscope RDIDC-9181-PF-48
101.0	101.0	3	Fujitsu TA08025-B604
101.0	101.0	3	Fujitsu TA08025-B605
101.0	101.0	3	JMA Wireless MX08FRO665-21
101.0	101.0	1	Generic Flat Platform with Han

LINEAR APPURTENANCE

Elev From (ft)	Elev To (ft)	Description	Exp To Wind
0.0	147.0	1 5/8" Coax	No
0.0	147.0	1 5/8" (1.63"-41.3mm) Fiber	No
0.0	128.0	2" Carflex Non-Metallic Conduit	No
0.0	128.0	0.78" (19.7mm) 8 AWG 6	No
0.0	128.0	0.39" (10mm) Fiber Trunk	No
0.0	124.0	1 5/8" Coax	No
0.0	124.0	0.76" (19.2mm) 8 AWG 6	No
0.0	124.0	0.45" (11.5mm) Fiber	No
0.0	117.5	1/2" Coax	No
0.0	101.0	1.60" (40.6mm) Hybrid	No

JOB INFORMATION			
Asset :	411180, Good Hill CT	Height :	147 ft
Client :	VERIZON WIRELESS	Base Width :	62.65
Code :	ANSI/TIA-222-H	Shape :	18 Sides

LOAD CASES	
1.2D + 1.0W	115 mph wind with no ice
0.9D + 1.0W	115 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

REACTIONS

Load Case	Moment (kip-ft)	Shear (Kip)	Axial (Kip)
1.2D + 1.0W	2711.99	25.67	59.14
0.9D + 1.0W	2693.84	25.66	44.35
1.2D + 1.0Di + 1.0Wi	762.93	7.41	75.29
1.2D + 1.0Ev + 1.0Eh	184.64	1.62	59.23
0.9D - 1.0Ev + 1.0Eh	183.14	1.62	40.97
1.0D + 1.0W	657.66	6.25	49.30

DISH DEFLECTIONS

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

ANALYSIS PARAMETERS

Location:	Litchfield County,CT	Height:	147 ft
Type and Shape:	Taper, 18 Sides	Base Diameter:	62.65 in
Manufacturer:	Undetermined	Top Diameter:	34.36 in
K_d (non-service):	0.95	Taper:	0.2070 in/ft
K_e:	0.97	Rotation:	0.000°

ICE & WIND PARAMETERS

Exposure Category:	B	Design Wind Speed w/o Ice:	115 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:	877.00 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil			Period Based on Rayleigh Method (sec):	1.76
T_L (sec):	6	P:	1	$C_{s:}$	0.033
$S_{s:}$	0.194	$S_{1:}$	0.054	C_s Max:	0.033
$F_{a:}$	1.600	$F_{v:}$	2.400	C_s Min:	0.030
$S_{ds:}$	0.207	$S_{d1:}$	0.086		

LOAD CASES

1.2D + 1.0W	115 mph wind with no ice
0.9D + 1.0W	115 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

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 (in²)	Bottom Ix (in⁴)	Bottom W/t Ratio	Bottom D/t Ratio	Top Dia (in)	Top Elev (in)	Top Area (in²)	Top Ix (in⁴)	Top W/t Ratio	Top D/t Ratio	Taper (in/ft)
1-18	45.00	0.4375	65		0.00	12,236	62.65	0.000	86.39	42,243.1	23.49	143.20	53.32	45.00	73.43	25,947.7	19.73	121.88	0.2073
2-18	45.00	0.4375	65	Slip	84.00	10,747	55.65	38.000	76.66	29,524.4	20.66	127.20	46.32	83.00	63.71	16,945.2	16.90	105.87	0.2073
3-18	45.00	0.3750	65	Slip	72.00	7,887	48.31	77.000	57.06	16,566.1	20.95	128.83	38.98	122.00	45.95	8,655.0	16.57	103.96	0.2073
4-18	30.25	0.2813	65	Slip	63.00	3,420	40.64	116.750	36.03	7,412.9	23.71	144.46	34.36	147.00	30.43	4,466.4	19.78	122.16	0.2073
				Shaft Weight		34,290													

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
147.00	Commscope CBC78T-DS-43-2X	3	0.75	0.000	20.70	0.552	0.50	35.42	0.891	0.50
147.00	Commscope JAHH-65B-R3B (63.3 l	6	0.75	-1.000	63.30	9.113	0.69	198.14	10.962	0.69
147.00	RFS DB-C1-12C-24AB-0Z	1	0.75	0.000	32.00	4.056	1.00	116.70	4.966	1.00
147.00	Antel LPA-80080/4CF ___	4	0.75	-1.000	12.00	5.399	0.62	95.78	3.167	0.62
147.00	Antel LPA-80063/4CF	2	0.75	-1.000	20.00	6.142	0.82	150.01	6.820	0.82
147.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	149.53	5.721	0.61
147.00	VZW Unused Reserve (16374.48 s	1	0.75	0.000	1229.20	113.712	0.90	1799.91	166.508	0.90
147.00	Samsung B2/B66A RRH-BR049	3	0.75	0.000	84.40	1.875	0.50	126.92	2.477	0.50
147.00	Samsung B5/B13 RRH-BR04C	3	0.75	0.000	70.30	1.875	0.50	108.42	2.477	0.50
146.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	3683.14	56.368	1.00
128.10	Raycap DC6-48-60-18-8F(32.8 lb	1	0.80	1.000	32.80	1.470	1.00	73.32	1.929	1.00
124.00	Generic Round Low Profile Plat	1	1.00	0.000	1875.00	21.700	1.00	2405.39	34.274	1.00
124.00	KMW EPBQ-654L8H6-L2	3	0.80	1.000	72.80	13.237	0.61	237.41	15.109	0.61
124.00	KMW AM-X-CD-16-65-00T-RET	2	0.80	1.000	48.50	8.024	0.75	154.56	9.851	0.75
124.00	Powerwave Allgon 7770.00	6	0.80	1.000	35.00	5.508	0.65	109.45	6.900	0.65
124.00	Ericsson RRUS-11	6	0.80	0.000	55.00	3.792	0.61	113.79	4.633	0.61
124.00	Ericsson RRUS 32 B2	3	0.80	1.000	53.00	2.743	0.67	101.17	3.509	0.67
124.00	Ericsson RRUS 4478 B14	3	0.80	0.000	59.90	1.842	0.50	96.11	2.429	0.50
124.00	Raycap DC6-48-60-18-8F ("Squid	1	0.80	1.000	31.80	1.470	1.00	72.21	1.927	1.00
124.00	Powerwave Allgon LGP2140X	6	0.80	1.000	19.00	1.080	0.50	35.25	1.544	0.50
124.00	Powerwave Allgon LGP21901	6	0.80	1.000	5.50	0.200	0.50	10.53	0.409	0.50
124.00	Kathrein Scala 800 10764	1	0.80	1.000	40.80	5.866	1.00	124.14	7.263	1.00
117.50	Generic 3' Omni-Grid	2	1.00	0.000	15.00	2.460	0.68	70.03	9.917	0.68
117.50	Stand-Off	2	1.00	0.000	75.00	2.500	0.90	115.86	3.885	0.90
101.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	3640.16	55.860	1.00
101.00	JMA Wireless MX08FRO665-21	3	0.75	0.000	64.50	12.489	0.64	229.46	14.293	0.64
101.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	101.33	2.552	0.50
101.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	115.21	2.552	0.50
101.00	Commscope RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	1.00	58.42	2.445	1.00
Totals	Num Loadings: 29	81			11,633.60			20,043.33		

LINEAR APPURTENANCE PROPERTIES

Load Case Azimuth (deg) : _

Elev From (ft)	Elev To (ft)	Qty	Description	Coax Dia (in)	Coax Wt (lb/ft)	Flat	Max Coax/ Row	Dist Between Rows(in)	Dist Between Cols(in)	Azimuth (deg)	Dist From Face (in)	Exposed To Wind	Carrier
0.00	147.00	6	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	VERIZON WIREL
0.00	147.00	2	1 5/8" (1.63"-41.3mm)	1.63	1.61	N	0	0	0	0	0	N	VERIZON WIREL
0.00	128.00	4	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	128.00	2	0.39" (10mm) Fiber Tr	0.39	0.06	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	128.00	1	2" Carflex Non-Metall	2.36	0.68	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	124.00	12	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	124.00	4	0.76" (19.2mm) 8 AWG	0.76	0.53	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	124.00	2	0.45" (11.5mm) Fiber	0.45	0.08	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	117.50	2	1/2" Coax	0.63	0.15	N	0	0	0	0	0	N	WOODBURY VOLU
0.00	101.00	1	1.60" (40.6mm) Hybrid	1.6	2.34	N	0	0	0	0	0	N	DISH WIRELESS

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		0.4375	62.650	86.387	42,243.10	23.49	143.20	73.8	1328.1	0.0	0.0
5.00		0.4375	61.614	84.947	40,166.70	23.07	140.83	74.3	1284.0	0.0	1,457.5
10.00		0.4375	60.577	83.508	38,159.50	22.65	138.46	74.8	1240.7	0.0	1,433.0
15.00		0.4375	59.541	82.069	36,220.30	22.23	136.09	75.3	1198.2	0.0	1,408.6
20.00		0.4375	58.504	80.630	34,348.00	21.82	133.72	75.7	1156.4	0.0	1,384.1
25.00		0.4375	57.468	79.191	32,541.30	21.40	131.35	76.2	1115.3	0.0	1,359.6
30.00		0.4375	56.431	77.751	30,799.10	20.98	128.99	76.7	1075.0	0.0	1,335.1
35.00		0.4375	55.395	76.312	29,120.20	20.56	126.62	77.2	1035.4	0.0	1,310.6
38.00	Bot - Section 2	0.4375	54.773	75.449	28,142.80	20.31	125.19	77.5	1012.0	0.0	774.6
40.00		0.4375	54.358	74.873	27,503.50	20.14	124.25	77.7	996.6	0.0	1,031.3
45.00	Top - Section 1	0.4375	54.197	74.649	27,257.10	20.08	123.88	77.8	990.6	0.0	2,543.9
50.00		0.4375	53.160	73.209	25,710.70	19.66	121.51	78.3	952.6	0.0	1,257.8
55.00		0.4375	52.124	71.770	24,224.00	19.24	119.14	78.8	915.4	0.0	1,233.3
60.00		0.4375	51.087	70.331	22,795.70	18.83	116.77	79.3	878.9	0.0	1,208.8
65.00		0.4375	50.051	68.892	21,424.70	18.41	114.40	79.7	843.1	0.0	1,184.4
70.00		0.4375	49.014	67.452	20,109.80	17.99	112.03	80.2	808.1	0.0	1,159.9
75.00		0.4375	47.978	66.013	18,849.80	17.57	109.66	80.7	773.8	0.0	1,135.4
77.00	Bot - Section 3	0.4375	47.563	65.438	18,360.90	17.41	108.72	80.9	760.3	0.0	447.3
80.00		0.4375	46.941	64.574	17,643.60	17.16	107.29	81.2	740.3	0.0	1,242.3
83.00	Top - Section 2	0.3750	47.069	55.576	15,309.80	20.37	125.52	77.4	640.6	0.0	1,225.9
85.00		0.3750	46.655	55.083	14,905.60	20.17	124.41	77.7	629.3	0.0	376.5
90.00		0.3750	45.618	53.849	13,926.40	19.69	121.65	78.2	601.3	0.0	926.7
95.00		0.3750	44.582	52.615	12,991.00	19.20	118.88	78.8	573.9	0.0	905.7
100.00		0.3750	43.545	51.382	12,098.50	18.71	116.12	79.4	547.2	0.0	884.7
101.00		0.3750	43.338	51.135	11,925.10	18.61	115.57	79.5	542.0	0.0	174.4
105.00		0.3750	42.509	50.148	11,247.80	18.22	113.36	80	521.2	0.0	689.3
110.00		0.3750	41.472	48.914	10,438.00	17.74	110.59	80.5	495.7	0.0	842.7
115.00		0.3750	40.436	47.681	9,668.00	17.25	107.83	81.1	470.9	0.0	821.7
116.75	Bot - Section 4	0.3750	40.073	47.249	9,407.70	17.08	106.86	81.3	462.4	0.0	282.6
117.50		0.3750	39.918	47.064	9,297.60	17.01	106.45	81.4	458.8	0.0	212.1
120.00		0.3750	39.399	46.447	8,936.90	16.76	105.07	81.7	446.8	0.0	701.1
122.00	Top - Section 3	0.2813	39.547	35.057	6,829.20	23.03	140.59	74.3	340.1	0.0	554.3
124.00		0.2813	39.133	34.687	6,615.10	22.77	139.11	74.6	332.9	0.0	237.3
125.00		0.2813	38.926	34.502	6,509.80	22.64	138.38	74.8	329.4	0.0	117.7
128.10		0.2813	38.283	33.928	6,190.40	22.23	136.09	75.3	318.5	0.0	360.9
130.00		0.2813	37.889	33.577	5,999.90	21.99	134.69	75.5	311.9	0.0	218.2
135.00		0.2813	36.853	32.651	5,517.40	21.34	131.01	76.3	294.9	0.0	563.4
140.00		0.2813	35.816	31.726	5,061.40	20.69	127.32	77.1	278.3	0.0	547.7
145.00		0.2813	34.780	30.801	4,631.30	20.04	123.64	77.8	262.3	0.0	531.9
146.00		0.2813	34.572	30.615	4,548.40	19.91	122.90	78	259.1	0.0	104.5
147.00		0.2813	34.365	30.430	4,466.40	19.78	122.16	78.1	256.0	0.0	103.9
								Totals:			34,290.7

Load Case: 1.2D + 1.0W 115 mph wind with no ice 21 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	-59.14	-25.67	0.00	-2,712.0	0.00	2,711.99	5,735.95	1,516.09	8,518.97	7,348.40	0	0	0.380
5.00	-57.19	-25.30	0.00	-2,583.6	0.00	2,583.63	5,677.95	1,490.83	8,237.51	7,152.06	0.05	-0.09	0.372
10.00	-55.28	-24.94	0.00	-2,457.1	0.00	2,457.12	5,618.68	1,465.57	7,960.77	6,956.64	0.19	-0.18	0.363
15.00	-53.40	-24.57	0.00	-2,332.4	0.00	2,332.44	5,558.13	1,440.31	7,688.77	6,762.21	0.43	-0.27	0.355
20.00	-51.55	-24.21	0.00	-2,209.6	0.00	2,209.59	5,496.31	1,415.05	7,421.49	6,568.87	0.75	-0.36	0.346
25.00	-49.72	-23.85	0.00	-2,088.6	0.00	2,088.56	5,433.22	1,389.79	7,158.94	6,376.70	1.18	-0.45	0.337
30.00	-47.93	-23.48	0.00	-1,969.3	0.00	1,969.33	5,368.86	1,364.54	6,901.11	6,185.76	1.69	-0.53	0.328
35.00	-46.18	-23.18	0.00	-1,851.9	0.00	1,851.92	5,303.22	1,339.28	6,648.02	5,996.16	2.3	-0.62	0.318
38.00	-45.14	-22.98	0.00	-1,782.4	0.00	1,782.38	5,263.22	1,324.12	6,498.43	5,883.07	2.71	-0.68	0.312
40.00	-43.82	-22.70	0.00	-1,736.4	0.00	1,736.41	5,236.31	1,314.02	6,399.65	5,807.96	3	-0.71	0.308
45.00	-40.58	-22.27	0.00	-1,622.9	0.00	1,622.90	5,225.77	1,310.08	6,361.38	5,778.78	3.79	-0.8	0.289
50.00	-38.89	-21.85	0.00	-1,511.6	0.00	1,511.55	5,157.39	1,284.82	6,118.48	5,592.31	4.67	-0.88	0.278
55.00	-37.23	-21.41	0.00	-1,402.3	0.00	1,402.31	5,087.73	1,259.57	5,880.31	5,407.44	5.64	-0.97	0.267
60.00	-35.61	-20.97	0.00	-1,295.2	0.00	1,295.25	5,016.81	1,234.31	5,646.86	5,224.23	6.7	-1.04	0.255
65.00	-34.01	-20.53	0.00	-1,190.4	0.00	1,190.39	4,944.61	1,209.05	5,418.14	5,042.78	7.83	-1.12	0.243
70.00	-32.45	-20.07	0.00	-1,087.8	0.00	1,087.77	4,871.14	1,183.79	5,194.15	4,863.15	9.05	-1.2	0.231
75.00	-30.92	-19.74	0.00	-987.4	0.00	987.40	4,796.39	1,158.53	4,974.89	4,685.45	10.34	-1.27	0.217
77.00	-30.31	-19.52	0.00	-947.9	0.00	947.91	4,766.14	1,148.43	4,888.51	4,614.92	10.88	-1.3	0.212
80.00	-28.72	-19.22	0.00	-889.4	0.00	889.37	4,720.37	1,133.27	4,760.36	4,509.74	11.71	-1.34	0.204
83.00	-27.15	-18.97	0.00	-831.7	0.00	831.70	3,873.58	975.36	4,113.65	3,720.97	12.57	-1.38	0.231
85.00	-26.63	-18.65	0.00	-793.8	0.00	793.77	3,850.55	966.70	4,040.94	3,665.75	13.16	-1.41	0.224
90.00	-25.35	-18.19	0.00	-700.5	0.00	700.52	3,792.09	945.05	3,861.98	3,528.60	14.68	-1.48	0.206
95.00	-24.10	-17.72	0.00	-609.6	0.00	609.59	3,732.36	923.40	3,687.08	3,392.80	16.27	-1.55	0.186
100.00	-22.88	-17.43	0.00	-521.0	0.00	520.98	3,671.36	901.75	3,516.24	3,258.44	17.92	-1.61	0.166
101.00	-18.94	-14.85	0.00	-503.6	0.00	503.55	3,659.01	897.42	3,482.55	3,231.75	18.26	-1.62	0.161
105.00	-18.00	-14.43	0.00	-444.2	0.00	444.15	3,609.08	880.10	3,349.44	3,125.60	19.64	-1.67	0.147
110.00	-16.85	-13.97	0.00	-372.0	0.00	371.98	3,545.54	858.45	3,186.70	2,994.36	21.42	-1.72	0.129
115.00	-15.72	-13.64	0.00	-302.1	0.00	302.14	3,480.72	836.80	3,028.01	2,864.81	23.25	-1.77	0.110
116.75	-15.34	-13.52	0.00	-278.3	0.00	278.26	3,457.73	829.22	2,973.43	2,819.88	23.9	-1.78	0.103
117.50	-14.85	-13.09	0.00	-268.1	0.00	268.12	3,447.83	825.97	2,950.18	2,800.69	24.18	-1.79	0.100
120.00	-13.95	-12.87	0.00	-235.4	0.00	235.39	3,414.62	815.15	2,873.37	2,737.03	25.12	-1.81	0.090
122.00	-13.23	-12.67	0.00	-209.7	0.00	209.66	2,344.85	615.26	2,182.03	1,895.77	25.88	-1.82	0.117
124.00	-9.05	-9.00	0.00	-182.2	0.00	182.16	2,329.63	608.76	2,136.20	1,863.44	26.65	-1.83	0.102
125.00	-8.90	-8.82	0.00	-173.2	0.00	173.16	2,321.95	605.51	2,113.47	1,847.31	27.03	-1.84	0.098
128.10	-8.39	-8.55	0.00	-145.8	0.00	145.78	2,297.80	595.44	2,043.77	1,797.48	28.23	-1.86	0.085
130.00	-8.12	-8.25	0.00	-129.6	0.00	129.55	2,282.76	589.27	2,001.63	1,767.07	28.98	-1.88	0.077
135.00	-7.41	-7.81	0.00	-88.3	0.00	88.31	2,242.30	573.03	1,892.83	1,687.56	30.96	-1.9	0.056
140.00	-6.71	-7.37	0.00	-49.3	0.00	49.28	2,200.57	556.79	1,787.07	1,608.86	32.96	-1.92	0.034
145.00	-6.03	-7.10	0.00	-12.4	0.00	12.42	2,157.57	540.55	1,684.36	1,531.05	34.97	-1.93	0.011
146.00	-2.96	-5.32	0.00	-5.3	0.00	5.32	2,148.81	537.30	1,664.18	1,515.60	35.38	-1.93	0.005
147.00	0.00	-5.22	0.00	0.0	0.00	0.00	2,140.01	534.05	1,644.12	1,500.19	35.78	-1.93	0.000

Load Case: 0.9D + 1.0W 115 mph wind with no ice 21 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	-44.35	-25.66	0.00	-2,693.8	0.00	2,693.84	5,735.95	1,516.09	8,518.97	7,348.40	0	0	0.375
5.00	-42.88	-25.27	0.00	-2,565.5	0.00	2,565.54	5,677.95	1,490.83	8,237.51	7,152.06	0.05	-0.09	0.367
10.00	-41.44	-24.88	0.00	-2,439.2	0.00	2,439.20	5,618.68	1,465.57	7,960.77	6,956.64	0.19	-0.18	0.358
15.00	-40.02	-24.50	0.00	-2,314.8	0.00	2,314.80	5,558.13	1,440.31	7,688.77	6,762.21	0.42	-0.27	0.350
20.00	-38.62	-24.11	0.00	-2,192.3	0.00	2,192.32	5,496.31	1,415.05	7,421.49	6,568.87	0.75	-0.35	0.341
25.00	-37.24	-23.74	0.00	-2,071.8	0.00	2,071.75	5,433.22	1,389.79	7,158.94	6,376.70	1.17	-0.44	0.332
30.00	-35.89	-23.36	0.00	-1,953.1	0.00	1,953.07	5,368.86	1,364.54	6,901.11	6,185.76	1.68	-0.53	0.323
35.00	-34.57	-23.04	0.00	-1,836.3	0.00	1,836.28	5,303.22	1,339.28	6,648.02	5,996.16	2.28	-0.62	0.313
38.00	-33.79	-22.84	0.00	-1,767.2	0.00	1,767.15	5,263.22	1,324.12	6,498.43	5,883.07	2.69	-0.67	0.307
40.00	-32.79	-22.55	0.00	-1,721.5	0.00	1,721.46	5,236.31	1,314.02	6,399.65	5,807.96	2.98	-0.71	0.303
45.00	-30.36	-22.12	0.00	-1,608.7	0.00	1,608.69	5,225.77	1,310.08	6,361.38	5,778.78	3.76	-0.79	0.284
50.00	-29.09	-21.68	0.00	-1,498.1	0.00	1,498.11	5,157.39	1,284.82	6,118.48	5,592.31	4.64	-0.88	0.274
55.00	-27.84	-21.24	0.00	-1,389.7	0.00	1,389.69	5,087.73	1,259.57	5,880.31	5,407.44	5.6	-0.96	0.263
60.00	-26.61	-20.80	0.00	-1,283.5	0.00	1,283.47	5,016.81	1,234.31	5,646.86	5,224.23	6.65	-1.04	0.251
65.00	-25.41	-20.35	0.00	-1,179.5	0.00	1,179.48	4,944.61	1,209.05	5,418.14	5,042.78	7.77	-1.11	0.239
70.00	-24.23	-19.89	0.00	-1,077.8	0.00	1,077.75	4,871.14	1,183.79	5,194.15	4,863.15	8.98	-1.19	0.227
75.00	-23.08	-19.56	0.00	-978.3	0.00	978.29	4,796.39	1,158.53	4,974.89	4,685.45	10.26	-1.26	0.214
77.00	-22.63	-19.33	0.00	-939.2	0.00	939.16	4,766.14	1,148.43	4,888.51	4,614.92	10.8	-1.29	0.209
80.00	-21.43	-19.04	0.00	-881.2	0.00	881.16	4,720.37	1,133.27	4,760.36	4,509.74	11.62	-1.33	0.200
83.00	-20.25	-18.79	0.00	-824.0	0.00	824.03	3,873.58	975.36	4,113.65	3,720.97	12.47	-1.37	0.227
85.00	-19.86	-18.48	0.00	-786.4	0.00	786.45	3,850.55	966.70	4,040.94	3,665.75	13.05	-1.4	0.220
90.00	-18.90	-18.01	0.00	-694.1	0.00	694.07	3,792.09	945.05	3,861.98	3,528.60	14.56	-1.47	0.202
95.00	-17.96	-17.55	0.00	-604.0	0.00	604.01	3,732.36	923.40	3,687.08	3,392.80	16.13	-1.54	0.183
100.00	-17.04	-17.26	0.00	-516.3	0.00	516.28	3,671.36	901.75	3,516.24	3,258.44	17.78	-1.6	0.163
101.00	-14.11	-14.71	0.00	-499.0	0.00	499.02	3,659.01	897.42	3,482.55	3,231.75	18.11	-1.61	0.159
105.00	-13.40	-14.29	0.00	-440.2	0.00	440.18	3,609.08	880.10	3,349.44	3,125.60	19.48	-1.65	0.145
110.00	-12.54	-13.83	0.00	-368.7	0.00	368.71	3,545.54	858.45	3,186.70	2,994.36	21.24	-1.71	0.127
115.00	-11.69	-13.52	0.00	-299.6	0.00	299.55	3,480.72	836.80	3,028.01	2,864.81	23.06	-1.75	0.108
116.75	-11.40	-13.40	0.00	-275.9	0.00	275.89	3,457.73	829.22	2,973.43	2,819.88	23.7	-1.77	0.101
117.50	-11.04	-12.97	0.00	-265.8	0.00	265.85	3,447.83	825.97	2,950.18	2,800.69	23.98	-1.77	0.098
120.00	-10.36	-12.75	0.00	-233.4	0.00	233.43	3,414.62	815.15	2,873.37	2,737.03	24.91	-1.79	0.089
122.00	-9.83	-12.56	0.00	-207.9	0.00	207.92	2,344.85	615.26	2,182.03	1,895.77	25.67	-1.81	0.114
124.00	-6.72	-8.92	0.00	-180.6	0.00	180.65	2,329.63	608.76	2,136.20	1,863.44	26.43	-1.82	0.100
125.00	-6.61	-8.74	0.00	-171.7	0.00	171.73	2,321.95	605.51	2,113.47	1,847.31	26.81	-1.83	0.096
128.10	-6.23	-8.47	0.00	-144.6	0.00	144.58	2,297.80	595.44	2,043.77	1,797.48	28	-1.85	0.083
130.00	-6.03	-8.18	0.00	-128.5	0.00	128.48	2,282.76	589.27	2,001.63	1,767.07	28.74	-1.86	0.076
135.00	-5.49	-7.74	0.00	-87.6	0.00	87.60	2,242.30	573.03	1,892.83	1,687.56	30.7	-1.89	0.055
140.00	-4.98	-7.31	0.00	-48.9	0.00	48.90	2,200.57	556.79	1,787.07	1,608.86	32.69	-1.9	0.033
145.00	-4.47	-7.05	0.00	-12.3	0.00	12.34	2,157.57	540.55	1,684.36	1,531.05	34.68	-1.91	0.010
146.00	-2.18	-5.29	0.00	-5.3	0.00	5.29	2,148.81	537.30	1,664.18	1,515.60	35.08	-1.91	0.005
147.00	0.00	-5.22	0.00	0.0	0.00	0.00	2,140.01	534.05	1,644.12	1,500.19	35.49	-1.91	0.000

Load Case: 1.2D + 1.0Di + 1.0Wi		50 mph wind with 1" radial ice			20 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	-75.29	-7.41	0.00	-762.9	0.00	762.93	5,735.95	1,516.09	8,518.97	7,348.40	0	0	0.117
5.00	-73.08	-7.29	0.00	-725.9	0.00	725.90	5,677.95	1,490.83	8,237.51	7,152.06	0.01	-0.03	0.114
10.00	-70.87	-7.18	0.00	-689.4	0.00	689.44	5,618.68	1,465.57	7,960.77	6,956.64	0.05	-0.05	0.112
15.00	-68.68	-7.06	0.00	-653.6	0.00	653.55	5,558.13	1,440.31	7,688.77	6,762.21	0.12	-0.08	0.109
20.00	-66.51	-6.95	0.00	-618.2	0.00	618.22	5,496.31	1,415.05	7,421.49	6,568.87	0.21	-0.1	0.106
25.00	-64.37	-6.84	0.00	-583.5	0.00	583.47	5,433.22	1,389.79	7,158.94	6,376.70	0.33	-0.13	0.103
30.00	-62.25	-6.72	0.00	-549.3	0.00	549.28	5,368.86	1,364.54	6,901.11	6,185.76	0.47	-0.15	0.100
35.00	-60.17	-6.63	0.00	-515.7	0.00	515.66	5,303.22	1,339.28	6,648.02	5,996.16	0.64	-0.17	0.097
38.00	-58.93	-6.57	0.00	-495.8	0.00	495.77	5,263.22	1,324.12	6,498.43	5,883.07	0.76	-0.19	0.095
40.00	-57.49	-6.48	0.00	-482.6	0.00	482.64	5,236.31	1,314.02	6,399.65	5,807.96	0.84	-0.2	0.094
45.00	-53.92	-6.34	0.00	-450.2	0.00	450.24	5,225.77	1,310.08	6,361.38	5,778.78	1.06	-0.22	0.088
50.00	-51.90	-6.21	0.00	-418.5	0.00	418.53	5,157.39	1,284.82	6,118.48	5,592.31	1.31	-0.25	0.085
55.00	-49.92	-6.07	0.00	-387.5	0.00	387.49	5,087.73	1,259.57	5,880.31	5,407.44	1.58	-0.27	0.081
60.00	-47.96	-5.93	0.00	-357.1	0.00	357.14	5,016.81	1,234.31	5,646.86	5,224.23	1.87	-0.29	0.078
65.00	-46.04	-5.79	0.00	-327.5	0.00	327.49	4,944.61	1,209.05	5,418.14	5,042.78	2.19	-0.31	0.074
70.00	-44.15	-5.64	0.00	-298.6	0.00	298.56	4,871.14	1,183.79	5,194.15	4,863.15	2.53	-0.33	0.070
75.00	-42.30	-5.54	0.00	-270.4	0.00	270.36	4,796.39	1,158.53	4,974.89	4,685.45	2.89	-0.35	0.067
77.00	-41.57	-5.46	0.00	-259.3	0.00	259.29	4,766.14	1,148.43	4,888.51	4,614.92	3.04	-0.36	0.065
80.00	-39.79	-5.37	0.00	-242.9	0.00	242.90	4,720.37	1,133.27	4,760.36	4,509.74	3.27	-0.37	0.062
83.00	-38.02	-5.29	0.00	-226.8	0.00	226.80	3,873.58	975.36	4,113.65	3,720.97	3.51	-0.38	0.071
85.00	-37.38	-5.18	0.00	-216.2	0.00	216.23	3,850.55	966.70	4,040.94	3,665.75	3.67	-0.39	0.069
90.00	-35.78	-5.03	0.00	-190.3	0.00	190.30	3,792.09	945.05	3,861.98	3,528.60	4.09	-0.41	0.063
95.00	-34.22	-4.88	0.00	-165.1	0.00	165.13	3,732.36	923.40	3,687.08	3,392.80	4.53	-0.43	0.058
100.00	-32.69	-4.79	0.00	-140.7	0.00	140.71	3,671.36	901.75	3,516.24	3,258.44	4.99	-0.45	0.052
101.00	-27.16	-4.14	0.00	-135.9	0.00	135.92	3,659.01	897.42	3,482.55	3,231.75	5.09	-0.45	0.050
105.00	-25.97	-4.00	0.00	-119.4	0.00	119.38	3,609.08	880.10	3,349.44	3,125.60	5.47	-0.46	0.045
110.00	-24.52	-3.85	0.00	-99.4	0.00	99.39	3,545.54	858.45	3,186.70	2,994.36	5.96	-0.48	0.040
115.00	-23.10	-3.74	0.00	-80.2	0.00	80.15	3,480.72	836.80	3,028.01	2,864.81	6.46	-0.49	0.035
116.75	-22.61	-3.70	0.00	-73.6	0.00	73.60	3,457.73	829.22	2,973.43	2,819.88	6.64	-0.49	0.033
117.50	-21.92	-3.51	0.00	-70.8	0.00	70.83	3,447.83	825.97	2,950.18	2,800.69	6.72	-0.49	0.032
120.00	-20.86	-3.44	0.00	-62.0	0.00	62.05	3,414.62	815.15	2,873.37	2,737.03	6.98	-0.5	0.029
122.00	-20.03	-3.38	0.00	-55.2	0.00	55.17	2,344.85	615.26	2,182.03	1,895.77	7.19	-0.5	0.038
124.00	-13.65	-2.43	0.00	-47.9	0.00	47.92	2,329.63	608.76	2,136.20	1,863.44	7.4	-0.51	0.032
125.00	-13.44	-2.37	0.00	-45.5	0.00	45.49	2,321.95	605.51	2,113.47	1,847.31	7.51	-0.51	0.030
128.10	-12.72	-2.29	0.00	-38.1	0.00	38.12	2,297.80	595.44	2,043.77	1,797.48	7.84	-0.51	0.027
130.00	-12.33	-2.19	0.00	-33.8	0.00	33.77	2,282.76	589.27	2,001.63	1,767.07	8.04	-0.52	0.025
135.00	-11.33	-2.04	0.00	-22.8	0.00	22.84	2,242.30	573.03	1,892.83	1,687.56	8.59	-0.52	0.019
140.00	-10.36	-1.90	0.00	-12.6	0.00	12.63	2,200.57	556.79	1,787.07	1,608.86	9.14	-0.53	0.013
145.00	-9.41	-1.81	0.00	-3.2	0.00	3.15	2,157.57	540.55	1,684.36	1,531.05	9.69	-0.53	0.006
146.00	-5.30	-1.34	0.00	-1.3	0.00	1.34	2,148.81	537.30	1,664.18	1,515.60	9.81	-0.53	0.003
147.00	0.00	-1.29	0.00	0.0	0.00	0.00	2,140.01	534.05	1,644.12	1,500.19	9.92	-0.53	0.000

Load Case: 1.0D + 1.0W 60 mph Wind with No Ice 20 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	-49.30	-6.25	0.00	-657.7	0.00	657.66	5,735.95	1,516.09	8,518.97	7,348.40	0	0	0.098
5.00	-47.71	-6.16	0.00	-626.4	0.00	626.40	5,677.95	1,490.83	8,237.51	7,152.06	0.01	-0.02	0.096
10.00	-46.14	-6.06	0.00	-595.6	0.00	595.62	5,618.68	1,465.57	7,960.77	6,956.64	0.05	-0.04	0.094
15.00	-44.60	-5.97	0.00	-565.3	0.00	565.30	5,558.13	1,440.31	7,688.77	6,762.21	0.1	-0.06	0.092
20.00	-43.09	-5.88	0.00	-535.4	0.00	535.44	5,496.31	1,415.05	7,421.49	6,568.87	0.18	-0.09	0.089
25.00	-41.59	-5.79	0.00	-506.0	0.00	506.04	5,433.22	1,389.79	7,158.94	6,376.70	0.29	-0.11	0.087
30.00	-40.13	-5.70	0.00	-477.1	0.00	477.09	5,368.86	1,364.54	6,901.11	6,185.76	0.41	-0.13	0.085
35.00	-38.68	-5.62	0.00	-448.6	0.00	448.60	5,303.22	1,339.28	6,648.02	5,996.16	0.56	-0.15	0.082
38.00	-37.83	-5.58	0.00	-431.7	0.00	431.72	5,263.22	1,324.12	6,498.43	5,883.07	0.66	-0.16	0.081
40.00	-36.75	-5.51	0.00	-420.6	0.00	420.57	5,236.31	1,314.02	6,399.65	5,807.96	0.73	-0.17	0.079
45.00	-34.07	-5.40	0.00	-393.0	0.00	393.05	5,225.77	1,310.08	6,361.38	5,778.78	0.92	-0.19	0.075
50.00	-32.68	-5.29	0.00	-366.0	0.00	366.05	5,157.39	1,284.82	6,118.48	5,592.31	1.13	-0.21	0.072
55.00	-31.32	-5.19	0.00	-339.6	0.00	339.58	5,087.73	1,259.57	5,880.31	5,407.44	1.37	-0.23	0.069
60.00	-29.98	-5.08	0.00	-313.6	0.00	313.63	5,016.81	1,234.31	5,646.86	5,224.23	1.62	-0.25	0.066
65.00	-28.66	-4.97	0.00	-288.2	0.00	288.23	4,944.61	1,209.05	5,418.14	5,042.78	1.9	-0.27	0.063
70.00	-27.37	-4.86	0.00	-263.4	0.00	263.38	4,871.14	1,183.79	5,194.15	4,863.15	2.19	-0.29	0.060
75.00	-26.10	-4.78	0.00	-239.1	0.00	239.08	4,796.39	1,158.53	4,974.89	4,685.45	2.51	-0.31	0.056
77.00	-25.60	-4.72	0.00	-229.5	0.00	229.52	4,766.14	1,148.43	4,888.51	4,614.92	2.64	-0.31	0.055
80.00	-24.28	-4.65	0.00	-215.4	0.00	215.35	4,720.37	1,133.27	4,760.36	4,509.74	2.84	-0.33	0.053
83.00	-22.98	-4.59	0.00	-201.4	0.00	201.39	3,873.58	975.36	4,113.65	3,720.97	3.05	-0.34	0.060
85.00	-22.55	-4.52	0.00	-192.2	0.00	192.20	3,850.55	966.70	4,040.94	3,665.75	3.19	-0.34	0.058
90.00	-21.49	-4.40	0.00	-169.6	0.00	169.63	3,792.09	945.05	3,861.98	3,528.60	3.56	-0.36	0.054
95.00	-20.45	-4.29	0.00	-147.6	0.00	147.62	3,732.36	923.40	3,687.08	3,392.80	3.94	-0.38	0.049
100.00	-19.44	-4.22	0.00	-126.2	0.00	126.17	3,671.36	901.75	3,516.24	3,258.44	4.34	-0.39	0.044
101.00	-16.11	-3.59	0.00	-122.0	0.00	121.95	3,659.01	897.42	3,482.55	3,231.75	4.42	-0.39	0.042
105.00	-15.33	-3.49	0.00	-107.6	0.00	107.57	3,609.08	880.10	3,349.44	3,125.60	4.76	-0.4	0.039
110.00	-14.36	-3.38	0.00	-90.1	0.00	90.10	3,545.54	858.45	3,186.70	2,994.36	5.19	-0.42	0.034
115.00	-13.42	-3.30	0.00	-73.2	0.00	73.20	3,480.72	836.80	3,028.01	2,864.81	5.63	-0.43	0.029
116.75	-13.10	-3.27	0.00	-67.4	0.00	67.42	3,457.73	829.22	2,973.43	2,819.88	5.79	-0.43	0.028
117.50	-12.69	-3.17	0.00	-65.0	0.00	64.96	3,447.83	825.97	2,950.18	2,800.69	5.86	-0.43	0.027
120.00	-11.93	-3.12	0.00	-57.0	0.00	57.04	3,414.62	815.15	2,873.37	2,737.03	6.09	-0.44	0.024
122.00	-11.33	-3.07	0.00	-50.8	0.00	50.80	2,344.85	615.26	2,182.03	1,895.77	6.27	-0.44	0.032
124.00	-7.76	-2.18	0.00	-44.1	0.00	44.14	2,329.63	608.76	2,136.20	1,863.44	6.46	-0.44	0.027
125.00	-7.64	-2.14	0.00	-42.0	0.00	41.96	2,321.95	605.51	2,113.47	1,847.31	6.55	-0.45	0.026
128.10	-7.21	-2.07	0.00	-35.3	0.00	35.33	2,297.80	595.44	2,043.77	1,797.48	6.84	-0.45	0.023
130.00	-6.97	-2.00	0.00	-31.4	0.00	31.39	2,282.76	589.27	2,001.63	1,767.07	7.02	-0.45	0.021
135.00	-6.37	-1.89	0.00	-21.4	0.00	21.40	2,242.30	573.03	1,892.83	1,687.56	7.5	-0.46	0.016
140.00	-5.78	-1.79	0.00	-12.0	0.00	11.95	2,200.57	556.79	1,787.07	1,608.86	7.99	-0.46	0.010
145.00	-5.21	-1.72	0.00	-3.0	0.00	3.01	2,157.57	540.55	1,684.36	1,531.05	8.47	-0.47	0.004
146.00	-2.60	-1.29	0.00	-1.3	0.00	1.29	2,148.81	537.30	1,664.18	1,515.60	8.57	-0.47	0.002
147.00	0.00	-1.27	0.00	0.0	0.00	0.00	2,140.01	534.05	1,644.12	1,500.19	8.67	-0.47	0.000

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

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

Spectral Response Acceleration for Short Period (S_S):	0.194
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.054
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}):	0.207
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.086
Seismic Response Coefficient (C_s):	0.033
Upper Limit C_S:	0.033
Lower Limit C_S:	0.030
Period based on Rayleigh Method (sec):	1.760
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	1.630
Total Unfactored Dead Load:	49.300 k
Seismic Base Shear (E):	1.620 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)
40	146.5	112	377	0.005	9	139
39	145.5	113	374	0.005	9	140
38	142.5	573	1,840	0.026	43	711
37	137.5	588	1,784	0.026	41	730
36	132.5	604	1,725	0.025	40	750
35	129.05	234	639	0.009	15	290
34	126.55	396	1,048	0.015	24	491
33	124.5	129	333	0.005	8	160
32	123	284	719	0.010	17	353
31	121	601	1,480	0.021	34	746
30	118.75	760	1,814	0.026	42	943
29	117.125	230	537	0.008	12	285
28	115.875	324	744	0.011	17	402
27	112.5	940	2,057	0.030	48	1,167
26	107.5	961	1,952	0.028	45	1,193
25	103	784	1,486	0.021	34	973
24	100.5	200	365	0.005	8	249
23	97.5	1,015	1,758	0.025	41	1,260
22	92.5	1,036	1,647	0.024	38	1,286
21	87.5	1,057	1,535	0.022	36	1,312
20	84	429	583	0.008	14	532
19	81.5	1,304	1,687	0.024	39	1,619
18	78.5	1,320	1,607	0.023	37	1,639
17	76	499	577	0.008	13	620
16	72.5	1,266	1,354	0.019	31	1,571
15	67.5	1,290	1,228	0.018	29	1,602
14	62.5	1,315	1,104	0.016	26	1,632
13	57.5	1,339	982	0.014	23	1,662
12	52.5	1,364	862	0.012	20	1,693
11	47.5	1,388	746	0.011	17	1,723
10	42.5	2,674	1,199	0.017	28	3,320
9	39	1,083	422	0.006	10	1,345
8	36.5	853	298	0.004	7	1,059
7	32.5	1,441	417	0.006	10	1,789

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
6	27.5	1,465	323	0.005	8	1,819
5	22.5	1,490	237	0.003	6	1,850
4	17.5	1,514	160	0.002	4	1,880
3	12.5	1,539	94	0.001	2	1,910
2	7.5	1,563	42	0.001	1	1,941
1	2.5	1,588	7	0.000	0	1,971
Commscope CBC78T-DS-43-2X	147	62	210	0.003	5	77
Samsung B2/B66A RRH-BR049	147	253	856	0.012	20	314
Samsung B5/B13 RRH-BR04C	147	211	713	0.010	17	262
RFS DB-C1-12C-24AB-0Z	147	32	108	0.002	3	40
Samsung MT6407-77A	147	245	828	0.012	19	304
Antel LPA-80080/4CF ___	147	48	162	0.002	4	60
Antel LPA-80063/4CF	147	40	135	0.002	3	50
Commscope JAHH-65B-R3B (63.3 lb)	147	380	1,284	0.018	30	471
VZW Unused Reserve (16374.48 sqin)	147	1,229	4,156	0.060	96	1,526
Generic Flat Platform with Handrails	146	2,500	8,358	0.120	194	3,103
Generic Flat Platform with Handrails	101	2,500	4,587	0.066	106	3,103
Raycap DC6-48-60-18-8F(32.8 lbs)	128.1	33	89	0.001	2	41
Powerwave Allgon LGP21901	124	33	85	0.001	2	41
Powerwave Allgon LGP2140X	124	114	292	0.004	7	142
Raycap DC6-48-60-18-8F ("Squid")	124	32	81	0.001	2	39
Ericsson RRUS 4478 B14	124	180	461	0.007	11	223
Ericsson RRUS 32 B2	124	159	407	0.006	9	197
Ericsson RRUS-11	124	330	846	0.012	20	410
Powerwave Allgon 7770.00	124	210	538	0.008	12	261
Kathrein Scala 800 10764	124	41	105	0.002	2	51
KMW AM-X-CD-16-65-00T-RET	124	97	249	0.004	6	120
KMW EPBQ-654L8H6-L2	124	218	560	0.008	13	271
Generic Round Low Profile Platform	124	1,875	4,805	0.069	112	2,328
Generic 3' Omni-Grid	117.5	30	70	0.001	2	37
Stand-Off	117.5	150	352	0.005	8	186
Commscope RDIDC-9181-PF-48	101	22	40	0.001	1	27
Fujitsu TA08025-B605	101	225	413	0.006	10	279
Fujitsu TA08025-B604	101	192	352	0.005	8	238
JMA Wireless MX08FRO665-21	101	194	355	0.005	8	240
		49,300	69,640	1.000	1,617	61,200

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)
40	146.5	112	377	0.005	9	96
39	145.5	113	374	0.005	9	97
38	142.5	573	1,840	0.026	43	492
37	137.5	588	1,784	0.026	41	505
36	132.5	604	1,725	0.025	40	519
35	129.05	234	639	0.009	15	201
34	126.55	396	1,048	0.015	24	340
33	124.5	129	333	0.005	8	111
32	123	284	719	0.010	17	244
31	121	601	1,480	0.021	34	516
30	118.75	760	1,814	0.026	42	652
29	117.125	230	537	0.008	12	197
28	115.875	324	744	0.011	17	278
27	112.5	940	2,057	0.030	48	807
26	107.5	961	1,952	0.028	45	825
25	103	784	1,486	0.021	34	673
24	100.5	200	365	0.005	8	172
23	97.5	1,015	1,758	0.025	41	871
22	92.5	1,036	1,647	0.024	38	890
21	87.5	1,057	1,535	0.022	36	908
20	84	429	583	0.008	14	368
19	81.5	1,304	1,687	0.024	39	1,120

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
18	78.5	1,320	1,607	0.023	37	1,134
17	76	499	577	0.008	13	429
16	72.5	1,266	1,354	0.019	31	1,087
15	67.5	1,290	1,228	0.018	29	1,108
14	62.5	1,315	1,104	0.016	26	1,129
13	57.5	1,339	982	0.014	23	1,150
12	52.5	1,364	862	0.012	20	1,171
11	47.5	1,388	746	0.011	17	1,192
10	42.5	2,674	1,199	0.017	28	2,296
9	39	1,083	422	0.006	10	930
8	36.5	853	298	0.004	7	732
7	32.5	1,441	417	0.006	10	1,237
6	27.5	1,465	323	0.005	8	1,258
5	22.5	1,490	237	0.003	6	1,279
4	17.5	1,514	160	0.002	4	1,300
3	12.5	1,539	94	0.001	2	1,321
2	7.5	1,563	42	0.001	1	1,342
1	2.5	1,588	7	0.000	0	1,363
Commscope CBC78T-DS-43-2X	147	62	210	0.003	5	53
Samsung B2/B66A RRH-BR049	147	253	856	0.012	20	217
Samsung B5/B13 RRH-BR04C	147	211	713	0.010	17	181
RFS DB-C1-12C-24AB-0Z	147	32	108	0.002	3	27
Samsung MT6407-77A	147	245	828	0.012	19	210
Antel LPA-80080/4CF ___	147	48	162	0.002	4	41
Antel LPA-80063/4CF	147	40	135	0.002	3	34
Commscope JAHH-65B-R3B (63.3 lb)	147	380	1,284	0.018	30	326
VZW Unused Reserve (16374.48 sqin)	147	1,229	4,156	0.060	96	1,055
Generic Flat Platform with Handrails	146	2,500	8,358	0.120	194	2,147
Generic Flat Platform with Handrails	101	2,500	4,587	0.066	106	2,147
Raycap DC6-48-60-18-8F(32.8 lbs)	128.1	33	89	0.001	2	28
Powerwave Allgon LGP21901	124	33	85	0.001	2	28
Powerwave Allgon LGP2140X	124	114	292	0.004	7	98
Raycap DC6-48-60-18-8F ("Squid")	124	32	81	0.001	2	27
Ericsson RRUS 4478 B14	124	180	461	0.007	11	154
Ericsson RRUS 32 B2	124	159	407	0.006	9	137
Ericsson RRUS-11	124	330	846	0.012	20	283
Powerwave Allgon 7770.00	124	210	538	0.008	12	180
Kathrein Scala 800 10764	124	41	105	0.002	2	35
KMW AM-X-CD-16-65-00T-RET	124	97	249	0.004	6	83
KMW EPBQ-654L8H6-L2	124	218	560	0.008	13	188
Generic Round Low Profile Platform	124	1,875	4,805	0.069	112	1,610
Generic 3' Omni-Grid	117.5	30	70	0.001	2	26
Stand-Off	117.5	150	352	0.005	8	129
Commscope RDIDC-9181-PF-48	101	22	40	0.001	1	19
Fujitsu TA08025-B605	101	225	413	0.006	10	193
Fujitsu TA08025-B604	101	192	352	0.005	8	165
JMA Wireless MX08FRO665-21	101	194	355	0.005	8	166
		49,300	69,640	1.000	1,617	42,330

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	-59.23	-1.62	0.00	-184.64	0.00	184.64	5,735.95	1,516.09	8,519	7,348.40	0.00	0.00	0.04
5.00	-57.29	-1.62	0.00	-176.55	0.00	176.55	5,677.95	1,490.83	8,238	7,152.06	0.00	-0.01	0.04
10.00	-55.38	-1.63	0.00	-168.43	0.00	168.43	5,618.68	1,465.57	7,961	6,956.64	0.01	-0.01	0.03
15.00	-53.50	-1.63	0.00	-160.29	0.00	160.29	5,558.13	1,440.31	7,689	6,762.21	0.03	-0.02	0.03
20.00	-51.65	-1.63	0.00	-152.14	0.00	152.14	5,496.31	1,415.05	7,421	6,568.87	0.05	-0.02	0.03
25.00	-49.83	-1.63	0.00	-144.00	0.00	144.00	5,433.22	1,389.79	7,159	6,376.70	0.08	-0.03	0.03
30.00	-48.04	-1.62	0.00	-135.88	0.00	135.88	5,368.86	1,364.54	6,901	6,185.76	0.12	-0.04	0.03
35.00	-46.98	-1.62	0.00	-127.78	0.00	127.78	5,303.22	1,339.28	6,648	5,996.16	0.16	-0.04	0.03
38.00	-45.64	-1.61	0.00	-122.93	0.00	122.93	5,263.22	1,324.12	6,498	5,883.07	0.19	-0.05	0.03
40.00	-42.32	-1.58	0.00	-119.71	0.00	119.71	5,236.31	1,314.02	6,400	5,807.96	0.21	-0.05	0.03
45.00	-40.59	-1.57	0.00	-111.81	0.00	111.81	5,225.77	1,310.08	6,361	5,778.78	0.26	-0.05	0.03

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
50.00	-38.90	-1.55	0.00	-103.98	0.00	103.98	5,157.39	1,284.82	6,118	5,592.31	0.32	-0.06	0.03
55.00	-37.24	-1.53	0.00	-96.25	0.00	96.25	5,087.73	1,259.57	5,880	5,407.44	0.39	-0.07	0.03
60.00	-35.61	-1.50	0.00	-88.61	0.00	88.61	5,016.81	1,234.31	5,647	5,224.23	0.46	-0.07	0.02
65.00	-34.00	-1.47	0.00	-81.10	0.00	81.10	4,944.61	1,209.05	5,418	5,042.78	0.54	-0.08	0.02
70.00	-32.43	-1.44	0.00	-73.73	0.00	73.73	4,871.14	1,183.79	5,194	4,863.15	0.62	-0.08	0.02
75.00	-31.81	-1.43	0.00	-66.51	0.00	66.51	4,796.39	1,158.53	4,975	4,685.45	0.71	-0.09	0.02
77.00	-30.17	-1.39	0.00	-63.64	0.00	63.64	4,766.14	1,148.43	4,889	4,614.92	0.75	-0.09	0.02
80.00	-28.55	-1.35	0.00	-59.46	0.00	59.46	4,720.37	1,133.27	4,760	4,509.74	0.80	-0.09	0.02
83.00	-28.02	-1.34	0.00	-55.40	0.00	55.40	3,873.58	975.36	4,114	3,720.97	0.86	-0.09	0.02
85.00	-26.71	-1.30	0.00	-52.72	0.00	52.72	3,850.55	966.70	4,041	3,665.75	0.90	-0.10	0.02
90.00	-25.42	-1.26	0.00	-46.21	0.00	46.21	3,792.09	945.05	3,862	3,528.60	1.01	-0.10	0.02
95.00	-24.16	-1.22	0.00	-39.88	0.00	39.88	3,732.36	923.40	3,687	3,392.80	1.12	-0.11	0.02
100.00	-23.91	-1.22	0.00	-33.76	0.00	33.76	3,671.36	901.75	3,516	3,258.44	1.23	-0.11	0.02
101.00	-19.05	-1.04	0.00	-32.55	0.00	32.55	3,659.01	897.42	3,483	3,231.75	1.25	-0.11	0.02
105.00	-17.86	-0.99	0.00	-28.39	0.00	28.39	3,609.08	880.10	3,349	3,125.60	1.35	-0.11	0.01
110.00	-16.69	-0.94	0.00	-23.43	0.00	23.43	3,545.54	858.45	3,187	2,994.36	1.47	-0.12	0.01
115.00	-16.29	-0.93	0.00	-18.71	0.00	18.71	3,480.72	836.80	3,028	2,864.81	1.59	-0.12	0.01
116.75	-16.01	-0.91	0.00	-17.09	0.00	17.09	3,457.73	829.22	2,973	2,819.88	1.63	-0.12	0.01
117.50	-14.84	-0.86	0.00	-16.41	0.00	16.41	3,447.83	825.97	2,950	2,800.69	1.65	-0.12	0.01
120.00	-14.09	-0.82	0.00	-14.26	0.00	14.26	3,414.62	815.15	2,873	2,737.03	1.72	-0.12	0.01
122.00	-13.74	-0.81	0.00	-12.62	0.00	12.62	2,344.85	615.26	2,182	1,895.77	1.77	-0.12	0.01
124.00	-9.50	-0.59	0.00	-11.01	0.00	11.01	2,329.63	608.76	2,136	1,863.44	1.82	-0.12	0.01
125.00	-9.01	-0.57	0.00	-10.41	0.00	10.41	2,321.95	605.51	2,113	1,847.31	1.85	-0.12	0.01
128.10	-8.68	-0.55	0.00	-8.65	0.00	8.65	2,297.80	595.44	2,044	1,797.48	1.93	-0.13	0.01
130.00	-7.93	-0.51	0.00	-7.61	0.00	7.61	2,282.76	589.27	2,002	1,767.07	1.98	-0.13	0.01
135.00	-7.20	-0.47	0.00	-5.06	0.00	5.06	2,242.30	573.03	1,893	1,687.56	2.11	-0.13	0.01
140.00	-6.48	-0.42	0.00	-2.73	0.00	2.73	2,200.57	556.79	1,787	1,608.86	2.24	-0.13	0.01
145.00	-6.35	-0.41	0.00	-0.62	0.00	0.62	2,157.57	540.55	1,684	1,531.05	2.38	-0.13	0.00
146.00	-3.10	-0.20	0.00	-0.20	0.00	0.20	2,148.81	537.30	1,664	1,515.60	2.41	-0.13	0.00
147.00	0.00	-0.20	0.00	0.00	0.00	0.00	2,140.01	534.05	1,644	1,500.19	2.43	-0.13	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
0.00	-40.97	-1.62	0.00	-183.14	0.00	183.14	5,735.95	1,516.09	8,519	7,348.40	0.00	0.00	0.03
5.00	-39.62	-1.62	0.00	-175.05	0.00	175.05	5,677.95	1,490.83	8,238	7,152.06	0.00	-0.01	0.03
10.00	-38.30	-1.62	0.00	-166.94	0.00	166.94	5,618.68	1,465.57	7,961	6,956.64	0.01	-0.01	0.03
15.00	-37.00	-1.62	0.00	-158.83	0.00	158.83	5,558.13	1,440.31	7,689	6,762.21	0.03	-0.02	0.03
20.00	-35.72	-1.62	0.00	-150.71	0.00	150.71	5,496.31	1,415.05	7,421	6,568.87	0.05	-0.02	0.03
25.00	-34.46	-1.62	0.00	-142.61	0.00	142.61	5,433.22	1,389.79	7,159	6,376.70	0.08	-0.03	0.03
30.00	-33.23	-1.61	0.00	-134.53	0.00	134.53	5,368.86	1,364.54	6,901	6,185.76	0.11	-0.04	0.03
35.00	-32.49	-1.60	0.00	-126.48	0.00	126.48	5,303.22	1,339.28	6,648	5,996.16	0.16	-0.04	0.03
38.00	-31.56	-1.60	0.00	-121.67	0.00	121.67	5,263.22	1,324.12	6,498	5,883.07	0.18	-0.05	0.03
40.00	-29.27	-1.57	0.00	-118.48	0.00	118.48	5,236.31	1,314.02	6,400	5,807.96	0.20	-0.05	0.03
45.00	-28.08	-1.55	0.00	-110.64	0.00	110.64	5,225.77	1,310.08	6,361	5,778.78	0.26	-0.05	0.03
50.00	-26.90	-1.53	0.00	-102.88	0.00	102.88	5,157.39	1,284.82	6,118	5,592.31	0.32	-0.06	0.02
55.00	-25.75	-1.51	0.00	-95.20	0.00	95.20	5,087.73	1,259.57	5,880	5,407.44	0.38	-0.07	0.02
60.00	-24.63	-1.49	0.00	-87.64	0.00	87.64	5,016.81	1,234.31	5,647	5,224.23	0.46	-0.07	0.02
65.00	-23.52	-1.46	0.00	-80.20	0.00	80.20	4,944.61	1,209.05	5,418	5,042.78	0.53	-0.08	0.02
70.00	-22.43	-1.43	0.00	-72.90	0.00	72.90	4,871.14	1,183.79	5,194	4,863.15	0.62	-0.08	0.02
75.00	-22.00	-1.42	0.00	-65.76	0.00	65.76	4,796.39	1,158.53	4,975	4,685.45	0.70	-0.09	0.02
77.00	-20.87	-1.38	0.00	-62.93	0.00	62.93	4,766.14	1,148.43	4,889	4,614.92	0.74	-0.09	0.02
80.00	-19.75	-1.34	0.00	-58.79	0.00	58.79	4,720.37	1,133.27	4,760	4,509.74	0.80	-0.09	0.02
83.00	-19.38	-1.32	0.00	-54.78	0.00	54.78	3,873.58	975.36	4,114	3,720.97	0.85	-0.09	0.02
85.00	-18.47	-1.29	0.00	-52.13	0.00	52.13	3,850.55	966.70	4,041	3,665.75	0.89	-0.10	0.02
90.00	-17.58	-1.25	0.00	-45.68	0.00	45.68	3,792.09	945.05	3,862	3,528.60	1.00	-0.10	0.02
95.00	-16.71	-1.21	0.00	-39.43	0.00	39.43	3,732.36	923.40	3,687	3,392.80	1.10	-0.10	0.02
100.00	-16.54	-1.20	0.00	-33.38	0.00	33.38	3,671.36	901.75	3,516	3,258.44	1.22	-0.11	0.02
101.00	-13.18	-1.03	0.00	-32.18	0.00	32.18	3,659.01	897.42	3,483	3,231.75	1.24	-0.11	0.01
105.00	-12.35	-0.98	0.00	-28.07	0.00	28.07	3,609.08	880.10	3,349	3,125.60	1.33	-0.11	0.01
110.00	-11.55	-0.93	0.00	-23.17	0.00	23.17	3,545.54	858.45	3,187	2,994.36	1.45	-0.12	0.01
115.00	-11.27	-0.91	0.00	-18.51	0.00	18.51	3,480.72	836.80	3,028	2,864.81	1.57	-0.12	0.01
116.75	-11.07	-0.90	0.00	-16.90	0.00	16.90	3,457.73	829.22	2,973	2,819.88	1.62	-0.12	0.01
117.50	-10.26	-0.85	0.00	-16.23	0.00	16.23	3,447.83	825.97	2,950	2,800.69	1.64	-0.12	0.01
120.00	-9.75	-0.81	0.00	-14.11	0.00	14.11	3,414.62	815.15	2,873	2,737.03	1.70	-0.12	0.01
122.00	-9.50	-0.80	0.00	-12.48	0.00	12.48	2,344.85	615.26	2,182	1,895.77	1.75	-0.12	0.01

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
124.00	-6.57	-0.59	0.00	-10.89	0.00	10.89	2,329.63	608.76	2,136	1,863.44	1.80	-0.12	0.01
125.00	-6.23	-0.56	0.00	-10.30	0.00	10.30	2,321.95	605.51	2,113	1,847.31	1.83	-0.12	0.01
128.10	-6.00	-0.54	0.00	-8.56	0.00	8.56	2,297.80	595.44	2,044	1,797.48	1.91	-0.12	0.01
130.00	-5.48	-0.50	0.00	-7.52	0.00	7.52	2,282.76	589.27	2,002	1,767.07	1.96	-0.12	0.01
135.00	-4.98	-0.46	0.00	-5.00	0.00	5.00	2,242.30	573.03	1,893	1,687.56	2.09	-0.13	0.01
140.00	-4.49	-0.42	0.00	-2.70	0.00	2.70	2,200.57	556.79	1,787	1,608.86	2.22	-0.13	0.00
145.00	-4.39	-0.41	0.00	-0.61	0.00	0.61	2,157.57	540.55	1,684	1,531.05	2.36	-0.13	0.00
146.00	-2.15	-0.20	0.00	-0.20	0.00	0.20	2,148.81	537.30	1,664	1,515.60	2.38	-0.13	0.00
147.00	0.00	-0.20	0.00	0.00	0.00	0.00	2,140.01	534.05	1,644	1,500.19	2.41	-0.13	0.00

ANALYSIS SUMMARY

	Reactions						Max Usage	
Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.0W	25.67	0.00	59.14	0.00	0.00	2711.99	0.00	0.38
0.9D + 1.0W	25.66	0.00	44.35	0.00	0.00	2693.84	0.00	0.37
1.2D + 1.0Di + 1.0Wi	7.41	0.00	75.29	0.00	0.00	762.93	0.00	0.12
1.2D + 1.0Ev + 1.0Eh	1.63	0.00	59.23	0.00	0.00	184.64	0.00	0.04
0.9D - 1.0Ev + 1.0Eh	1.62	0.00	40.97	0.00	0.00	183.14	0.00	0.03
1.0D + 1.0W	6.25	0.00	49.30	0.00	0.00	657.66	0.00	0.1

Base Plate & Anchor Rod Analysis

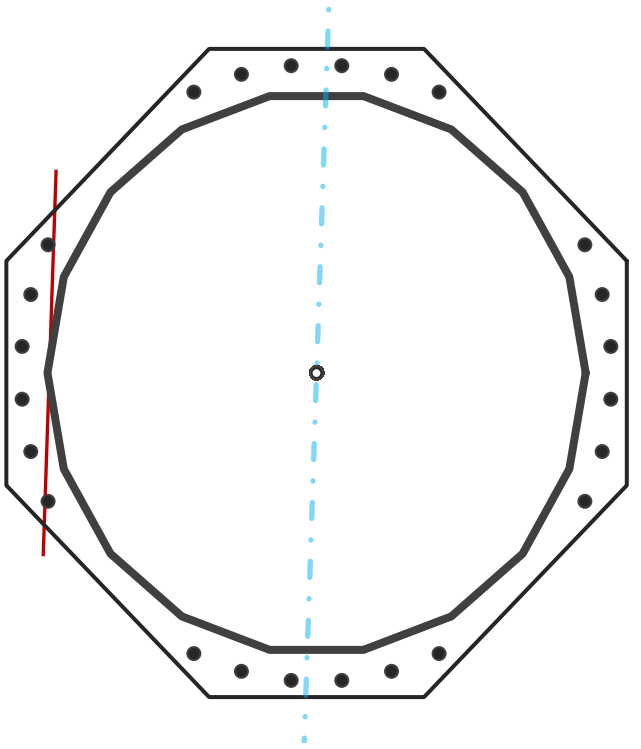
Pole Dimensions		
Number of Sides	18	-
Diameter	62.7	in
Thickness	7/16	in
Orientation Offset		°

Base Reactions		
Moment, Mu	2,712.0	k-ft
Axial, Pu	59.1	k
Shear, Vu	25.7	k
Neutral Axis	88	°

Report Capacities		
Component	Capacity	Result
Base Plate	25%	Pass
Anchor Rods	33%	Pass
Dwyidag	-	-

Base Plate		
Shape	Square	-
Width	70	in
Thickness	3	in
Grade	Other	
Yield Strength, Fy	55	ksi
Tensile Strength, Fu	70	ksi
Clip	18	in
Orientation Offset	45	°
Anchor Rod Detail	d	η=0.5
Clear Distance	3	in
Applied Moment, Mu	988.7	k
Bending Stress, ϕMn	4028.4	k

Original Anchor Rods		
Arrangement	Cluster	-
Quantity	24	-
Diameter, ø	2 1/4	in
Bolt Circle	70	in
Grade	A615-75	
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Spacing	6.0	in
Orientation Offset	45	°
Applied Force, Pu	79.8	k
Anchor Rods, ϕPn	243.6	k



Calculations for Monopole Base Plate & Anchor Rod Analysis

Reaction Distribution

Reaction	Shear Vu	Moment Mu	Factor
-	k	k-ft	-
Base Forces	25.7	2712.0	1.00
Anchor Rod Forces	25.7	2712.0	1.00
Additional Bolt (Grp1) Forces	0.0	0.0	0.00
Additional Bolt (Grp2) Forces	0.0	0.0	0.00
Dywidag Forces	0.0	0.0	0.00
Stiffener Forces	0.0	0.0	0.00

Geometric Properties

Section	Gross Area	Net Area	Individual Inertia	Threads per Inch	Moment of Inertia
-	in^2	in^2	in^4	#	in^4
Pole	85.1427	4.7301	0.3029		41263.67
Bolt	3.9761	3.2477	0.8393	4.5	47761.18
Bolt1	0.0000	0.0000	0.0000	0	0.00
Bolt2	0.0000	0.0000	0.0000	0	0.00
Dywidag	0.0000	0.0000	0.0000		0.00
Stiffener	0.0000	0.0000	0.0000		0.00

Base Plate		
Shape	Square	-
Width, W	70	in
Thickness, t	3	in
Yield Strength, Fy	55	ksi
Tensile Strength, Fu	70	ksi
Base Plate Chord	31.124	in
Detail Type	d	-
Detail Factor	0.50	-
Clear Distance	3	-

Anchor Rods		
Anchor Rod Quantity, N	24	-
Rod Diameter, d	2.25	in
Bolt Circle, BC	70	in
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Applied Axial, Pu	79.8	k
Applied Shear, Vu	0.1	k
Compressive Capacity, ϕPn	243.6	k
Tensile Capacity, ϕRnt	0.328	OK
Interaction Capacity	0.328	OK

External Base Plate		
Chord Length AA	36.170	in
Additional AA	0.000	in
Section Modulus, Z	81.382	in^3
Applied Moment, Mu	988.7	k-ft
Bending Capacity, ϕMn	4028.4	k-ft
Capacity, Mu/ϕMn	0.245	OK
Chord Length AB	35.201	in
Additional AB	0.000	in
Section Modulus, Z	79.202	in^3
Applied Moment, Mu	800.7	k-ft
Bending Capacity, ϕMn	3920.5	k-ft
Capacity, Mu/ϕMn	0.204	OK
Bend Line Length	0.000	in
Additional Bend Line	0.000	in
Section Modulus, Z	0.000	in^3
Applied Moment, Mu	0.0	k-ft
Bending Capacity, ϕMn	0.0	k-ft
Capacity, Mu/ϕMn		

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

Site Name: Good Hill CT, CT
Site Number: 411180
Tower Type: MP
Design Loads (Factored) - Analysis per TIA-222-H Standards

Monolithic Mat & Pier Foundation Analysis

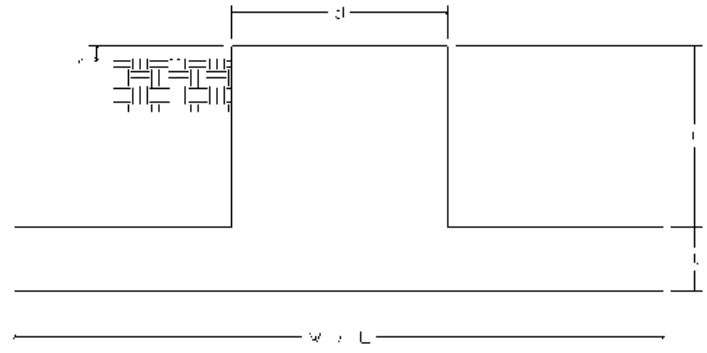
Foundation Analysis Parameters		
Design / Analysis / Mapping:	Analysis	-
Compression/Leg:	59.1	k
Uplift/Leg:	0.0	k
Total Shear:	25.7	k
Moment:	2,712.0	k-ft
Tower + Appurtenance Weight:	59.1	k
Depth to Base of Foundation (l + t - h):	10	ft
Diameter of Pier (d):	9.07	ft
Length of Pier (l):	7.5	ft
Height of Pier above Ground (h):	0.5	ft
Width of Pad (W):	28	ft
Length of Pad (L):	28	ft
Thickness of Pad (t):	3	ft
Tower Leg Center to Center:	0	ft
Number of Tower Legs:	1	-
Tower Center from Mat Center:	0	ft
Depth Below Ground Surface to Water Table:	5	ft
Unit Weight of Concrete:	150	pcf
Unit Weight of Soil Above Water Table:	135	pcf
Unit Weight of Water:	62.4	pcf
Unit Weight of Soil Below Water Table:	72.6	pcf
Friction Angle of Uplift:	15	°
Coefficient of Shear Friction:	0.2	-
Ultimate Compressive Bearing Pressure:	24,000	psf
Ultimate Passive Pressure on Pad Face:	0	psf
$f_{Soil\ and\ Concrete\ Weight}$:	0.9	-
f_{Soil}:	0.75	-

Overturning Moment Usage		
Design OTM:	2981.5	k-ft
OTM Resistance:	12374.3	k-ft
Design OTM / OTM Resistance:	24%	Pass

Soil Bearing Pressure Usage		
Net Bearing Pressure:	1441	psf
Factored Nominal Bearing Pressure:	18000	psf
Factored Nominal (Net) Bearing Pressure:	8%	Pass
Load Direction Controling Design Bearing Pressure:	*Diagonal to Pad Edge*	

Sliding Factor of Safety		
Ultimate Friction Resistance:	182.0	k
Ultimate Passive Pressure Resistance:	0.0	k
Total Factored Sliding Resistance:	136.5	k
Sliding Design / Sliding Resistance:	19%	Pass

Foundation Steel Parameters		
Shear/Leg (Compression):	17.1	k
Shear/Leg (Uplift):	14.1	k
Concrete Strength (f'_c):	3,000	psi
Pad Tension Steel Depth:	32.31	in
Dead Load Factor:	0.9	-
f_{Shear}:	0.75	-
$f_{Flexure\ /\ Tension}$:	0.9	-
$f_{Compression:}$	0.65	-
b:	0.85	-
Bottom Pad Rebar Size #:	11	-
# of Bottom Pad Rebar:	48	-
Pad Bottom Steel Area:	74.88	in^2
Pad Steel F_y:	60,000	psi
Top Pad Rebar Size #:	11	-
# of Top Pad Rebar:	48	-
Pad Top Steel Area:	74.88	in^2
Pier Rebar Size #:	11	-
Pier Steel Area (Single Bar):	1.56	in^2
# of Pier Rebar:	48	-
Pier Steel F_y:	60,000	psi
Pier Cage Diameter:	100.2	in
Rebar Strain Limit:	0.008	-
Steel Elastic Modulus:	29,000	ksi
Tie Rebar Size #:	5	-
Tie Steel Area (Single Bar):	0.31	in^2
Tie Spacing:	4	in
Tie Steel F_y:	40,000	psi
Clear Cover:	3	in



Pad Strength Capacity			
Factored One Way Shear (V_u):	223.5	k	
One Way Shear Capacity (fV_c):	892.0	k	*ACI 318-14 25.5.5.1*
V_u / fV_c:	25%	Pass	
Load Direction Controling Shear Capacity:	*Parallel to Pad Edge*		
Lower Steel Pad Factored Moment (M_u):	1500.6	k-ft	
Lower Steel Pad Moment Capacity (fM_n):	10137.1	k-ft	*ACI 318-14 22.3.1.1*
M_u / fM_n:	15%	Pass	
Load Direction Controling Flexural Capacity:	*Parallel to Pad Edge*		
Upper Steel Pad Factored Moment (M_u):	666.9	k-ft	
Upper Steel Pad Moment Capacity (fM_n):	10137.1	k-ft	
M_u / fM_n:	7%	Pass	
Lower Pad Flexural Reinforcement Ratio:	0.0069		*OK - ACI 318-14 7.6.1.1 & 8.6.1.1*
Upper Pad Flexural Reinforcement Ratio:	0.0069		*OK - ACI 318-14 7.6.1.1 & 8.6.1.1*
Pad Shrinkage Reinforcement Ratio:	0.0138		*OK - ACI 318-14 24.4.3.2*
Lower Pad Reinforcement Spacing:	7.0	in	*OK - ACI 318-14 7.7.2.3, 8.7.2.2, & 24.4.3.3*
Ultimate Punching Shear Stress, v_u:	23.50	psi	*ACI 318-14 R8.4.4.2.3*
Nominal Punching Shear Capacity (f_cv_c):	164.3	psi	*ACI 318-14 22.6.5.2*
v_u / f_cv_c:	14%	Pass	
Pier Moment Pad Flexure Transfer Ratio, γ_f:	0.60		*TIA-222-H 9.4.2*
Moment Transfer Effective Flexural Width, B_{eff}:	18.07	ft	*TIA-222-H 9.4.2*
Moment Transfer Through Pad Flexure:	20912.51	k-in	*TIA-222-H 9.4.2*
Moment Transfer Flexural Capacity ($fM_{sc,f}$):	80776.30	k-in	
g_fM_{sc} / $fM_{sc,f}$:	0%	Pass	

Pier Strength Capacity			
Factored Moment in Pier (M_u):	2904.5	k-ft	
Pier Moment Capacity (fM_n):	16512.6	k-ft	
M_u / fM_n:	18%	Pass	
Factored Shear in Pier (V_u):	25.7	k	
Pier Shear Capacity (fV_n):	1171.7	k	*ACI 318-14 22.5.1.1*
V_u / fV_c:	2%	Pass	
Pier Shear Reinforcement Ratio:	0.0004		*OK - No Ties Necessary for Shear - ACI11.5.6.1*
Factored Tension in Pier (T_u):	0.0	k	
Pier Tension Capacity (fT_n):	4043.5	k	
T_u / fT_n:	0%	Pass	
Factored Compression in Pier (P_u):	59.1	k	
Pier Compression Capacity (fP_n):	12286.4	k	*ACI 318-14 22.4.2.1*
P_u / fP_n:	0%	Pass	
Pier Compression Reinforcement Ratio:	0.008		*OK - TIA-222-H 9.4.1*
Minimum Depth to Develop Vertical Rebar:	63	in	*ACI 318-14 25.4.2.3*
Minimum Hook Development Length:	31	in	*ACI 318-14 25.4.3.1*
Minimum Mat Thickness / Edge Distance from Pier:	34.0	in	
Minimum Foundation Depth:	8.35	ft	
$M_u/f_BM_n + T_u/f_TT_n$:	18%	Pass	

Maser Consulting Connecticut
2000 Midlantic Drive, Suite 100
Mt. Laurel, NJ 08054
856.797.0412
peter.albano@colliersengineering.com

Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10050459
Maser Consulting Connecticut Project #: 21777476A (REV 1)

October 21, 2021

Site Information	*Site ID:*	*469342-VZW / WOODBURY W CT*
	Site Name:	*WOODBURY W CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*478 Good Hill Rd* *Woodbury, Connecticut 06798* *Litchfield County*
	Latitude:	*41.557222°*
	Longitude:	*-73.256778°*
Structure Information	*Tower Type:*	*149-Ft Monopole*
	Mount Type:	*14.00-Ft Platform*

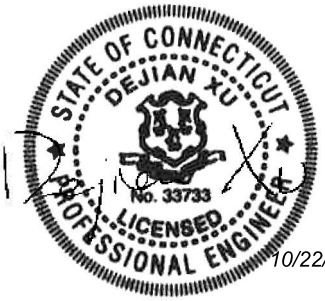
FUZE ID # 16272074

Analysis Results

Platform: **94.7% 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 may also be Noted on A & E drawings
For additional questions and support, please reach out to:
pmisupport@colliersengineering.com

Report Prepared By: Jared Adkins



10/22/2021

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS Site ID: 325196, dated October 18, 2021*
Mount Mapping Report	*Hudson Design Group, LLC, Site ID#: 469342, dated April 12, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	115 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.968
Seismic Parameters:	S_S:	0.194 g
	S_1:	0.054 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
145.00	147.00	3	Samsung	MT6407-77A	Added
		6	Commscope	JAHH-65B-R3B	Retained
		2	Antel	LPA-80063/4CF	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		4	Amphenol Antel	LPA-80080/4CF	
		3	Commscope	CBC78T-DS-43-2X	
		1	Raycap	RVZDC-6627-PF-48	

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 Connecticut and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Maser Consulting Connecticut to verify deviation will not adversely impact the analysis.

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

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

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

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped 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 Connecticut is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Standoff	*23.9 %*	*Pass*
Grating Angle	*33.3 %*	*Pass*
Cross Members	*35.5 %*	*Pass*
Face Horizontal	*94.7 %*	*Pass*
Mount Pipe	*42.9 %*	*Pass*
MOD Face Horizontal	*43.0 %*	*Pass*
Corner Angle	*20.2 %*	*Pass*
Support Rail	*43.6 %*	*Pass*
MOD Bracing	*13.9 %*	*Pass*
Connection Check	*43.7 %*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**94.7%**

Recommendation:

The existing mount is **SUFFICIENT** for the final loading configuration and do not require modifications.

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

Attachments:

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

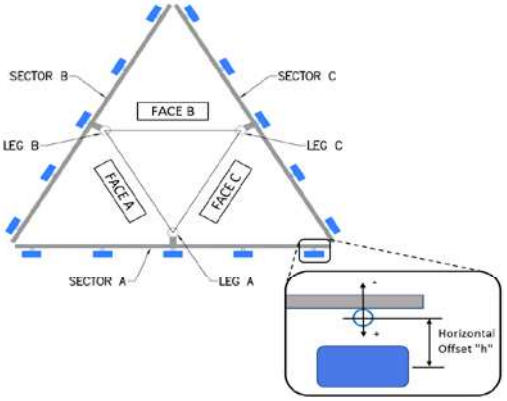
V4.0 Updated on 3-31-2021

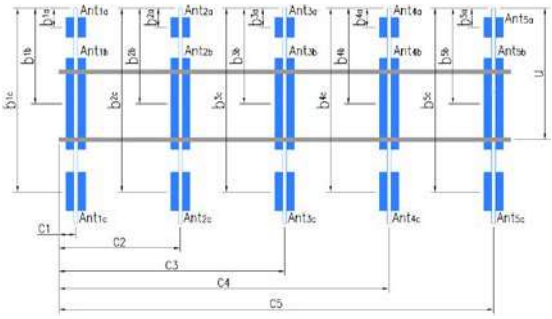
Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	ATC SEQUOIA	**Mapping Date:**	4/12/2021
Site Name:	WOODBURY W CT	**Tower Type:**	Monopole
Site Number or ID:	469342	**Tower Height (Ft.):**	148.5
Mapping Contractor:	HUDSON DESIGN GROUP,LLC.	**Mount Elevation (Ft.):**	146

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





Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2" STD. PIPE X 60" LONG	47.00	13.00	C1	2" STD. PIPE X 60" LONG	47.00	13.00
A2	2" STD. PIPE X 60" LONG	42.00	28.00	C2	2" STD. PIPE X 60" LONG	42.00	28.00
A3	2" STD. PIPE X 60" LONG	49.00	52.00	C3	2" STD. PIPE X 60" LONG	49.00	52.00
A4	2" STD. PIPE X 60" LONG	46.00	80.00	C4	2" STD. PIPE X 60" LONG	46.00	80.00
A5	2" STD. PIPE X 60" LONG	42.00	141.00	C5	2" STD. PIPE X 60" LONG	42.00	141.00
A6	2" STD. PIPE X 60" LONG	47.00	156.00	C6	2" STD. PIPE X 60" LONG	47.00	156.00
B1	2" STD. PIPE X 60" LONG	47.00	13.00	D1			
B2	2" STD. PIPE X 60" LONG	42.00	28.00	D2			
B3	2" STD. PIPE X 60" LONG	49.00	52.00	D3			
B4	2" STD. PIPE X 60" LONG	46.00	80.00	D4			
B5	2" STD. PIPE X 60" LONG	42.00	141.00	D5			
B6	2" STD. PIPE X 60" LONG	47.00	156.00	D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	2.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	

Please enter additional infomation or comments below.

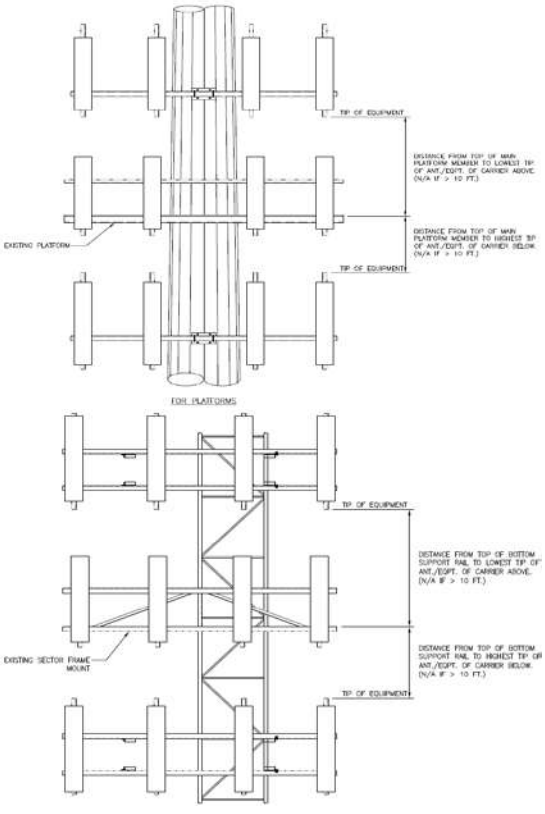
Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	34
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.			

	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-80080/4CF	6.00	13.00	47.00		148.083	20.00	15.00	30.00	56,129
Ant_{1c}										
Ant_{2a}	CBC78T-DS-43-2X	5.00	7.00	6.50		146.833	30.00	0.00		57,130
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	RFV01U-D2A	15.50	10.00	15.50		148.417	18.00	-8.00		58,130
Ant_{3c}										
Ant_{4a}	RFV01U-D1A	15.50	12.00	15.50		148	20.00	-9.00		58,130
Ant_{4b}	(2) JAHH-65B-R3B	14.00	8.50	72.00		147.167	30.00	13.00	30.00	58,130
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	LPA-80080/4CF	6.00	13.00	47.00		147.667	20.00	15.00	30.00	59,132
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

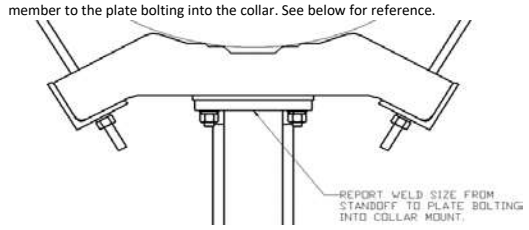
Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	30.00	Deg	Leg A:		Deg
Sector B:	150.00	Deg	Leg B:		Deg
Sector C:	270.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	280.00	Deg	N/A
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.

Please insert a photo of the mount centerline measurement here.



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



Sector B										
Ant_{1a}										
Ant_{1b}	LPA-80063/4CF	15.00	13.00	47.00		148.083	20.00	19.00	150.00	60,141
Ant_{1c}										
Ant_{2a}	CBC78T-DS-43-2X	5.00	7.00	6.50		146.833	30.00	0.00		60,142
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	RFV01U-D2A	15.50	10.00	15.50		148.417	18.00	-8.00		61,142
Ant_{3c}										
Ant_{4a}	RFV01U-D1A	15.50	12.00	15.50		148	20.00	-9.00		61,142
Ant_{4b}	(2) JAHH-65B-R3B	14.00	8.50	72.00		147.167	30.00	13.00	150.00	61,142
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	LPA-80063/4CF	15.00	13.00	47.00		147.667	20.00	19.00	150.00	62,144
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	LPA-80080/4CF	6.00	13.00	47.00		148.083	20.00	15.00	270.00	62,153
Ant_{1c}										
Ant_{2a}	CBC78T-DS-43-2X	5.00	7.00	6.50		146.833	30.00	0.00		62,150
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	RFV01U-D2A	15.50	10.00	15.50		148.417	18.00	-8.00		63,150
Ant_{3c}										
Ant_{4a}	RFV01U-D1A	15.50	12.00	15.50		148	20.00	-9.00		63,154
Ant_{4b}	(2) JAHH-65B-R3B	14.00	8.50	72.00		147.167	30.00	13.00	270.00	63,154
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	LPA-80080/4CF	6.00	13.00	47.00		147.667	20.00	15.00	270.00	64,155
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1		
2		
3		
4		
5		
6		
7		
8		

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

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

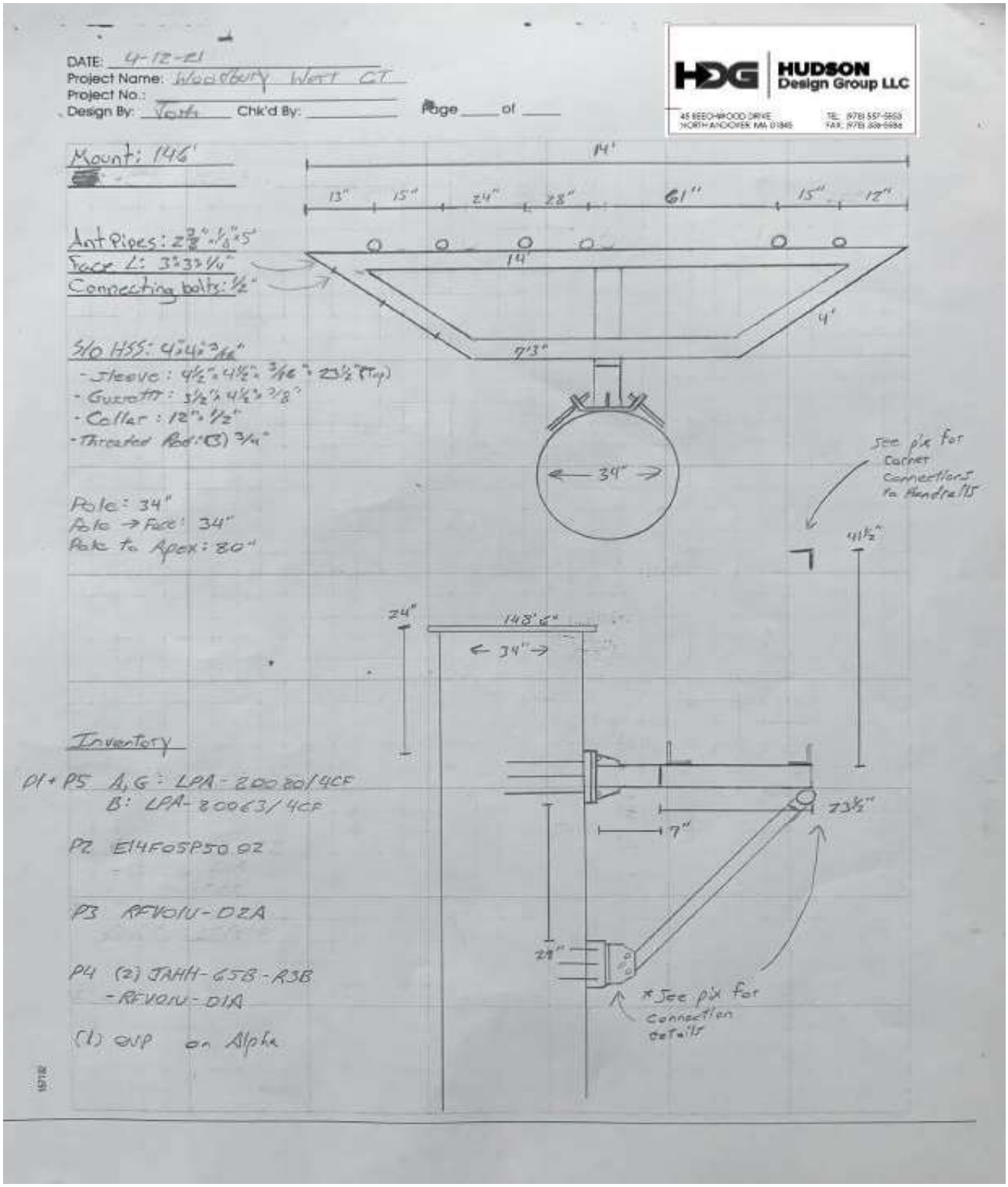
Standard Conditions
1. Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping are to be reported in this mapping. However, this mount mapping is not a condition assessment of the mount.

Antenna Mount Mapping Form (PATENT PENDING)

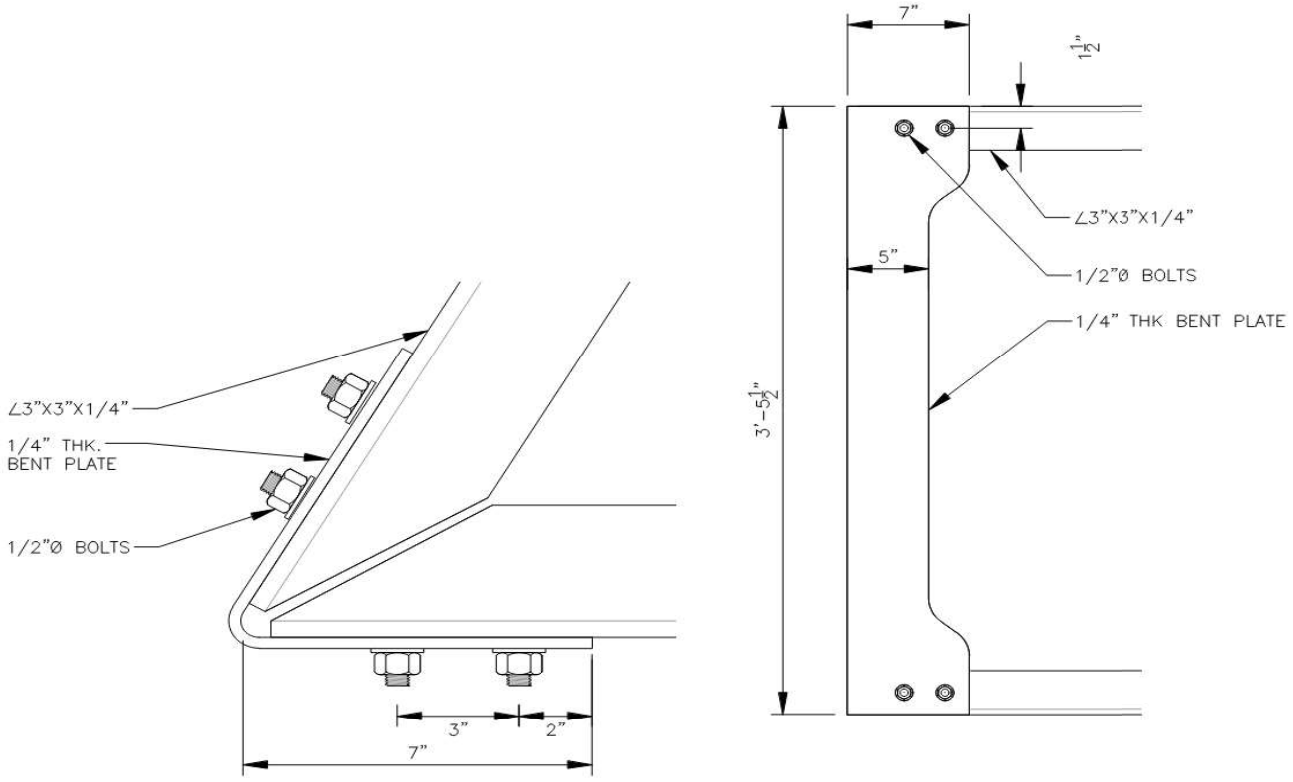
FCC #

Tower Owner:	ATC SEQUOIA	**Mapping Date:**	4/12/2021
Site Name:	WOODBURY W CT	**Tower Type:**	Monopole
Site Number or ID:	469342	**Tower Height (Ft.):**	148.5
Mapping Contractor:	HUDSON DESIGN GROUP,LLC.	**Mount Elevation (Ft.):**	146

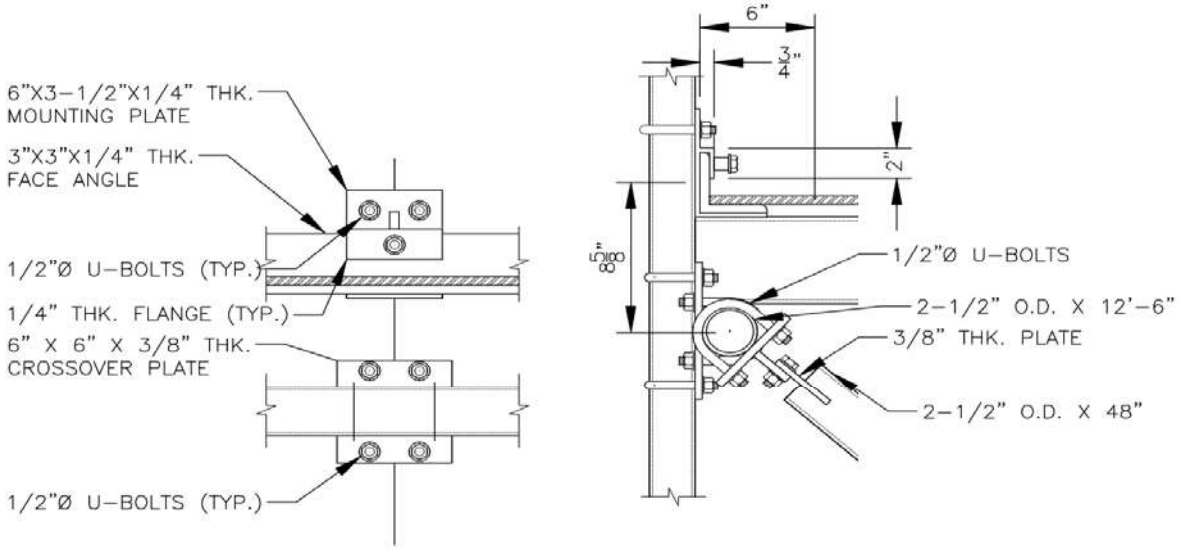
Please Insert Sketches of the Antenna Mount



Please Insert Sketches of the Antenna Mount, cont'd

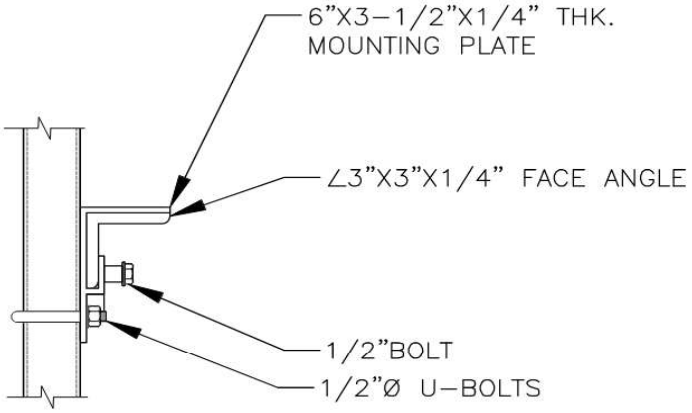


PLATFORM CORNER DETAIL

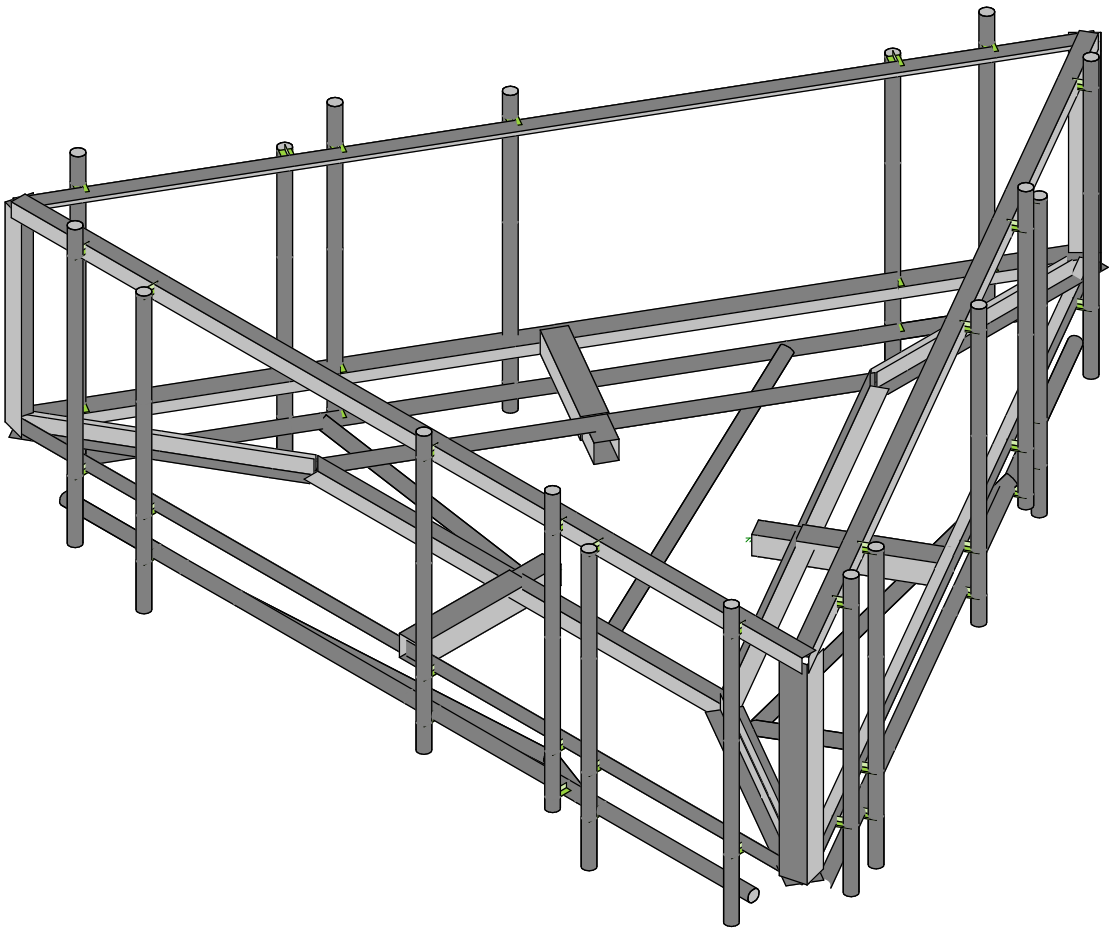


CROSSOVER PLATE DETAIL

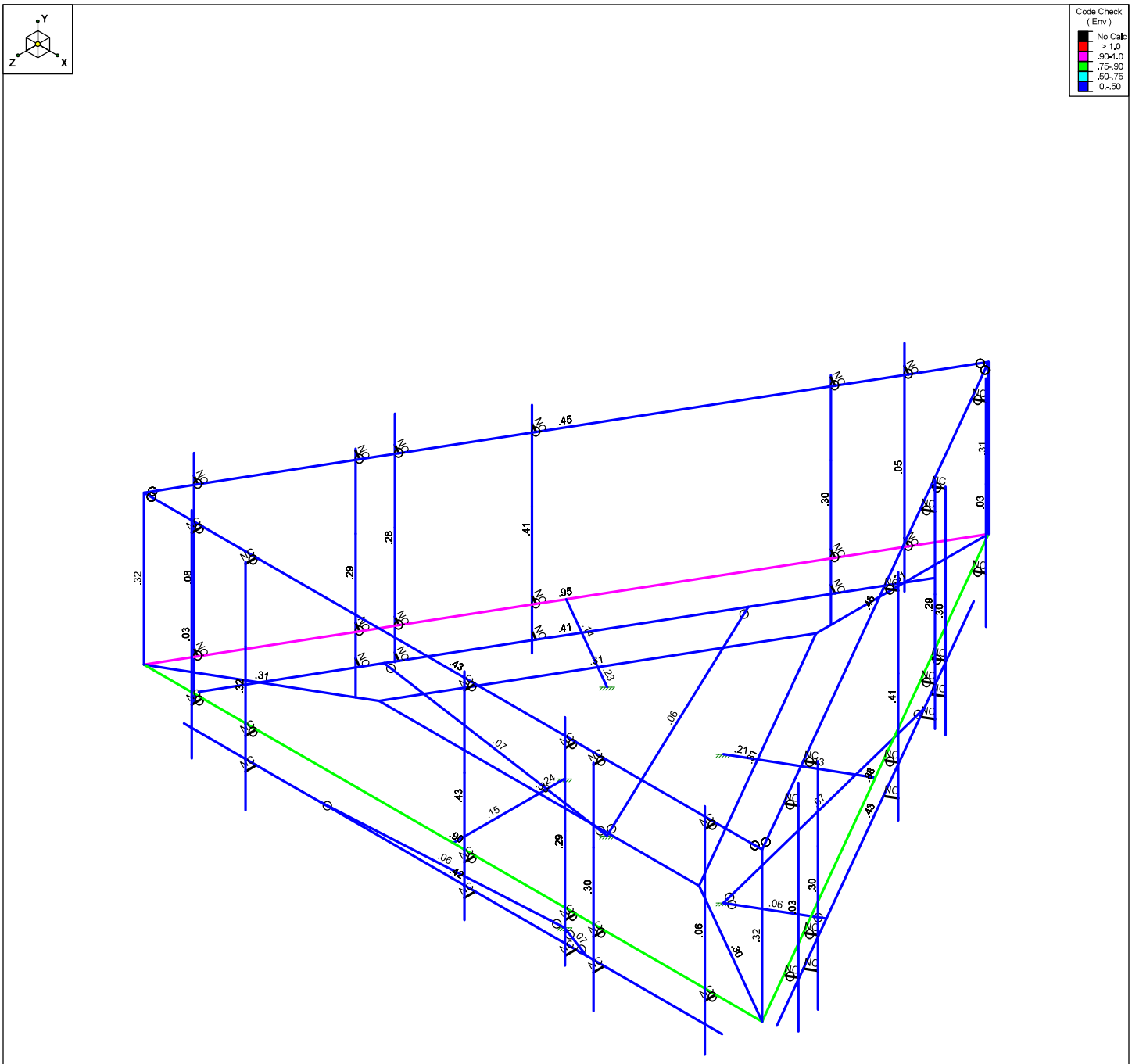
Please Insert Sketches of the Antenna Mount, cont'd



HANDRAIL CONNECTION

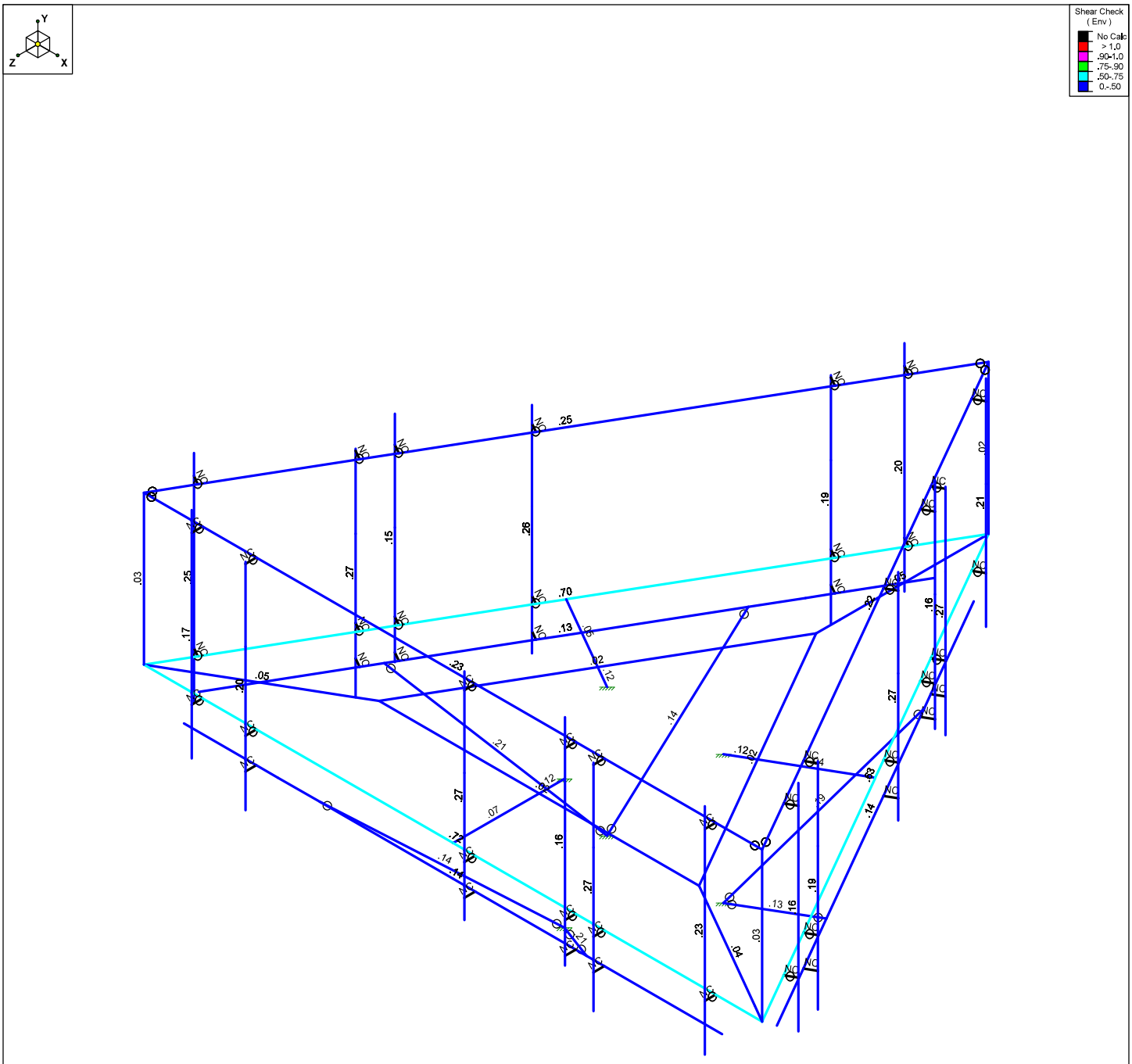


Maser Consulting	469342-VZW_MT_LO_H	SK - 1
MNC		Sept 29, 2021 at 1:54 PM
Project No. 10050459		469342-VZW_MT_LO_H-fix.r3d



Member Code Checks Displayed (Enveloped)
Results for LC 1, 1.2D+1.0Wo (0 Deg)

Maser Consulting	469342-VZW_MT_LO_H	SK - 2
MNC		Sept 29, 2021 at 1:54 PM
Project No. 10050459		469342-VZW_MT_LO_H-fix.r3d



Member Shear Checks Displayed (Enveloped)
Results for LC 1, 1.2D+1.0Wo (0 Deg)

Maser Consulting	469342-VZW_MT_LO_H	SK - 3
MNC		Sept 29, 2021 at 1:55 PM
Project No. 10050459		469342-VZW_MT_LO_H-fix.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					120			
2	Antenna Di	None					120			
3	Antenna Wo (0 Deg)	None					120			
4	Antenna Wo (30 Deg)	None					120			
5	Antenna Wo (60 Deg)	None					120			
6	Antenna Wo (90 Deg)	None					120			
7	Antenna Wo (120 Deg)	None					120			
8	Antenna Wo (150 Deg)	None					120			
9	Antenna Wo (180 Deg)	None					120			
10	Antenna Wo (210 Deg)	None					120			
11	Antenna Wo (240 Deg)	None					120			
12	Antenna Wo (270 Deg)	None					120			
13	Antenna Wo (300 Deg)	None					120			
14	Antenna Wo (330 Deg)	None					120			
15	Antenna Wi (0 Deg)	None					120			
16	Antenna Wi (30 Deg)	None					120			
17	Antenna Wi (60 Deg)	None					120			
18	Antenna Wi (90 Deg)	None					120			
19	Antenna Wi (120 Deg)	None					120			
20	Antenna Wi (150 Deg)	None					120			
21	Antenna Wi (180 Deg)	None					120			
22	Antenna Wi (210 Deg)	None					120			
23	Antenna Wi (240 Deg)	None					120			
24	Antenna Wi (270 Deg)	None					120			
25	Antenna Wi (300 Deg)	None					120			
26	Antenna Wi (330 Deg)	None					120			
27	Antenna Wm (0 Deg)	None					120			
28	Antenna Wm (30 Deg)	None					120			
29	Antenna Wm (60 Deg)	None					120			
30	Antenna Wm (90 Deg)	None					120			
31	Antenna Wm (120 Deg)	None					120			
32	Antenna Wm (150 Deg)	None					120			
33	Antenna Wm (180 Deg)	None					120			
34	Antenna Wm (210 Deg)	None					120			
35	Antenna Wm (240 Deg)	None					120			
36	Antenna Wm (270 Deg)	None					120			
37	Antenna Wm (300 Deg)	None					120			
38	Antenna Wm (330 Deg)	None					120			
39	Structure D	None		-1					3	
40	Structure Di	None						48	3	
41	Structure Wo (0 Deg)	None						96		
42	Structure Wo (30 Deg)	None						96		
43	Structure Wo (60 Deg)	None						96		
44	Structure Wo (90 Deg)	None						96		
45	Structure Wo (120 D...	None						96		
46	Structure Wo (150 D...	None						96		
47	Structure Wo (180 D...	None						96		
48	Structure Wo (210 D...	None						96		
49	Structure Wo (240 D...	None						96		
50	Structure Wo (270 D...	None						96		
51	Structure Wo (300 D...	None						96		
52	Structure Wo (330 D...	None						96		
53	Structure Wi (0 Deg)	None						96		
54	Structure Wi (30 Deg)	None						96		
55	Structure Wi (60 Deg)	None						96		
56	Structure Wi (90 Deg)	None						96		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
57	Structure Wi (120 De...	None						96		
58	Structure Wi (150 De...	None						96		
59	Structure Wi (180 De...	None						96		
60	Structure Wi (210 De...	None						96		
61	Structure Wi (240 De...	None						96		
62	Structure Wi (270 De...	None						96		
63	Structure Wi (300 De...	None						96		
64	Structure Wi (330 De...	None						96		
65	Structure Wm (0 Deg)	None						96		
66	Structure Wm (30 De...	None						96		
67	Structure Wm (60 De...	None						96		
68	Structure Wm (90 De...	None						96		
69	Structure Wm (120 D...	None						96		
70	Structure Wm (150 D...	None						96		
71	Structure Wm (180 D...	None						96		
72	Structure Wm (210 D...	None						96		
73	Structure Wm (240 D...	None						96		
74	Structure Wm (270 D...	None						96		
75	Structure Wm (300 D...	None						96		
76	Structure Wm (330 D...	None						96		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Are...	None						30		
82	BLC 40 Transient Are...	None						30		

Load Combinations

	Description	Sol...	PD...	SR...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...
1	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										

Load Combinations (Continued)

	Description	Sol...	PD...	SR...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...
27	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	Seismic M...		Y		1	1	39	1																
53	1.2D + 1.0...		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866										
55	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1.0...		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5										
62	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5										
64	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.866										

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	CP	0.	0	-0.	0	
2	N2	0.	0	1.5625	0	
3	N10	-0.	0	-4.291667	0	
4	N11	-0.	0	-4.833334	0	
5	N12	-0.	0	-6.333334	0	
6	N13	-0.	0	-7.833334	0	
7	N14	-0.	0	-8.291667	0	
8	N15	-3.716693	0	2.145833	0	
9	N16	-7.180794	0	4.145833	0	
10	N17	3.716693	0	2.145833	0	
11	N18	7.180794	0	4.145833	0	
12	N15A	0.	0	2.145833	0	
13	N16A	0.	0	4.145833	0	
14	N15B	-4.18579	0	2.416667	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N16B	-5.484828	0	3.166667	0	
16	N17A	-6.783866	0	3.916667	0	
17	N18A	4.18579	0	2.416667	0	
18	N19	5.484828	0	3.166667	0	
19	N20	6.783866	0	3.916667	0	
20	N43	6.097456	0	4.145833	0	
21	N44	6.097456	3.458333	4.145833	0	
22	N45	6.097456	0	4.395833	0	
23	N46	6.097456	3.458333	4.395833	0	
24	N53	6.097456	3.916667	4.395833	0	
25	N54	6.097456	-1.083333	4.395833	0	
26	N67	3.597461	0	-2.060682	0	
27	N78	1.858346	0	-1.072917	0	
28	N91	-3.583333	0	-2.085151	0	
29	N110	-1.858346	0	-1.072917	0	
30	N108A	3.590397	0	-2.072917	0	
31	N110A	-3.590397	0	-2.072917	0	
32	N118B	6.097456	1.791667	4.395833	0	
33	N119B	1.425334	0	-0.822917	0	
34	N120	0.	-0.71875	4.145833	0	
35	N121	6.25	-0.71875	4.145833	0	
36	N122	-6.25	-0.71875	4.145833	0	
37	N123	-0.	3.458333	-8.291667	0	
38	N125	-7.180794	3.458333	4.145833	0	
39	N127	7.180794	3.458333	4.145833	0	
40	N44A	3.514123	0	4.145833	0	
41	N45A	3.514123	3.458333	4.145833	0	
42	N46A	3.514123	0	4.395833	0	
43	N47	3.514123	3.458333	4.395833	0	
44	N48	3.514123	3.5	4.395833	0	
45	N49	3.514123	-1.5	4.395833	0	
46	N50	3.514123	1.791667	4.395833	0	
47	N51	3.514123	-0.71875	4.145833	0	
48	N52	3.514123	-0.71875	4.395833	0	
49	N53A	2.847456	0	4.145833	0	
50	N54A	2.847456	3.458333	4.145833	0	
51	N55	2.847456	0	4.395833	0	
52	N56	2.847456	3.458333	4.395833	0	
53	N57	2.847456	4.083333	4.395833	0	
54	N58	2.847456	-0.916667	4.395833	0	
55	N59	2.847456	1.791667	4.395833	0	
56	N60	2.847456	-0.71875	4.145833	0	
57	N61	2.847456	-0.71875	4.395833	0	
58	N62	0.514123	0	4.145833	0	
59	N63	0.514123	3.458333	4.145833	0	
60	N64	0.514123	0	4.395833	0	
61	N65	0.514123	3.458333	4.395833	0	
62	N66	0.514123	3.833333	4.395833	0	
63	N67A	0.514123	-1.166667	4.395833	0	
64	N68	0.514123	1.791667	4.395833	0	
65	N69	0.514123	-0.71875	4.145833	0	
66	N70	0.514123	-0.71875	4.395833	0	
67	N71	-4.569211	0	4.145833	0	
68	N72	-4.569211	3.458333	4.145833	0	
69	N73	-4.569211	0	4.395833	0	
70	N74	-4.569211	3.458333	4.395833	0	
71	N75	-4.569211	3.5	4.395833	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N76	-4.569211	-1.5	4.395833	0	
73	N77A	-4.569211	1.791667	4.395833	0	
74	N78A	-4.569211	-0.71875	4.145833	0	
75	N79	-4.569211	-0.71875	4.395833	0	
76	N80	-5.819211	0	4.145833	0	
77	N81	-5.819211	3.458333	4.145833	0	
78	N82	-5.819211	0	4.395833	0	
79	N83	-5.819211	3.458333	4.395833	0	
80	N84	-5.819211	3.916667	4.395833	0	
81	N85	-5.819211	-1.083333	4.395833	0	
82	N88	3.097456	-0.71875	4.145833	0	
83	N89	-4.069211	-0.71875	4.145833	0	
84	N90	-3.097456	-0.71875	4.145833	0	
85	N91A	0.	-2.993333	1.5625	0	
86	N95	0.541669	0	-7.353468	0	
87	N96	0.541669	3.458333	-7.353468	0	
88	N97	0.758175	0	-7.478468	0	
89	N98	0.758175	3.458333	-7.478468	0	
90	N99	0.758175	3.916667	-7.478468	0	
91	N100	0.758175	-1.083333	-7.478468	0	
92	N101	0.758175	1.791667	-7.478468	0	
93	N102	3.590397	-0.71875	-2.072917	0	
94	N104	6.715397	-0.71875	3.339742	0	
95	N118	2.166669	0	-4.538886	0	
96	N119	2.166669	3.458333	-4.538886	0	
97	N120A	2.383175	0	-4.663886	0	
98	N121A	2.383175	3.458333	-4.663886	0	
99	N122A	2.383175	4.083333	-4.663886	0	
100	N123A	2.383175	-0.916667	-4.663886	0	
101	N124	2.383175	1.791667	-4.663886	0	
102	N125A	2.166669	-0.71875	-4.538886	0	
103	N126	2.383175	-0.71875	-4.663886	0	
104	N127A	3.333336	0	-2.51816	0	
105	N128	3.333336	3.458333	-2.51816	0	
106	N129	3.549842	0	-2.64316	0	
107	N130	3.549842	3.458333	-2.64316	0	
108	N131	3.549842	3.833333	-2.64316	0	
109	N132	3.549842	-1.166667	-2.64316	0	
110	N133	3.549842	1.791667	-2.64316	0	
111	N134	3.333336	-0.71875	-2.51816	0	
112	N135	3.549842	-0.71875	-2.64316	0	
113	N136	5.875002	0	1.884136	0	
114	N137	5.875002	3.458333	1.884136	0	
115	N138	6.091509	0	1.759136	0	
116	N139	6.091509	3.458333	1.759136	0	
117	N140	6.091509	3.5	1.759136	0	
118	N141	6.091509	-1.5	1.759136	0	
119	N142	6.091509	1.791667	1.759136	0	
120	N143	5.875002	-0.71875	1.884136	0	
121	N144	6.091509	-0.71875	1.759136	0	
122	N145	6.500002	0	2.966668	0	
123	N146	6.500002	3.458333	2.966668	0	
124	N147	6.716509	0	2.841668	0	
125	N148	6.716509	3.458333	2.841668	0	
126	N149	6.716509	3.916667	2.841668	0	
127	N150	6.716509	-1.083333	2.841668	0	
128	N153	2.041669	-0.71875	-4.755392	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N154	5.625002	-0.71875	1.451123	0	
130	N155	5.139125	-0.71875	0.609559	0	
131	N167	-3.590397	-0.71875	-2.072917	0	
132	N168	-6.715397	-0.71875	3.339742	0	
133	N169	-0.465397	-0.71875	-7.485575	0	
134	N183	-5.014125	0	0.393052	0	
135	N184	-5.014125	3.458333	0.393052	0	
136	N185	-5.230631	0	0.268052	0	
137	N186	-5.230631	3.458333	0.268052	0	
138	N187	-5.230631	4.083333	0.268052	0	
139	N188	-5.230631	-0.916667	0.268052	0	
140	N189	-5.230631	1.791667	0.268052	0	
141	N190	-5.014125	-0.71875	0.393052	0	
142	N191	-5.230631	-0.71875	0.268052	0	
143	N192	-3.847458	0	-1.627674	0	
144	N193	-3.847458	3.458333	-1.627674	0	
145	N194	-4.063965	0	-1.752674	0	
146	N195	-4.063965	3.458333	-1.752674	0	
147	N196	-4.063965	3.833333	-1.752674	0	
148	N197	-4.063965	-1.166667	-1.752674	0	
149	N198	-4.063965	1.791667	-1.752674	0	
150	N199	-3.847458	-0.71875	-1.627674	0	
151	N200	-4.063965	-0.71875	-1.752674	0	
152	N201	-1.305792	0	-6.029969	0	
153	N202	-1.305792	3.458333	-6.029969	0	
154	N203	-1.522298	0	-6.154969	0	
155	N204	-1.522298	3.458333	-6.154969	0	
156	N205	-1.522298	3.5	-6.154969	0	
157	N206	-1.522298	-1.5	-6.154969	0	
158	N207	-1.522298	1.791667	-6.154969	0	
159	N208	-1.305792	-0.71875	-6.029969	0	
160	N209	-1.522298	-0.71875	-6.154969	0	
161	N210	-0.680792	0	-7.112501	0	
162	N211	-0.680792	3.458333	-7.112501	0	
163	N212	-0.897298	0	-7.237501	0	
164	N213	-0.897298	3.458333	-7.237501	0	
165	N214	-0.897298	3.916667	-7.237501	0	
166	N215	-0.897298	-1.083333	-7.237501	0	
167	N218	-5.139125	-0.71875	0.609559	0	
168	N219	-1.555792	-0.71875	-5.596957	0	
169	N220	-2.041669	-0.71875	-4.755392	0	
170	N210A	1.353164	0	-0.78125	0	
171	N212A	-1.353165	0	-0.78125	0	
172	N212B	1.353164	-2.993333	-0.78125	0	
173	N215A	-1.353165	-2.993333	-0.78125	0	
174	N212C	-6.722458	0	3.351973	0	
175	N213A	-6.722458	3.458333	3.351973	0	
176	N214A	-6.938965	0	3.226973	0	
177	N215B	-6.938965	3.458333	3.226973	0	
178	N216	-6.938965	3.916667	3.226973	0	
179	N217	-6.938965	-1.083333	3.226973	0	
180	N198A	1.833336	0	-5.116236	0	
181	N199A	1.833336	3.458333	-5.116236	0	
182	N200A	2.049842	0	-5.241236	0	
183	N201A	2.049842	3.458333	-5.241236	0	
184	N202A	2.049842	3.5	-5.241236	0	
185	N203A	2.049842	-1.5	-5.241236	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N204A	2.049842	1.791667	-5.241236	0	
187	N205A	1.833336	-0.71875	-5.116236	0	
188	N206A	2.049842	-0.71875	-5.241236	0	
189	N207A	-5.347458	0	0.970403	0	
190	N208A	-5.347458	3.458333	0.970403	0	
191	N209A	-5.563965	0	0.845403	0	
192	N210B	-5.563965	3.458333	0.845403	0	
193	N211A	-5.563965	3.5	0.845403	0	
194	N212D	-5.563965	-1.5	0.845403	0	
195	N213B	-5.563965	1.791667	0.845403	0	
196	N214B	-5.347458	-0.71875	0.970403	0	
197	N215C	-5.563965	-0.71875	0.845403	0	
198	N198B	0.465397	-0.71875	-7.485575	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
2	Support Rail	L3X3X4	Beam	Pipe	A36 Gr....	Typical	1.44	1.23	1.23	.031
3	Bottom Corner Plate	L15X6.5...	Beam	Single Angle	A36 Gr....	Typical	7.922	24.473	192.705	.363
4	Standoff_2	HSS4.5...	Beam	Tube	A500 Gr...	Typical	2.93	9.02	9.02	14.4
5	Cross Members	L3X3X4	Beam	Channel	A36 Gr....	Typical	1.44	1.23	1.23	.031
6	Face Horizontal	L3X3X4	Beam	Single Angle	A36 Gr....	Typical	1.44	1.23	1.23	.031
7	Standoff_1	HSS4X...	Beam	Tube	A500 Gr...	Typical	3.37	7.8	7.8	12.8
8	Grating Angle	LL3x3x4...	Beam	Double Angle (No Gap)	A36 Gr....	Typical	2.88	4.5	2.46	.063
9	Corner Angle	L5x5x4	Column	Single Angle	A36 Gr....	Typical	2.438	6.045	6.045	.049
10	MOD Face Horizontal	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
11	MOD Bracing	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N2	N15A			Standoff_1	Beam	Tube	A500 Gr.B...	Typical
2	M2	N15A	N16A			Standoff_2	Beam	Tube	A500 Gr.B...	Typical
3	M5	N14	N10		180	Grating Angle	Beam	Double Angle (...	A36 Gr.36	Typical
4	M6	N16	N15		180	Grating Angle	Beam	Double Angle (...	A36 Gr.36	Typical
5	M7	N18	N17		180	Grating Angle	Beam	Double Angle (...	A36 Gr.36	Typical
6	M6A	N17	N15		270	Cross Members	Beam	Channel	A36 Gr.36	Typical
7	M7A	N16	N18		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
8	M18	N44	N46			RIGID	None	None	RIGID	Typical
9	M19	N43	N45			RIGID	None	None	RIGID	Typical
10	MP1A	N53	N54		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
11	M23A	N10	N17		270	Cross Members	Beam	Channel	A36 Gr.36	Typical
12	M24	N18	N14		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
13	M39A	N15	N10		270	Cross Members	Beam	Channel	A36 Gr.36	Typical
14	M40	N14	N16		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
15	M55	N78	N108A			Standoff_2	Beam	Tube	A500 Gr.B...	Typical
16	M56	N110	N110A			Standoff_2	Beam	Tube	A500 Gr.B...	Typical
17	M60A	N122	N121			MOD Face Ho...	Beam	Pipe	A53 Gr.B	Typical
18	M61	N14	N123		45	Corner Angle	Column	Single Angle	A36 Gr.36	Typical
19	M62	N16	N125		165	Corner Angle	Column	Single Angle	A36 Gr.36	Typical
20	M63	N18	N127		285	Corner Angle	Column	Single Angle	A36 Gr.36	Typical
21	M64	N125	N127		180	Support Rail	Beam	Pipe	A36 Gr.36	Typical
22	M25	N45A	N47			RIGID	None	None	RIGID	Typical
23	M26	N44A	N46A			RIGID	None	None	RIGID	Typical
24	MP2A	N48	N49		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
25	M28	N51	N52			RIGID	None	None	RIGID	Typical
26	M29	N54A	N56			RIGID	None	None	RIGID	Typical
27	M30	N53A	N55			RIGID	None	None	RIGID	Typical
28	MP3A	N57	N58		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
29	M32	N60	N61			RIGID	None	None	RIGID	Typical
30	M33	N63	N65			RIGID	None	None	RIGID	Typical
31	M34	N62	N64			RIGID	None	None	RIGID	Typical
32	MP4A	N66	N67A		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
33	M36	N69	N70			RIGID	None	None	RIGID	Typical
34	M37	N72	N74			RIGID	None	None	RIGID	Typical
35	M38A	N71	N73			RIGID	None	None	RIGID	Typical
36	M39	N75	N76		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
37	M40A	N78A	N79			RIGID	None	None	RIGID	Typical
38	M41	N81	N83			RIGID	None	None	RIGID	Typical
39	M42	N80	N82			RIGID	None	None	RIGID	Typical
40	MP5A	N84	N85		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
41	M45	N90	N91A			MOD Bracing	Beam	Pipe	A53 Gr.B	Typical
42	M46	N88	N91A			MOD Bracing	Beam	Pipe	A53 Gr.B	Typical
43	M48	N96	N98			RIGID	None	None	RIGID	Typical
44	M49	N95	N97			RIGID	None	None	RIGID	Typical
45	MP1C	N99	N100			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
46	M54A	N127	N123		180	Support Rail	Beam	Pipe	A36 Gr.36	Typical
47	M60	N119	N121A			RIGID	None	None	RIGID	Typical
48	M61A	N118	N120A			RIGID	None	None	RIGID	Typical
49	MP3C	N122A	N123A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
50	M63A	N125A	N126			RIGID	None	None	RIGID	Typical
51	M64A	N128	N130			RIGID	None	None	RIGID	Typical
52	M65	N127A	N129			RIGID	None	None	RIGID	Typical
53	MP4C	N131	N132			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
54	M67	N134	N135			RIGID	None	None	RIGID	Typical
55	M68	N137	N139			RIGID	None	None	RIGID	Typical
56	M69	N136	N138			RIGID	None	None	RIGID	Typical
57	M70	N140	N141		360	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
58	M71	N143	N144			RIGID	None	None	RIGID	Typical
59	M72	N146	N148			RIGID	None	None	RIGID	Typical
60	M73	N145	N147			RIGID	None	None	RIGID	Typical
61	MP5C	N149	N150			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
62	M82	N169	N168			MOD Face Ho...	Beam	Pipe	A53 Gr.B	Typical
63	M85	N123	N125		180	Support Rail	Beam	Pipe	A36 Gr.36	Typical
64	M91	N184	N186			RIGID	None	None	RIGID	Typical
65	M92	N183	N185			RIGID	None	None	RIGID	Typical
66	MP3B	N187	N188		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
67	M94	N190	N191			RIGID	None	None	RIGID	Typical
68	M95	N193	N195			RIGID	None	None	RIGID	Typical
69	M96	N192	N194			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
70	MP4B	N196	N197		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
71	M98	N199	N200			RIGID	None	None	RIGID	Typical
72	M99	N202	N204			RIGID	None	None	RIGID	Typical
73	M100	N201	N203			RIGID	None	None	RIGID	Typical
74	M101	N205	N206		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
75	M102	N208	N209			RIGID	None	None	RIGID	Typical
76	M103	N211	N213			RIGID	None	None	RIGID	Typical
77	M104	N210	N212			RIGID	None	None	RIGID	Typical
78	MP5B	N214	N215		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
79	M107A	N210A	N78			Standoff_1	Beam	Tube	A500 Gr.B...	Typical
80	M108A	N212A	N110			Standoff_1	Beam	Tube	A500 Gr.B...	Typical
81	M105	N155	N212B			MOD Bracing	Beam	Pipe	A53 Gr.B	Typical
82	M106A	N153	N212B			MOD Bracing	Beam	Pipe	A53 Gr.B	Typical
83	M107	N220	N215A			MOD Bracing	Beam	Pipe	A53 Gr.B	Typical
84	M108	N218	N215A			MOD Bracing	Beam	Pipe	A53 Gr.B	Typical
85	M109	N213A	N215B			RIGID	None	None	RIGID	Typical
86	M110	N212C	N214A			RIGID	None	None	RIGID	Typical
87	MP1B	N216	N217		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	M102A	N199A	N201A			RIGID	None	None	RIGID	Typical
89	M103A	N198A	N200A			RIGID	None	None	RIGID	Typical
90	MP2C	N202A	N203A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	M105A	N205A	N206A			RIGID	None	None	RIGID	Typical
92	M106	N208A	N210B			RIGID	None	None	RIGID	Typical
93	M107B	N207A	N209A			RIGID	None	None	RIGID	Typical
94	MP2B	N211A	N212D		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
95	M109A	N214B	N215C			RIGID	None	None	RIGID	Typical
96	M102B	N104	N198B			MOD Face Ho...	Beam	Pipe	A53 Gr.B	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	M2						Yes				None
3	M5						Yes				None
4	M6						Yes				None
5	M7						Yes				None
6	M6A						Yes				None
7	M7A						Yes				None
8	M18		OOOXOO				Yes	** NA **			None
9	M19		OOOXOO				Yes	** NA **			None
10	MP1A						Yes	** NA **			None
11	M23A						Yes				None
12	M24						Yes				None
13	M39A						Yes				None
14	M40						Yes				None
15	M55						Yes				None
16	M56						Yes				None
17	M60A						Yes				None
18	M61						Yes	** NA **			None
19	M62						Yes	** NA **			None
20	M63						Yes	** NA **			None
21	M64	OOOOXO	OOOOXO				Yes	Default			None
22	M25		OOOXOO				Yes	** NA **			None
23	M26		OOOXOO				Yes	** NA **			None
24	MP2A						Yes	** NA **			None
25	M28						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...
26	M29		OOOXOO				Yes	** NA **			None
27	M30		OOOXOO				Yes	** NA **			None
28	MP3A						Yes	** NA **			None
29	M32						Yes	** NA **			None
30	M33		OOOXOO				Yes	** NA **			None
31	M34		OOOXOO				Yes	** NA **			None
32	MP4A						Yes	** NA **			None
33	M36						Yes	** NA **			None
34	M37		OOOXOO				Yes	** NA **			None
35	M38A		OOOXOO				Yes	** NA **			None
36	M39						Yes	** NA **			None
37	M40A						Yes	** NA **			None
38	M41		OOOXOO				Yes	** NA **			None
39	M42		OOOXOO				Yes	** NA **			None
40	MP5A						Yes	** NA **			None
41	M45	BenPIN	BenPIN				Yes				None
42	M46	BenPIN	BenPIN				Yes				None
43	M48		OOOXOO				Yes	** NA **			None
44	M49		OOOXOO				Yes	** NA **			None
45	MP1C						Yes	** NA **			None
46	M54A	OOOOXO	OOOOXO				Yes	Default			None
47	M60		OOOXOO				Yes	** NA **			None
48	M61A		OOOXOO				Yes	** NA **			None
49	MP3C						Yes	** NA **			None
50	M63A						Yes	** NA **			None
51	M64A		OOOXOO				Yes	** NA **			None
52	M65		OOOXOO				Yes	** NA **			None
53	MP4C						Yes	** NA **			None
54	M67						Yes	** NA **			None
55	M68		OOOXOO				Yes	** NA **			None
56	M69		OOOXOO				Yes	** NA **			None
57	M70						Yes	** NA **			None
58	M71						Yes	** NA **			None
59	M72		OOOXOO				Yes	** NA **			None
60	M73		OOOXOO				Yes	** NA **			None
61	MP5C						Yes	** NA **			None
62	M82						Yes				None
63	M85	OOOOXO	OOOOXO				Yes	Default			None
64	M91		OOOXOO				Yes	** NA **			None
65	M92		OOOXOO				Yes	** NA **			None
66	MP3B						Yes	** NA **			None
67	M94						Yes	** NA **			None
68	M95		OOOXOO				Yes	** NA **			None
69	M96		OOOXOO				Yes	** NA **			None
70	MP4B						Yes	** NA **			None
71	M98						Yes	** NA **			None
72	M99		OOOXOO				Yes	** NA **			None
73	M100		OOOXOO				Yes	** NA **			None
74	M101						Yes	** NA **			None
75	M102						Yes	** NA **			None
76	M103		OOOXOO				Yes	** NA **			None
77	M104		OOOXOO				Yes	** NA **			None
78	MP5B						Yes	** NA **			None
79	M107A						Yes				None
80	M108A						Yes				None
81	M105	BenPIN	BenPIN				Yes				None
82	M106A	BenPIN	BenPIN				Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
83	M107	BenPIN	BenPIN				Yes				None
84	M108	BenPIN	BenPIN				Yes				None
85	M109		OOOXOO				Yes	** NA **			None
86	M110		OOOXOO				Yes	** NA **			None
87	MP1B						Yes	** NA **			None
88	M102A		OOOXOO				Yes	** NA **			None
89	M103A		OOOXOO				Yes	** NA **			None
90	MP2C						Yes	** NA **			None
91	M105A						Yes	** NA **			None
92	M106		OOOXOO				Yes	** NA **			None
93	M107B		OOOXOO				Yes	** NA **			None
94	MP2B						Yes	** NA **			None
95	M109A						Yes	** NA **			None
96	M102B						Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-6	.5
2	MP1A	My	-.007	.5
3	MP1A	Mz	0	.5
4	MP1A	Y	-6	3.5
5	MP1A	My	-.007	3.5
6	MP1A	Mz	0	3.5
7	MP1C	Y	-6	.5
8	MP1C	My	.004	.5
9	MP1C	Mz	.006	.5
10	MP1C	Y	-6	3.5
11	MP1C	My	.004	3.5
12	MP1C	Mz	.006	3.5
13	MP5A	Y	-6	.5
14	MP5A	My	-.007	.5
15	MP5A	Mz	0	.5
16	MP5A	Y	-6	3.5
17	MP5A	My	-.007	3.5
18	MP5A	Mz	0	3.5
19	MP5C	Y	-6	.5
20	MP5C	My	.004	.5
21	MP5C	Mz	.006	.5
22	MP5C	Y	-6	3.5
23	MP5C	My	.004	3.5
24	MP5C	Mz	.006	3.5
25	MP2A	Y	-10.4	3
26	MP2A	My	0	3
27	MP2A	Mz	-.003	3
28	MP2B	Y	-10.4	3
29	MP2B	My	.002	3
30	MP2B	Mz	.001	3
31	MP2C	Y	-10.4	3
32	MP2C	My	-.002	3
33	MP2C	Mz	.001	3
34	M39	Y	-18.9	3
35	M39	My	0	3
36	M39	Mz	0	3
37	MP2A	Y	-43.55	1
38	MP2A	My	-.022	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP2A	Mz	0	1
40	MP2A	Y	-43.55	3
41	MP2A	My	-.022	3
42	MP2A	Mz	0	3
43	MP2B	Y	-43.55	1
44	MP2B	My	.011	1
45	MP2B	Mz	-.019	1
46	MP2B	Y	-43.55	3
47	MP2B	My	.011	3
48	MP2B	Mz	-.019	3
49	MP2C	Y	-43.55	1
50	MP2C	My	.011	1
51	MP2C	Mz	.019	1
52	MP2C	Y	-43.55	3
53	MP2C	My	.011	3
54	MP2C	Mz	.019	3
55	MP4A	Y	-31.65	.5
56	MP4A	My	-.034	.5
57	MP4A	Mz	.018	.5
58	MP4A	Y	-31.65	4.5
59	MP4A	My	-.034	4.5
60	MP4A	Mz	.018	4.5
61	MP4B	Y	-31.65	.5
62	MP4B	My	.001	.5
63	MP4B	Mz	-.039	.5
64	MP4B	Y	-31.65	4.5
65	MP4B	My	.001	4.5
66	MP4B	Mz	-.039	4.5
67	MP4C	Y	-31.65	.5
68	MP4C	My	.033	.5
69	MP4C	Mz	.02	.5
70	MP4C	Y	-31.65	4.5
71	MP4C	My	.033	4.5
72	MP4C	Mz	.02	4.5
73	MP4A	Y	-31.65	.5
74	MP4A	My	-.034	.5
75	MP4A	Mz	-.018	.5
76	MP4A	Y	-31.65	4.5
77	MP4A	My	-.034	4.5
78	MP4A	Mz	-.018	4.5
79	MP4B	Y	-31.65	.5
80	MP4B	My	.033	.5
81	MP4B	Mz	-.02	.5
82	MP4B	Y	-31.65	4.5
83	MP4B	My	.033	4.5
84	MP4B	Mz	-.02	4.5
85	MP4C	Y	-31.65	.5
86	MP4C	My	.001	.5
87	MP4C	Mz	.039	.5
88	MP4C	Y	-31.65	4.5
89	MP4C	My	.001	4.5
90	MP4C	Mz	.039	4.5
91	MP1B	Y	-10	.5
92	MP1B	My	.006	.5
93	MP1B	Mz	-.011	.5
94	MP1B	Y	-10	3.5
95	MP1B	My	.006	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	MP1B	Mz	-.011	3.5
97	MP5B	Y	-10	.5
98	MP5B	My	.006	.5
99	MP5B	Mz	-.011	.5
100	MP5B	Y	-10	3.5
101	MP5B	My	.006	3.5
102	MP5B	Mz	-.011	3.5
103	MP4A	Y	-84.4	2
104	MP4A	My	.063	2
105	MP4A	Mz	0	2
106	MP4B	Y	-84.4	2
107	MP4B	My	-.032	2
108	MP4B	Mz	.055	2
109	MP4C	Y	-84.4	2
110	MP4C	My	-.032	2
111	MP4C	Mz	-.055	2
112	MP3A	Y	-70.3	2
113	MP3A	My	.047	2
114	MP3A	Mz	0	2
115	MP3B	Y	-70.3	2
116	MP3B	My	-.023	2
117	MP3B	Mz	.041	2
118	MP3C	Y	-70.3	2
119	MP3C	My	-.023	2
120	MP3C	Mz	-.041	2

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-40.543	.5
2	MP1A	My	-.051	.5
3	MP1A	Mz	0	.5
4	MP1A	Y	-40.543	3.5
5	MP1A	My	-.051	3.5
6	MP1A	Mz	0	3.5
7	MP1C	Y	-40.543	.5
8	MP1C	My	.025	.5
9	MP1C	Mz	.044	.5
10	MP1C	Y	-40.543	3.5
11	MP1C	My	.025	3.5
12	MP1C	Mz	.044	3.5
13	MP5A	Y	-40.543	.5
14	MP5A	My	-.051	.5
15	MP5A	Mz	0	.5
16	MP5A	Y	-40.543	3.5
17	MP5A	My	-.051	3.5
18	MP5A	Mz	0	3.5
19	MP5C	Y	-40.543	.5
20	MP5C	My	.025	.5
21	MP5C	Mz	.044	.5
22	MP5C	Y	-40.543	3.5
23	MP5C	My	.025	3.5
24	MP5C	Mz	.044	3.5
25	MP2A	Y	-10.816	3
26	MP2A	My	0	3
27	MP2A	Mz	-.003	3
28	MP2B	Y	-10.816	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	My	.002	3
30	MP2B	Mz	.001	3
31	MP2C	Y	-10.816	3
32	MP2C	My	-.002	3
33	MP2C	Mz	.001	3
34	M39	Y	-87.581	3
35	M39	My	0	3
36	M39	Mz	0	3
37	MP2A	Y	-35.831	1
38	MP2A	My	-.018	1
39	MP2A	Mz	0	1
40	MP2A	Y	-35.831	3
41	MP2A	My	-.018	3
42	MP2A	Mz	0	3
43	MP2B	Y	-35.831	1
44	MP2B	My	.009	1
45	MP2B	Mz	-.016	1
46	MP2B	Y	-35.831	3
47	MP2B	My	.009	3
48	MP2B	Mz	-.016	3
49	MP2C	Y	-35.831	1
50	MP2C	My	.009	1
51	MP2C	Mz	.016	1
52	MP2C	Y	-35.831	3
53	MP2C	My	.009	3
54	MP2C	Mz	.016	3
55	MP4A	Y	-70.368	.5
56	MP4A	My	-.076	.5
57	MP4A	Mz	.041	.5
58	MP4A	Y	-70.368	4.5
59	MP4A	My	-.076	4.5
60	MP4A	Mz	.041	4.5
61	MP4B	Y	-70.368	.5
62	MP4B	My	.003	.5
63	MP4B	Mz	-.087	.5
64	MP4B	Y	-70.368	4.5
65	MP4B	My	.003	4.5
66	MP4B	Mz	-.087	4.5
67	MP4C	Y	-70.368	.5
68	MP4C	My	.074	.5
69	MP4C	Mz	.045	.5
70	MP4C	Y	-70.368	4.5
71	MP4C	My	.074	4.5
72	MP4C	Mz	.045	4.5
73	MP4A	Y	-70.368	.5
74	MP4A	My	-.076	.5
75	MP4A	Mz	-.041	.5
76	MP4A	Y	-70.368	4.5
77	MP4A	My	-.076	4.5
78	MP4A	Mz	-.041	4.5
79	MP4B	Y	-70.368	.5
80	MP4B	My	.074	.5
81	MP4B	Mz	-.045	.5
82	MP4B	Y	-70.368	4.5
83	MP4B	My	.074	4.5
84	MP4B	Mz	-.045	4.5
85	MP4C	Y	-70.368	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP4C	My	.003	.5
87	MP4C	Mz	.087	.5
88	MP4C	Y	-70.368	4.5
89	MP4C	My	.003	4.5
90	MP4C	Mz	.087	4.5
91	MP1B	Y	-63.466	.5
92	MP1B	My	.04	.5
93	MP1B	Mz	-.069	.5
94	MP1B	Y	-63.466	3.5
95	MP1B	My	.04	3.5
96	MP1B	Mz	-.069	3.5
97	MP5B	Y	-63.466	.5
98	MP5B	My	.04	.5
99	MP5B	Mz	-.069	.5
100	MP5B	Y	-63.466	3.5
101	MP5B	My	.04	3.5
102	MP5B	Mz	-.069	3.5
103	MP4A	Y	-45.179	2
104	MP4A	My	.034	2
105	MP4A	Mz	0	2
106	MP4B	Y	-45.179	2
107	MP4B	My	-.017	2
108	MP4B	Mz	.029	2
109	MP4C	Y	-45.179	2
110	MP4C	My	-.017	2
111	MP4C	Mz	-.029	2
112	MP3A	Y	-40.632	2
113	MP3A	My	.027	2
114	MP3A	Mz	0	2
115	MP3B	Y	-40.632	2
116	MP3B	My	-.014	2
117	MP3B	Mz	.023	2
118	MP3C	Y	-40.632	2
119	MP3C	My	-.014	2
120	MP3C	Mz	-.023	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.5
2	MP1A	Z	-50.137	.5
3	MP1A	Mx	0	.5
4	MP1A	X	0	3.5
5	MP1A	Z	-50.137	3.5
6	MP1A	Mx	0	3.5
7	MP1C	X	0	.5
8	MP1C	Z	-90.316	.5
9	MP1C	Mx	-.098	.5
10	MP1C	X	0	3.5
11	MP1C	Z	-90.316	3.5
12	MP1C	Mx	-.098	3.5
13	MP5A	X	0	.5
14	MP5A	Z	-50.137	.5
15	MP5A	Mx	0	.5
16	MP5A	X	0	3.5
17	MP5A	Z	-50.137	3.5
18	MP5A	Mx	0	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP5C	X	0	.5
20	MP5C	Z	-90.316	.5
21	MP5C	Mx	-.098	.5
22	MP5C	X	0	3.5
23	MP5C	Z	-90.316	3.5
24	MP5C	Mx	-.098	3.5
25	MP2A	X	0	3
26	MP2A	Z	-14.215	3
27	MP2A	Mx	.004	3
28	MP2B	X	0	3
29	MP2B	Z	-10.93	3
30	MP2B	Mx	-.001	3
31	MP2C	X	0	3
32	MP2C	Z	-10.93	3
33	MP2C	Mx	-.001	3
34	M39	X	0	3
35	M39	Z	-181.167	3
36	M39	Mx	0	3
37	MP2A	X	0	1
38	MP2A	Z	-90.284	1
39	MP2A	Mx	0	1
40	MP2A	X	0	3
41	MP2A	Z	-90.284	3
42	MP2A	Mx	0	3
43	MP2B	X	0	1
44	MP2B	Z	-49.081	1
45	MP2B	Mx	.021	1
46	MP2B	X	0	3
47	MP2B	Z	-49.081	3
48	MP2B	Mx	.021	3
49	MP2C	X	0	1
50	MP2C	Z	-49.081	1
51	MP2C	Mx	-.021	1
52	MP2C	X	0	3
53	MP2C	Z	-49.081	3
54	MP2C	Mx	-.021	3
55	MP4A	X	0	.5
56	MP4A	Z	-174.998	.5
57	MP4A	Mx	-.102	.5
58	MP4A	X	0	4.5
59	MP4A	Z	-174.998	4.5
60	MP4A	Mx	-.102	4.5
61	MP4B	X	0	.5
62	MP4B	Z	-129.952	.5
63	MP4B	Mx	.16	.5
64	MP4B	X	0	4.5
65	MP4B	Z	-129.952	4.5
66	MP4B	Mx	.16	4.5
67	MP4C	X	0	.5
68	MP4C	Z	-129.952	.5
69	MP4C	Mx	-.084	.5
70	MP4C	X	0	4.5
71	MP4C	Z	-129.952	4.5
72	MP4C	Mx	-.084	4.5
73	MP4A	X	0	.5
74	MP4A	Z	-174.998	.5
75	MP4A	Mx	.102	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP4A	X	0	4.5
77	MP4A	Z	-174.998	4.5
78	MP4A	Mx	.102	4.5
79	MP4B	X	0	.5
80	MP4B	Z	-129.952	.5
81	MP4B	Mx	.084	.5
82	MP4B	X	0	4.5
83	MP4B	Z	-129.952	4.5
84	MP4B	Mx	.084	4.5
85	MP4C	X	0	.5
86	MP4C	Z	-129.952	.5
87	MP4C	Mx	-.16	.5
88	MP4C	X	0	4.5
89	MP4C	Z	-129.952	4.5
90	MP4C	Mx	-.16	4.5
91	MP1B	X	0	.5
92	MP1B	Z	-107.688	.5
93	MP1B	Mx	.117	.5
94	MP1B	X	0	3.5
95	MP1B	Z	-107.688	3.5
96	MP1B	Mx	.117	3.5
97	MP5B	X	0	.5
98	MP5B	Z	-107.688	.5
99	MP5B	Mx	.117	.5
100	MP5B	X	0	3.5
101	MP5B	Z	-107.688	3.5
102	MP5B	Mx	.117	3.5
103	MP4A	X	0	2
104	MP4A	Z	-71.843	2
105	MP4A	Mx	0	2
106	MP4B	X	0	2
107	MP4B	Z	-53.979	2
108	MP4B	Mx	-.035	2
109	MP4C	X	0	2
110	MP4C	Z	-53.979	2
111	MP4C	Mx	.035	2
112	MP3A	X	0	2
113	MP3A	Z	-71.843	2
114	MP3A	Mx	0	2
115	MP3B	X	0	2
116	MP3B	Z	-47.135	2
117	MP3B	Mx	-.027	2
118	MP3C	X	0	2
119	MP3C	Z	-47.135	2
120	MP3C	Mx	.027	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	31.765	.5
2	MP1A	Z	-55.018	.5
3	MP1A	Mx	-.04	.5
4	MP1A	X	31.765	3.5
5	MP1A	Z	-55.018	3.5
6	MP1A	Mx	-.04	3.5
7	MP1C	X	31.765	.5
8	MP1C	Z	-55.018	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1C	Mx	-.04	.5
10	MP1C	X	31.765	3.5
11	MP1C	Z	-55.018	3.5
12	MP1C	Mx	-.04	3.5
13	MP5A	X	31.765	.5
14	MP5A	Z	-55.018	.5
15	MP5A	Mx	-.04	.5
16	MP5A	X	31.765	3.5
17	MP5A	Z	-55.018	3.5
18	MP5A	Mx	-.04	3.5
19	MP5C	X	31.765	.5
20	MP5C	Z	-55.018	.5
21	MP5C	Mx	-.04	.5
22	MP5C	X	31.765	3.5
23	MP5C	Z	-55.018	3.5
24	MP5C	Mx	-.04	3.5
25	MP2A	X	6.56	3
26	MP2A	Z	-11.362	3
27	MP2A	Mx	.003	3
28	MP2B	X	4.918	3
29	MP2B	Z	-8.518	3
30	MP2B	Mx	0	3
31	MP2C	X	6.56	3
32	MP2C	Z	-11.362	3
33	MP2C	Mx	-.003	3
34	M39	X	69.982	3
35	M39	Z	-121.212	3
36	M39	Mx	0	3
37	MP2A	X	38.275	1
38	MP2A	Z	-66.294	1
39	MP2A	Mx	-.019	1
40	MP2A	X	38.275	3
41	MP2A	Z	-66.294	3
42	MP2A	Mx	-.019	3
43	MP2B	X	17.673	1
44	MP2B	Z	-30.611	1
45	MP2B	Mx	.018	1
46	MP2B	X	17.673	3
47	MP2B	Z	-30.611	3
48	MP2B	Mx	.018	3
49	MP2C	X	38.275	1
50	MP2C	Z	-66.294	1
51	MP2C	Mx	-.019	1
52	MP2C	X	38.275	3
53	MP2C	Z	-66.294	3
54	MP2C	Mx	-.019	3
55	MP4A	X	79.991	.5
56	MP4A	Z	-138.549	.5
57	MP4A	Mx	-.167	.5
58	MP4A	X	79.991	4.5
59	MP4A	Z	-138.549	4.5
60	MP4A	Mx	-.167	4.5
61	MP4B	X	57.468	.5
62	MP4B	Z	-99.538	.5
63	MP4B	Mx	.125	.5
64	MP4B	X	57.468	4.5
65	MP4B	Z	-99.538	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP4B	Mx	.125	4.5
67	MP4C	X	79.991	.5
68	MP4C	Z	-138.549	.5
69	MP4C	Mx	-.006	.5
70	MP4C	X	79.991	4.5
71	MP4C	Z	-138.549	4.5
72	MP4C	Mx	-.006	4.5
73	MP4A	X	79.991	.5
74	MP4A	Z	-138.549	.5
75	MP4A	Mx	-.006	.5
76	MP4A	X	79.991	4.5
77	MP4A	Z	-138.549	4.5
78	MP4A	Mx	-.006	4.5
79	MP4B	X	57.468	.5
80	MP4B	Z	-99.538	.5
81	MP4B	Mx	.125	.5
82	MP4B	X	57.468	4.5
83	MP4B	Z	-99.538	4.5
84	MP4B	Mx	.125	4.5
85	MP4C	X	79.991	.5
86	MP4C	Z	-138.549	.5
87	MP4C	Mx	-.167	.5
88	MP4C	X	79.991	4.5
89	MP4C	Z	-138.549	4.5
90	MP4C	Mx	-.167	4.5
91	MP1B	X	52.102	.5
92	MP1B	Z	-90.244	.5
93	MP1B	Mx	.13	.5
94	MP1B	X	52.102	3.5
95	MP1B	Z	-90.244	3.5
96	MP1B	Mx	.13	3.5
97	MP5B	X	52.102	.5
98	MP5B	Z	-90.244	.5
99	MP5B	Mx	.13	.5
100	MP5B	X	52.102	3.5
101	MP5B	Z	-90.244	3.5
102	MP5B	Mx	.13	3.5
103	MP4A	X	32.944	2
104	MP4A	Z	-57.061	2
105	MP4A	Mx	.025	2
106	MP4B	X	24.012	2
107	MP4B	Z	-41.59	2
108	MP4B	Mx	-.036	2
109	MP4C	X	32.944	2
110	MP4C	Z	-57.061	2
111	MP4C	Mx	.025	2
112	MP3A	X	31.804	2
113	MP3A	Z	-55.085	2
114	MP3A	Mx	.021	2
115	MP3B	X	19.45	2
116	MP3B	Z	-33.688	2
117	MP3B	Mx	-.026	2
118	MP3C	X	31.804	2
119	MP3C	Z	-55.085	2
120	MP3C	Mx	.021	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	78.216	.5
2	MP1A	Z	-45.158	.5
3	MP1A	Mx	-.098	.5
4	MP1A	X	78.216	3.5
5	MP1A	Z	-45.158	3.5
6	MP1A	Mx	-.098	3.5
7	MP1C	X	43.42	.5
8	MP1C	Z	-25.068	.5
9	MP1C	Mx	1e-6	.5
10	MP1C	X	43.42	3.5
11	MP1C	Z	-25.068	3.5
12	MP1C	Mx	1e-6	3.5
13	MP5A	X	78.216	.5
14	MP5A	Z	-45.158	.5
15	MP5A	Mx	-.098	.5
16	MP5A	X	78.216	3.5
17	MP5A	Z	-45.158	3.5
18	MP5A	Mx	-.098	3.5
19	MP5C	X	43.42	.5
20	MP5C	Z	-25.068	.5
21	MP5C	Mx	1e-6	.5
22	MP5C	X	43.42	3.5
23	MP5C	Z	-25.068	3.5
24	MP5C	Mx	1e-6	3.5
25	MP2A	X	9.466	3
26	MP2A	Z	-5.465	3
27	MP2A	Mx	.001	3
28	MP2B	X	9.466	3
29	MP2B	Z	-5.465	3
30	MP2B	Mx	.001	3
31	MP2C	X	12.311	3
32	MP2C	Z	-7.107	3
33	MP2C	Mx	-.004	3
34	M39	X	77.441	3
35	M39	Z	-44.711	3
36	M39	Mx	0	3
37	MP2A	X	42.505	1
38	MP2A	Z	-24.54	1
39	MP2A	Mx	-.021	1
40	MP2A	X	42.505	3
41	MP2A	Z	-24.54	3
42	MP2A	Mx	-.021	3
43	MP2B	X	42.505	1
44	MP2B	Z	-24.54	1
45	MP2B	Mx	.021	1
46	MP2B	X	42.505	3
47	MP2B	Z	-24.54	3
48	MP2B	Mx	.021	3
49	MP2C	X	78.189	1
50	MP2C	Z	-45.142	1
51	MP2C	Mx	0	1
52	MP2C	X	78.189	3
53	MP2C	Z	-45.142	3
54	MP2C	Mx	0	3
55	MP4A	X	112.542	.5
56	MP4A	Z	-64.976	.5
57	MP4A	Mx	-.16	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	112.542	4.5
59	MP4A	Z	-64.976	4.5
60	MP4A	Mx	-.16	4.5
61	MP4B	X	112.542	.5
62	MP4B	Z	-64.976	.5
63	MP4B	Mx	.084	.5
64	MP4B	X	112.542	4.5
65	MP4B	Z	-64.976	4.5
66	MP4B	Mx	.084	4.5
67	MP4C	X	151.553	.5
68	MP4C	Z	-87.499	.5
69	MP4C	Mx	.102	.5
70	MP4C	X	151.553	4.5
71	MP4C	Z	-87.499	4.5
72	MP4C	Mx	.102	4.5
73	MP4A	X	112.542	.5
74	MP4A	Z	-64.976	.5
75	MP4A	Mx	-.084	.5
76	MP4A	X	112.542	4.5
77	MP4A	Z	-64.976	4.5
78	MP4A	Mx	-.084	4.5
79	MP4B	X	112.542	.5
80	MP4B	Z	-64.976	.5
81	MP4B	Mx	.16	.5
82	MP4B	X	112.542	4.5
83	MP4B	Z	-64.976	4.5
84	MP4B	Mx	.16	4.5
85	MP4C	X	151.553	.5
86	MP4C	Z	-87.499	.5
87	MP4C	Mx	-.102	.5
88	MP4C	X	151.553	4.5
89	MP4C	Z	-87.499	4.5
90	MP4C	Mx	-.102	4.5
91	MP1B	X	93.261	.5
92	MP1B	Z	-53.844	.5
93	MP1B	Mx	.117	.5
94	MP1B	X	93.261	3.5
95	MP1B	Z	-53.844	3.5
96	MP1B	Mx	.117	3.5
97	MP5B	X	93.261	.5
98	MP5B	Z	-53.844	.5
99	MP5B	Mx	.117	.5
100	MP5B	X	93.261	3.5
101	MP5B	Z	-53.844	3.5
102	MP5B	Mx	.117	3.5
103	MP4A	X	46.747	2
104	MP4A	Z	-26.989	2
105	MP4A	Mx	.035	2
106	MP4B	X	46.747	2
107	MP4B	Z	-26.989	2
108	MP4B	Mx	-.035	2
109	MP4C	X	62.218	2
110	MP4C	Z	-35.922	2
111	MP4C	Mx	0	2
112	MP3A	X	40.82	2
113	MP3A	Z	-23.568	2
114	MP3A	Mx	.027	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP3B	X	40.82	2
116	MP3B	Z	-23.568	2
117	MP3B	Mx	-.027	2
118	MP3C	X	62.218	2
119	MP3C	Z	-35.922	2
120	MP3C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	103.709	.5
2	MP1A	Z	0	.5
3	MP1A	Mx	-.13	.5
4	MP1A	X	103.709	3.5
5	MP1A	Z	0	3.5
6	MP1A	Mx	-.13	3.5
7	MP1C	X	63.53	.5
8	MP1C	Z	0	.5
9	MP1C	Mx	.04	.5
10	MP1C	X	63.53	3.5
11	MP1C	Z	0	3.5
12	MP1C	Mx	.04	3.5
13	MP5A	X	103.709	.5
14	MP5A	Z	0	.5
15	MP5A	Mx	-.13	.5
16	MP5A	X	103.709	3.5
17	MP5A	Z	0	3.5
18	MP5A	Mx	-.13	3.5
19	MP5C	X	63.53	.5
20	MP5C	Z	0	.5
21	MP5C	Mx	.04	.5
22	MP5C	X	63.53	3.5
23	MP5C	Z	0	3.5
24	MP5C	Mx	.04	3.5
25	MP2A	X	9.835	3
26	MP2A	Z	0	3
27	MP2A	Mx	0	3
28	MP2B	X	13.12	3
29	MP2B	Z	0	3
30	MP2B	Mx	.003	3
31	MP2C	X	13.12	3
32	MP2C	Z	0	3
33	MP2C	Mx	-.003	3
34	M39	X	80.081	3
35	M39	Z	0	3
36	M39	Mx	0	3
37	MP2A	X	35.346	1
38	MP2A	Z	0	1
39	MP2A	Mx	-.018	1
40	MP2A	X	35.346	3
41	MP2A	Z	0	3
42	MP2A	Mx	-.018	3
43	MP2B	X	76.55	1
44	MP2B	Z	0	1
45	MP2B	Mx	.019	1
46	MP2B	X	76.55	3
47	MP2B	Z	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2B	Mx	.019	3
49	MP2C	X	76.55	1
50	MP2C	Z	0	1
51	MP2C	Mx	.019	1
52	MP2C	X	76.55	3
53	MP2C	Z	0	3
54	MP2C	Mx	.019	3
55	MP4A	X	114.936	.5
56	MP4A	Z	0	.5
57	MP4A	Mx	-.125	.5
58	MP4A	X	114.936	4.5
59	MP4A	Z	0	4.5
60	MP4A	Mx	-.125	4.5
61	MP4B	X	159.983	.5
62	MP4B	Z	0	.5
63	MP4B	Mx	.006	.5
64	MP4B	X	159.983	4.5
65	MP4B	Z	0	4.5
66	MP4B	Mx	.006	4.5
67	MP4C	X	159.983	.5
68	MP4C	Z	0	.5
69	MP4C	Mx	.167	.5
70	MP4C	X	159.983	4.5
71	MP4C	Z	0	4.5
72	MP4C	Mx	.167	4.5
73	MP4A	X	114.936	.5
74	MP4A	Z	0	.5
75	MP4A	Mx	-.125	.5
76	MP4A	X	114.936	4.5
77	MP4A	Z	0	4.5
78	MP4A	Mx	-.125	4.5
79	MP4B	X	159.983	.5
80	MP4B	Z	0	.5
81	MP4B	Mx	.167	.5
82	MP4B	X	159.983	4.5
83	MP4B	Z	0	4.5
84	MP4B	Mx	.167	4.5
85	MP4C	X	159.983	.5
86	MP4C	Z	0	.5
87	MP4C	Mx	.006	.5
88	MP4C	X	159.983	4.5
89	MP4C	Z	0	4.5
90	MP4C	Mx	.006	4.5
91	MP1B	X	114.655	.5
92	MP1B	Z	0	.5
93	MP1B	Mx	.072	.5
94	MP1B	X	114.655	3.5
95	MP1B	Z	0	3.5
96	MP1B	Mx	.072	3.5
97	MP5B	X	114.655	.5
98	MP5B	Z	0	.5
99	MP5B	Mx	.072	.5
100	MP5B	X	114.655	3.5
101	MP5B	Z	0	3.5
102	MP5B	Mx	.072	3.5
103	MP4A	X	48.024	2
104	MP4A	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4A	Mx	.036	2
106	MP4B	X	65.888	2
107	MP4B	Z	0	2
108	MP4B	Mx	-.025	2
109	MP4C	X	65.888	2
110	MP4C	Z	0	2
111	MP4C	Mx	-.025	2
112	MP3A	X	38.899	2
113	MP3A	Z	0	2
114	MP3A	Mx	.026	2
115	MP3B	X	63.607	2
116	MP3B	Z	0	2
117	MP3B	Mx	-.021	2
118	MP3C	X	63.607	2
119	MP3C	Z	0	2
120	MP3C	Mx	-.021	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	78.216	.5
2	MP1A	Z	45.158	.5
3	MP1A	Mx	-.098	.5
4	MP1A	X	78.216	3.5
5	MP1A	Z	45.158	3.5
6	MP1A	Mx	-.098	3.5
7	MP1C	X	78.216	.5
8	MP1C	Z	45.158	.5
9	MP1C	Mx	.098	.5
10	MP1C	X	78.216	3.5
11	MP1C	Z	45.158	3.5
12	MP1C	Mx	.098	3.5
13	MP5A	X	78.216	.5
14	MP5A	Z	45.158	.5
15	MP5A	Mx	-.098	.5
16	MP5A	X	78.216	3.5
17	MP5A	Z	45.158	3.5
18	MP5A	Mx	-.098	3.5
19	MP5C	X	78.216	.5
20	MP5C	Z	45.158	.5
21	MP5C	Mx	.098	.5
22	MP5C	X	78.216	3.5
23	MP5C	Z	45.158	3.5
24	MP5C	Mx	.098	3.5
25	MP2A	X	9.466	3
26	MP2A	Z	5.465	3
27	MP2A	Mx	-.001	3
28	MP2B	X	12.311	3
29	MP2B	Z	7.107	3
30	MP2B	Mx	.004	3
31	MP2C	X	9.466	3
32	MP2C	Z	5.465	3
33	MP2C	Mx	-.001	3
34	M39	X	105.035	3
35	M39	Z	60.642	3
36	M39	Mx	0	3
37	MP2A	X	42.505	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	24.54	1
39	MP2A	Mx	-.021	1
40	MP2A	X	42.505	3
41	MP2A	Z	24.54	3
42	MP2A	Mx	-.021	3
43	MP2B	X	78.189	1
44	MP2B	Z	45.142	1
45	MP2B	Mx	0	1
46	MP2B	X	78.189	3
47	MP2B	Z	45.142	3
48	MP2B	Mx	0	3
49	MP2C	X	42.505	1
50	MP2C	Z	24.54	1
51	MP2C	Mx	.021	1
52	MP2C	X	42.505	3
53	MP2C	Z	24.54	3
54	MP2C	Mx	.021	3
55	MP4A	X	112.542	.5
56	MP4A	Z	64.976	.5
57	MP4A	Mx	-.084	.5
58	MP4A	X	112.542	4.5
59	MP4A	Z	64.976	4.5
60	MP4A	Mx	-.084	4.5
61	MP4B	X	151.553	.5
62	MP4B	Z	87.499	.5
63	MP4B	Mx	-.102	.5
64	MP4B	X	151.553	4.5
65	MP4B	Z	87.499	4.5
66	MP4B	Mx	-.102	4.5
67	MP4C	X	112.542	.5
68	MP4C	Z	64.976	.5
69	MP4C	Mx	.16	.5
70	MP4C	X	112.542	4.5
71	MP4C	Z	64.976	4.5
72	MP4C	Mx	.16	4.5
73	MP4A	X	112.542	.5
74	MP4A	Z	64.976	.5
75	MP4A	Mx	-.16	.5
76	MP4A	X	112.542	4.5
77	MP4A	Z	64.976	4.5
78	MP4A	Mx	-.16	4.5
79	MP4B	X	151.553	.5
80	MP4B	Z	87.499	.5
81	MP4B	Mx	.102	.5
82	MP4B	X	151.553	4.5
83	MP4B	Z	87.499	4.5
84	MP4B	Mx	.102	4.5
85	MP4C	X	112.542	.5
86	MP4C	Z	64.976	.5
87	MP4C	Mx	.084	.5
88	MP4C	X	112.542	4.5
89	MP4C	Z	64.976	4.5
90	MP4C	Mx	.084	4.5
91	MP1B	X	102.311	.5
92	MP1B	Z	59.069	.5
93	MP1B	Mx	0	.5
94	MP1B	X	102.311	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP1B	Z	59.069	3.5
96	MP1B	Mx	0	3.5
97	MP5B	X	102.311	.5
98	MP5B	Z	59.069	.5
99	MP5B	Mx	0	.5
100	MP5B	X	102.311	3.5
101	MP5B	Z	59.069	3.5
102	MP5B	Mx	0	3.5
103	MP4A	X	46.747	2
104	MP4A	Z	26.989	2
105	MP4A	Mx	.035	2
106	MP4B	X	62.218	2
107	MP4B	Z	35.922	2
108	MP4B	Mx	0	2
109	MP4C	X	46.747	2
110	MP4C	Z	26.989	2
111	MP4C	Mx	-.035	2
112	MP3A	X	40.82	2
113	MP3A	Z	23.568	2
114	MP3A	Mx	.027	2
115	MP3B	X	62.218	2
116	MP3B	Z	35.922	2
117	MP3B	Mx	0	2
118	MP3C	X	40.82	2
119	MP3C	Z	23.568	2
120	MP3C	Mx	-.027	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	31.765	.5
2	MP1A	Z	55.018	.5
3	MP1A	Mx	-.04	.5
4	MP1A	X	31.765	3.5
5	MP1A	Z	55.018	3.5
6	MP1A	Mx	-.04	3.5
7	MP1C	X	51.855	.5
8	MP1C	Z	89.815	.5
9	MP1C	Mx	.13	.5
10	MP1C	X	51.855	3.5
11	MP1C	Z	89.815	3.5
12	MP1C	Mx	.13	3.5
13	MP5A	X	31.765	.5
14	MP5A	Z	55.018	.5
15	MP5A	Mx	-.04	.5
16	MP5A	X	31.765	3.5
17	MP5A	Z	55.018	3.5
18	MP5A	Mx	-.04	3.5
19	MP5C	X	51.855	.5
20	MP5C	Z	89.815	.5
21	MP5C	Mx	.13	.5
22	MP5C	X	51.855	3.5
23	MP5C	Z	89.815	3.5
24	MP5C	Mx	.13	3.5
25	MP2A	X	6.56	3
26	MP2A	Z	11.362	3
27	MP2A	Mx	-.003	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP2B	X	6.56	3
29	MP2B	Z	11.362	3
30	MP2B	Mx	.003	3
31	MP2C	X	4.918	3
32	MP2C	Z	8.518	3
33	MP2C	Mx	0	3
34	M39	X	85.913	3
35	M39	Z	148.807	3
36	M39	Mx	0	3
37	MP2A	X	38.275	1
38	MP2A	Z	66.294	1
39	MP2A	Mx	-.019	1
40	MP2A	X	38.275	3
41	MP2A	Z	66.294	3
42	MP2A	Mx	-.019	3
43	MP2B	X	38.275	1
44	MP2B	Z	66.294	1
45	MP2B	Mx	-.019	1
46	MP2B	X	38.275	3
47	MP2B	Z	66.294	3
48	MP2B	Mx	-.019	3
49	MP2C	X	17.673	1
50	MP2C	Z	30.611	1
51	MP2C	Mx	.018	1
52	MP2C	X	17.673	3
53	MP2C	Z	30.611	3
54	MP2C	Mx	.018	3
55	MP4A	X	79.991	.5
56	MP4A	Z	138.549	.5
57	MP4A	Mx	-.006	.5
58	MP4A	X	79.991	4.5
59	MP4A	Z	138.549	4.5
60	MP4A	Mx	-.006	4.5
61	MP4B	X	79.991	.5
62	MP4B	Z	138.549	.5
63	MP4B	Mx	-.167	.5
64	MP4B	X	79.991	4.5
65	MP4B	Z	138.549	4.5
66	MP4B	Mx	-.167	4.5
67	MP4C	X	57.468	.5
68	MP4C	Z	99.538	.5
69	MP4C	Mx	.125	.5
70	MP4C	X	57.468	4.5
71	MP4C	Z	99.538	4.5
72	MP4C	Mx	.125	4.5
73	MP4A	X	79.991	.5
74	MP4A	Z	138.549	.5
75	MP4A	Mx	-.167	.5
76	MP4A	X	79.991	4.5
77	MP4A	Z	138.549	4.5
78	MP4A	Mx	-.167	4.5
79	MP4B	X	79.991	.5
80	MP4B	Z	138.549	.5
81	MP4B	Mx	-.006	.5
82	MP4B	X	79.991	4.5
83	MP4B	Z	138.549	4.5
84	MP4B	Mx	-.006	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP4C	X	57.468	.5
86	MP4C	Z	99.538	.5
87	MP4C	Mx	.125	.5
88	MP4C	X	57.468	4.5
89	MP4C	Z	99.538	4.5
90	MP4C	Mx	.125	4.5
91	MP1B	X	57.327	.5
92	MP1B	Z	99.294	.5
93	MP1B	Mx	-.072	.5
94	MP1B	X	57.327	3.5
95	MP1B	Z	99.294	3.5
96	MP1B	Mx	-.072	3.5
97	MP5B	X	57.327	.5
98	MP5B	Z	99.294	.5
99	MP5B	Mx	-.072	.5
100	MP5B	X	57.327	3.5
101	MP5B	Z	99.294	3.5
102	MP5B	Mx	-.072	3.5
103	MP4A	X	32.944	2
104	MP4A	Z	57.061	2
105	MP4A	Mx	.025	2
106	MP4B	X	32.944	2
107	MP4B	Z	57.061	2
108	MP4B	Mx	.025	2
109	MP4C	X	24.012	2
110	MP4C	Z	41.59	2
111	MP4C	Mx	-.036	2
112	MP3A	X	31.804	2
113	MP3A	Z	55.085	2
114	MP3A	Mx	.021	2
115	MP3B	X	31.804	2
116	MP3B	Z	55.085	2
117	MP3B	Mx	.021	2
118	MP3C	X	19.45	2
119	MP3C	Z	33.688	2
120	MP3C	Mx	-.026	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.5
2	MP1A	Z	50.137	.5
3	MP1A	Mx	0	.5
4	MP1A	X	0	3.5
5	MP1A	Z	50.137	3.5
6	MP1A	Mx	0	3.5
7	MP1C	X	0	.5
8	MP1C	Z	90.316	.5
9	MP1C	Mx	.098	.5
10	MP1C	X	0	3.5
11	MP1C	Z	90.316	3.5
12	MP1C	Mx	.098	3.5
13	MP5A	X	0	.5
14	MP5A	Z	50.137	.5
15	MP5A	Mx	0	.5
16	MP5A	X	0	3.5
17	MP5A	Z	50.137	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP5A	Mx	0	3.5
19	MP5C	X	0	.5
20	MP5C	Z	90.316	.5
21	MP5C	Mx	.098	.5
22	MP5C	X	0	3.5
23	MP5C	Z	90.316	3.5
24	MP5C	Mx	.098	3.5
25	MP2A	X	0	3
26	MP2A	Z	14.215	3
27	MP2A	Mx	-.004	3
28	MP2B	X	0	3
29	MP2B	Z	10.93	3
30	MP2B	Mx	.001	3
31	MP2C	X	0	3
32	MP2C	Z	10.93	3
33	MP2C	Mx	.001	3
34	M39	X	0	3
35	M39	Z	181.167	3
36	M39	Mx	0	3
37	MP2A	X	0	1
38	MP2A	Z	90.284	1
39	MP2A	Mx	0	1
40	MP2A	X	0	3
41	MP2A	Z	90.284	3
42	MP2A	Mx	0	3
43	MP2B	X	0	1
44	MP2B	Z	49.081	1
45	MP2B	Mx	-.021	1
46	MP2B	X	0	3
47	MP2B	Z	49.081	3
48	MP2B	Mx	-.021	3
49	MP2C	X	0	1
50	MP2C	Z	49.081	1
51	MP2C	Mx	.021	1
52	MP2C	X	0	3
53	MP2C	Z	49.081	3
54	MP2C	Mx	.021	3
55	MP4A	X	0	.5
56	MP4A	Z	174.998	.5
57	MP4A	Mx	.102	.5
58	MP4A	X	0	4.5
59	MP4A	Z	174.998	4.5
60	MP4A	Mx	.102	4.5
61	MP4B	X	0	.5
62	MP4B	Z	129.952	.5
63	MP4B	Mx	-.16	.5
64	MP4B	X	0	4.5
65	MP4B	Z	129.952	4.5
66	MP4B	Mx	-.16	4.5
67	MP4C	X	0	.5
68	MP4C	Z	129.952	.5
69	MP4C	Mx	.084	.5
70	MP4C	X	0	4.5
71	MP4C	Z	129.952	4.5
72	MP4C	Mx	.084	4.5
73	MP4A	X	0	.5
74	MP4A	Z	174.998	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP4A	Mx	-.102	.5
76	MP4A	X	0	4.5
77	MP4A	Z	174.998	4.5
78	MP4A	Mx	-.102	4.5
79	MP4B	X	0	.5
80	MP4B	Z	129.952	.5
81	MP4B	Mx	-.084	.5
82	MP4B	X	0	4.5
83	MP4B	Z	129.952	4.5
84	MP4B	Mx	-.084	4.5
85	MP4C	X	0	.5
86	MP4C	Z	129.952	.5
87	MP4C	Mx	.16	.5
88	MP4C	X	0	4.5
89	MP4C	Z	129.952	4.5
90	MP4C	Mx	.16	4.5
91	MP1B	X	0	.5
92	MP1B	Z	107.688	.5
93	MP1B	Mx	-.117	.5
94	MP1B	X	0	3.5
95	MP1B	Z	107.688	3.5
96	MP1B	Mx	-.117	3.5
97	MP5B	X	0	.5
98	MP5B	Z	107.688	.5
99	MP5B	Mx	-.117	.5
100	MP5B	X	0	3.5
101	MP5B	Z	107.688	3.5
102	MP5B	Mx	-.117	3.5
103	MP4A	X	0	2
104	MP4A	Z	71.843	2
105	MP4A	Mx	0	2
106	MP4B	X	0	2
107	MP4B	Z	53.979	2
108	MP4B	Mx	.035	2
109	MP4C	X	0	2
110	MP4C	Z	53.979	2
111	MP4C	Mx	-.035	2
112	MP3A	X	0	2
113	MP3A	Z	71.843	2
114	MP3A	Mx	0	2
115	MP3B	X	0	2
116	MP3B	Z	47.135	2
117	MP3B	Mx	.027	2
118	MP3C	X	0	2
119	MP3C	Z	47.135	2
120	MP3C	Mx	-.027	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-31.765	.5
2	MP1A	Z	55.018	.5
3	MP1A	Mx	.04	.5
4	MP1A	X	-31.765	3.5
5	MP1A	Z	55.018	3.5
6	MP1A	Mx	.04	3.5
7	MP1C	X	-31.765	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1C	Z	55.018	.5
9	MP1C	Mx	.04	.5
10	MP1C	X	-31.765	3.5
11	MP1C	Z	55.018	3.5
12	MP1C	Mx	.04	3.5
13	MP5A	X	-31.765	.5
14	MP5A	Z	55.018	.5
15	MP5A	Mx	.04	.5
16	MP5A	X	-31.765	3.5
17	MP5A	Z	55.018	3.5
18	MP5A	Mx	.04	3.5
19	MP5C	X	-31.765	.5
20	MP5C	Z	55.018	.5
21	MP5C	Mx	.04	.5
22	MP5C	X	-31.765	3.5
23	MP5C	Z	55.018	3.5
24	MP5C	Mx	.04	3.5
25	MP2A	X	-6.56	3
26	MP2A	Z	11.362	3
27	MP2A	Mx	-.003	3
28	MP2B	X	-4.918	3
29	MP2B	Z	8.518	3
30	MP2B	Mx	0	3
31	MP2C	X	-6.56	3
32	MP2C	Z	11.362	3
33	MP2C	Mx	.003	3
34	M39	X	-69.982	3
35	M39	Z	121.212	3
36	M39	Mx	0	3
37	MP2A	X	-38.275	1
38	MP2A	Z	66.294	1
39	MP2A	Mx	.019	1
40	MP2A	X	-38.275	3
41	MP2A	Z	66.294	3
42	MP2A	Mx	.019	3
43	MP2B	X	-17.673	1
44	MP2B	Z	30.611	1
45	MP2B	Mx	-.018	1
46	MP2B	X	-17.673	3
47	MP2B	Z	30.611	3
48	MP2B	Mx	-.018	3
49	MP2C	X	-38.275	1
50	MP2C	Z	66.294	1
51	MP2C	Mx	.019	1
52	MP2C	X	-38.275	3
53	MP2C	Z	66.294	3
54	MP2C	Mx	.019	3
55	MP4A	X	-79.991	.5
56	MP4A	Z	138.549	.5
57	MP4A	Mx	.167	.5
58	MP4A	X	-79.991	4.5
59	MP4A	Z	138.549	4.5
60	MP4A	Mx	.167	4.5
61	MP4B	X	-57.468	.5
62	MP4B	Z	99.538	.5
63	MP4B	Mx	-.125	.5
64	MP4B	X	-57.468	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP4B	Z	99.538	4.5
66	MP4B	Mx	-.125	4.5
67	MP4C	X	-79.991	.5
68	MP4C	Z	138.549	.5
69	MP4C	Mx	.006	.5
70	MP4C	X	-79.991	4.5
71	MP4C	Z	138.549	4.5
72	MP4C	Mx	.006	4.5
73	MP4A	X	-79.991	.5
74	MP4A	Z	138.549	.5
75	MP4A	Mx	.006	.5
76	MP4A	X	-79.991	4.5
77	MP4A	Z	138.549	4.5
78	MP4A	Mx	.006	4.5
79	MP4B	X	-57.468	.5
80	MP4B	Z	99.538	.5
81	MP4B	Mx	-.125	.5
82	MP4B	X	-57.468	4.5
83	MP4B	Z	99.538	4.5
84	MP4B	Mx	-.125	4.5
85	MP4C	X	-79.991	.5
86	MP4C	Z	138.549	.5
87	MP4C	Mx	.167	.5
88	MP4C	X	-79.991	4.5
89	MP4C	Z	138.549	4.5
90	MP4C	Mx	.167	4.5
91	MP1B	X	-52.102	.5
92	MP1B	Z	90.244	.5
93	MP1B	Mx	-.13	.5
94	MP1B	X	-52.102	3.5
95	MP1B	Z	90.244	3.5
96	MP1B	Mx	-.13	3.5
97	MP5B	X	-52.102	.5
98	MP5B	Z	90.244	.5
99	MP5B	Mx	-.13	.5
100	MP5B	X	-52.102	3.5
101	MP5B	Z	90.244	3.5
102	MP5B	Mx	-.13	3.5
103	MP4A	X	-32.944	2
104	MP4A	Z	57.061	2
105	MP4A	Mx	-.025	2
106	MP4B	X	-24.012	2
107	MP4B	Z	41.59	2
108	MP4B	Mx	.036	2
109	MP4C	X	-32.944	2
110	MP4C	Z	57.061	2
111	MP4C	Mx	-.025	2
112	MP3A	X	-31.804	2
113	MP3A	Z	55.085	2
114	MP3A	Mx	-.021	2
115	MP3B	X	-19.45	2
116	MP3B	Z	33.688	2
117	MP3B	Mx	.026	2
118	MP3C	X	-31.804	2
119	MP3C	Z	55.085	2
120	MP3C	Mx	-.021	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-78.216	.5
2	MP1A	Z	45.158	.5
3	MP1A	Mx	.098	.5
4	MP1A	X	-78.216	3.5
5	MP1A	Z	45.158	3.5
6	MP1A	Mx	.098	3.5
7	MP1C	X	-43.42	.5
8	MP1C	Z	25.068	.5
9	MP1C	Mx	-1e-6	.5
10	MP1C	X	-43.42	3.5
11	MP1C	Z	25.068	3.5
12	MP1C	Mx	-1e-6	3.5
13	MP5A	X	-78.216	.5
14	MP5A	Z	45.158	.5
15	MP5A	Mx	.098	.5
16	MP5A	X	-78.216	3.5
17	MP5A	Z	45.158	3.5
18	MP5A	Mx	.098	3.5
19	MP5C	X	-43.42	.5
20	MP5C	Z	25.068	.5
21	MP5C	Mx	-1e-6	.5
22	MP5C	X	-43.42	3.5
23	MP5C	Z	25.068	3.5
24	MP5C	Mx	-1e-6	3.5
25	MP2A	X	-9.466	3
26	MP2A	Z	5.465	3
27	MP2A	Mx	-.001	3
28	MP2B	X	-9.466	3
29	MP2B	Z	5.465	3
30	MP2B	Mx	-.001	3
31	MP2C	X	-12.311	3
32	MP2C	Z	7.107	3
33	MP2C	Mx	.004	3
34	M39	X	-77.441	3
35	M39	Z	44.711	3
36	M39	Mx	0	3
37	MP2A	X	-42.505	1
38	MP2A	Z	24.54	1
39	MP2A	Mx	.021	1
40	MP2A	X	-42.505	3
41	MP2A	Z	24.54	3
42	MP2A	Mx	.021	3
43	MP2B	X	-42.505	1
44	MP2B	Z	24.54	1
45	MP2B	Mx	-.021	1
46	MP2B	X	-42.505	3
47	MP2B	Z	24.54	3
48	MP2B	Mx	-.021	3
49	MP2C	X	-78.189	1
50	MP2C	Z	45.142	1
51	MP2C	Mx	0	1
52	MP2C	X	-78.189	3
53	MP2C	Z	45.142	3
54	MP2C	Mx	0	3
55	MP4A	X	-112.542	.5
56	MP4A	Z	64.976	.5
57	MP4A	Mx	.16	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	-112.542	4.5
59	MP4A	Z	64.976	4.5
60	MP4A	Mx	.16	4.5
61	MP4B	X	-112.542	.5
62	MP4B	Z	64.976	.5
63	MP4B	Mx	-.084	.5
64	MP4B	X	-112.542	4.5
65	MP4B	Z	64.976	4.5
66	MP4B	Mx	-.084	4.5
67	MP4C	X	-151.553	.5
68	MP4C	Z	87.499	.5
69	MP4C	Mx	-.102	.5
70	MP4C	X	-151.553	4.5
71	MP4C	Z	87.499	4.5
72	MP4C	Mx	-.102	4.5
73	MP4A	X	-112.542	.5
74	MP4A	Z	64.976	.5
75	MP4A	Mx	.084	.5
76	MP4A	X	-112.542	4.5
77	MP4A	Z	64.976	4.5
78	MP4A	Mx	.084	4.5
79	MP4B	X	-112.542	.5
80	MP4B	Z	64.976	.5
81	MP4B	Mx	-.16	.5
82	MP4B	X	-112.542	4.5
83	MP4B	Z	64.976	4.5
84	MP4B	Mx	-.16	4.5
85	MP4C	X	-151.553	.5
86	MP4C	Z	87.499	.5
87	MP4C	Mx	.102	.5
88	MP4C	X	-151.553	4.5
89	MP4C	Z	87.499	4.5
90	MP4C	Mx	.102	4.5
91	MP1B	X	-93.261	.5
92	MP1B	Z	53.844	.5
93	MP1B	Mx	-.117	.5
94	MP1B	X	-93.261	3.5
95	MP1B	Z	53.844	3.5
96	MP1B	Mx	-.117	3.5
97	MP5B	X	-93.261	.5
98	MP5B	Z	53.844	.5
99	MP5B	Mx	-.117	.5
100	MP5B	X	-93.261	3.5
101	MP5B	Z	53.844	3.5
102	MP5B	Mx	-.117	3.5
103	MP4A	X	-46.747	2
104	MP4A	Z	26.989	2
105	MP4A	Mx	-.035	2
106	MP4B	X	-46.747	2
107	MP4B	Z	26.989	2
108	MP4B	Mx	.035	2
109	MP4C	X	-62.218	2
110	MP4C	Z	35.922	2
111	MP4C	Mx	0	2
112	MP3A	X	-40.82	2
113	MP3A	Z	23.568	2
114	MP3A	Mx	-.027	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP3B	X	-40.82	2
116	MP3B	Z	23.568	2
117	MP3B	Mx	.027	2
118	MP3C	X	-62.218	2
119	MP3C	Z	35.922	2
120	MP3C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-103.709	.5
2	MP1A	Z	0	.5
3	MP1A	Mx	.13	.5
4	MP1A	X	-103.709	3.5
5	MP1A	Z	0	3.5
6	MP1A	Mx	.13	3.5
7	MP1C	X	-63.53	.5
8	MP1C	Z	0	.5
9	MP1C	Mx	-.04	.5
10	MP1C	X	-63.53	3.5
11	MP1C	Z	0	3.5
12	MP1C	Mx	-.04	3.5
13	MP5A	X	-103.709	.5
14	MP5A	Z	0	.5
15	MP5A	Mx	.13	.5
16	MP5A	X	-103.709	3.5
17	MP5A	Z	0	3.5
18	MP5A	Mx	.13	3.5
19	MP5C	X	-63.53	.5
20	MP5C	Z	0	.5
21	MP5C	Mx	-.04	.5
22	MP5C	X	-63.53	3.5
23	MP5C	Z	0	3.5
24	MP5C	Mx	-.04	3.5
25	MP2A	X	-9.835	3
26	MP2A	Z	0	3
27	MP2A	Mx	0	3
28	MP2B	X	-13.12	3
29	MP2B	Z	0	3
30	MP2B	Mx	-.003	3
31	MP2C	X	-13.12	3
32	MP2C	Z	0	3
33	MP2C	Mx	.003	3
34	M39	X	-80.081	3
35	M39	Z	0	3
36	M39	Mx	0	3
37	MP2A	X	-35.346	1
38	MP2A	Z	0	1
39	MP2A	Mx	.018	1
40	MP2A	X	-35.346	3
41	MP2A	Z	0	3
42	MP2A	Mx	.018	3
43	MP2B	X	-76.55	1
44	MP2B	Z	0	1
45	MP2B	Mx	-.019	1
46	MP2B	X	-76.55	3
47	MP2B	Z	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2B	Mx	-.019	3
49	MP2C	X	-76.55	1
50	MP2C	Z	0	1
51	MP2C	Mx	-.019	1
52	MP2C	X	-76.55	3
53	MP2C	Z	0	3
54	MP2C	Mx	-.019	3
55	MP4A	X	-114.936	.5
56	MP4A	Z	0	.5
57	MP4A	Mx	.125	.5
58	MP4A	X	-114.936	4.5
59	MP4A	Z	0	4.5
60	MP4A	Mx	.125	4.5
61	MP4B	X	-159.983	.5
62	MP4B	Z	0	.5
63	MP4B	Mx	-.006	.5
64	MP4B	X	-159.983	4.5
65	MP4B	Z	0	4.5
66	MP4B	Mx	-.006	4.5
67	MP4C	X	-159.983	.5
68	MP4C	Z	0	.5
69	MP4C	Mx	-.167	.5
70	MP4C	X	-159.983	4.5
71	MP4C	Z	0	4.5
72	MP4C	Mx	-.167	4.5
73	MP4A	X	-114.936	.5
74	MP4A	Z	0	.5
75	MP4A	Mx	.125	.5
76	MP4A	X	-114.936	4.5
77	MP4A	Z	0	4.5
78	MP4A	Mx	.125	4.5
79	MP4B	X	-159.983	.5
80	MP4B	Z	0	.5
81	MP4B	Mx	-.167	.5
82	MP4B	X	-159.983	4.5
83	MP4B	Z	0	4.5
84	MP4B	Mx	-.167	4.5
85	MP4C	X	-159.983	.5
86	MP4C	Z	0	.5
87	MP4C	Mx	-.006	.5
88	MP4C	X	-159.983	4.5
89	MP4C	Z	0	4.5
90	MP4C	Mx	-.006	4.5
91	MP1B	X	-114.655	.5
92	MP1B	Z	0	.5
93	MP1B	Mx	-.072	.5
94	MP1B	X	-114.655	3.5
95	MP1B	Z	0	3.5
96	MP1B	Mx	-.072	3.5
97	MP5B	X	-114.655	.5
98	MP5B	Z	0	.5
99	MP5B	Mx	-.072	.5
100	MP5B	X	-114.655	3.5
101	MP5B	Z	0	3.5
102	MP5B	Mx	-.072	3.5
103	MP4A	X	-48.024	2
104	MP4A	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4A	Mx	-.036	2
106	MP4B	X	-65.888	2
107	MP4B	Z	0	2
108	MP4B	Mx	.025	2
109	MP4C	X	-65.888	2
110	MP4C	Z	0	2
111	MP4C	Mx	.025	2
112	MP3A	X	-38.899	2
113	MP3A	Z	0	2
114	MP3A	Mx	-.026	2
115	MP3B	X	-63.607	2
116	MP3B	Z	0	2
117	MP3B	Mx	.021	2
118	MP3C	X	-63.607	2
119	MP3C	Z	0	2
120	MP3C	Mx	.021	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-78.216	.5
2	MP1A	Z	-45.158	.5
3	MP1A	Mx	.098	.5
4	MP1A	X	-78.216	3.5
5	MP1A	Z	-45.158	3.5
6	MP1A	Mx	.098	3.5
7	MP1C	X	-78.216	.5
8	MP1C	Z	-45.158	.5
9	MP1C	Mx	-.098	.5
10	MP1C	X	-78.216	3.5
11	MP1C	Z	-45.158	3.5
12	MP1C	Mx	-.098	3.5
13	MP5A	X	-78.216	.5
14	MP5A	Z	-45.158	.5
15	MP5A	Mx	.098	.5
16	MP5A	X	-78.216	3.5
17	MP5A	Z	-45.158	3.5
18	MP5A	Mx	.098	3.5
19	MP5C	X	-78.216	.5
20	MP5C	Z	-45.158	.5
21	MP5C	Mx	-.098	.5
22	MP5C	X	-78.216	3.5
23	MP5C	Z	-45.158	3.5
24	MP5C	Mx	-.098	3.5
25	MP2A	X	-9.466	3
26	MP2A	Z	-5.465	3
27	MP2A	Mx	.001	3
28	MP2B	X	-12.311	3
29	MP2B	Z	-7.107	3
30	MP2B	Mx	-.004	3
31	MP2C	X	-9.466	3
32	MP2C	Z	-5.465	3
33	MP2C	Mx	.001	3
34	M39	X	-105.035	3
35	M39	Z	-60.642	3
36	M39	Mx	0	3
37	MP2A	X	-42.505	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	-24.54	1
39	MP2A	Mx	.021	1
40	MP2A	X	-42.505	3
41	MP2A	Z	-24.54	3
42	MP2A	Mx	.021	3
43	MP2B	X	-78.189	1
44	MP2B	Z	-45.142	1
45	MP2B	Mx	0	1
46	MP2B	X	-78.189	3
47	MP2B	Z	-45.142	3
48	MP2B	Mx	0	3
49	MP2C	X	-42.505	1
50	MP2C	Z	-24.54	1
51	MP2C	Mx	-.021	1
52	MP2C	X	-42.505	3
53	MP2C	Z	-24.54	3
54	MP2C	Mx	-.021	3
55	MP4A	X	-112.542	.5
56	MP4A	Z	-64.976	.5
57	MP4A	Mx	.084	.5
58	MP4A	X	-112.542	4.5
59	MP4A	Z	-64.976	4.5
60	MP4A	Mx	.084	4.5
61	MP4B	X	-151.553	.5
62	MP4B	Z	-87.499	.5
63	MP4B	Mx	.102	.5
64	MP4B	X	-151.553	4.5
65	MP4B	Z	-87.499	4.5
66	MP4B	Mx	.102	4.5
67	MP4C	X	-112.542	.5
68	MP4C	Z	-64.976	.5
69	MP4C	Mx	-.16	.5
70	MP4C	X	-112.542	4.5
71	MP4C	Z	-64.976	4.5
72	MP4C	Mx	-.16	4.5
73	MP4A	X	-112.542	.5
74	MP4A	Z	-64.976	.5
75	MP4A	Mx	.16	.5
76	MP4A	X	-112.542	4.5
77	MP4A	Z	-64.976	4.5
78	MP4A	Mx	.16	4.5
79	MP4B	X	-151.553	.5
80	MP4B	Z	-87.499	.5
81	MP4B	Mx	-.102	.5
82	MP4B	X	-151.553	4.5
83	MP4B	Z	-87.499	4.5
84	MP4B	Mx	-.102	4.5
85	MP4C	X	-112.542	.5
86	MP4C	Z	-64.976	.5
87	MP4C	Mx	-.084	.5
88	MP4C	X	-112.542	4.5
89	MP4C	Z	-64.976	4.5
90	MP4C	Mx	-.084	4.5
91	MP1B	X	-102.311	.5
92	MP1B	Z	-59.069	.5
93	MP1B	Mx	0	.5
94	MP1B	X	-102.311	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP1B	Z	-59.069	3.5
96	MP1B	Mx	0	3.5
97	MP5B	X	-102.311	.5
98	MP5B	Z	-59.069	.5
99	MP5B	Mx	0	.5
100	MP5B	X	-102.311	3.5
101	MP5B	Z	-59.069	3.5
102	MP5B	Mx	0	3.5
103	MP4A	X	-46.747	2
104	MP4A	Z	-26.989	2
105	MP4A	Mx	-.035	2
106	MP4B	X	-62.218	2
107	MP4B	Z	-35.922	2
108	MP4B	Mx	0	2
109	MP4C	X	-46.747	2
110	MP4C	Z	-26.989	2
111	MP4C	Mx	.035	2
112	MP3A	X	-40.82	2
113	MP3A	Z	-23.568	2
114	MP3A	Mx	-.027	2
115	MP3B	X	-62.218	2
116	MP3B	Z	-35.922	2
117	MP3B	Mx	0	2
118	MP3C	X	-40.82	2
119	MP3C	Z	-23.568	2
120	MP3C	Mx	.027	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-31.765	.5
2	MP1A	Z	-55.018	.5
3	MP1A	Mx	.04	.5
4	MP1A	X	-31.765	3.5
5	MP1A	Z	-55.018	3.5
6	MP1A	Mx	.04	3.5
7	MP1C	X	-51.855	.5
8	MP1C	Z	-89.815	.5
9	MP1C	Mx	-.13	.5
10	MP1C	X	-51.855	3.5
11	MP1C	Z	-89.815	3.5
12	MP1C	Mx	-.13	3.5
13	MP5A	X	-31.765	.5
14	MP5A	Z	-55.018	.5
15	MP5A	Mx	.04	.5
16	MP5A	X	-31.765	3.5
17	MP5A	Z	-55.018	3.5
18	MP5A	Mx	.04	3.5
19	MP5C	X	-51.855	.5
20	MP5C	Z	-89.815	.5
21	MP5C	Mx	-.13	.5
22	MP5C	X	-51.855	3.5
23	MP5C	Z	-89.815	3.5
24	MP5C	Mx	-.13	3.5
25	MP2A	X	-6.56	3
26	MP2A	Z	-11.362	3
27	MP2A	Mx	.003	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP2B	X	-6.56	3
29	MP2B	Z	-11.362	3
30	MP2B	Mx	-.003	3
31	MP2C	X	-4.918	3
32	MP2C	Z	-8.518	3
33	MP2C	Mx	0	3
34	M39	X	-85.913	3
35	M39	Z	-148.807	3
36	M39	Mx	0	3
37	MP2A	X	-38.275	1
38	MP2A	Z	-66.294	1
39	MP2A	Mx	.019	1
40	MP2A	X	-38.275	3
41	MP2A	Z	-66.294	3
42	MP2A	Mx	.019	3
43	MP2B	X	-38.275	1
44	MP2B	Z	-66.294	1
45	MP2B	Mx	.019	1
46	MP2B	X	-38.275	3
47	MP2B	Z	-66.294	3
48	MP2B	Mx	.019	3
49	MP2C	X	-17.673	1
50	MP2C	Z	-30.611	1
51	MP2C	Mx	-.018	1
52	MP2C	X	-17.673	3
53	MP2C	Z	-30.611	3
54	MP2C	Mx	-.018	3
55	MP4A	X	-79.991	.5
56	MP4A	Z	-138.549	.5
57	MP4A	Mx	.006	.5
58	MP4A	X	-79.991	4.5
59	MP4A	Z	-138.549	4.5
60	MP4A	Mx	.006	4.5
61	MP4B	X	-79.991	.5
62	MP4B	Z	-138.549	.5
63	MP4B	Mx	.167	.5
64	MP4B	X	-79.991	4.5
65	MP4B	Z	-138.549	4.5
66	MP4B	Mx	.167	4.5
67	MP4C	X	-57.468	.5
68	MP4C	Z	-99.538	.5
69	MP4C	Mx	-.125	.5
70	MP4C	X	-57.468	4.5
71	MP4C	Z	-99.538	4.5
72	MP4C	Mx	-.125	4.5
73	MP4A	X	-79.991	.5
74	MP4A	Z	-138.549	.5
75	MP4A	Mx	.167	.5
76	MP4A	X	-79.991	4.5
77	MP4A	Z	-138.549	4.5
78	MP4A	Mx	.167	4.5
79	MP4B	X	-79.991	.5
80	MP4B	Z	-138.549	.5
81	MP4B	Mx	.006	.5
82	MP4B	X	-79.991	4.5
83	MP4B	Z	-138.549	4.5
84	MP4B	Mx	.006	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP4C	X	-57.468	.5
86	MP4C	Z	-99.538	.5
87	MP4C	Mx	-.125	.5
88	MP4C	X	-57.468	4.5
89	MP4C	Z	-99.538	4.5
90	MP4C	Mx	-.125	4.5
91	MP1B	X	-57.327	.5
92	MP1B	Z	-99.294	.5
93	MP1B	Mx	.072	.5
94	MP1B	X	-57.327	3.5
95	MP1B	Z	-99.294	3.5
96	MP1B	Mx	.072	3.5
97	MP5B	X	-57.327	.5
98	MP5B	Z	-99.294	.5
99	MP5B	Mx	.072	.5
100	MP5B	X	-57.327	3.5
101	MP5B	Z	-99.294	3.5
102	MP5B	Mx	.072	3.5
103	MP4A	X	-32.944	2
104	MP4A	Z	-57.061	2
105	MP4A	Mx	-.025	2
106	MP4B	X	-32.944	2
107	MP4B	Z	-57.061	2
108	MP4B	Mx	-.025	2
109	MP4C	X	-24.012	2
110	MP4C	Z	-41.59	2
111	MP4C	Mx	.036	2
112	MP3A	X	-31.804	2
113	MP3A	Z	-55.085	2
114	MP3A	Mx	-.021	2
115	MP3B	X	-31.804	2
116	MP3B	Z	-55.085	2
117	MP3B	Mx	-.021	2
118	MP3C	X	-19.45	2
119	MP3C	Z	-33.688	2
120	MP3C	Mx	.026	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.5
2	MP1A	Z	-11.499	.5
3	MP1A	Mx	0	.5
4	MP1A	X	0	3.5
5	MP1A	Z	-11.499	3.5
6	MP1A	Mx	0	3.5
7	MP1C	X	0	.5
8	MP1C	Z	-19.346	.5
9	MP1C	Mx	-.021	.5
10	MP1C	X	0	3.5
11	MP1C	Z	-19.346	3.5
12	MP1C	Mx	-.021	3.5
13	MP5A	X	0	.5
14	MP5A	Z	-11.499	.5
15	MP5A	Mx	0	.5
16	MP5A	X	0	3.5
17	MP5A	Z	-11.499	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP5A	Mx	0	3.5
19	MP5C	X	0	.5
20	MP5C	Z	-19.346	.5
21	MP5C	Mx	-.021	.5
22	MP5C	X	0	3.5
23	MP5C	Z	-19.346	3.5
24	MP5C	Mx	-.021	3.5
25	MP2A	X	0	3
26	MP2A	Z	-3.952	3
27	MP2A	Mx	.000988	3
28	MP2B	X	0	3
29	MP2B	Z	-3.213	3
30	MP2B	Mx	-.000402	3
31	MP2C	X	0	3
32	MP2C	Z	-3.213	3
33	MP2C	Mx	-.000402	3
34	M39	X	0	3
35	M39	Z	-38.335	3
36	M39	Mx	0	3
37	MP2A	X	0	1
38	MP2A	Z	-19.293	1
39	MP2A	Mx	0	1
40	MP2A	X	0	3
41	MP2A	Z	-19.293	3
42	MP2A	Mx	0	3
43	MP2B	X	0	1
44	MP2B	Z	-10.99	1
45	MP2B	Mx	.005	1
46	MP2B	X	0	3
47	MP2B	Z	-10.99	3
48	MP2B	Mx	.005	3
49	MP2C	X	0	1
50	MP2C	Z	-10.99	1
51	MP2C	Mx	-.005	1
52	MP2C	X	0	3
53	MP2C	Z	-10.99	3
54	MP2C	Mx	-.005	3
55	MP4A	X	0	.5
56	MP4A	Z	-36.269	.5
57	MP4A	Mx	-.021	.5
58	MP4A	X	0	4.5
59	MP4A	Z	-36.269	4.5
60	MP4A	Mx	-.021	4.5
61	MP4B	X	0	.5
62	MP4B	Z	-27.626	.5
63	MP4B	Mx	.034	.5
64	MP4B	X	0	4.5
65	MP4B	Z	-27.626	4.5
66	MP4B	Mx	.034	4.5
67	MP4C	X	0	.5
68	MP4C	Z	-27.626	.5
69	MP4C	Mx	-.018	.5
70	MP4C	X	0	4.5
71	MP4C	Z	-27.626	4.5
72	MP4C	Mx	-.018	4.5
73	MP4A	X	0	.5
74	MP4A	Z	-36.269	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP4A	Mx	.021	.5
76	MP4A	X	0	4.5
77	MP4A	Z	-36.269	4.5
78	MP4A	Mx	.021	4.5
79	MP4B	X	0	.5
80	MP4B	Z	-27.626	.5
81	MP4B	Mx	.018	.5
82	MP4B	X	0	4.5
83	MP4B	Z	-27.626	4.5
84	MP4B	Mx	.018	4.5
85	MP4C	X	0	.5
86	MP4C	Z	-27.626	.5
87	MP4C	Mx	-.034	.5
88	MP4C	X	0	4.5
89	MP4C	Z	-27.626	4.5
90	MP4C	Mx	-.034	4.5
91	MP1B	X	0	.5
92	MP1B	Z	-22.737	.5
93	MP1B	Mx	.025	.5
94	MP1B	X	0	3.5
95	MP1B	Z	-22.737	3.5
96	MP1B	Mx	.025	3.5
97	MP5B	X	0	.5
98	MP5B	Z	-22.737	.5
99	MP5B	Mx	.025	.5
100	MP5B	X	0	3.5
101	MP5B	Z	-22.737	3.5
102	MP5B	Mx	.025	3.5
103	MP4A	X	0	2
104	MP4A	Z	-16.265	2
105	MP4A	Mx	0	2
106	MP4B	X	0	2
107	MP4B	Z	-12.554	2
108	MP4B	Mx	-.008	2
109	MP4C	X	0	2
110	MP4C	Z	-12.554	2
111	MP4C	Mx	.008	2
112	MP3A	X	0	2
113	MP3A	Z	-16.265	2
114	MP3A	Mx	0	2
115	MP3B	X	0	2
116	MP3B	Z	-11.143	2
117	MP3B	Mx	-.006	2
118	MP3C	X	0	2
119	MP3C	Z	-11.143	2
120	MP3C	Mx	.006	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	7.057	.5
2	MP1A	Z	-12.223	.5
3	MP1A	Mx	-.009	.5
4	MP1A	X	7.057	3.5
5	MP1A	Z	-12.223	3.5
6	MP1A	Mx	-.009	3.5
7	MP1C	X	7.057	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1C	Z	-12.223	.5
9	MP1C	Mx	-.009	.5
10	MP1C	X	7.057	3.5
11	MP1C	Z	-12.223	3.5
12	MP1C	Mx	-.009	3.5
13	MP5A	X	7.057	.5
14	MP5A	Z	-12.223	.5
15	MP5A	Mx	-.009	.5
16	MP5A	X	7.057	3.5
17	MP5A	Z	-12.223	3.5
18	MP5A	Mx	-.009	3.5
19	MP5C	X	7.057	.5
20	MP5C	Z	-12.223	.5
21	MP5C	Mx	-.009	.5
22	MP5C	X	7.057	3.5
23	MP5C	Z	-12.223	3.5
24	MP5C	Mx	-.009	3.5
25	MP2A	X	1.853	3
26	MP2A	Z	-3.21	3
27	MP2A	Mx	.000802	3
28	MP2B	X	1.483	3
29	MP2B	Z	-2.569	3
30	MP2B	Mx	0	3
31	MP2C	X	1.853	3
32	MP2C	Z	-3.21	3
33	MP2C	Mx	-.000802	3
34	M39	X	15.054	3
35	M39	Z	-26.073	3
36	M39	Mx	0	3
37	MP2A	X	8.263	1
38	MP2A	Z	-14.311	1
39	MP2A	Mx	-.004	1
40	MP2A	X	8.263	3
41	MP2A	Z	-14.311	3
42	MP2A	Mx	-.004	3
43	MP2B	X	4.111	1
44	MP2B	Z	-7.12	1
45	MP2B	Mx	.004	1
46	MP2B	X	4.111	3
47	MP2B	Z	-7.12	3
48	MP2B	Mx	.004	3
49	MP2C	X	8.263	1
50	MP2C	Z	-14.311	1
51	MP2C	Mx	-.004	1
52	MP2C	X	8.263	3
53	MP2C	Z	-14.311	3
54	MP2C	Mx	-.004	3
55	MP4A	X	16.694	.5
56	MP4A	Z	-28.915	.5
57	MP4A	Mx	-.035	.5
58	MP4A	X	16.694	4.5
59	MP4A	Z	-28.915	4.5
60	MP4A	Mx	-.035	4.5
61	MP4B	X	12.373	.5
62	MP4B	Z	-21.43	.5
63	MP4B	Mx	.027	.5
64	MP4B	X	12.373	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP4B	Z	-21.43	4.5
66	MP4B	Mx	.027	4.5
67	MP4C	X	16.694	.5
68	MP4C	Z	-28.915	.5
69	MP4C	Mx	-.001	.5
70	MP4C	X	16.694	4.5
71	MP4C	Z	-28.915	4.5
72	MP4C	Mx	-.001	4.5
73	MP4A	X	16.694	.5
74	MP4A	Z	-28.915	.5
75	MP4A	Mx	-.001	.5
76	MP4A	X	16.694	4.5
77	MP4A	Z	-28.915	4.5
78	MP4A	Mx	-.001	4.5
79	MP4B	X	12.373	.5
80	MP4B	Z	-21.43	.5
81	MP4B	Mx	.027	.5
82	MP4B	X	12.373	4.5
83	MP4B	Z	-21.43	4.5
84	MP4B	Mx	.027	4.5
85	MP4C	X	16.694	.5
86	MP4C	Z	-28.915	.5
87	MP4C	Mx	-.035	.5
88	MP4C	X	16.694	4.5
89	MP4C	Z	-28.915	4.5
90	MP4C	Mx	-.035	4.5
91	MP1B	X	11.031	.5
92	MP1B	Z	-19.106	.5
93	MP1B	Mx	.028	.5
94	MP1B	X	11.031	3.5
95	MP1B	Z	-19.106	3.5
96	MP1B	Mx	.028	3.5
97	MP5B	X	11.031	.5
98	MP5B	Z	-19.106	.5
99	MP5B	Mx	.028	.5
100	MP5B	X	11.031	3.5
101	MP5B	Z	-19.106	3.5
102	MP5B	Mx	.028	3.5
103	MP4A	X	7.514	2
104	MP4A	Z	-13.015	2
105	MP4A	Mx	.006	2
106	MP4B	X	5.658	2
107	MP4B	Z	-9.8	2
108	MP4B	Mx	-.008	2
109	MP4C	X	7.514	2
110	MP4C	Z	-13.015	2
111	MP4C	Mx	.006	2
112	MP3A	X	7.279	2
113	MP3A	Z	-12.608	2
114	MP3A	Mx	.005	2
115	MP3B	X	4.718	2
116	MP3B	Z	-8.172	2
117	MP3B	Mx	-.006	2
118	MP3C	X	7.279	2
119	MP3C	Z	-12.608	2
120	MP3C	Mx	.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	16.754	.5
2	MP1A	Z	-9.673	.5
3	MP1A	Mx	-.021	.5
4	MP1A	X	16.754	3.5
5	MP1A	Z	-9.673	3.5
6	MP1A	Mx	-.021	3.5
7	MP1C	X	9.958	.5
8	MP1C	Z	-5.749	.5
9	MP1C	Mx	0	.5
10	MP1C	X	9.958	3.5
11	MP1C	Z	-5.749	3.5
12	MP1C	Mx	0	3.5
13	MP5A	X	16.754	.5
14	MP5A	Z	-9.673	.5
15	MP5A	Mx	-.021	.5
16	MP5A	X	16.754	3.5
17	MP5A	Z	-9.673	3.5
18	MP5A	Mx	-.021	3.5
19	MP5C	X	9.958	.5
20	MP5C	Z	-5.749	.5
21	MP5C	Mx	0	.5
22	MP5C	X	9.958	3.5
23	MP5C	Z	-5.749	3.5
24	MP5C	Mx	0	3.5
25	MP2A	X	2.783	3
26	MP2A	Z	-1.607	3
27	MP2A	Mx	.000402	3
28	MP2B	X	2.783	3
29	MP2B	Z	-1.607	3
30	MP2B	Mx	.000402	3
31	MP2C	X	3.423	3
32	MP2C	Z	-1.976	3
33	MP2C	Mx	-.000988	3
34	M39	X	17.332	3
35	M39	Z	-10.007	3
36	M39	Mx	0	3
37	MP2A	X	9.517	1
38	MP2A	Z	-5.495	1
39	MP2A	Mx	-.005	1
40	MP2A	X	9.517	3
41	MP2A	Z	-5.495	3
42	MP2A	Mx	-.005	3
43	MP2B	X	9.517	1
44	MP2B	Z	-5.495	1
45	MP2B	Mx	.005	1
46	MP2B	X	9.517	3
47	MP2B	Z	-5.495	3
48	MP2B	Mx	.005	3
49	MP2C	X	16.708	1
50	MP2C	Z	-9.647	1
51	MP2C	Mx	0	1
52	MP2C	X	16.708	3
53	MP2C	Z	-9.647	3
54	MP2C	Mx	0	3
55	MP4A	X	23.925	.5
56	MP4A	Z	-13.813	.5
57	MP4A	Mx	-.034	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	23.925	4.5
59	MP4A	Z	-13.813	4.5
60	MP4A	Mx	-.034	4.5
61	MP4B	X	23.925	.5
62	MP4B	Z	-13.813	.5
63	MP4B	Mx	.018	.5
64	MP4B	X	23.925	4.5
65	MP4B	Z	-13.813	4.5
66	MP4B	Mx	.018	4.5
67	MP4C	X	31.41	.5
68	MP4C	Z	-18.134	.5
69	MP4C	Mx	.021	.5
70	MP4C	X	31.41	4.5
71	MP4C	Z	-18.134	4.5
72	MP4C	Mx	.021	4.5
73	MP4A	X	23.925	.5
74	MP4A	Z	-13.813	.5
75	MP4A	Mx	-.018	.5
76	MP4A	X	23.925	4.5
77	MP4A	Z	-13.813	4.5
78	MP4A	Mx	-.018	4.5
79	MP4B	X	23.925	.5
80	MP4B	Z	-13.813	.5
81	MP4B	Mx	.034	.5
82	MP4B	X	23.925	4.5
83	MP4B	Z	-13.813	4.5
84	MP4B	Mx	.034	4.5
85	MP4C	X	31.41	.5
86	MP4C	Z	-18.134	.5
87	MP4C	Mx	-.021	.5
88	MP4C	X	31.41	4.5
89	MP4C	Z	-18.134	4.5
90	MP4C	Mx	-.021	4.5
91	MP1B	X	19.691	.5
92	MP1B	Z	-11.369	.5
93	MP1B	Mx	.025	.5
94	MP1B	X	19.691	3.5
95	MP1B	Z	-11.369	3.5
96	MP1B	Mx	.025	3.5
97	MP5B	X	19.691	.5
98	MP5B	Z	-11.369	.5
99	MP5B	Mx	.025	.5
100	MP5B	X	19.691	3.5
101	MP5B	Z	-11.369	3.5
102	MP5B	Mx	.025	3.5
103	MP4A	X	10.872	2
104	MP4A	Z	-6.277	2
105	MP4A	Mx	.008	2
106	MP4B	X	10.872	2
107	MP4B	Z	-6.277	2
108	MP4B	Mx	-.008	2
109	MP4C	X	14.086	2
110	MP4C	Z	-8.133	2
111	MP4C	Mx	0	2
112	MP3A	X	9.65	2
113	MP3A	Z	-5.572	2
114	MP3A	Mx	.006	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP3B	X	9.65	2
116	MP3B	Z	-5.572	2
117	MP3B	Mx	-.006	2
118	MP3C	X	14.086	2
119	MP3C	Z	-8.133	2
120	MP3C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	21.961	.5
2	MP1A	Z	0	.5
3	MP1A	Mx	-.027	.5
4	MP1A	X	21.961	3.5
5	MP1A	Z	0	3.5
6	MP1A	Mx	-.027	3.5
7	MP1C	X	14.114	.5
8	MP1C	Z	0	.5
9	MP1C	Mx	.009	.5
10	MP1C	X	14.114	3.5
11	MP1C	Z	0	3.5
12	MP1C	Mx	.009	3.5
13	MP5A	X	21.961	.5
14	MP5A	Z	0	.5
15	MP5A	Mx	-.027	.5
16	MP5A	X	21.961	3.5
17	MP5A	Z	0	3.5
18	MP5A	Mx	-.027	3.5
19	MP5C	X	14.114	.5
20	MP5C	Z	0	.5
21	MP5C	Mx	.009	.5
22	MP5C	X	14.114	3.5
23	MP5C	Z	0	3.5
24	MP5C	Mx	.009	3.5
25	MP2A	X	2.967	3
26	MP2A	Z	0	3
27	MP2A	Mx	0	3
28	MP2B	X	3.706	3
29	MP2B	Z	0	3
30	MP2B	Mx	.000802	3
31	MP2C	X	3.706	3
32	MP2C	Z	0	3
33	MP2C	Mx	-.000802	3
34	M39	X	18.149	3
35	M39	Z	0	3
36	M39	Mx	0	3
37	MP2A	X	8.222	1
38	MP2A	Z	0	1
39	MP2A	Mx	-.004	1
40	MP2A	X	8.222	3
41	MP2A	Z	0	3
42	MP2A	Mx	-.004	3
43	MP2B	X	16.525	1
44	MP2B	Z	0	1
45	MP2B	Mx	.004	1
46	MP2B	X	16.525	3
47	MP2B	Z	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2B	Mx	.004	3
49	MP2C	X	16.525	1
50	MP2C	Z	0	1
51	MP2C	Mx	.004	1
52	MP2C	X	16.525	3
53	MP2C	Z	0	3
54	MP2C	Mx	.004	3
55	MP4A	X	24.746	.5
56	MP4A	Z	0	.5
57	MP4A	Mx	-.027	.5
58	MP4A	X	24.746	4.5
59	MP4A	Z	0	4.5
60	MP4A	Mx	-.027	4.5
61	MP4B	X	33.388	.5
62	MP4B	Z	0	.5
63	MP4B	Mx	.001	.5
64	MP4B	X	33.388	4.5
65	MP4B	Z	0	4.5
66	MP4B	Mx	.001	4.5
67	MP4C	X	33.388	.5
68	MP4C	Z	0	.5
69	MP4C	Mx	.035	.5
70	MP4C	X	33.388	4.5
71	MP4C	Z	0	4.5
72	MP4C	Mx	.035	4.5
73	MP4A	X	24.746	.5
74	MP4A	Z	0	.5
75	MP4A	Mx	-.027	.5
76	MP4A	X	24.746	4.5
77	MP4A	Z	0	4.5
78	MP4A	Mx	-.027	4.5
79	MP4B	X	33.388	.5
80	MP4B	Z	0	.5
81	MP4B	Mx	.035	.5
82	MP4B	X	33.388	4.5
83	MP4B	Z	0	4.5
84	MP4B	Mx	.035	4.5
85	MP4C	X	33.388	.5
86	MP4C	Z	0	.5
87	MP4C	Mx	.001	.5
88	MP4C	X	33.388	4.5
89	MP4C	Z	0	4.5
90	MP4C	Mx	.001	4.5
91	MP1B	X	24.088	.5
92	MP1B	Z	0	.5
93	MP1B	Mx	.015	.5
94	MP1B	X	24.088	3.5
95	MP1B	Z	0	3.5
96	MP1B	Mx	.015	3.5
97	MP5B	X	24.088	.5
98	MP5B	Z	0	.5
99	MP5B	Mx	.015	.5
100	MP5B	X	24.088	3.5
101	MP5B	Z	0	3.5
102	MP5B	Mx	.015	3.5
103	MP4A	X	11.317	2
104	MP4A	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4A	Mx	.008	2
106	MP4B	X	15.028	2
107	MP4B	Z	0	2
108	MP4B	Mx	-.006	2
109	MP4C	X	15.028	2
110	MP4C	Z	0	2
111	MP4C	Mx	-.006	2
112	MP3A	X	9.436	2
113	MP3A	Z	0	2
114	MP3A	Mx	.006	2
115	MP3B	X	14.558	2
116	MP3B	Z	0	2
117	MP3B	Mx	-.005	2
118	MP3C	X	14.558	2
119	MP3C	Z	0	2
120	MP3C	Mx	-.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	16.754	.5
2	MP1A	Z	9.673	.5
3	MP1A	Mx	-.021	.5
4	MP1A	X	16.754	3.5
5	MP1A	Z	9.673	3.5
6	MP1A	Mx	-.021	3.5
7	MP1C	X	16.754	.5
8	MP1C	Z	9.673	.5
9	MP1C	Mx	.021	.5
10	MP1C	X	16.754	3.5
11	MP1C	Z	9.673	3.5
12	MP1C	Mx	.021	3.5
13	MP5A	X	16.754	.5
14	MP5A	Z	9.673	.5
15	MP5A	Mx	-.021	.5
16	MP5A	X	16.754	3.5
17	MP5A	Z	9.673	3.5
18	MP5A	Mx	-.021	3.5
19	MP5C	X	16.754	.5
20	MP5C	Z	9.673	.5
21	MP5C	Mx	.021	.5
22	MP5C	X	16.754	3.5
23	MP5C	Z	9.673	3.5
24	MP5C	Mx	.021	3.5
25	MP2A	X	2.783	3
26	MP2A	Z	1.607	3
27	MP2A	Mx	-.000402	3
28	MP2B	X	3.423	3
29	MP2B	Z	1.976	3
30	MP2B	Mx	.000988	3
31	MP2C	X	2.783	3
32	MP2C	Z	1.607	3
33	MP2C	Mx	-.000402	3
34	M39	X	22.843	3
35	M39	Z	13.188	3
36	M39	Mx	0	3
37	MP2A	X	9.517	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	5.495	1
39	MP2A	Mx	-.005	1
40	MP2A	X	9.517	3
41	MP2A	Z	5.495	3
42	MP2A	Mx	-.005	3
43	MP2B	X	16.708	1
44	MP2B	Z	9.647	1
45	MP2B	Mx	0	1
46	MP2B	X	16.708	3
47	MP2B	Z	9.647	3
48	MP2B	Mx	0	3
49	MP2C	X	9.517	1
50	MP2C	Z	5.495	1
51	MP2C	Mx	.005	1
52	MP2C	X	9.517	3
53	MP2C	Z	5.495	3
54	MP2C	Mx	.005	3
55	MP4A	X	23.925	.5
56	MP4A	Z	13.813	.5
57	MP4A	Mx	-.018	.5
58	MP4A	X	23.925	4.5
59	MP4A	Z	13.813	4.5
60	MP4A	Mx	-.018	4.5
61	MP4B	X	31.41	.5
62	MP4B	Z	18.134	.5
63	MP4B	Mx	-.021	.5
64	MP4B	X	31.41	4.5
65	MP4B	Z	18.134	4.5
66	MP4B	Mx	-.021	4.5
67	MP4C	X	23.925	.5
68	MP4C	Z	13.813	.5
69	MP4C	Mx	.034	.5
70	MP4C	X	23.925	4.5
71	MP4C	Z	13.813	4.5
72	MP4C	Mx	.034	4.5
73	MP4A	X	23.925	.5
74	MP4A	Z	13.813	.5
75	MP4A	Mx	-.034	.5
76	MP4A	X	23.925	4.5
77	MP4A	Z	13.813	4.5
78	MP4A	Mx	-.034	4.5
79	MP4B	X	31.41	.5
80	MP4B	Z	18.134	.5
81	MP4B	Mx	.021	.5
82	MP4B	X	31.41	4.5
83	MP4B	Z	18.134	4.5
84	MP4B	Mx	.021	4.5
85	MP4C	X	23.925	.5
86	MP4C	Z	13.813	.5
87	MP4C	Mx	.018	.5
88	MP4C	X	23.925	4.5
89	MP4C	Z	13.813	4.5
90	MP4C	Mx	.018	4.5
91	MP1B	X	21.445	.5
92	MP1B	Z	12.381	.5
93	MP1B	Mx	0	.5
94	MP1B	X	21.445	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP1B	Z	12.381	3.5
96	MP1B	Mx	0	3.5
97	MP5B	X	21.445	.5
98	MP5B	Z	12.381	.5
99	MP5B	Mx	0	.5
100	MP5B	X	21.445	3.5
101	MP5B	Z	12.381	3.5
102	MP5B	Mx	0	3.5
103	MP4A	X	10.872	2
104	MP4A	Z	6.277	2
105	MP4A	Mx	.008	2
106	MP4B	X	14.086	2
107	MP4B	Z	8.133	2
108	MP4B	Mx	0	2
109	MP4C	X	10.872	2
110	MP4C	Z	6.277	2
111	MP4C	Mx	-.008	2
112	MP3A	X	9.65	2
113	MP3A	Z	5.572	2
114	MP3A	Mx	.006	2
115	MP3B	X	14.086	2
116	MP3B	Z	8.133	2
117	MP3B	Mx	0	2
118	MP3C	X	9.65	2
119	MP3C	Z	5.572	2
120	MP3C	Mx	-.006	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	7.057	.5
2	MP1A	Z	12.223	.5
3	MP1A	Mx	-.009	.5
4	MP1A	X	7.057	3.5
5	MP1A	Z	12.223	3.5
6	MP1A	Mx	-.009	3.5
7	MP1C	X	10.981	.5
8	MP1C	Z	19.019	.5
9	MP1C	Mx	.027	.5
10	MP1C	X	10.981	3.5
11	MP1C	Z	19.019	3.5
12	MP1C	Mx	.027	3.5
13	MP5A	X	7.057	.5
14	MP5A	Z	12.223	.5
15	MP5A	Mx	-.009	.5
16	MP5A	X	7.057	3.5
17	MP5A	Z	12.223	3.5
18	MP5A	Mx	-.009	3.5
19	MP5C	X	10.981	.5
20	MP5C	Z	19.019	.5
21	MP5C	Mx	.027	.5
22	MP5C	X	10.981	3.5
23	MP5C	Z	19.019	3.5
24	MP5C	Mx	.027	3.5
25	MP2A	X	1.853	3
26	MP2A	Z	3.21	3
27	MP2A	Mx	-.000802	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP2B	X	1.853	3
29	MP2B	Z	3.21	3
30	MP2B	Mx	.000802	3
31	MP2C	X	1.483	3
32	MP2C	Z	2.569	3
33	MP2C	Mx	0	3
34	M39	X	18.235	3
35	M39	Z	31.584	3
36	M39	Mx	0	3
37	MP2A	X	8.263	1
38	MP2A	Z	14.311	1
39	MP2A	Mx	-.004	1
40	MP2A	X	8.263	3
41	MP2A	Z	14.311	3
42	MP2A	Mx	-.004	3
43	MP2B	X	8.263	1
44	MP2B	Z	14.311	1
45	MP2B	Mx	-.004	1
46	MP2B	X	8.263	3
47	MP2B	Z	14.311	3
48	MP2B	Mx	-.004	3
49	MP2C	X	4.111	1
50	MP2C	Z	7.12	1
51	MP2C	Mx	.004	1
52	MP2C	X	4.111	3
53	MP2C	Z	7.12	3
54	MP2C	Mx	.004	3
55	MP4A	X	16.694	.5
56	MP4A	Z	28.915	.5
57	MP4A	Mx	-.001	.5
58	MP4A	X	16.694	4.5
59	MP4A	Z	28.915	4.5
60	MP4A	Mx	-.001	4.5
61	MP4B	X	16.694	.5
62	MP4B	Z	28.915	.5
63	MP4B	Mx	-.035	.5
64	MP4B	X	16.694	4.5
65	MP4B	Z	28.915	4.5
66	MP4B	Mx	-.035	4.5
67	MP4C	X	12.373	.5
68	MP4C	Z	21.43	.5
69	MP4C	Mx	.027	.5
70	MP4C	X	12.373	4.5
71	MP4C	Z	21.43	4.5
72	MP4C	Mx	.027	4.5
73	MP4A	X	16.694	.5
74	MP4A	Z	28.915	.5
75	MP4A	Mx	-.035	.5
76	MP4A	X	16.694	4.5
77	MP4A	Z	28.915	4.5
78	MP4A	Mx	-.035	4.5
79	MP4B	X	16.694	.5
80	MP4B	Z	28.915	.5
81	MP4B	Mx	-.001	.5
82	MP4B	X	16.694	4.5
83	MP4B	Z	28.915	4.5
84	MP4B	Mx	-.001	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP4C	X	12.373	.5
86	MP4C	Z	21.43	.5
87	MP4C	Mx	.027	.5
88	MP4C	X	12.373	4.5
89	MP4C	Z	21.43	4.5
90	MP4C	Mx	.027	4.5
91	MP1B	X	12.044	.5
92	MP1B	Z	20.861	.5
93	MP1B	Mx	-.015	.5
94	MP1B	X	12.044	3.5
95	MP1B	Z	20.861	3.5
96	MP1B	Mx	-.015	3.5
97	MP5B	X	12.044	.5
98	MP5B	Z	20.861	.5
99	MP5B	Mx	-.015	.5
100	MP5B	X	12.044	3.5
101	MP5B	Z	20.861	3.5
102	MP5B	Mx	-.015	3.5
103	MP4A	X	7.514	2
104	MP4A	Z	13.015	2
105	MP4A	Mx	.006	2
106	MP4B	X	7.514	2
107	MP4B	Z	13.015	2
108	MP4B	Mx	.006	2
109	MP4C	X	5.658	2
110	MP4C	Z	9.8	2
111	MP4C	Mx	-.008	2
112	MP3A	X	7.279	2
113	MP3A	Z	12.608	2
114	MP3A	Mx	.005	2
115	MP3B	X	7.279	2
116	MP3B	Z	12.608	2
117	MP3B	Mx	.005	2
118	MP3C	X	4.718	2
119	MP3C	Z	8.172	2
120	MP3C	Mx	-.006	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.5
2	MP1A	Z	11.499	.5
3	MP1A	Mx	0	.5
4	MP1A	X	0	3.5
5	MP1A	Z	11.499	3.5
6	MP1A	Mx	0	3.5
7	MP1C	X	0	.5
8	MP1C	Z	19.346	.5
9	MP1C	Mx	.021	.5
10	MP1C	X	0	3.5
11	MP1C	Z	19.346	3.5
12	MP1C	Mx	.021	3.5
13	MP5A	X	0	.5
14	MP5A	Z	11.499	.5
15	MP5A	Mx	0	.5
16	MP5A	X	0	3.5
17	MP5A	Z	11.499	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP5A	Mx	0	3.5
19	MP5C	X	0	.5
20	MP5C	Z	19.346	.5
21	MP5C	Mx	.021	.5
22	MP5C	X	0	3.5
23	MP5C	Z	19.346	3.5
24	MP5C	Mx	.021	3.5
25	MP2A	X	0	3
26	MP2A	Z	3.952	3
27	MP2A	Mx	-.000988	3
28	MP2B	X	0	3
29	MP2B	Z	3.213	3
30	MP2B	Mx	.000402	3
31	MP2C	X	0	3
32	MP2C	Z	3.213	3
33	MP2C	Mx	.000402	3
34	M39	X	0	3
35	M39	Z	38.335	3
36	M39	Mx	0	3
37	MP2A	X	0	1
38	MP2A	Z	19.293	1
39	MP2A	Mx	0	1
40	MP2A	X	0	3
41	MP2A	Z	19.293	3
42	MP2A	Mx	0	3
43	MP2B	X	0	1
44	MP2B	Z	10.99	1
45	MP2B	Mx	-.005	1
46	MP2B	X	0	3
47	MP2B	Z	10.99	3
48	MP2B	Mx	-.005	3
49	MP2C	X	0	1
50	MP2C	Z	10.99	1
51	MP2C	Mx	.005	1
52	MP2C	X	0	3
53	MP2C	Z	10.99	3
54	MP2C	Mx	.005	3
55	MP4A	X	0	.5
56	MP4A	Z	36.269	.5
57	MP4A	Mx	.021	.5
58	MP4A	X	0	4.5
59	MP4A	Z	36.269	4.5
60	MP4A	Mx	.021	4.5
61	MP4B	X	0	.5
62	MP4B	Z	27.626	.5
63	MP4B	Mx	-.034	.5
64	MP4B	X	0	4.5
65	MP4B	Z	27.626	4.5
66	MP4B	Mx	-.034	4.5
67	MP4C	X	0	.5
68	MP4C	Z	27.626	.5
69	MP4C	Mx	.018	.5
70	MP4C	X	0	4.5
71	MP4C	Z	27.626	4.5
72	MP4C	Mx	.018	4.5
73	MP4A	X	0	.5
74	MP4A	Z	36.269	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP4A	Mx	-.021	.5
76	MP4A	X	0	4.5
77	MP4A	Z	36.269	4.5
78	MP4A	Mx	-.021	4.5
79	MP4B	X	0	.5
80	MP4B	Z	27.626	.5
81	MP4B	Mx	-.018	.5
82	MP4B	X	0	4.5
83	MP4B	Z	27.626	4.5
84	MP4B	Mx	-.018	4.5
85	MP4C	X	0	.5
86	MP4C	Z	27.626	.5
87	MP4C	Mx	.034	.5
88	MP4C	X	0	4.5
89	MP4C	Z	27.626	4.5
90	MP4C	Mx	.034	4.5
91	MP1B	X	0	.5
92	MP1B	Z	22.737	.5
93	MP1B	Mx	-.025	.5
94	MP1B	X	0	3.5
95	MP1B	Z	22.737	3.5
96	MP1B	Mx	-.025	3.5
97	MP5B	X	0	.5
98	MP5B	Z	22.737	.5
99	MP5B	Mx	-.025	.5
100	MP5B	X	0	3.5
101	MP5B	Z	22.737	3.5
102	MP5B	Mx	-.025	3.5
103	MP4A	X	0	2
104	MP4A	Z	16.265	2
105	MP4A	Mx	0	2
106	MP4B	X	0	2
107	MP4B	Z	12.554	2
108	MP4B	Mx	.008	2
109	MP4C	X	0	2
110	MP4C	Z	12.554	2
111	MP4C	Mx	-.008	2
112	MP3A	X	0	2
113	MP3A	Z	16.265	2
114	MP3A	Mx	0	2
115	MP3B	X	0	2
116	MP3B	Z	11.143	2
117	MP3B	Mx	.006	2
118	MP3C	X	0	2
119	MP3C	Z	11.143	2
120	MP3C	Mx	-.006	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-7.057	.5
2	MP1A	Z	12.223	.5
3	MP1A	Mx	.009	.5
4	MP1A	X	-7.057	3.5
5	MP1A	Z	12.223	3.5
6	MP1A	Mx	.009	3.5
7	MP1C	X	-7.057	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1C	Z	12.223	.5
9	MP1C	Mx	.009	.5
10	MP1C	X	-7.057	3.5
11	MP1C	Z	12.223	3.5
12	MP1C	Mx	.009	3.5
13	MP5A	X	-7.057	.5
14	MP5A	Z	12.223	.5
15	MP5A	Mx	.009	.5
16	MP5A	X	-7.057	3.5
17	MP5A	Z	12.223	3.5
18	MP5A	Mx	.009	3.5
19	MP5C	X	-7.057	.5
20	MP5C	Z	12.223	.5
21	MP5C	Mx	.009	.5
22	MP5C	X	-7.057	3.5
23	MP5C	Z	12.223	3.5
24	MP5C	Mx	.009	3.5
25	MP2A	X	-1.853	3
26	MP2A	Z	3.21	3
27	MP2A	Mx	-.000802	3
28	MP2B	X	-1.483	3
29	MP2B	Z	2.569	3
30	MP2B	Mx	0	3
31	MP2C	X	-1.853	3
32	MP2C	Z	3.21	3
33	MP2C	Mx	.000802	3
34	M39	X	-15.054	3
35	M39	Z	26.073	3
36	M39	Mx	0	3
37	MP2A	X	-8.263	1
38	MP2A	Z	14.311	1
39	MP2A	Mx	.004	1
40	MP2A	X	-8.263	3
41	MP2A	Z	14.311	3
42	MP2A	Mx	.004	3
43	MP2B	X	-4.111	1
44	MP2B	Z	7.12	1
45	MP2B	Mx	-.004	1
46	MP2B	X	-4.111	3
47	MP2B	Z	7.12	3
48	MP2B	Mx	-.004	3
49	MP2C	X	-8.263	1
50	MP2C	Z	14.311	1
51	MP2C	Mx	.004	1
52	MP2C	X	-8.263	3
53	MP2C	Z	14.311	3
54	MP2C	Mx	.004	3
55	MP4A	X	-16.694	.5
56	MP4A	Z	28.915	.5
57	MP4A	Mx	.035	.5
58	MP4A	X	-16.694	4.5
59	MP4A	Z	28.915	4.5
60	MP4A	Mx	.035	4.5
61	MP4B	X	-12.373	.5
62	MP4B	Z	21.43	.5
63	MP4B	Mx	-.027	.5
64	MP4B	X	-12.373	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP4B	Z	21.43	4.5
66	MP4B	Mx	-.027	4.5
67	MP4C	X	-16.694	.5
68	MP4C	Z	28.915	.5
69	MP4C	Mx	.001	.5
70	MP4C	X	-16.694	4.5
71	MP4C	Z	28.915	4.5
72	MP4C	Mx	.001	4.5
73	MP4A	X	-16.694	.5
74	MP4A	Z	28.915	.5
75	MP4A	Mx	.001	.5
76	MP4A	X	-16.694	4.5
77	MP4A	Z	28.915	4.5
78	MP4A	Mx	.001	4.5
79	MP4B	X	-12.373	.5
80	MP4B	Z	21.43	.5
81	MP4B	Mx	-.027	.5
82	MP4B	X	-12.373	4.5
83	MP4B	Z	21.43	4.5
84	MP4B	Mx	-.027	4.5
85	MP4C	X	-16.694	.5
86	MP4C	Z	28.915	.5
87	MP4C	Mx	.035	.5
88	MP4C	X	-16.694	4.5
89	MP4C	Z	28.915	4.5
90	MP4C	Mx	.035	4.5
91	MP1B	X	-11.031	.5
92	MP1B	Z	19.106	.5
93	MP1B	Mx	-.028	.5
94	MP1B	X	-11.031	3.5
95	MP1B	Z	19.106	3.5
96	MP1B	Mx	-.028	3.5
97	MP5B	X	-11.031	.5
98	MP5B	Z	19.106	.5
99	MP5B	Mx	-.028	.5
100	MP5B	X	-11.031	3.5
101	MP5B	Z	19.106	3.5
102	MP5B	Mx	-.028	3.5
103	MP4A	X	-7.514	2
104	MP4A	Z	13.015	2
105	MP4A	Mx	-.006	2
106	MP4B	X	-5.658	2
107	MP4B	Z	9.8	2
108	MP4B	Mx	.008	2
109	MP4C	X	-7.514	2
110	MP4C	Z	13.015	2
111	MP4C	Mx	-.006	2
112	MP3A	X	-7.279	2
113	MP3A	Z	12.608	2
114	MP3A	Mx	-.005	2
115	MP3B	X	-4.718	2
116	MP3B	Z	8.172	2
117	MP3B	Mx	.006	2
118	MP3C	X	-7.279	2
119	MP3C	Z	12.608	2
120	MP3C	Mx	-.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-16.754	.5
2	MP1A	Z	9.673	.5
3	MP1A	Mx	.021	.5
4	MP1A	X	-16.754	3.5
5	MP1A	Z	9.673	3.5
6	MP1A	Mx	.021	3.5
7	MP1C	X	-9.958	.5
8	MP1C	Z	5.749	.5
9	MP1C	Mx	0	.5
10	MP1C	X	-9.958	3.5
11	MP1C	Z	5.749	3.5
12	MP1C	Mx	0	3.5
13	MP5A	X	-16.754	.5
14	MP5A	Z	9.673	.5
15	MP5A	Mx	.021	.5
16	MP5A	X	-16.754	3.5
17	MP5A	Z	9.673	3.5
18	MP5A	Mx	.021	3.5
19	MP5C	X	-9.958	.5
20	MP5C	Z	5.749	.5
21	MP5C	Mx	0	.5
22	MP5C	X	-9.958	3.5
23	MP5C	Z	5.749	3.5
24	MP5C	Mx	0	3.5
25	MP2A	X	-2.783	3
26	MP2A	Z	1.607	3
27	MP2A	Mx	-.000402	3
28	MP2B	X	-2.783	3
29	MP2B	Z	1.607	3
30	MP2B	Mx	-.000402	3
31	MP2C	X	-3.423	3
32	MP2C	Z	1.976	3
33	MP2C	Mx	.000988	3
34	M39	X	-17.332	3
35	M39	Z	10.007	3
36	M39	Mx	0	3
37	MP2A	X	-9.517	1
38	MP2A	Z	5.495	1
39	MP2A	Mx	.005	1
40	MP2A	X	-9.517	3
41	MP2A	Z	5.495	3
42	MP2A	Mx	.005	3
43	MP2B	X	-9.517	1
44	MP2B	Z	5.495	1
45	MP2B	Mx	-.005	1
46	MP2B	X	-9.517	3
47	MP2B	Z	5.495	3
48	MP2B	Mx	-.005	3
49	MP2C	X	-16.708	1
50	MP2C	Z	9.647	1
51	MP2C	Mx	0	1
52	MP2C	X	-16.708	3
53	MP2C	Z	9.647	3
54	MP2C	Mx	0	3
55	MP4A	X	-23.925	.5
56	MP4A	Z	13.813	.5
57	MP4A	Mx	.034	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	-23.925	4.5
59	MP4A	Z	13.813	4.5
60	MP4A	Mx	.034	4.5
61	MP4B	X	-23.925	.5
62	MP4B	Z	13.813	.5
63	MP4B	Mx	-.018	.5
64	MP4B	X	-23.925	4.5
65	MP4B	Z	13.813	4.5
66	MP4B	Mx	-.018	4.5
67	MP4C	X	-31.41	.5
68	MP4C	Z	18.134	.5
69	MP4C	Mx	-.021	.5
70	MP4C	X	-31.41	4.5
71	MP4C	Z	18.134	4.5
72	MP4C	Mx	-.021	4.5
73	MP4A	X	-23.925	.5
74	MP4A	Z	13.813	.5
75	MP4A	Mx	.018	.5
76	MP4A	X	-23.925	4.5
77	MP4A	Z	13.813	4.5
78	MP4A	Mx	.018	4.5
79	MP4B	X	-23.925	.5
80	MP4B	Z	13.813	.5
81	MP4B	Mx	-.034	.5
82	MP4B	X	-23.925	4.5
83	MP4B	Z	13.813	4.5
84	MP4B	Mx	-.034	4.5
85	MP4C	X	-31.41	.5
86	MP4C	Z	18.134	.5
87	MP4C	Mx	.021	.5
88	MP4C	X	-31.41	4.5
89	MP4C	Z	18.134	4.5
90	MP4C	Mx	.021	4.5
91	MP1B	X	-19.691	.5
92	MP1B	Z	11.369	.5
93	MP1B	Mx	-.025	.5
94	MP1B	X	-19.691	3.5
95	MP1B	Z	11.369	3.5
96	MP1B	Mx	-.025	3.5
97	MP5B	X	-19.691	.5
98	MP5B	Z	11.369	.5
99	MP5B	Mx	-.025	.5
100	MP5B	X	-19.691	3.5
101	MP5B	Z	11.369	3.5
102	MP5B	Mx	-.025	3.5
103	MP4A	X	-10.872	2
104	MP4A	Z	6.277	2
105	MP4A	Mx	-.008	2
106	MP4B	X	-10.872	2
107	MP4B	Z	6.277	2
108	MP4B	Mx	.008	2
109	MP4C	X	-14.086	2
110	MP4C	Z	8.133	2
111	MP4C	Mx	0	2
112	MP3A	X	-9.65	2
113	MP3A	Z	5.572	2
114	MP3A	Mx	-.006	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP3B	X	-9.65	2
116	MP3B	Z	5.572	2
117	MP3B	Mx	.006	2
118	MP3C	X	-14.086	2
119	MP3C	Z	8.133	2
120	MP3C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-21.961	.5
2	MP1A	Z	0	.5
3	MP1A	Mx	.027	.5
4	MP1A	X	-21.961	3.5
5	MP1A	Z	0	3.5
6	MP1A	Mx	.027	3.5
7	MP1C	X	-14.114	.5
8	MP1C	Z	0	.5
9	MP1C	Mx	-.009	.5
10	MP1C	X	-14.114	3.5
11	MP1C	Z	0	3.5
12	MP1C	Mx	-.009	3.5
13	MP5A	X	-21.961	.5
14	MP5A	Z	0	.5
15	MP5A	Mx	.027	.5
16	MP5A	X	-21.961	3.5
17	MP5A	Z	0	3.5
18	MP5A	Mx	.027	3.5
19	MP5C	X	-14.114	.5
20	MP5C	Z	0	.5
21	MP5C	Mx	-.009	.5
22	MP5C	X	-14.114	3.5
23	MP5C	Z	0	3.5
24	MP5C	Mx	-.009	3.5
25	MP2A	X	-2.967	3
26	MP2A	Z	0	3
27	MP2A	Mx	0	3
28	MP2B	X	-3.706	3
29	MP2B	Z	0	3
30	MP2B	Mx	-.000802	3
31	MP2C	X	-3.706	3
32	MP2C	Z	0	3
33	MP2C	Mx	.000802	3
34	M39	X	-18.149	3
35	M39	Z	0	3
36	M39	Mx	0	3
37	MP2A	X	-8.222	1
38	MP2A	Z	0	1
39	MP2A	Mx	.004	1
40	MP2A	X	-8.222	3
41	MP2A	Z	0	3
42	MP2A	Mx	.004	3
43	MP2B	X	-16.525	1
44	MP2B	Z	0	1
45	MP2B	Mx	-.004	1
46	MP2B	X	-16.525	3
47	MP2B	Z	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2B	Mx	-.004	3
49	MP2C	X	-16.525	1
50	MP2C	Z	0	1
51	MP2C	Mx	-.004	1
52	MP2C	X	-16.525	3
53	MP2C	Z	0	3
54	MP2C	Mx	-.004	3
55	MP4A	X	-24.746	.5
56	MP4A	Z	0	.5
57	MP4A	Mx	.027	.5
58	MP4A	X	-24.746	4.5
59	MP4A	Z	0	4.5
60	MP4A	Mx	.027	4.5
61	MP4B	X	-33.388	.5
62	MP4B	Z	0	.5
63	MP4B	Mx	-.001	.5
64	MP4B	X	-33.388	4.5
65	MP4B	Z	0	4.5
66	MP4B	Mx	-.001	4.5
67	MP4C	X	-33.388	.5
68	MP4C	Z	0	.5
69	MP4C	Mx	-.035	.5
70	MP4C	X	-33.388	4.5
71	MP4C	Z	0	4.5
72	MP4C	Mx	-.035	4.5
73	MP4A	X	-24.746	.5
74	MP4A	Z	0	.5
75	MP4A	Mx	.027	.5
76	MP4A	X	-24.746	4.5
77	MP4A	Z	0	4.5
78	MP4A	Mx	.027	4.5
79	MP4B	X	-33.388	.5
80	MP4B	Z	0	.5
81	MP4B	Mx	-.035	.5
82	MP4B	X	-33.388	4.5
83	MP4B	Z	0	4.5
84	MP4B	Mx	-.035	4.5
85	MP4C	X	-33.388	.5
86	MP4C	Z	0	.5
87	MP4C	Mx	-.001	.5
88	MP4C	X	-33.388	4.5
89	MP4C	Z	0	4.5
90	MP4C	Mx	-.001	4.5
91	MP1B	X	-24.088	.5
92	MP1B	Z	0	.5
93	MP1B	Mx	-.015	.5
94	MP1B	X	-24.088	3.5
95	MP1B	Z	0	3.5
96	MP1B	Mx	-.015	3.5
97	MP5B	X	-24.088	.5
98	MP5B	Z	0	.5
99	MP5B	Mx	-.015	.5
100	MP5B	X	-24.088	3.5
101	MP5B	Z	0	3.5
102	MP5B	Mx	-.015	3.5
103	MP4A	X	-11.317	2
104	MP4A	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4A	Mx	-.008	2
106	MP4B	X	-15.028	2
107	MP4B	Z	0	2
108	MP4B	Mx	.006	2
109	MP4C	X	-15.028	2
110	MP4C	Z	0	2
111	MP4C	Mx	.006	2
112	MP3A	X	-9.436	2
113	MP3A	Z	0	2
114	MP3A	Mx	-.006	2
115	MP3B	X	-14.558	2
116	MP3B	Z	0	2
117	MP3B	Mx	.005	2
118	MP3C	X	-14.558	2
119	MP3C	Z	0	2
120	MP3C	Mx	.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-16.754	.5
2	MP1A	Z	-9.673	.5
3	MP1A	Mx	.021	.5
4	MP1A	X	-16.754	3.5
5	MP1A	Z	-9.673	3.5
6	MP1A	Mx	.021	3.5
7	MP1C	X	-16.754	.5
8	MP1C	Z	-9.673	.5
9	MP1C	Mx	-.021	.5
10	MP1C	X	-16.754	3.5
11	MP1C	Z	-9.673	3.5
12	MP1C	Mx	-.021	3.5
13	MP5A	X	-16.754	.5
14	MP5A	Z	-9.673	.5
15	MP5A	Mx	.021	.5
16	MP5A	X	-16.754	3.5
17	MP5A	Z	-9.673	3.5
18	MP5A	Mx	.021	3.5
19	MP5C	X	-16.754	.5
20	MP5C	Z	-9.673	.5
21	MP5C	Mx	-.021	.5
22	MP5C	X	-16.754	3.5
23	MP5C	Z	-9.673	3.5
24	MP5C	Mx	-.021	3.5
25	MP2A	X	-2.783	3
26	MP2A	Z	-1.607	3
27	MP2A	Mx	.000402	3
28	MP2B	X	-3.423	3
29	MP2B	Z	-1.976	3
30	MP2B	Mx	-.000988	3
31	MP2C	X	-2.783	3
32	MP2C	Z	-1.607	3
33	MP2C	Mx	.000402	3
34	M39	X	-22.843	3
35	M39	Z	-13.188	3
36	M39	Mx	0	3
37	MP2A	X	-9.517	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	-5.495	1
39	MP2A	Mx	.005	1
40	MP2A	X	-9.517	3
41	MP2A	Z	-5.495	3
42	MP2A	Mx	.005	3
43	MP2B	X	-16.708	1
44	MP2B	Z	-9.647	1
45	MP2B	Mx	0	1
46	MP2B	X	-16.708	3
47	MP2B	Z	-9.647	3
48	MP2B	Mx	0	3
49	MP2C	X	-9.517	1
50	MP2C	Z	-5.495	1
51	MP2C	Mx	-.005	1
52	MP2C	X	-9.517	3
53	MP2C	Z	-5.495	3
54	MP2C	Mx	-.005	3
55	MP4A	X	-23.925	.5
56	MP4A	Z	-13.813	.5
57	MP4A	Mx	.018	.5
58	MP4A	X	-23.925	4.5
59	MP4A	Z	-13.813	4.5
60	MP4A	Mx	.018	4.5
61	MP4B	X	-31.41	.5
62	MP4B	Z	-18.134	.5
63	MP4B	Mx	.021	.5
64	MP4B	X	-31.41	4.5
65	MP4B	Z	-18.134	4.5
66	MP4B	Mx	.021	4.5
67	MP4C	X	-23.925	.5
68	MP4C	Z	-13.813	.5
69	MP4C	Mx	-.034	.5
70	MP4C	X	-23.925	4.5
71	MP4C	Z	-13.813	4.5
72	MP4C	Mx	-.034	4.5
73	MP4A	X	-23.925	.5
74	MP4A	Z	-13.813	.5
75	MP4A	Mx	.034	.5
76	MP4A	X	-23.925	4.5
77	MP4A	Z	-13.813	4.5
78	MP4A	Mx	.034	4.5
79	MP4B	X	-31.41	.5
80	MP4B	Z	-18.134	.5
81	MP4B	Mx	-.021	.5
82	MP4B	X	-31.41	4.5
83	MP4B	Z	-18.134	4.5
84	MP4B	Mx	-.021	4.5
85	MP4C	X	-23.925	.5
86	MP4C	Z	-13.813	.5
87	MP4C	Mx	-.018	.5
88	MP4C	X	-23.925	4.5
89	MP4C	Z	-13.813	4.5
90	MP4C	Mx	-.018	4.5
91	MP1B	X	-21.445	.5
92	MP1B	Z	-12.381	.5
93	MP1B	Mx	0	.5
94	MP1B	X	-21.445	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP1B	Z	-12.381	3.5
96	MP1B	Mx	0	3.5
97	MP5B	X	-21.445	.5
98	MP5B	Z	-12.381	.5
99	MP5B	Mx	0	.5
100	MP5B	X	-21.445	3.5
101	MP5B	Z	-12.381	3.5
102	MP5B	Mx	0	3.5
103	MP4A	X	-10.872	2
104	MP4A	Z	-6.277	2
105	MP4A	Mx	-.008	2
106	MP4B	X	-14.086	2
107	MP4B	Z	-8.133	2
108	MP4B	Mx	0	2
109	MP4C	X	-10.872	2
110	MP4C	Z	-6.277	2
111	MP4C	Mx	.008	2
112	MP3A	X	-9.65	2
113	MP3A	Z	-5.572	2
114	MP3A	Mx	-.006	2
115	MP3B	X	-14.086	2
116	MP3B	Z	-8.133	2
117	MP3B	Mx	0	2
118	MP3C	X	-9.65	2
119	MP3C	Z	-5.572	2
120	MP3C	Mx	.006	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-7.057	.5
2	MP1A	Z	-12.223	.5
3	MP1A	Mx	.009	.5
4	MP1A	X	-7.057	3.5
5	MP1A	Z	-12.223	3.5
6	MP1A	Mx	.009	3.5
7	MP1C	X	-10.981	.5
8	MP1C	Z	-19.019	.5
9	MP1C	Mx	-.027	.5
10	MP1C	X	-10.981	3.5
11	MP1C	Z	-19.019	3.5
12	MP1C	Mx	-.027	3.5
13	MP5A	X	-7.057	.5
14	MP5A	Z	-12.223	.5
15	MP5A	Mx	.009	.5
16	MP5A	X	-7.057	3.5
17	MP5A	Z	-12.223	3.5
18	MP5A	Mx	.009	3.5
19	MP5C	X	-10.981	.5
20	MP5C	Z	-19.019	.5
21	MP5C	Mx	-.027	.5
22	MP5C	X	-10.981	3.5
23	MP5C	Z	-19.019	3.5
24	MP5C	Mx	-.027	3.5
25	MP2A	X	-1.853	3
26	MP2A	Z	-3.21	3
27	MP2A	Mx	.000802	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP2B	X	-1.853	3
29	MP2B	Z	-3.21	3
30	MP2B	Mx	-.000802	3
31	MP2C	X	-1.483	3
32	MP2C	Z	-2.569	3
33	MP2C	Mx	0	3
34	M39	X	-18.235	3
35	M39	Z	-31.584	3
36	M39	Mx	0	3
37	MP2A	X	-8.263	1
38	MP2A	Z	-14.311	1
39	MP2A	Mx	.004	1
40	MP2A	X	-8.263	3
41	MP2A	Z	-14.311	3
42	MP2A	Mx	.004	3
43	MP2B	X	-8.263	1
44	MP2B	Z	-14.311	1
45	MP2B	Mx	.004	1
46	MP2B	X	-8.263	3
47	MP2B	Z	-14.311	3
48	MP2B	Mx	.004	3
49	MP2C	X	-4.111	1
50	MP2C	Z	-7.12	1
51	MP2C	Mx	-.004	1
52	MP2C	X	-4.111	3
53	MP2C	Z	-7.12	3
54	MP2C	Mx	-.004	3
55	MP4A	X	-16.694	.5
56	MP4A	Z	-28.915	.5
57	MP4A	Mx	.001	.5
58	MP4A	X	-16.694	4.5
59	MP4A	Z	-28.915	4.5
60	MP4A	Mx	.001	4.5
61	MP4B	X	-16.694	.5
62	MP4B	Z	-28.915	.5
63	MP4B	Mx	.035	.5
64	MP4B	X	-16.694	4.5
65	MP4B	Z	-28.915	4.5
66	MP4B	Mx	.035	4.5
67	MP4C	X	-12.373	.5
68	MP4C	Z	-21.43	.5
69	MP4C	Mx	-.027	.5
70	MP4C	X	-12.373	4.5
71	MP4C	Z	-21.43	4.5
72	MP4C	Mx	-.027	4.5
73	MP4A	X	-16.694	.5
74	MP4A	Z	-28.915	.5
75	MP4A	Mx	.035	.5
76	MP4A	X	-16.694	4.5
77	MP4A	Z	-28.915	4.5
78	MP4A	Mx	.035	4.5
79	MP4B	X	-16.694	.5
80	MP4B	Z	-28.915	.5
81	MP4B	Mx	.001	.5
82	MP4B	X	-16.694	4.5
83	MP4B	Z	-28.915	4.5
84	MP4B	Mx	.001	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP4C	X	-12.373	.5
86	MP4C	Z	-21.43	.5
87	MP4C	Mx	-.027	.5
88	MP4C	X	-12.373	4.5
89	MP4C	Z	-21.43	4.5
90	MP4C	Mx	-.027	4.5
91	MP1B	X	-12.044	.5
92	MP1B	Z	-20.861	.5
93	MP1B	Mx	.015	.5
94	MP1B	X	-12.044	3.5
95	MP1B	Z	-20.861	3.5
96	MP1B	Mx	.015	3.5
97	MP5B	X	-12.044	.5
98	MP5B	Z	-20.861	.5
99	MP5B	Mx	.015	.5
100	MP5B	X	-12.044	3.5
101	MP5B	Z	-20.861	3.5
102	MP5B	Mx	.015	3.5
103	MP4A	X	-7.514	2
104	MP4A	Z	-13.015	2
105	MP4A	Mx	-.006	2
106	MP4B	X	-7.514	2
107	MP4B	Z	-13.015	2
108	MP4B	Mx	-.006	2
109	MP4C	X	-5.658	2
110	MP4C	Z	-9.8	2
111	MP4C	Mx	.008	2
112	MP3A	X	-7.279	2
113	MP3A	Z	-12.608	2
114	MP3A	Mx	-.005	2
115	MP3B	X	-7.279	2
116	MP3B	Z	-12.608	2
117	MP3B	Mx	-.005	2
118	MP3C	X	-4.718	2
119	MP3C	Z	-8.172	2
120	MP3C	Mx	.006	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.5
2	MP1A	Z	-3.412	.5
3	MP1A	Mx	0	.5
4	MP1A	X	0	3.5
5	MP1A	Z	-3.412	3.5
6	MP1A	Mx	0	3.5
7	MP1C	X	0	.5
8	MP1C	Z	-6.146	.5
9	MP1C	Mx	-.007	.5
10	MP1C	X	0	3.5
11	MP1C	Z	-6.146	3.5
12	MP1C	Mx	-.007	3.5
13	MP5A	X	0	.5
14	MP5A	Z	-3.412	.5
15	MP5A	Mx	0	.5
16	MP5A	X	0	3.5
17	MP5A	Z	-3.412	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP5A	Mx	0	3.5
19	MP5C	X	0	.5
20	MP5C	Z	-6.146	.5
21	MP5C	Mx	-.007	.5
22	MP5C	X	0	3.5
23	MP5C	Z	-6.146	3.5
24	MP5C	Mx	-.007	3.5
25	MP2A	X	0	3
26	MP2A	Z	-.967	3
27	MP2A	Mx	.000242	3
28	MP2B	X	0	3
29	MP2B	Z	-.744	3
30	MP2B	Mx	-9.3e-5	3
31	MP2C	X	0	3
32	MP2C	Z	-.744	3
33	MP2C	Mx	-9.3e-5	3
34	M39	X	0	3
35	M39	Z	-12.329	3
36	M39	Mx	0	3
37	MP2A	X	0	1
38	MP2A	Z	-6.144	1
39	MP2A	Mx	0	1
40	MP2A	X	0	3
41	MP2A	Z	-6.144	3
42	MP2A	Mx	0	3
43	MP2B	X	0	1
44	MP2B	Z	-3.34	1
45	MP2B	Mx	.001	1
46	MP2B	X	0	3
47	MP2B	Z	-3.34	3
48	MP2B	Mx	.001	3
49	MP2C	X	0	1
50	MP2C	Z	-3.34	1
51	MP2C	Mx	-.001	1
52	MP2C	X	0	3
53	MP2C	Z	-3.34	3
54	MP2C	Mx	-.001	3
55	MP4A	X	0	.5
56	MP4A	Z	-11.909	.5
57	MP4A	Mx	-.007	.5
58	MP4A	X	0	4.5
59	MP4A	Z	-11.909	4.5
60	MP4A	Mx	-.007	4.5
61	MP4B	X	0	.5
62	MP4B	Z	-8.844	.5
63	MP4B	Mx	.011	.5
64	MP4B	X	0	4.5
65	MP4B	Z	-8.844	4.5
66	MP4B	Mx	.011	4.5
67	MP4C	X	0	.5
68	MP4C	Z	-8.844	.5
69	MP4C	Mx	-.006	.5
70	MP4C	X	0	4.5
71	MP4C	Z	-8.844	4.5
72	MP4C	Mx	-.006	4.5
73	MP4A	X	0	.5
74	MP4A	Z	-11.909	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP4A	Mx	.007	.5
76	MP4A	X	0	4.5
77	MP4A	Z	-11.909	4.5
78	MP4A	Mx	.007	4.5
79	MP4B	X	0	.5
80	MP4B	Z	-8.844	.5
81	MP4B	Mx	.006	.5
82	MP4B	X	0	4.5
83	MP4B	Z	-8.844	4.5
84	MP4B	Mx	.006	4.5
85	MP4C	X	0	.5
86	MP4C	Z	-8.844	.5
87	MP4C	Mx	-.011	.5
88	MP4C	X	0	4.5
89	MP4C	Z	-8.844	4.5
90	MP4C	Mx	-.011	4.5
91	MP1B	X	0	.5
92	MP1B	Z	-7.328	.5
93	MP1B	Mx	.008	.5
94	MP1B	X	0	3.5
95	MP1B	Z	-7.328	3.5
96	MP1B	Mx	.008	3.5
97	MP5B	X	0	.5
98	MP5B	Z	-7.328	.5
99	MP5B	Mx	.008	.5
100	MP5B	X	0	3.5
101	MP5B	Z	-7.328	3.5
102	MP5B	Mx	.008	3.5
103	MP4A	X	0	2
104	MP4A	Z	-4.889	2
105	MP4A	Mx	0	2
106	MP4B	X	0	2
107	MP4B	Z	-3.673	2
108	MP4B	Mx	-.002	2
109	MP4C	X	0	2
110	MP4C	Z	-3.673	2
111	MP4C	Mx	.002	2
112	MP3A	X	0	2
113	MP3A	Z	-4.889	2
114	MP3A	Mx	0	2
115	MP3B	X	0	2
116	MP3B	Z	-3.208	2
117	MP3B	Mx	-.002	2
118	MP3C	X	0	2
119	MP3C	Z	-3.208	2
120	MP3C	Mx	.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.162	.5
2	MP1A	Z	-3.744	.5
3	MP1A	Mx	-.003	.5
4	MP1A	X	2.162	3.5
5	MP1A	Z	-3.744	3.5
6	MP1A	Mx	-.003	3.5
7	MP1C	X	2.162	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1C	Z	-3.744	.5
9	MP1C	Mx	-.003	.5
10	MP1C	X	2.162	3.5
11	MP1C	Z	-3.744	3.5
12	MP1C	Mx	-.003	3.5
13	MP5A	X	2.162	.5
14	MP5A	Z	-3.744	.5
15	MP5A	Mx	-.003	.5
16	MP5A	X	2.162	3.5
17	MP5A	Z	-3.744	3.5
18	MP5A	Mx	-.003	3.5
19	MP5C	X	2.162	.5
20	MP5C	Z	-3.744	.5
21	MP5C	Mx	-.003	.5
22	MP5C	X	2.162	3.5
23	MP5C	Z	-3.744	3.5
24	MP5C	Mx	-.003	3.5
25	MP2A	X	.446	3
26	MP2A	Z	-.773	3
27	MP2A	Mx	.000193	3
28	MP2B	X	.335	3
29	MP2B	Z	-.58	3
30	MP2B	Mx	0	3
31	MP2C	X	.446	3
32	MP2C	Z	-.773	3
33	MP2C	Mx	-.000193	3
34	M39	X	4.762	3
35	M39	Z	-8.249	3
36	M39	Mx	0	3
37	MP2A	X	2.605	1
38	MP2A	Z	-4.512	1
39	MP2A	Mx	-.001	1
40	MP2A	X	2.605	3
41	MP2A	Z	-4.512	3
42	MP2A	Mx	-.001	3
43	MP2B	X	1.203	1
44	MP2B	Z	-2.083	1
45	MP2B	Mx	.001	1
46	MP2B	X	1.203	3
47	MP2B	Z	-2.083	3
48	MP2B	Mx	.001	3
49	MP2C	X	2.605	1
50	MP2C	Z	-4.512	1
51	MP2C	Mx	-.001	1
52	MP2C	X	2.605	3
53	MP2C	Z	-4.512	3
54	MP2C	Mx	-.001	3
55	MP4A	X	5.444	.5
56	MP4A	Z	-9.429	.5
57	MP4A	Mx	-.011	.5
58	MP4A	X	5.444	4.5
59	MP4A	Z	-9.429	4.5
60	MP4A	Mx	-.011	4.5
61	MP4B	X	3.911	.5
62	MP4B	Z	-6.774	.5
63	MP4B	Mx	.008	.5
64	MP4B	X	3.911	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP4B	Z	-6.774	4.5
66	MP4B	Mx	.008	4.5
67	MP4C	X	5.444	.5
68	MP4C	Z	-9.429	.5
69	MP4C	Mx	-.000397	.5
70	MP4C	X	5.444	4.5
71	MP4C	Z	-9.429	4.5
72	MP4C	Mx	-.000397	4.5
73	MP4A	X	5.444	.5
74	MP4A	Z	-9.429	.5
75	MP4A	Mx	-.000397	.5
76	MP4A	X	5.444	4.5
77	MP4A	Z	-9.429	4.5
78	MP4A	Mx	-.000397	4.5
79	MP4B	X	3.911	.5
80	MP4B	Z	-6.774	.5
81	MP4B	Mx	.008	.5
82	MP4B	X	3.911	4.5
83	MP4B	Z	-6.774	4.5
84	MP4B	Mx	.008	4.5
85	MP4C	X	5.444	.5
86	MP4C	Z	-9.429	.5
87	MP4C	Mx	-.011	.5
88	MP4C	X	5.444	4.5
89	MP4C	Z	-9.429	4.5
90	MP4C	Mx	-.011	4.5
91	MP1B	X	3.546	.5
92	MP1B	Z	-6.141	.5
93	MP1B	Mx	.009	.5
94	MP1B	X	3.546	3.5
95	MP1B	Z	-6.141	3.5
96	MP1B	Mx	.009	3.5
97	MP5B	X	3.546	.5
98	MP5B	Z	-6.141	.5
99	MP5B	Mx	.009	.5
100	MP5B	X	3.546	3.5
101	MP5B	Z	-6.141	3.5
102	MP5B	Mx	.009	3.5
103	MP4A	X	2.242	2
104	MP4A	Z	-3.883	2
105	MP4A	Mx	.002	2
106	MP4B	X	1.634	2
107	MP4B	Z	-2.83	2
108	MP4B	Mx	-.002	2
109	MP4C	X	2.242	2
110	MP4C	Z	-3.883	2
111	MP4C	Mx	.002	2
112	MP3A	X	2.164	2
113	MP3A	Z	-3.749	2
114	MP3A	Mx	.001	2
115	MP3B	X	1.324	2
116	MP3B	Z	-2.293	2
117	MP3B	Mx	-.002	2
118	MP3C	X	2.164	2
119	MP3C	Z	-3.749	2
120	MP3C	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	5.323	.5
2	MP1A	Z	-3.073	.5
3	MP1A	Mx	-.007	.5
4	MP1A	X	5.323	3.5
5	MP1A	Z	-3.073	3.5
6	MP1A	Mx	-.007	3.5
7	MP1C	X	2.955	.5
8	MP1C	Z	-1.706	.5
9	MP1C	Mx	0	.5
10	MP1C	X	2.955	3.5
11	MP1C	Z	-1.706	3.5
12	MP1C	Mx	0	3.5
13	MP5A	X	5.323	.5
14	MP5A	Z	-3.073	.5
15	MP5A	Mx	-.007	.5
16	MP5A	X	5.323	3.5
17	MP5A	Z	-3.073	3.5
18	MP5A	Mx	-.007	3.5
19	MP5C	X	2.955	.5
20	MP5C	Z	-1.706	.5
21	MP5C	Mx	0	.5
22	MP5C	X	2.955	3.5
23	MP5C	Z	-1.706	3.5
24	MP5C	Mx	0	3.5
25	MP2A	X	.644	3
26	MP2A	Z	-.372	3
27	MP2A	Mx	9.3e-5	3
28	MP2B	X	.644	3
29	MP2B	Z	-.372	3
30	MP2B	Mx	9.3e-5	3
31	MP2C	X	.838	3
32	MP2C	Z	-.484	3
33	MP2C	Mx	-.000242	3
34	M39	X	5.27	3
35	M39	Z	-3.043	3
36	M39	Mx	0	3
37	MP2A	X	2.893	1
38	MP2A	Z	-1.67	1
39	MP2A	Mx	-.001	1
40	MP2A	X	2.893	3
41	MP2A	Z	-1.67	3
42	MP2A	Mx	-.001	3
43	MP2B	X	2.893	1
44	MP2B	Z	-1.67	1
45	MP2B	Mx	.001	1
46	MP2B	X	2.893	3
47	MP2B	Z	-1.67	3
48	MP2B	Mx	.001	3
49	MP2C	X	5.321	1
50	MP2C	Z	-3.072	1
51	MP2C	Mx	0	1
52	MP2C	X	5.321	3
53	MP2C	Z	-3.072	3
54	MP2C	Mx	0	3
55	MP4A	X	7.659	.5
56	MP4A	Z	-4.422	.5
57	MP4A	Mx	-.011	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	7.659	4.5
59	MP4A	Z	-4.422	4.5
60	MP4A	Mx	-.011	4.5
61	MP4B	X	7.659	.5
62	MP4B	Z	-4.422	.5
63	MP4B	Mx	.006	.5
64	MP4B	X	7.659	4.5
65	MP4B	Z	-4.422	4.5
66	MP4B	Mx	.006	4.5
67	MP4C	X	10.314	.5
68	MP4C	Z	-5.955	.5
69	MP4C	Mx	.007	.5
70	MP4C	X	10.314	4.5
71	MP4C	Z	-5.955	4.5
72	MP4C	Mx	.007	4.5
73	MP4A	X	7.659	.5
74	MP4A	Z	-4.422	.5
75	MP4A	Mx	-.006	.5
76	MP4A	X	7.659	4.5
77	MP4A	Z	-4.422	4.5
78	MP4A	Mx	-.006	4.5
79	MP4B	X	7.659	.5
80	MP4B	Z	-4.422	.5
81	MP4B	Mx	.011	.5
82	MP4B	X	7.659	4.5
83	MP4B	Z	-4.422	4.5
84	MP4B	Mx	.011	4.5
85	MP4C	X	10.314	.5
86	MP4C	Z	-5.955	.5
87	MP4C	Mx	-.007	.5
88	MP4C	X	10.314	4.5
89	MP4C	Z	-5.955	4.5
90	MP4C	Mx	-.007	4.5
91	MP1B	X	6.347	.5
92	MP1B	Z	-3.664	.5
93	MP1B	Mx	.008	.5
94	MP1B	X	6.347	3.5
95	MP1B	Z	-3.664	3.5
96	MP1B	Mx	.008	3.5
97	MP5B	X	6.347	.5
98	MP5B	Z	-3.664	.5
99	MP5B	Mx	.008	.5
100	MP5B	X	6.347	3.5
101	MP5B	Z	-3.664	3.5
102	MP5B	Mx	.008	3.5
103	MP4A	X	3.181	2
104	MP4A	Z	-1.837	2
105	MP4A	Mx	.002	2
106	MP4B	X	3.181	2
107	MP4B	Z	-1.837	2
108	MP4B	Mx	-.002	2
109	MP4C	X	4.234	2
110	MP4C	Z	-2.445	2
111	MP4C	Mx	0	2
112	MP3A	X	2.778	2
113	MP3A	Z	-1.604	2
114	MP3A	Mx	.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP3B	X	2.778	2
116	MP3B	Z	-1.604	2
117	MP3B	Mx	-.002	2
118	MP3C	X	4.234	2
119	MP3C	Z	-2.445	2
120	MP3C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	7.058	.5
2	MP1A	Z	0	.5
3	MP1A	Mx	-.009	.5
4	MP1A	X	7.058	3.5
5	MP1A	Z	0	3.5
6	MP1A	Mx	-.009	3.5
7	MP1C	X	4.323	.5
8	MP1C	Z	0	.5
9	MP1C	Mx	.003	.5
10	MP1C	X	4.323	3.5
11	MP1C	Z	0	3.5
12	MP1C	Mx	.003	3.5
13	MP5A	X	7.058	.5
14	MP5A	Z	0	.5
15	MP5A	Mx	-.009	.5
16	MP5A	X	7.058	3.5
17	MP5A	Z	0	3.5
18	MP5A	Mx	-.009	3.5
19	MP5C	X	4.323	.5
20	MP5C	Z	0	.5
21	MP5C	Mx	.003	.5
22	MP5C	X	4.323	3.5
23	MP5C	Z	0	3.5
24	MP5C	Mx	.003	3.5
25	MP2A	X	.669	3
26	MP2A	Z	0	3
27	MP2A	Mx	0	3
28	MP2B	X	.893	3
29	MP2B	Z	0	3
30	MP2B	Mx	.000193	3
31	MP2C	X	.893	3
32	MP2C	Z	0	3
33	MP2C	Mx	-.000193	3
34	M39	X	5.45	3
35	M39	Z	0	3
36	M39	Mx	0	3
37	MP2A	X	2.405	1
38	MP2A	Z	0	1
39	MP2A	Mx	-.001	1
40	MP2A	X	2.405	3
41	MP2A	Z	0	3
42	MP2A	Mx	-.001	3
43	MP2B	X	5.209	1
44	MP2B	Z	0	1
45	MP2B	Mx	.001	1
46	MP2B	X	5.209	3
47	MP2B	Z	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2B	Mx	.001	3
49	MP2C	X	5.209	1
50	MP2C	Z	0	1
51	MP2C	Mx	.001	1
52	MP2C	X	5.209	3
53	MP2C	Z	0	3
54	MP2C	Mx	.001	3
55	MP4A	X	7.822	.5
56	MP4A	Z	0	.5
57	MP4A	Mx	-.008	.5
58	MP4A	X	7.822	4.5
59	MP4A	Z	0	4.5
60	MP4A	Mx	-.008	4.5
61	MP4B	X	10.887	.5
62	MP4B	Z	0	.5
63	MP4B	Mx	.000397	.5
64	MP4B	X	10.887	4.5
65	MP4B	Z	0	4.5
66	MP4B	Mx	.000397	4.5
67	MP4C	X	10.887	.5
68	MP4C	Z	0	.5
69	MP4C	Mx	.011	.5
70	MP4C	X	10.887	4.5
71	MP4C	Z	0	4.5
72	MP4C	Mx	.011	4.5
73	MP4A	X	7.822	.5
74	MP4A	Z	0	.5
75	MP4A	Mx	-.008	.5
76	MP4A	X	7.822	4.5
77	MP4A	Z	0	4.5
78	MP4A	Mx	-.008	4.5
79	MP4B	X	10.887	.5
80	MP4B	Z	0	.5
81	MP4B	Mx	.011	.5
82	MP4B	X	10.887	4.5
83	MP4B	Z	0	4.5
84	MP4B	Mx	.011	4.5
85	MP4C	X	10.887	.5
86	MP4C	Z	0	.5
87	MP4C	Mx	.000397	.5
88	MP4C	X	10.887	4.5
89	MP4C	Z	0	4.5
90	MP4C	Mx	.000397	4.5
91	MP1B	X	7.803	.5
92	MP1B	Z	0	.5
93	MP1B	Mx	.005	.5
94	MP1B	X	7.803	3.5
95	MP1B	Z	0	3.5
96	MP1B	Mx	.005	3.5
97	MP5B	X	7.803	.5
98	MP5B	Z	0	.5
99	MP5B	Mx	.005	.5
100	MP5B	X	7.803	3.5
101	MP5B	Z	0	3.5
102	MP5B	Mx	.005	3.5
103	MP4A	X	3.268	2
104	MP4A	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4A	Mx	.002	2
106	MP4B	X	4.484	2
107	MP4B	Z	0	2
108	MP4B	Mx	-.002	2
109	MP4C	X	4.484	2
110	MP4C	Z	0	2
111	MP4C	Mx	-.002	2
112	MP3A	X	2.647	2
113	MP3A	Z	0	2
114	MP3A	Mx	.002	2
115	MP3B	X	4.329	2
116	MP3B	Z	0	2
117	MP3B	Mx	-.001	2
118	MP3C	X	4.329	2
119	MP3C	Z	0	2
120	MP3C	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	5.323	.5
2	MP1A	Z	3.073	.5
3	MP1A	Mx	-.007	.5
4	MP1A	X	5.323	3.5
5	MP1A	Z	3.073	3.5
6	MP1A	Mx	-.007	3.5
7	MP1C	X	5.323	.5
8	MP1C	Z	3.073	.5
9	MP1C	Mx	.007	.5
10	MP1C	X	5.323	3.5
11	MP1C	Z	3.073	3.5
12	MP1C	Mx	.007	3.5
13	MP5A	X	5.323	.5
14	MP5A	Z	3.073	.5
15	MP5A	Mx	-.007	.5
16	MP5A	X	5.323	3.5
17	MP5A	Z	3.073	3.5
18	MP5A	Mx	-.007	3.5
19	MP5C	X	5.323	.5
20	MP5C	Z	3.073	.5
21	MP5C	Mx	.007	.5
22	MP5C	X	5.323	3.5
23	MP5C	Z	3.073	3.5
24	MP5C	Mx	.007	3.5
25	MP2A	X	.644	3
26	MP2A	Z	.372	3
27	MP2A	Mx	-9.3e-5	3
28	MP2B	X	.838	3
29	MP2B	Z	.484	3
30	MP2B	Mx	.000242	3
31	MP2C	X	.644	3
32	MP2C	Z	.372	3
33	MP2C	Mx	-9.3e-5	3
34	M39	X	7.148	3
35	M39	Z	4.127	3
36	M39	Mx	0	3
37	MP2A	X	2.893	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	1.67	1
39	MP2A	Mx	-.001	1
40	MP2A	X	2.893	3
41	MP2A	Z	1.67	3
42	MP2A	Mx	-.001	3
43	MP2B	X	5.321	1
44	MP2B	Z	3.072	1
45	MP2B	Mx	0	1
46	MP2B	X	5.321	3
47	MP2B	Z	3.072	3
48	MP2B	Mx	0	3
49	MP2C	X	2.893	1
50	MP2C	Z	1.67	1
51	MP2C	Mx	.001	1
52	MP2C	X	2.893	3
53	MP2C	Z	1.67	3
54	MP2C	Mx	.001	3
55	MP4A	X	7.659	.5
56	MP4A	Z	4.422	.5
57	MP4A	Mx	-.006	.5
58	MP4A	X	7.659	4.5
59	MP4A	Z	4.422	4.5
60	MP4A	Mx	-.006	4.5
61	MP4B	X	10.314	.5
62	MP4B	Z	5.955	.5
63	MP4B	Mx	-.007	.5
64	MP4B	X	10.314	4.5
65	MP4B	Z	5.955	4.5
66	MP4B	Mx	-.007	4.5
67	MP4C	X	7.659	.5
68	MP4C	Z	4.422	.5
69	MP4C	Mx	.011	.5
70	MP4C	X	7.659	4.5
71	MP4C	Z	4.422	4.5
72	MP4C	Mx	.011	4.5
73	MP4A	X	7.659	.5
74	MP4A	Z	4.422	.5
75	MP4A	Mx	-.011	.5
76	MP4A	X	7.659	4.5
77	MP4A	Z	4.422	4.5
78	MP4A	Mx	-.011	4.5
79	MP4B	X	10.314	.5
80	MP4B	Z	5.955	.5
81	MP4B	Mx	.007	.5
82	MP4B	X	10.314	4.5
83	MP4B	Z	5.955	4.5
84	MP4B	Mx	.007	4.5
85	MP4C	X	7.659	.5
86	MP4C	Z	4.422	.5
87	MP4C	Mx	.006	.5
88	MP4C	X	7.659	4.5
89	MP4C	Z	4.422	4.5
90	MP4C	Mx	.006	4.5
91	MP1B	X	6.963	.5
92	MP1B	Z	4.02	.5
93	MP1B	Mx	0	.5
94	MP1B	X	6.963	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP1B	Z	4.02	3.5
96	MP1B	Mx	0	3.5
97	MP5B	X	6.963	.5
98	MP5B	Z	4.02	.5
99	MP5B	Mx	0	.5
100	MP5B	X	6.963	3.5
101	MP5B	Z	4.02	3.5
102	MP5B	Mx	0	3.5
103	MP4A	X	3.181	2
104	MP4A	Z	1.837	2
105	MP4A	Mx	.002	2
106	MP4B	X	4.234	2
107	MP4B	Z	2.445	2
108	MP4B	Mx	0	2
109	MP4C	X	3.181	2
110	MP4C	Z	1.837	2
111	MP4C	Mx	-.002	2
112	MP3A	X	2.778	2
113	MP3A	Z	1.604	2
114	MP3A	Mx	.002	2
115	MP3B	X	4.234	2
116	MP3B	Z	2.445	2
117	MP3B	Mx	0	2
118	MP3C	X	2.778	2
119	MP3C	Z	1.604	2
120	MP3C	Mx	-.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.162	.5
2	MP1A	Z	3.744	.5
3	MP1A	Mx	-.003	.5
4	MP1A	X	2.162	3.5
5	MP1A	Z	3.744	3.5
6	MP1A	Mx	-.003	3.5
7	MP1C	X	3.529	.5
8	MP1C	Z	6.112	.5
9	MP1C	Mx	.009	.5
10	MP1C	X	3.529	3.5
11	MP1C	Z	6.112	3.5
12	MP1C	Mx	.009	3.5
13	MP5A	X	2.162	.5
14	MP5A	Z	3.744	.5
15	MP5A	Mx	-.003	.5
16	MP5A	X	2.162	3.5
17	MP5A	Z	3.744	3.5
18	MP5A	Mx	-.003	3.5
19	MP5C	X	3.529	.5
20	MP5C	Z	6.112	.5
21	MP5C	Mx	.009	.5
22	MP5C	X	3.529	3.5
23	MP5C	Z	6.112	3.5
24	MP5C	Mx	.009	3.5
25	MP2A	X	.446	3
26	MP2A	Z	.773	3
27	MP2A	Mx	-.000193	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP2B	X	.446	3
29	MP2B	Z	.773	3
30	MP2B	Mx	.000193	3
31	MP2C	X	.335	3
32	MP2C	Z	.58	3
33	MP2C	Mx	0	3
34	M39	X	5.847	3
35	M39	Z	10.127	3
36	M39	Mx	0	3
37	MP2A	X	2.605	1
38	MP2A	Z	4.512	1
39	MP2A	Mx	-.001	1
40	MP2A	X	2.605	3
41	MP2A	Z	4.512	3
42	MP2A	Mx	-.001	3
43	MP2B	X	2.605	1
44	MP2B	Z	4.512	1
45	MP2B	Mx	-.001	1
46	MP2B	X	2.605	3
47	MP2B	Z	4.512	3
48	MP2B	Mx	-.001	3
49	MP2C	X	1.203	1
50	MP2C	Z	2.083	1
51	MP2C	Mx	.001	1
52	MP2C	X	1.203	3
53	MP2C	Z	2.083	3
54	MP2C	Mx	.001	3
55	MP4A	X	5.444	.5
56	MP4A	Z	9.429	.5
57	MP4A	Mx	-.000397	.5
58	MP4A	X	5.444	4.5
59	MP4A	Z	9.429	4.5
60	MP4A	Mx	-.000397	4.5
61	MP4B	X	5.444	.5
62	MP4B	Z	9.429	.5
63	MP4B	Mx	-.011	.5
64	MP4B	X	5.444	4.5
65	MP4B	Z	9.429	4.5
66	MP4B	Mx	-.011	4.5
67	MP4C	X	3.911	.5
68	MP4C	Z	6.774	.5
69	MP4C	Mx	.008	.5
70	MP4C	X	3.911	4.5
71	MP4C	Z	6.774	4.5
72	MP4C	Mx	.008	4.5
73	MP4A	X	5.444	.5
74	MP4A	Z	9.429	.5
75	MP4A	Mx	-.011	.5
76	MP4A	X	5.444	4.5
77	MP4A	Z	9.429	4.5
78	MP4A	Mx	-.011	4.5
79	MP4B	X	5.444	.5
80	MP4B	Z	9.429	.5
81	MP4B	Mx	-.000397	.5
82	MP4B	X	5.444	4.5
83	MP4B	Z	9.429	4.5
84	MP4B	Mx	-.000397	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP4C	X	3.911	.5
86	MP4C	Z	6.774	.5
87	MP4C	Mx	.008	.5
88	MP4C	X	3.911	4.5
89	MP4C	Z	6.774	4.5
90	MP4C	Mx	.008	4.5
91	MP1B	X	3.901	.5
92	MP1B	Z	6.757	.5
93	MP1B	Mx	-.005	.5
94	MP1B	X	3.901	3.5
95	MP1B	Z	6.757	3.5
96	MP1B	Mx	-.005	3.5
97	MP5B	X	3.901	.5
98	MP5B	Z	6.757	.5
99	MP5B	Mx	-.005	.5
100	MP5B	X	3.901	3.5
101	MP5B	Z	6.757	3.5
102	MP5B	Mx	-.005	3.5
103	MP4A	X	2.242	2
104	MP4A	Z	3.883	2
105	MP4A	Mx	.002	2
106	MP4B	X	2.242	2
107	MP4B	Z	3.883	2
108	MP4B	Mx	.002	2
109	MP4C	X	1.634	2
110	MP4C	Z	2.83	2
111	MP4C	Mx	-.002	2
112	MP3A	X	2.164	2
113	MP3A	Z	3.749	2
114	MP3A	Mx	.001	2
115	MP3B	X	2.164	2
116	MP3B	Z	3.749	2
117	MP3B	Mx	.001	2
118	MP3C	X	1.324	2
119	MP3C	Z	2.293	2
120	MP3C	Mx	-.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.5
2	MP1A	Z	3.412	.5
3	MP1A	Mx	0	.5
4	MP1A	X	0	3.5
5	MP1A	Z	3.412	3.5
6	MP1A	Mx	0	3.5
7	MP1C	X	0	.5
8	MP1C	Z	6.146	.5
9	MP1C	Mx	.007	.5
10	MP1C	X	0	3.5
11	MP1C	Z	6.146	3.5
12	MP1C	Mx	.007	3.5
13	MP5A	X	0	.5
14	MP5A	Z	3.412	.5
15	MP5A	Mx	0	.5
16	MP5A	X	0	3.5
17	MP5A	Z	3.412	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP5A	Mx	0	3.5
19	MP5C	X	0	.5
20	MP5C	Z	6.146	.5
21	MP5C	Mx	.007	.5
22	MP5C	X	0	3.5
23	MP5C	Z	6.146	3.5
24	MP5C	Mx	.007	3.5
25	MP2A	X	0	3
26	MP2A	Z	.967	3
27	MP2A	Mx	-.000242	3
28	MP2B	X	0	3
29	MP2B	Z	.744	3
30	MP2B	Mx	9.3e-5	3
31	MP2C	X	0	3
32	MP2C	Z	.744	3
33	MP2C	Mx	9.3e-5	3
34	M39	X	0	3
35	M39	Z	12.329	3
36	M39	Mx	0	3
37	MP2A	X	0	1
38	MP2A	Z	6.144	1
39	MP2A	Mx	0	1
40	MP2A	X	0	3
41	MP2A	Z	6.144	3
42	MP2A	Mx	0	3
43	MP2B	X	0	1
44	MP2B	Z	3.34	1
45	MP2B	Mx	-.001	1
46	MP2B	X	0	3
47	MP2B	Z	3.34	3
48	MP2B	Mx	-.001	3
49	MP2C	X	0	1
50	MP2C	Z	3.34	1
51	MP2C	Mx	.001	1
52	MP2C	X	0	3
53	MP2C	Z	3.34	3
54	MP2C	Mx	.001	3
55	MP4A	X	0	.5
56	MP4A	Z	11.909	.5
57	MP4A	Mx	.007	.5
58	MP4A	X	0	4.5
59	MP4A	Z	11.909	4.5
60	MP4A	Mx	.007	4.5
61	MP4B	X	0	.5
62	MP4B	Z	8.844	.5
63	MP4B	Mx	-.011	.5
64	MP4B	X	0	4.5
65	MP4B	Z	8.844	4.5
66	MP4B	Mx	-.011	4.5
67	MP4C	X	0	.5
68	MP4C	Z	8.844	.5
69	MP4C	Mx	.006	.5
70	MP4C	X	0	4.5
71	MP4C	Z	8.844	4.5
72	MP4C	Mx	.006	4.5
73	MP4A	X	0	.5
74	MP4A	Z	11.909	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP4A	Mx	-.007	.5
76	MP4A	X	0	4.5
77	MP4A	Z	11.909	4.5
78	MP4A	Mx	-.007	4.5
79	MP4B	X	0	.5
80	MP4B	Z	8.844	.5
81	MP4B	Mx	-.006	.5
82	MP4B	X	0	4.5
83	MP4B	Z	8.844	4.5
84	MP4B	Mx	-.006	4.5
85	MP4C	X	0	.5
86	MP4C	Z	8.844	.5
87	MP4C	Mx	.011	.5
88	MP4C	X	0	4.5
89	MP4C	Z	8.844	4.5
90	MP4C	Mx	.011	4.5
91	MP1B	X	0	.5
92	MP1B	Z	7.328	.5
93	MP1B	Mx	-.008	.5
94	MP1B	X	0	3.5
95	MP1B	Z	7.328	3.5
96	MP1B	Mx	-.008	3.5
97	MP5B	X	0	.5
98	MP5B	Z	7.328	.5
99	MP5B	Mx	-.008	.5
100	MP5B	X	0	3.5
101	MP5B	Z	7.328	3.5
102	MP5B	Mx	-.008	3.5
103	MP4A	X	0	2
104	MP4A	Z	4.889	2
105	MP4A	Mx	0	2
106	MP4B	X	0	2
107	MP4B	Z	3.673	2
108	MP4B	Mx	.002	2
109	MP4C	X	0	2
110	MP4C	Z	3.673	2
111	MP4C	Mx	-.002	2
112	MP3A	X	0	2
113	MP3A	Z	4.889	2
114	MP3A	Mx	0	2
115	MP3B	X	0	2
116	MP3B	Z	3.208	2
117	MP3B	Mx	.002	2
118	MP3C	X	0	2
119	MP3C	Z	3.208	2
120	MP3C	Mx	-.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.162	.5
2	MP1A	Z	3.744	.5
3	MP1A	Mx	.003	.5
4	MP1A	X	-2.162	3.5
5	MP1A	Z	3.744	3.5
6	MP1A	Mx	.003	3.5
7	MP1C	X	-2.162	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1C	Z	3.744	.5
9	MP1C	Mx	.003	.5
10	MP1C	X	-2.162	3.5
11	MP1C	Z	3.744	3.5
12	MP1C	Mx	.003	3.5
13	MP5A	X	-2.162	.5
14	MP5A	Z	3.744	.5
15	MP5A	Mx	.003	.5
16	MP5A	X	-2.162	3.5
17	MP5A	Z	3.744	3.5
18	MP5A	Mx	.003	3.5
19	MP5C	X	-2.162	.5
20	MP5C	Z	3.744	.5
21	MP5C	Mx	.003	.5
22	MP5C	X	-2.162	3.5
23	MP5C	Z	3.744	3.5
24	MP5C	Mx	.003	3.5
25	MP2A	X	-.446	3
26	MP2A	Z	.773	3
27	MP2A	Mx	-.000193	3
28	MP2B	X	-.335	3
29	MP2B	Z	.58	3
30	MP2B	Mx	0	3
31	MP2C	X	-.446	3
32	MP2C	Z	.773	3
33	MP2C	Mx	.000193	3
34	M39	X	-4.762	3
35	M39	Z	8.249	3
36	M39	Mx	0	3
37	MP2A	X	-2.605	1
38	MP2A	Z	4.512	1
39	MP2A	Mx	.001	1
40	MP2A	X	-2.605	3
41	MP2A	Z	4.512	3
42	MP2A	Mx	.001	3
43	MP2B	X	-1.203	1
44	MP2B	Z	2.083	1
45	MP2B	Mx	-.001	1
46	MP2B	X	-1.203	3
47	MP2B	Z	2.083	3
48	MP2B	Mx	-.001	3
49	MP2C	X	-2.605	1
50	MP2C	Z	4.512	1
51	MP2C	Mx	.001	1
52	MP2C	X	-2.605	3
53	MP2C	Z	4.512	3
54	MP2C	Mx	.001	3
55	MP4A	X	-5.444	.5
56	MP4A	Z	9.429	.5
57	MP4A	Mx	.011	.5
58	MP4A	X	-5.444	4.5
59	MP4A	Z	9.429	4.5
60	MP4A	Mx	.011	4.5
61	MP4B	X	-3.911	.5
62	MP4B	Z	6.774	.5
63	MP4B	Mx	-.008	.5
64	MP4B	X	-3.911	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP4B	Z	6.774	4.5
66	MP4B	Mx	-.008	4.5
67	MP4C	X	-5.444	.5
68	MP4C	Z	9.429	.5
69	MP4C	Mx	.000397	.5
70	MP4C	X	-5.444	4.5
71	MP4C	Z	9.429	4.5
72	MP4C	Mx	.000397	4.5
73	MP4A	X	-5.444	.5
74	MP4A	Z	9.429	.5
75	MP4A	Mx	.000397	.5
76	MP4A	X	-5.444	4.5
77	MP4A	Z	9.429	4.5
78	MP4A	Mx	.000397	4.5
79	MP4B	X	-3.911	.5
80	MP4B	Z	6.774	.5
81	MP4B	Mx	-.008	.5
82	MP4B	X	-3.911	4.5
83	MP4B	Z	6.774	4.5
84	MP4B	Mx	-.008	4.5
85	MP4C	X	-5.444	.5
86	MP4C	Z	9.429	.5
87	MP4C	Mx	.011	.5
88	MP4C	X	-5.444	4.5
89	MP4C	Z	9.429	4.5
90	MP4C	Mx	.011	4.5
91	MP1B	X	-3.546	.5
92	MP1B	Z	6.141	.5
93	MP1B	Mx	-.009	.5
94	MP1B	X	-3.546	3.5
95	MP1B	Z	6.141	3.5
96	MP1B	Mx	-.009	3.5
97	MP5B	X	-3.546	.5
98	MP5B	Z	6.141	.5
99	MP5B	Mx	-.009	.5
100	MP5B	X	-3.546	3.5
101	MP5B	Z	6.141	3.5
102	MP5B	Mx	-.009	3.5
103	MP4A	X	-2.242	2
104	MP4A	Z	3.883	2
105	MP4A	Mx	-.002	2
106	MP4B	X	-1.634	2
107	MP4B	Z	2.83	2
108	MP4B	Mx	.002	2
109	MP4C	X	-2.242	2
110	MP4C	Z	3.883	2
111	MP4C	Mx	-.002	2
112	MP3A	X	-2.164	2
113	MP3A	Z	3.749	2
114	MP3A	Mx	-.001	2
115	MP3B	X	-1.324	2
116	MP3B	Z	2.293	2
117	MP3B	Mx	.002	2
118	MP3C	X	-2.164	2
119	MP3C	Z	3.749	2
120	MP3C	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-5.323	.5
2	MP1A	Z	3.073	.5
3	MP1A	Mx	.007	.5
4	MP1A	X	-5.323	3.5
5	MP1A	Z	3.073	3.5
6	MP1A	Mx	.007	3.5
7	MP1C	X	-2.955	.5
8	MP1C	Z	1.706	.5
9	MP1C	Mx	0	.5
10	MP1C	X	-2.955	3.5
11	MP1C	Z	1.706	3.5
12	MP1C	Mx	0	3.5
13	MP5A	X	-5.323	.5
14	MP5A	Z	3.073	.5
15	MP5A	Mx	.007	.5
16	MP5A	X	-5.323	3.5
17	MP5A	Z	3.073	3.5
18	MP5A	Mx	.007	3.5
19	MP5C	X	-2.955	.5
20	MP5C	Z	1.706	.5
21	MP5C	Mx	0	.5
22	MP5C	X	-2.955	3.5
23	MP5C	Z	1.706	3.5
24	MP5C	Mx	0	3.5
25	MP2A	X	-.644	3
26	MP2A	Z	.372	3
27	MP2A	Mx	-9.3e-5	3
28	MP2B	X	-.644	3
29	MP2B	Z	.372	3
30	MP2B	Mx	-9.3e-5	3
31	MP2C	X	-.838	3
32	MP2C	Z	.484	3
33	MP2C	Mx	.000242	3
34	M39	X	-5.27	3
35	M39	Z	3.043	3
36	M39	Mx	0	3
37	MP2A	X	-2.893	1
38	MP2A	Z	1.67	1
39	MP2A	Mx	.001	1
40	MP2A	X	-2.893	3
41	MP2A	Z	1.67	3
42	MP2A	Mx	.001	3
43	MP2B	X	-2.893	1
44	MP2B	Z	1.67	1
45	MP2B	Mx	-.001	1
46	MP2B	X	-2.893	3
47	MP2B	Z	1.67	3
48	MP2B	Mx	-.001	3
49	MP2C	X	-5.321	1
50	MP2C	Z	3.072	1
51	MP2C	Mx	0	1
52	MP2C	X	-5.321	3
53	MP2C	Z	3.072	3
54	MP2C	Mx	0	3
55	MP4A	X	-7.659	.5
56	MP4A	Z	4.422	.5
57	MP4A	Mx	.011	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	-7.659	4.5
59	MP4A	Z	4.422	4.5
60	MP4A	Mx	.011	4.5
61	MP4B	X	-7.659	.5
62	MP4B	Z	4.422	.5
63	MP4B	Mx	-.006	.5
64	MP4B	X	-7.659	4.5
65	MP4B	Z	4.422	4.5
66	MP4B	Mx	-.006	4.5
67	MP4C	X	-10.314	.5
68	MP4C	Z	5.955	.5
69	MP4C	Mx	-.007	.5
70	MP4C	X	-10.314	4.5
71	MP4C	Z	5.955	4.5
72	MP4C	Mx	-.007	4.5
73	MP4A	X	-7.659	.5
74	MP4A	Z	4.422	.5
75	MP4A	Mx	.006	.5
76	MP4A	X	-7.659	4.5
77	MP4A	Z	4.422	4.5
78	MP4A	Mx	.006	4.5
79	MP4B	X	-7.659	.5
80	MP4B	Z	4.422	.5
81	MP4B	Mx	-.011	.5
82	MP4B	X	-7.659	4.5
83	MP4B	Z	4.422	4.5
84	MP4B	Mx	-.011	4.5
85	MP4C	X	-10.314	.5
86	MP4C	Z	5.955	.5
87	MP4C	Mx	.007	.5
88	MP4C	X	-10.314	4.5
89	MP4C	Z	5.955	4.5
90	MP4C	Mx	.007	4.5
91	MP1B	X	-6.347	.5
92	MP1B	Z	3.664	.5
93	MP1B	Mx	-.008	.5
94	MP1B	X	-6.347	3.5
95	MP1B	Z	3.664	3.5
96	MP1B	Mx	-.008	3.5
97	MP5B	X	-6.347	.5
98	MP5B	Z	3.664	.5
99	MP5B	Mx	-.008	.5
100	MP5B	X	-6.347	3.5
101	MP5B	Z	3.664	3.5
102	MP5B	Mx	-.008	3.5
103	MP4A	X	-3.181	2
104	MP4A	Z	1.837	2
105	MP4A	Mx	-.002	2
106	MP4B	X	-3.181	2
107	MP4B	Z	1.837	2
108	MP4B	Mx	.002	2
109	MP4C	X	-4.234	2
110	MP4C	Z	2.445	2
111	MP4C	Mx	0	2
112	MP3A	X	-2.778	2
113	MP3A	Z	1.604	2
114	MP3A	Mx	-.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP3B	X	-2.778	2
116	MP3B	Z	1.604	2
117	MP3B	Mx	.002	2
118	MP3C	X	-4.234	2
119	MP3C	Z	2.445	2
120	MP3C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-7.058	.5
2	MP1A	Z	0	.5
3	MP1A	Mx	.009	.5
4	MP1A	X	-7.058	3.5
5	MP1A	Z	0	3.5
6	MP1A	Mx	.009	3.5
7	MP1C	X	-4.323	.5
8	MP1C	Z	0	.5
9	MP1C	Mx	-.003	.5
10	MP1C	X	-4.323	3.5
11	MP1C	Z	0	3.5
12	MP1C	Mx	-.003	3.5
13	MP5A	X	-7.058	.5
14	MP5A	Z	0	.5
15	MP5A	Mx	.009	.5
16	MP5A	X	-7.058	3.5
17	MP5A	Z	0	3.5
18	MP5A	Mx	.009	3.5
19	MP5C	X	-4.323	.5
20	MP5C	Z	0	.5
21	MP5C	Mx	-.003	.5
22	MP5C	X	-4.323	3.5
23	MP5C	Z	0	3.5
24	MP5C	Mx	-.003	3.5
25	MP2A	X	-.669	3
26	MP2A	Z	0	3
27	MP2A	Mx	0	3
28	MP2B	X	-.893	3
29	MP2B	Z	0	3
30	MP2B	Mx	-.000193	3
31	MP2C	X	-.893	3
32	MP2C	Z	0	3
33	MP2C	Mx	.000193	3
34	M39	X	-5.45	3
35	M39	Z	0	3
36	M39	Mx	0	3
37	MP2A	X	-2.405	1
38	MP2A	Z	0	1
39	MP2A	Mx	.001	1
40	MP2A	X	-2.405	3
41	MP2A	Z	0	3
42	MP2A	Mx	.001	3
43	MP2B	X	-5.209	1
44	MP2B	Z	0	1
45	MP2B	Mx	-.001	1
46	MP2B	X	-5.209	3
47	MP2B	Z	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2B	Mx	-.001	3
49	MP2C	X	-5.209	1
50	MP2C	Z	0	1
51	MP2C	Mx	-.001	1
52	MP2C	X	-5.209	3
53	MP2C	Z	0	3
54	MP2C	Mx	-.001	3
55	MP4A	X	-7.822	.5
56	MP4A	Z	0	.5
57	MP4A	Mx	.008	.5
58	MP4A	X	-7.822	4.5
59	MP4A	Z	0	4.5
60	MP4A	Mx	.008	4.5
61	MP4B	X	-10.887	.5
62	MP4B	Z	0	.5
63	MP4B	Mx	-.000397	.5
64	MP4B	X	-10.887	4.5
65	MP4B	Z	0	4.5
66	MP4B	Mx	-.000397	4.5
67	MP4C	X	-10.887	.5
68	MP4C	Z	0	.5
69	MP4C	Mx	-.011	.5
70	MP4C	X	-10.887	4.5
71	MP4C	Z	0	4.5
72	MP4C	Mx	-.011	4.5
73	MP4A	X	-7.822	.5
74	MP4A	Z	0	.5
75	MP4A	Mx	.008	.5
76	MP4A	X	-7.822	4.5
77	MP4A	Z	0	4.5
78	MP4A	Mx	.008	4.5
79	MP4B	X	-10.887	.5
80	MP4B	Z	0	.5
81	MP4B	Mx	-.011	.5
82	MP4B	X	-10.887	4.5
83	MP4B	Z	0	4.5
84	MP4B	Mx	-.011	4.5
85	MP4C	X	-10.887	.5
86	MP4C	Z	0	.5
87	MP4C	Mx	-.000397	.5
88	MP4C	X	-10.887	4.5
89	MP4C	Z	0	4.5
90	MP4C	Mx	-.000397	4.5
91	MP1B	X	-7.803	.5
92	MP1B	Z	0	.5
93	MP1B	Mx	-.005	.5
94	MP1B	X	-7.803	3.5
95	MP1B	Z	0	3.5
96	MP1B	Mx	-.005	3.5
97	MP5B	X	-7.803	.5
98	MP5B	Z	0	.5
99	MP5B	Mx	-.005	.5
100	MP5B	X	-7.803	3.5
101	MP5B	Z	0	3.5
102	MP5B	Mx	-.005	3.5
103	MP4A	X	-3.268	2
104	MP4A	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4A	Mx	-.002	2
106	MP4B	X	-4.484	2
107	MP4B	Z	0	2
108	MP4B	Mx	.002	2
109	MP4C	X	-4.484	2
110	MP4C	Z	0	2
111	MP4C	Mx	.002	2
112	MP3A	X	-2.647	2
113	MP3A	Z	0	2
114	MP3A	Mx	-.002	2
115	MP3B	X	-4.329	2
116	MP3B	Z	0	2
117	MP3B	Mx	.001	2
118	MP3C	X	-4.329	2
119	MP3C	Z	0	2
120	MP3C	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-5.323	.5
2	MP1A	Z	-3.073	.5
3	MP1A	Mx	.007	.5
4	MP1A	X	-5.323	3.5
5	MP1A	Z	-3.073	3.5
6	MP1A	Mx	.007	3.5
7	MP1C	X	-5.323	.5
8	MP1C	Z	-3.073	.5
9	MP1C	Mx	-.007	.5
10	MP1C	X	-5.323	3.5
11	MP1C	Z	-3.073	3.5
12	MP1C	Mx	-.007	3.5
13	MP5A	X	-5.323	.5
14	MP5A	Z	-3.073	.5
15	MP5A	Mx	.007	.5
16	MP5A	X	-5.323	3.5
17	MP5A	Z	-3.073	3.5
18	MP5A	Mx	.007	3.5
19	MP5C	X	-5.323	.5
20	MP5C	Z	-3.073	.5
21	MP5C	Mx	-.007	.5
22	MP5C	X	-5.323	3.5
23	MP5C	Z	-3.073	3.5
24	MP5C	Mx	-.007	3.5
25	MP2A	X	-.644	3
26	MP2A	Z	-.372	3
27	MP2A	Mx	9.3e-5	3
28	MP2B	X	-.838	3
29	MP2B	Z	-.484	3
30	MP2B	Mx	-.000242	3
31	MP2C	X	-.644	3
32	MP2C	Z	-.372	3
33	MP2C	Mx	9.3e-5	3
34	M39	X	-7.148	3
35	M39	Z	-4.127	3
36	M39	Mx	0	3
37	MP2A	X	-2.893	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	-1.67	1
39	MP2A	Mx	.001	1
40	MP2A	X	-2.893	3
41	MP2A	Z	-1.67	3
42	MP2A	Mx	.001	3
43	MP2B	X	-5.321	1
44	MP2B	Z	-3.072	1
45	MP2B	Mx	0	1
46	MP2B	X	-5.321	3
47	MP2B	Z	-3.072	3
48	MP2B	Mx	0	3
49	MP2C	X	-2.893	1
50	MP2C	Z	-1.67	1
51	MP2C	Mx	-.001	1
52	MP2C	X	-2.893	3
53	MP2C	Z	-1.67	3
54	MP2C	Mx	-.001	3
55	MP4A	X	-7.659	.5
56	MP4A	Z	-4.422	.5
57	MP4A	Mx	.006	.5
58	MP4A	X	-7.659	4.5
59	MP4A	Z	-4.422	4.5
60	MP4A	Mx	.006	4.5
61	MP4B	X	-10.314	.5
62	MP4B	Z	-5.955	.5
63	MP4B	Mx	.007	.5
64	MP4B	X	-10.314	4.5
65	MP4B	Z	-5.955	4.5
66	MP4B	Mx	.007	4.5
67	MP4C	X	-7.659	.5
68	MP4C	Z	-4.422	.5
69	MP4C	Mx	-.011	.5
70	MP4C	X	-7.659	4.5
71	MP4C	Z	-4.422	4.5
72	MP4C	Mx	-.011	4.5
73	MP4A	X	-7.659	.5
74	MP4A	Z	-4.422	.5
75	MP4A	Mx	.011	.5
76	MP4A	X	-7.659	4.5
77	MP4A	Z	-4.422	4.5
78	MP4A	Mx	.011	4.5
79	MP4B	X	-10.314	.5
80	MP4B	Z	-5.955	.5
81	MP4B	Mx	-.007	.5
82	MP4B	X	-10.314	4.5
83	MP4B	Z	-5.955	4.5
84	MP4B	Mx	-.007	4.5
85	MP4C	X	-7.659	.5
86	MP4C	Z	-4.422	.5
87	MP4C	Mx	-.006	.5
88	MP4C	X	-7.659	4.5
89	MP4C	Z	-4.422	4.5
90	MP4C	Mx	-.006	4.5
91	MP1B	X	-6.963	.5
92	MP1B	Z	-4.02	.5
93	MP1B	Mx	0	.5
94	MP1B	X	-6.963	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP1B	Z	-4.02	3.5
96	MP1B	Mx	0	3.5
97	MP5B	X	-6.963	.5
98	MP5B	Z	-4.02	.5
99	MP5B	Mx	0	.5
100	MP5B	X	-6.963	3.5
101	MP5B	Z	-4.02	3.5
102	MP5B	Mx	0	3.5
103	MP4A	X	-3.181	2
104	MP4A	Z	-1.837	2
105	MP4A	Mx	-.002	2
106	MP4B	X	-4.234	2
107	MP4B	Z	-2.445	2
108	MP4B	Mx	0	2
109	MP4C	X	-3.181	2
110	MP4C	Z	-1.837	2
111	MP4C	Mx	.002	2
112	MP3A	X	-2.778	2
113	MP3A	Z	-1.604	2
114	MP3A	Mx	-.002	2
115	MP3B	X	-4.234	2
116	MP3B	Z	-2.445	2
117	MP3B	Mx	0	2
118	MP3C	X	-2.778	2
119	MP3C	Z	-1.604	2
120	MP3C	Mx	.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.162	.5
2	MP1A	Z	-3.744	.5
3	MP1A	Mx	.003	.5
4	MP1A	X	-2.162	3.5
5	MP1A	Z	-3.744	3.5
6	MP1A	Mx	.003	3.5
7	MP1C	X	-3.529	.5
8	MP1C	Z	-6.112	.5
9	MP1C	Mx	-.009	.5
10	MP1C	X	-3.529	3.5
11	MP1C	Z	-6.112	3.5
12	MP1C	Mx	-.009	3.5
13	MP5A	X	-2.162	.5
14	MP5A	Z	-3.744	.5
15	MP5A	Mx	.003	.5
16	MP5A	X	-2.162	3.5
17	MP5A	Z	-3.744	3.5
18	MP5A	Mx	.003	3.5
19	MP5C	X	-3.529	.5
20	MP5C	Z	-6.112	.5
21	MP5C	Mx	-.009	.5
22	MP5C	X	-3.529	3.5
23	MP5C	Z	-6.112	3.5
24	MP5C	Mx	-.009	3.5
25	MP2A	X	-.446	3
26	MP2A	Z	-.773	3
27	MP2A	Mx	.000193	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP2B	X	-.446	3
29	MP2B	Z	-.773	3
30	MP2B	Mx	-.000193	3
31	MP2C	X	-.335	3
32	MP2C	Z	-.58	3
33	MP2C	Mx	0	3
34	M39	X	-5.847	3
35	M39	Z	-10.127	3
36	M39	Mx	0	3
37	MP2A	X	-2.605	1
38	MP2A	Z	-4.512	1
39	MP2A	Mx	.001	1
40	MP2A	X	-2.605	3
41	MP2A	Z	-4.512	3
42	MP2A	Mx	.001	3
43	MP2B	X	-2.605	1
44	MP2B	Z	-4.512	1
45	MP2B	Mx	.001	1
46	MP2B	X	-2.605	3
47	MP2B	Z	-4.512	3
48	MP2B	Mx	.001	3
49	MP2C	X	-1.203	1
50	MP2C	Z	-2.083	1
51	MP2C	Mx	-.001	1
52	MP2C	X	-1.203	3
53	MP2C	Z	-2.083	3
54	MP2C	Mx	-.001	3
55	MP4A	X	-5.444	.5
56	MP4A	Z	-9.429	.5
57	MP4A	Mx	.000397	.5
58	MP4A	X	-5.444	4.5
59	MP4A	Z	-9.429	4.5
60	MP4A	Mx	.000397	4.5
61	MP4B	X	-5.444	.5
62	MP4B	Z	-9.429	.5
63	MP4B	Mx	.011	.5
64	MP4B	X	-5.444	4.5
65	MP4B	Z	-9.429	4.5
66	MP4B	Mx	.011	4.5
67	MP4C	X	-3.911	.5
68	MP4C	Z	-6.774	.5
69	MP4C	Mx	-.008	.5
70	MP4C	X	-3.911	4.5
71	MP4C	Z	-6.774	4.5
72	MP4C	Mx	-.008	4.5
73	MP4A	X	-5.444	.5
74	MP4A	Z	-9.429	.5
75	MP4A	Mx	.011	.5
76	MP4A	X	-5.444	4.5
77	MP4A	Z	-9.429	4.5
78	MP4A	Mx	.011	4.5
79	MP4B	X	-5.444	.5
80	MP4B	Z	-9.429	.5
81	MP4B	Mx	.000397	.5
82	MP4B	X	-5.444	4.5
83	MP4B	Z	-9.429	4.5
84	MP4B	Mx	.000397	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP4C	X	-3.911	.5
86	MP4C	Z	-6.774	.5
87	MP4C	Mx	-.008	.5
88	MP4C	X	-3.911	4.5
89	MP4C	Z	-6.774	4.5
90	MP4C	Mx	-.008	4.5
91	MP1B	X	-3.901	.5
92	MP1B	Z	-6.757	.5
93	MP1B	Mx	.005	.5
94	MP1B	X	-3.901	3.5
95	MP1B	Z	-6.757	3.5
96	MP1B	Mx	.005	3.5
97	MP5B	X	-3.901	.5
98	MP5B	Z	-6.757	.5
99	MP5B	Mx	.005	.5
100	MP5B	X	-3.901	3.5
101	MP5B	Z	-6.757	3.5
102	MP5B	Mx	.005	3.5
103	MP4A	X	-2.242	2
104	MP4A	Z	-3.883	2
105	MP4A	Mx	-.002	2
106	MP4B	X	-2.242	2
107	MP4B	Z	-3.883	2
108	MP4B	Mx	-.002	2
109	MP4C	X	-1.634	2
110	MP4C	Z	-2.83	2
111	MP4C	Mx	.002	2
112	MP3A	X	-2.164	2
113	MP3A	Z	-3.749	2
114	MP3A	Mx	-.001	2
115	MP3B	X	-2.164	2
116	MP3B	Z	-3.749	2
117	MP3B	Mx	-.001	2
118	MP3C	X	-1.324	2
119	MP3C	Z	-2.293	2
120	MP3C	Mx	.002	2

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M7A	Y	-500	%54

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M7A	Y	-500	%74.467

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M7A	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M7A	Y	-250	%100

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-9.664	-9.664	0	%100
2	M2	Y	-10.667	-10.667	0	%100
3	M5	Y	-10.151	-10.151	0	%100
4	M6	Y	-10.151	-10.151	0	%100
5	M7	Y	-10.151	-10.151	0	%100
6	M6A	Y	-7.659	-7.659	0	%100
7	M7A	Y	-7.659	-7.659	0	%100
8	MP1A	Y	-5.012	-5.012	0	%100
9	M23A	Y	-7.659	-7.659	0	%100
10	M24	Y	-7.659	-7.659	0	%100
11	M39A	Y	-7.659	-7.659	0	%100
12	M40	Y	-7.659	-7.659	0	%100
13	M55	Y	-10.667	-10.667	0	%100
14	M56	Y	-10.667	-10.667	0	%100
15	M60A	Y	-5.012	-5.012	0	%100
16	M61	Y	-11.669	-11.669	0	%100
17	M62	Y	-11.669	-11.669	0	%100
18	M63	Y	-11.669	-11.669	0	%100
19	M64	Y	-7.659	-7.659	0	%100
20	MP2A	Y	-5.012	-5.012	0	%100
21	MP3A	Y	-5.012	-5.012	0	%100
22	MP4A	Y	-5.012	-5.012	0	%100
23	M39	Y	-5.012	-5.012	0	%100
24	MP5A	Y	-5.012	-5.012	0	%100
25	M45	Y	-5.012	-5.012	0	%100
26	M46	Y	-5.012	-5.012	0	%100
27	MP1C	Y	-5.012	-5.012	0	%100
28	M54A	Y	-7.659	-7.659	0	%100
29	MP3C	Y	-5.012	-5.012	0	%100
30	MP4C	Y	-5.012	-5.012	0	%100
31	M70	Y	-5.012	-5.012	0	%100
32	MP5C	Y	-5.012	-5.012	0	%100
33	M82	Y	-5.012	-5.012	0	%100
34	M85	Y	-7.659	-7.659	0	%100
35	MP3B	Y	-5.012	-5.012	0	%100
36	MP4B	Y	-5.012	-5.012	0	%100
37	M101	Y	-5.012	-5.012	0	%100
38	MP5B	Y	-5.012	-5.012	0	%100
39	M107A	Y	-9.664	-9.664	0	%100
40	M108A	Y	-9.664	-9.664	0	%100
41	M105	Y	-5.012	-5.012	0	%100
42	M106A	Y	-5.012	-5.012	0	%100
43	M107	Y	-5.012	-5.012	0	%100
44	M108	Y	-5.012	-5.012	0	%100
45	MP1B	Y	-5.012	-5.012	0	%100
46	MP2C	Y	-5.012	-5.012	0	%100
47	MP2B	Y	-5.012	-5.012	0	%100
48	M102B	Y	-5.012	-5.012	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-12.246	-12.246	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-12.246	-12.246	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	-19.209	-19.209	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	-19.209	-19.209	0	%100
15	MP1A	X	0	0	0	%100
16	MP1A	Z	-9.124	-9.124	0	%100
17	M23A	X	0	0	0	%100
18	M23A	Z	-4.802	-4.802	0	%100
19	M24	X	0	0	0	%100
20	M24	Z	-4.802	-4.802	0	%100
21	M39A	X	0	0	0	%100
22	M39A	Z	-4.802	-4.802	0	%100
23	M40	X	0	0	0	%100
24	M40	Z	-4.802	-4.802	0	%100
25	M55	X	0	0	0	%100
26	M55	Z	-10.725	-10.725	0	%100
27	M56	X	0	0	0	%100
28	M56	Z	-10.725	-10.725	0	%100
29	M60A	X	0	0	0	%100
30	M60A	Z	-9.124	-9.124	0	%100
31	M61	X	0	0	0	%100
32	M61	Z	-23.105	-23.105	0	%100
33	M62	X	0	0	0	%100
34	M62	Z	-23.105	-23.105	0	%100
35	M63	X	0	0	0	%100
36	M63	Z	-23.105	-23.105	0	%100
37	M64	X	0	0	0	%100
38	M64	Z	-19.209	-19.209	0	%100
39	MP2A	X	0	0	0	%100
40	MP2A	Z	-9.124	-9.124	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	-9.124	-9.124	0	%100
43	MP4A	X	0	0	0	%100
44	MP4A	Z	-9.124	-9.124	0	%100
45	M39	X	0	0	0	%100
46	M39	Z	-9.124	-9.124	0	%100
47	MP5A	X	0	0	0	%100
48	MP5A	Z	-9.124	-9.124	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	-5.565	-5.565	0	%100
51	M46	X	0	0	0	%100
52	M46	Z	-5.565	-5.565	0	%100
53	MP1C	X	0	0	0	%100
54	MP1C	Z	-9.124	-9.124	0	%100
55	M54A	X	0	0	0	%100
56	M54A	Z	-4.802	-4.802	0	%100
57	MP3C	X	0	0	0	%100
58	MP3C	Z	-9.124	-9.124	0	%100
59	MP4C	X	0	0	0	%100
60	MP4C	Z	-9.124	-9.124	0	%100
61	M70	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
62	M70	Z	-9.124	-9.124	0	%100
63	MP5C	X	0	0	0	%100
64	MP5C	Z	-9.124	-9.124	0	%100
65	M82	X	0	0	0	%100
66	M82	Z	-2.281	-2.281	0	%100
67	M85	X	0	0	0	%100
68	M85	Z	-4.802	-4.802	0	%100
69	MP3B	X	0	0	0	%100
70	MP3B	Z	-9.124	-9.124	0	%100
71	MP4B	X	0	0	0	%100
72	MP4B	Z	-9.124	-9.124	0	%100
73	M101	X	0	0	0	%100
74	M101	Z	-9.124	-9.124	0	%100
75	MP5B	X	0	0	0	%100
76	MP5B	Z	-9.124	-9.124	0	%100
77	M107A	X	0	0	0	%100
78	M107A	Z	-8.164	-8.164	0	%100
79	M108A	X	0	0	0	%100
80	M108A	Z	-8.164	-8.164	0	%100
81	M105	X	0	0	0	%100
82	M105	Z	-7.727	-7.727	0	%100
83	M106A	X	0	0	0	%100
84	M106A	Z	-1.405	-1.405	0	%100
85	M107	X	0	0	0	%100
86	M107	Z	-1.405	-1.405	0	%100
87	M108	X	0	0	0	%100
88	M108	Z	-7.727	-7.727	0	%100
89	MP1B	X	0	0	0	%100
90	MP1B	Z	-9.124	-9.124	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-9.124	-9.124	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	-9.124	-9.124	0	%100
95	M102B	X	0	0	0	%100
96	M102B	Z	-2.281	-2.281	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.361	1.361	0	%100
2	M1	Z	-2.357	-2.357	0	%100
3	M2	X	1.788	1.788	0	%100
4	M2	Z	-3.096	-3.096	0	%100
5	M5	X	2.041	2.041	0	%100
6	M5	Z	-3.535	-3.535	0	%100
7	M6	X	2.041	2.041	0	%100
8	M6	Z	-3.535	-3.535	0	%100
9	M7	X	8.164	8.164	0	%100
10	M7	Z	-14.14	-14.14	0	%100
11	M6A	X	7.204	7.204	0	%100
12	M6A	Z	-12.477	-12.477	0	%100
13	M7A	X	7.204	7.204	0	%100
14	M7A	Z	-12.477	-12.477	0	%100
15	MP1A	X	4.562	4.562	0	%100
16	MP1A	Z	-7.902	-7.902	0	%100
17	M23A	X	7.204	7.204	0	%100
18	M23A	Z	-12.477	-12.477	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
19	M24	X	7.204	7.204	0	%100
20	M24	Z	-12.477	-12.477	0	%100
21	M39A	X	0	0	0	%100
22	M39A	Z	0	0	0	%100
23	M40	X	0	0	0	%100
24	M40	Z	0	0	0	%100
25	M55	X	1.788	1.788	0	%100
26	M55	Z	-3.096	-3.096	0	%100
27	M56	X	7.15	7.15	0	%100
28	M56	Z	-12.384	-12.384	0	%100
29	M60A	X	3.422	3.422	0	%100
30	M60A	Z	-5.927	-5.927	0	%100
31	M61	X	11.552	11.552	0	%100
32	M61	Z	-20.009	-20.009	0	%100
33	M62	X	11.552	11.552	0	%100
34	M62	Z	-20.009	-20.009	0	%100
35	M63	X	11.552	11.552	0	%100
36	M63	Z	-20.009	-20.009	0	%100
37	M64	X	7.204	7.204	0	%100
38	M64	Z	-12.477	-12.477	0	%100
39	MP2A	X	4.562	4.562	0	%100
40	MP2A	Z	-7.902	-7.902	0	%100
41	MP3A	X	4.562	4.562	0	%100
42	MP3A	Z	-7.902	-7.902	0	%100
43	MP4A	X	4.562	4.562	0	%100
44	MP4A	Z	-7.902	-7.902	0	%100
45	M39	X	4.562	4.562	0	%100
46	M39	Z	-7.902	-7.902	0	%100
47	MP5A	X	4.562	4.562	0	%100
48	MP5A	Z	-7.902	-7.902	0	%100
49	M45	X	1.036	1.036	0	%100
50	M45	Z	-1.794	-1.794	0	%100
51	M46	X	4.197	4.197	0	%100
52	M46	Z	-7.269	-7.269	0	%100
53	MP1C	X	4.562	4.562	0	%100
54	MP1C	Z	-7.902	-7.902	0	%100
55	M54A	X	7.204	7.204	0	%100
56	M54A	Z	-12.477	-12.477	0	%100
57	MP3C	X	4.562	4.562	0	%100
58	MP3C	Z	-7.902	-7.902	0	%100
59	MP4C	X	4.562	4.562	0	%100
60	MP4C	Z	-7.902	-7.902	0	%100
61	M70	X	4.562	4.562	0	%100
62	M70	Z	-7.902	-7.902	0	%100
63	MP5C	X	4.562	4.562	0	%100
64	MP5C	Z	-7.902	-7.902	0	%100
65	M82	X	0	0	0	%100
66	M82	Z	0	0	0	%100
67	M85	X	0	0	0	%100
68	M85	Z	0	0	0	%100
69	MP3B	X	4.562	4.562	0	%100
70	MP3B	Z	-7.902	-7.902	0	%100
71	MP4B	X	4.562	4.562	0	%100
72	MP4B	Z	-7.902	-7.902	0	%100
73	M101	X	4.562	4.562	0	%100
74	M101	Z	-7.902	-7.902	0	%100
75	MP5B	X	4.562	4.562	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
76	MP5B	Z	-7.902	-7.902	0	%100
77	M107A	X	1.361	1.361	0	%100
78	M107A	Z	-2.357	-2.357	0	%100
79	M108A	X	5.443	5.443	0	%100
80	M108A	Z	-9.427	-9.427	0	%100
81	M105	X	4.197	4.197	0	%100
82	M105	Z	-7.269	-7.269	0	%100
83	M106A	X	1.036	1.036	0	%100
84	M106A	Z	-1.794	-1.794	0	%100
85	M107	X	2.117	2.117	0	%100
86	M107	Z	-3.666	-3.666	0	%100
87	M108	X	2.117	2.117	0	%100
88	M108	Z	-3.666	-3.666	0	%100
89	MP1B	X	4.562	4.562	0	%100
90	MP1B	Z	-7.902	-7.902	0	%100
91	MP2C	X	4.562	4.562	0	%100
92	MP2C	Z	-7.902	-7.902	0	%100
93	MP2B	X	4.562	4.562	0	%100
94	MP2B	Z	-7.902	-7.902	0	%100
95	M102B	X	3.422	3.422	0	%100
96	M102B	Z	-5.927	-5.927	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	7.07	7.07	0	%100
2	M1	Z	-4.082	-4.082	0	%100
3	M2	X	9.288	9.288	0	%100
4	M2	Z	-5.363	-5.363	0	%100
5	M5	X	10.605	10.605	0	%100
6	M5	Z	-6.123	-6.123	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	10.605	10.605	0	%100
10	M7	Z	-6.123	-6.123	0	%100
11	M6A	X	4.159	4.159	0	%100
12	M6A	Z	-2.401	-2.401	0	%100
13	M7A	X	4.159	4.159	0	%100
14	M7A	Z	-2.401	-2.401	0	%100
15	MP1A	X	7.902	7.902	0	%100
16	MP1A	Z	-4.562	-4.562	0	%100
17	M23A	X	16.636	16.636	0	%100
18	M23A	Z	-9.605	-9.605	0	%100
19	M24	X	16.636	16.636	0	%100
20	M24	Z	-9.605	-9.605	0	%100
21	M39A	X	4.159	4.159	0	%100
22	M39A	Z	-2.401	-2.401	0	%100
23	M40	X	4.159	4.159	0	%100
24	M40	Z	-2.401	-2.401	0	%100
25	M55	X	0	0	0	%100
26	M55	Z	0	0	0	%100
27	M56	X	9.288	9.288	0	%100
28	M56	Z	-5.363	-5.363	0	%100
29	M60A	X	1.976	1.976	0	%100
30	M60A	Z	-1.141	-1.141	0	%100
31	M61	X	20.009	20.009	0	%100
32	M61	Z	-11.552	-11.552	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
33	M62	X	20.009	20.009	0	%100
34	M62	Z	-11.552	-11.552	0	%100
35	M63	X	20.009	20.009	0	%100
36	M63	Z	-11.552	-11.552	0	%100
37	M64	X	4.159	4.159	0	%100
38	M64	Z	-2.401	-2.401	0	%100
39	MP2A	X	7.902	7.902	0	%100
40	MP2A	Z	-4.562	-4.562	0	%100
41	MP3A	X	7.902	7.902	0	%100
42	MP3A	Z	-4.562	-4.562	0	%100
43	MP4A	X	7.902	7.902	0	%100
44	MP4A	Z	-4.562	-4.562	0	%100
45	M39	X	7.902	7.902	0	%100
46	M39	Z	-4.562	-4.562	0	%100
47	MP5A	X	7.902	7.902	0	%100
48	MP5A	Z	-4.562	-4.562	0	%100
49	M45	X	1.217	1.217	0	%100
50	M45	Z	-.703	-.703	0	%100
51	M46	X	6.692	6.692	0	%100
52	M46	Z	-3.864	-3.864	0	%100
53	MP1C	X	7.902	7.902	0	%100
54	MP1C	Z	-4.562	-4.562	0	%100
55	M54A	X	16.636	16.636	0	%100
56	M54A	Z	-9.605	-9.605	0	%100
57	MP3C	X	7.902	7.902	0	%100
58	MP3C	Z	-4.562	-4.562	0	%100
59	MP4C	X	7.902	7.902	0	%100
60	MP4C	Z	-4.562	-4.562	0	%100
61	M70	X	7.902	7.902	0	%100
62	M70	Z	-4.562	-4.562	0	%100
63	MP5C	X	7.902	7.902	0	%100
64	MP5C	Z	-4.562	-4.562	0	%100
65	M82	X	1.976	1.976	0	%100
66	M82	Z	-1.141	-1.141	0	%100
67	M85	X	4.159	4.159	0	%100
68	M85	Z	-2.401	-2.401	0	%100
69	MP3B	X	7.902	7.902	0	%100
70	MP3B	Z	-4.562	-4.562	0	%100
71	MP4B	X	7.902	7.902	0	%100
72	MP4B	Z	-4.562	-4.562	0	%100
73	M101	X	7.902	7.902	0	%100
74	M101	Z	-4.562	-4.562	0	%100
75	MP5B	X	7.902	7.902	0	%100
76	MP5B	Z	-4.562	-4.562	0	%100
77	M107A	X	0	0	0	%100
78	M107A	Z	0	0	0	%100
79	M108A	X	7.07	7.07	0	%100
80	M108A	Z	-4.082	-4.082	0	%100
81	M105	X	4.82	4.82	0	%100
82	M105	Z	-2.783	-2.783	0	%100
83	M106A	X	4.82	4.82	0	%100
84	M106A	Z	-2.783	-2.783	0	%100
85	M107	X	6.692	6.692	0	%100
86	M107	Z	-3.864	-3.864	0	%100
87	M108	X	1.217	1.217	0	%100
88	M108	Z	-.703	-.703	0	%100
89	MP1B	X	7.902	7.902	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
90	MP1B	Z	-4.562	-4.562	0	%100
91	MP2C	X	7.902	7.902	0	%100
92	MP2C	Z	-4.562	-4.562	0	%100
93	MP2B	X	7.902	7.902	0	%100
94	MP2B	Z	-4.562	-4.562	0	%100
95	M102B	X	7.902	7.902	0	%100
96	M102B	Z	-4.562	-4.562	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	10.885	10.885	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	14.3	14.3	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	16.328	16.328	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	4.082	4.082	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	4.082	4.082	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	0	0	0	%100
15	MP1A	X	9.124	9.124	0	%100
16	MP1A	Z	0	0	0	%100
17	M23A	X	14.407	14.407	0	%100
18	M23A	Z	0	0	0	%100
19	M24	X	14.407	14.407	0	%100
20	M24	Z	0	0	0	%100
21	M39A	X	14.407	14.407	0	%100
22	M39A	Z	0	0	0	%100
23	M40	X	14.407	14.407	0	%100
24	M40	Z	0	0	0	%100
25	M55	X	3.575	3.575	0	%100
26	M55	Z	0	0	0	%100
27	M56	X	3.575	3.575	0	%100
28	M56	Z	0	0	0	%100
29	M60A	X	0	0	0	%100
30	M60A	Z	0	0	0	%100
31	M61	X	23.105	23.105	0	%100
32	M61	Z	0	0	0	%100
33	M62	X	23.105	23.105	0	%100
34	M62	Z	0	0	0	%100
35	M63	X	23.105	23.105	0	%100
36	M63	Z	0	0	0	%100
37	M64	X	0	0	0	%100
38	M64	Z	0	0	0	%100
39	MP2A	X	9.124	9.124	0	%100
40	MP2A	Z	0	0	0	%100
41	MP3A	X	9.124	9.124	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	9.124	9.124	0	%100
44	MP4A	Z	0	0	0	%100
45	M39	X	9.124	9.124	0	%100
46	M39	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
47	MP5A	X	9.124	9.124	0	%100
48	MP5A	Z	0	0	0	%100
49	M45	X	4.233	4.233	0	%100
50	M45	Z	0	0	0	%100
51	M46	X	4.233	4.233	0	%100
52	M46	Z	0	0	0	%100
53	MP1C	X	9.124	9.124	0	%100
54	MP1C	Z	0	0	0	%100
55	M54A	X	14.407	14.407	0	%100
56	M54A	Z	0	0	0	%100
57	MP3C	X	9.124	9.124	0	%100
58	MP3C	Z	0	0	0	%100
59	MP4C	X	9.124	9.124	0	%100
60	MP4C	Z	0	0	0	%100
61	M70	X	9.124	9.124	0	%100
62	M70	Z	0	0	0	%100
63	MP5C	X	9.124	9.124	0	%100
64	MP5C	Z	0	0	0	%100
65	M82	X	6.843	6.843	0	%100
66	M82	Z	0	0	0	%100
67	M85	X	14.407	14.407	0	%100
68	M85	Z	0	0	0	%100
69	MP3B	X	9.124	9.124	0	%100
70	MP3B	Z	0	0	0	%100
71	MP4B	X	9.124	9.124	0	%100
72	MP4B	Z	0	0	0	%100
73	M101	X	9.124	9.124	0	%100
74	M101	Z	0	0	0	%100
75	MP5B	X	9.124	9.124	0	%100
76	MP5B	Z	0	0	0	%100
77	M107A	X	2.721	2.721	0	%100
78	M107A	Z	0	0	0	%100
79	M108A	X	2.721	2.721	0	%100
80	M108A	Z	0	0	0	%100
81	M105	X	2.071	2.071	0	%100
82	M105	Z	0	0	0	%100
83	M106A	X	8.393	8.393	0	%100
84	M106A	Z	0	0	0	%100
85	M107	X	8.393	8.393	0	%100
86	M107	Z	0	0	0	%100
87	M108	X	2.071	2.071	0	%100
88	M108	Z	0	0	0	%100
89	MP1B	X	9.124	9.124	0	%100
90	MP1B	Z	0	0	0	%100
91	MP2C	X	9.124	9.124	0	%100
92	MP2C	Z	0	0	0	%100
93	MP2B	X	9.124	9.124	0	%100
94	MP2B	Z	0	0	0	%100
95	M102B	X	6.843	6.843	0	%100
96	M102B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	7.07	7.07	0	%100
2	M1	Z	4.082	4.082	0	%100
3	M2	X	9.288	9.288	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M2	Z	5.363	5.363	0	%100
5	M5	X	10.605	10.605	0	%100
6	M5	Z	6.123	6.123	0	%100
7	M6	X	10.605	10.605	0	%100
8	M6	Z	6.123	6.123	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	4.159	4.159	0	%100
12	M6A	Z	2.401	2.401	0	%100
13	M7A	X	4.159	4.159	0	%100
14	M7A	Z	2.401	2.401	0	%100
15	MP1A	X	7.902	7.902	0	%100
16	MP1A	Z	4.562	4.562	0	%100
17	M23A	X	4.159	4.159	0	%100
18	M23A	Z	2.401	2.401	0	%100
19	M24	X	4.159	4.159	0	%100
20	M24	Z	2.401	2.401	0	%100
21	M39A	X	16.636	16.636	0	%100
22	M39A	Z	9.605	9.605	0	%100
23	M40	X	16.636	16.636	0	%100
24	M40	Z	9.605	9.605	0	%100
25	M55	X	9.288	9.288	0	%100
26	M55	Z	5.363	5.363	0	%100
27	M56	X	0	0	0	%100
28	M56	Z	0	0	0	%100
29	M60A	X	1.976	1.976	0	%100
30	M60A	Z	1.141	1.141	0	%100
31	M61	X	20.009	20.009	0	%100
32	M61	Z	11.552	11.552	0	%100
33	M62	X	20.009	20.009	0	%100
34	M62	Z	11.552	11.552	0	%100
35	M63	X	20.009	20.009	0	%100
36	M63	Z	11.552	11.552	0	%100
37	M64	X	4.159	4.159	0	%100
38	M64	Z	2.401	2.401	0	%100
39	MP2A	X	7.902	7.902	0	%100
40	MP2A	Z	4.562	4.562	0	%100
41	MP3A	X	7.902	7.902	0	%100
42	MP3A	Z	4.562	4.562	0	%100
43	MP4A	X	7.902	7.902	0	%100
44	MP4A	Z	4.562	4.562	0	%100
45	M39	X	7.902	7.902	0	%100
46	M39	Z	4.562	4.562	0	%100
47	MP5A	X	7.902	7.902	0	%100
48	MP5A	Z	4.562	4.562	0	%100
49	M45	X	6.692	6.692	0	%100
50	M45	Z	3.864	3.864	0	%100
51	M46	X	1.217	1.217	0	%100
52	M46	Z	.703	.703	0	%100
53	MP1C	X	7.902	7.902	0	%100
54	MP1C	Z	4.562	4.562	0	%100
55	M54A	X	4.159	4.159	0	%100
56	M54A	Z	2.401	2.401	0	%100
57	MP3C	X	7.902	7.902	0	%100
58	MP3C	Z	4.562	4.562	0	%100
59	MP4C	X	7.902	7.902	0	%100
60	MP4C	Z	4.562	4.562	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M70	X	7.902	7.902	0	%100
62	M70	Z	4.562	4.562	0	%100
63	MP5C	X	7.902	7.902	0	%100
64	MP5C	Z	4.562	4.562	0	%100
65	M82	X	7.902	7.902	0	%100
66	M82	Z	4.562	4.562	0	%100
67	M85	X	16.636	16.636	0	%100
68	M85	Z	9.605	9.605	0	%100
69	MP3B	X	7.902	7.902	0	%100
70	MP3B	Z	4.562	4.562	0	%100
71	MP4B	X	7.902	7.902	0	%100
72	MP4B	Z	4.562	4.562	0	%100
73	M101	X	7.902	7.902	0	%100
74	M101	Z	4.562	4.562	0	%100
75	MP5B	X	7.902	7.902	0	%100
76	MP5B	Z	4.562	4.562	0	%100
77	M107A	X	7.07	7.07	0	%100
78	M107A	Z	4.082	4.082	0	%100
79	M108A	X	0	0	0	%100
80	M108A	Z	0	0	0	%100
81	M105	X	1.217	1.217	0	%100
82	M105	Z	.703	.703	0	%100
83	M106A	X	6.692	6.692	0	%100
84	M106A	Z	3.864	3.864	0	%100
85	M107	X	4.82	4.82	0	%100
86	M107	Z	2.783	2.783	0	%100
87	M108	X	4.82	4.82	0	%100
88	M108	Z	2.783	2.783	0	%100
89	MP1B	X	7.902	7.902	0	%100
90	MP1B	Z	4.562	4.562	0	%100
91	MP2C	X	7.902	7.902	0	%100
92	MP2C	Z	4.562	4.562	0	%100
93	MP2B	X	7.902	7.902	0	%100
94	MP2B	Z	4.562	4.562	0	%100
95	M102B	X	1.976	1.976	0	%100
96	M102B	Z	1.141	1.141	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.361	1.361	0	%100
2	M1	Z	2.357	2.357	0	%100
3	M2	X	1.788	1.788	0	%100
4	M2	Z	3.096	3.096	0	%100
5	M5	X	2.041	2.041	0	%100
6	M5	Z	3.535	3.535	0	%100
7	M6	X	8.164	8.164	0	%100
8	M6	Z	14.14	14.14	0	%100
9	M7	X	2.041	2.041	0	%100
10	M7	Z	3.535	3.535	0	%100
11	M6A	X	7.204	7.204	0	%100
12	M6A	Z	12.477	12.477	0	%100
13	M7A	X	7.204	7.204	0	%100
14	M7A	Z	12.477	12.477	0	%100
15	MP1A	X	4.562	4.562	0	%100
16	MP1A	Z	7.902	7.902	0	%100
17	M23A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M23A	Z	0	0	0	%100
19	M24	X	0	0	0	%100
20	M24	Z	0	0	0	%100
21	M39A	X	7.204	7.204	0	%100
22	M39A	Z	12.477	12.477	0	%100
23	M40	X	7.204	7.204	0	%100
24	M40	Z	12.477	12.477	0	%100
25	M55	X	7.15	7.15	0	%100
26	M55	Z	12.384	12.384	0	%100
27	M56	X	1.788	1.788	0	%100
28	M56	Z	3.096	3.096	0	%100
29	M60A	X	3.422	3.422	0	%100
30	M60A	Z	5.927	5.927	0	%100
31	M61	X	11.552	11.552	0	%100
32	M61	Z	20.009	20.009	0	%100
33	M62	X	11.552	11.552	0	%100
34	M62	Z	20.009	20.009	0	%100
35	M63	X	11.552	11.552	0	%100
36	M63	Z	20.009	20.009	0	%100
37	M64	X	7.204	7.204	0	%100
38	M64	Z	12.477	12.477	0	%100
39	MP2A	X	4.562	4.562	0	%100
40	MP2A	Z	7.902	7.902	0	%100
41	MP3A	X	4.562	4.562	0	%100
42	MP3A	Z	7.902	7.902	0	%100
43	MP4A	X	4.562	4.562	0	%100
44	MP4A	Z	7.902	7.902	0	%100
45	M39	X	4.562	4.562	0	%100
46	M39	Z	7.902	7.902	0	%100
47	MP5A	X	4.562	4.562	0	%100
48	MP5A	Z	7.902	7.902	0	%100
49	M45	X	4.197	4.197	0	%100
50	M45	Z	7.269	7.269	0	%100
51	M46	X	1.036	1.036	0	%100
52	M46	Z	1.794	1.794	0	%100
53	MP1C	X	4.562	4.562	0	%100
54	MP1C	Z	7.902	7.902	0	%100
55	M54A	X	0	0	0	%100
56	M54A	Z	0	0	0	%100
57	MP3C	X	4.562	4.562	0	%100
58	MP3C	Z	7.902	7.902	0	%100
59	MP4C	X	4.562	4.562	0	%100
60	MP4C	Z	7.902	7.902	0	%100
61	M70	X	4.562	4.562	0	%100
62	M70	Z	7.902	7.902	0	%100
63	MP5C	X	4.562	4.562	0	%100
64	MP5C	Z	7.902	7.902	0	%100
65	M82	X	3.422	3.422	0	%100
66	M82	Z	5.927	5.927	0	%100
67	M85	X	7.204	7.204	0	%100
68	M85	Z	12.477	12.477	0	%100
69	MP3B	X	4.562	4.562	0	%100
70	MP3B	Z	7.902	7.902	0	%100
71	MP4B	X	4.562	4.562	0	%100
72	MP4B	Z	7.902	7.902	0	%100
73	M101	X	4.562	4.562	0	%100
74	M101	Z	7.902	7.902	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	MP5B	X	4.562	4.562	0	%100
76	MP5B	Z	7.902	7.902	0	%100
77	M107A	X	5.443	5.443	0	%100
78	M107A	Z	9.427	9.427	0	%100
79	M108A	X	1.361	1.361	0	%100
80	M108A	Z	2.357	2.357	0	%100
81	M105	X	2.117	2.117	0	%100
82	M105	Z	3.666	3.666	0	%100
83	M106A	X	2.117	2.117	0	%100
84	M106A	Z	3.666	3.666	0	%100
85	M107	X	1.036	1.036	0	%100
86	M107	Z	1.794	1.794	0	%100
87	M108	X	4.197	4.197	0	%100
88	M108	Z	7.269	7.269	0	%100
89	MP1B	X	4.562	4.562	0	%100
90	MP1B	Z	7.902	7.902	0	%100
91	MP2C	X	4.562	4.562	0	%100
92	MP2C	Z	7.902	7.902	0	%100
93	MP2B	X	4.562	4.562	0	%100
94	MP2B	Z	7.902	7.902	0	%100
95	M102B	X	0	0	0	%100
96	M102B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	12.246	12.246	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	12.246	12.246	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	19.209	19.209	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	19.209	19.209	0	%100
15	MP1A	X	0	0	0	%100
16	MP1A	Z	9.124	9.124	0	%100
17	M23A	X	0	0	0	%100
18	M23A	Z	4.802	4.802	0	%100
19	M24	X	0	0	0	%100
20	M24	Z	4.802	4.802	0	%100
21	M39A	X	0	0	0	%100
22	M39A	Z	4.802	4.802	0	%100
23	M40	X	0	0	0	%100
24	M40	Z	4.802	4.802	0	%100
25	M55	X	0	0	0	%100
26	M55	Z	10.725	10.725	0	%100
27	M56	X	0	0	0	%100
28	M56	Z	10.725	10.725	0	%100
29	M60A	X	0	0	0	%100
30	M60A	Z	9.124	9.124	0	%100
31	M61	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
32	M61	Z	23.105	23.105	0	%100
33	M62	X	0	0	0	%100
34	M62	Z	23.105	23.105	0	%100
35	M63	X	0	0	0	%100
36	M63	Z	23.105	23.105	0	%100
37	M64	X	0	0	0	%100
38	M64	Z	19.209	19.209	0	%100
39	MP2A	X	0	0	0	%100
40	MP2A	Z	9.124	9.124	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	9.124	9.124	0	%100
43	MP4A	X	0	0	0	%100
44	MP4A	Z	9.124	9.124	0	%100
45	M39	X	0	0	0	%100
46	M39	Z	9.124	9.124	0	%100
47	MP5A	X	0	0	0	%100
48	MP5A	Z	9.124	9.124	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	5.565	5.565	0	%100
51	M46	X	0	0	0	%100
52	M46	Z	5.565	5.565	0	%100
53	MP1C	X	0	0	0	%100
54	MP1C	Z	9.124	9.124	0	%100
55	M54A	X	0	0	0	%100
56	M54A	Z	4.802	4.802	0	%100
57	MP3C	X	0	0	0	%100
58	MP3C	Z	9.124	9.124	0	%100
59	MP4C	X	0	0	0	%100
60	MP4C	Z	9.124	9.124	0	%100
61	M70	X	0	0	0	%100
62	M70	Z	9.124	9.124	0	%100
63	MP5C	X	0	0	0	%100
64	MP5C	Z	9.124	9.124	0	%100
65	M82	X	0	0	0	%100
66	M82	Z	2.281	2.281	0	%100
67	M85	X	0	0	0	%100
68	M85	Z	4.802	4.802	0	%100
69	MP3B	X	0	0	0	%100
70	MP3B	Z	9.124	9.124	0	%100
71	MP4B	X	0	0	0	%100
72	MP4B	Z	9.124	9.124	0	%100
73	M101	X	0	0	0	%100
74	M101	Z	9.124	9.124	0	%100
75	MP5B	X	0	0	0	%100
76	MP5B	Z	9.124	9.124	0	%100
77	M107A	X	0	0	0	%100
78	M107A	Z	8.164	8.164	0	%100
79	M108A	X	0	0	0	%100
80	M108A	Z	8.164	8.164	0	%100
81	M105	X	0	0	0	%100
82	M105	Z	7.727	7.727	0	%100
83	M106A	X	0	0	0	%100
84	M106A	Z	1.405	1.405	0	%100
85	M107	X	0	0	0	%100
86	M107	Z	1.405	1.405	0	%100
87	M108	X	0	0	0	%100
88	M108	Z	7.727	7.727	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
89	MP1B	X	0	0	0	%100
90	MP1B	Z	9.124	9.124	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	9.124	9.124	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	9.124	9.124	0	%100
95	M102B	X	0	0	0	%100
96	M102B	Z	2.281	2.281	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.361	-1.361	0	%100
2	M1	Z	2.357	2.357	0	%100
3	M2	X	-1.788	-1.788	0	%100
4	M2	Z	3.096	3.096	0	%100
5	M5	X	-2.041	-2.041	0	%100
6	M5	Z	3.535	3.535	0	%100
7	M6	X	-2.041	-2.041	0	%100
8	M6	Z	3.535	3.535	0	%100
9	M7	X	-8.164	-8.164	0	%100
10	M7	Z	14.14	14.14	0	%100
11	M6A	X	-7.204	-7.204	0	%100
12	M6A	Z	12.477	12.477	0	%100
13	M7A	X	-7.204	-7.204	0	%100
14	M7A	Z	12.477	12.477	0	%100
15	MP1A	X	-4.562	-4.562	0	%100
16	MP1A	Z	7.902	7.902	0	%100
17	M23A	X	-7.204	-7.204	0	%100
18	M23A	Z	12.477	12.477	0	%100
19	M24	X	-7.204	-7.204	0	%100
20	M24	Z	12.477	12.477	0	%100
21	M39A	X	0	0	0	%100
22	M39A	Z	0	0	0	%100
23	M40	X	0	0	0	%100
24	M40	Z	0	0	0	%100
25	M55	X	-1.788	-1.788	0	%100
26	M55	Z	3.096	3.096	0	%100
27	M56	X	-7.15	-7.15	0	%100
28	M56	Z	12.384	12.384	0	%100
29	M60A	X	-3.422	-3.422	0	%100
30	M60A	Z	5.927	5.927	0	%100
31	M61	X	-11.552	-11.552	0	%100
32	M61	Z	20.009	20.009	0	%100
33	M62	X	-11.552	-11.552	0	%100
34	M62	Z	20.009	20.009	0	%100
35	M63	X	-11.552	-11.552	0	%100
36	M63	Z	20.009	20.009	0	%100
37	M64	X	-7.204	-7.204	0	%100
38	M64	Z	12.477	12.477	0	%100
39	MP2A	X	-4.562	-4.562	0	%100
40	MP2A	Z	7.902	7.902	0	%100
41	MP3A	X	-4.562	-4.562	0	%100
42	MP3A	Z	7.902	7.902	0	%100
43	MP4A	X	-4.562	-4.562	0	%100
44	MP4A	Z	7.902	7.902	0	%100
45	M39	X	-4.562	-4.562	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M39	Z	7.902	7.902	0	%100
47	MP5A	X	-4.562	-4.562	0	%100
48	MP5A	Z	7.902	7.902	0	%100
49	M45	X	-1.036	-1.036	0	%100
50	M45	Z	1.794	1.794	0	%100
51	M46	X	-4.197	-4.197	0	%100
52	M46	Z	7.269	7.269	0	%100
53	MP1C	X	-4.562	-4.562	0	%100
54	MP1C	Z	7.902	7.902	0	%100
55	M54A	X	-7.204	-7.204	0	%100
56	M54A	Z	12.477	12.477	0	%100
57	MP3C	X	-4.562	-4.562	0	%100
58	MP3C	Z	7.902	7.902	0	%100
59	MP4C	X	-4.562	-4.562	0	%100
60	MP4C	Z	7.902	7.902	0	%100
61	M70	X	-4.562	-4.562	0	%100
62	M70	Z	7.902	7.902	0	%100
63	MP5C	X	-4.562	-4.562	0	%100
64	MP5C	Z	7.902	7.902	0	%100
65	M82	X	0	0	0	%100
66	M82	Z	0	0	0	%100
67	M85	X	0	0	0	%100
68	M85	Z	0	0	0	%100
69	MP3B	X	-4.562	-4.562	0	%100
70	MP3B	Z	7.902	7.902	0	%100
71	MP4B	X	-4.562	-4.562	0	%100
72	MP4B	Z	7.902	7.902	0	%100
73	M101	X	-4.562	-4.562	0	%100
74	M101	Z	7.902	7.902	0	%100
75	MP5B	X	-4.562	-4.562	0	%100
76	MP5B	Z	7.902	7.902	0	%100
77	M107A	X	-1.361	-1.361	0	%100
78	M107A	Z	2.357	2.357	0	%100
79	M108A	X	-5.443	-5.443	0	%100
80	M108A	Z	9.427	9.427	0	%100
81	M105	X	-4.197	-4.197	0	%100
82	M105	Z	7.269	7.269	0	%100
83	M106A	X	-1.036	-1.036	0	%100
84	M106A	Z	1.794	1.794	0	%100
85	M107	X	-2.117	-2.117	0	%100
86	M107	Z	3.666	3.666	0	%100
87	M108	X	-2.117	-2.117	0	%100
88	M108	Z	3.666	3.666	0	%100
89	MP1B	X	-4.562	-4.562	0	%100
90	MP1B	Z	7.902	7.902	0	%100
91	MP2C	X	-4.562	-4.562	0	%100
92	MP2C	Z	7.902	7.902	0	%100
93	MP2B	X	-4.562	-4.562	0	%100
94	MP2B	Z	7.902	7.902	0	%100
95	M102B	X	-3.422	-3.422	0	%100
96	M102B	Z	5.927	5.927	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-7.07	-7.07	0	%100
2	M1	Z	4.082	4.082	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
3	M2	X	-9.288	-9.288	0	%100
4	M2	Z	5.363	5.363	0	%100
5	M5	X	-10.605	-10.605	0	%100
6	M5	Z	6.123	6.123	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-10.605	-10.605	0	%100
10	M7	Z	6.123	6.123	0	%100
11	M6A	X	-4.159	-4.159	0	%100
12	M6A	Z	2.401	2.401	0	%100
13	M7A	X	-4.159	-4.159	0	%100
14	M7A	Z	2.401	2.401	0	%100
15	MP1A	X	-7.902	-7.902	0	%100
16	MP1A	Z	4.562	4.562	0	%100
17	M23A	X	-16.636	-16.636	0	%100
18	M23A	Z	9.605	9.605	0	%100
19	M24	X	-16.636	-16.636	0	%100
20	M24	Z	9.605	9.605	0	%100
21	M39A	X	-4.159	-4.159	0	%100
22	M39A	Z	2.401	2.401	0	%100
23	M40	X	-4.159	-4.159	0	%100
24	M40	Z	2.401	2.401	0	%100
25	M55	X	0	0	0	%100
26	M55	Z	0	0	0	%100
27	M56	X	-9.288	-9.288	0	%100
28	M56	Z	5.363	5.363	0	%100
29	M60A	X	-1.976	-1.976	0	%100
30	M60A	Z	1.141	1.141	0	%100
31	M61	X	-20.009	-20.009	0	%100
32	M61	Z	11.552	11.552	0	%100
33	M62	X	-20.009	-20.009	0	%100
34	M62	Z	11.552	11.552	0	%100
35	M63	X	-20.009	-20.009	0	%100
36	M63	Z	11.552	11.552	0	%100
37	M64	X	-4.159	-4.159	0	%100
38	M64	Z	2.401	2.401	0	%100
39	MP2A	X	-7.902	-7.902	0	%100
40	MP2A	Z	4.562	4.562	0	%100
41	MP3A	X	-7.902	-7.902	0	%100
42	MP3A	Z	4.562	4.562	0	%100
43	MP4A	X	-7.902	-7.902	0	%100
44	MP4A	Z	4.562	4.562	0	%100
45	M39	X	-7.902	-7.902	0	%100
46	M39	Z	4.562	4.562	0	%100
47	MP5A	X	-7.902	-7.902	0	%100
48	MP5A	Z	4.562	4.562	0	%100
49	M45	X	-1.217	-1.217	0	%100
50	M45	Z	.703	.703	0	%100
51	M46	X	-6.692	-6.692	0	%100
52	M46	Z	3.864	3.864	0	%100
53	MP1C	X	-7.902	-7.902	0	%100
54	MP1C	Z	4.562	4.562	0	%100
55	M54A	X	-16.636	-16.636	0	%100
56	M54A	Z	9.605	9.605	0	%100
57	MP3C	X	-7.902	-7.902	0	%100
58	MP3C	Z	4.562	4.562	0	%100
59	MP4C	X	-7.902	-7.902	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
60	MP4C	Z	4.562	4.562	0	%100
61	M70	X	-7.902	-7.902	0	%100
62	M70	Z	4.562	4.562	0	%100
63	MP5C	X	-7.902	-7.902	0	%100
64	MP5C	Z	4.562	4.562	0	%100
65	M82	X	-1.976	-1.976	0	%100
66	M82	Z	1.141	1.141	0	%100
67	M85	X	-4.159	-4.159	0	%100
68	M85	Z	2.401	2.401	0	%100
69	MP3B	X	-7.902	-7.902	0	%100
70	MP3B	Z	4.562	4.562	0	%100
71	MP4B	X	-7.902	-7.902	0	%100
72	MP4B	Z	4.562	4.562	0	%100
73	M101	X	-7.902	-7.902	0	%100
74	M101	Z	4.562	4.562	0	%100
75	MP5B	X	-7.902	-7.902	0	%100
76	MP5B	Z	4.562	4.562	0	%100
77	M107A	X	0	0	0	%100
78	M107A	Z	0	0	0	%100
79	M108A	X	-7.07	-7.07	0	%100
80	M108A	Z	4.082	4.082	0	%100
81	M105	X	-4.82	-4.82	0	%100
82	M105	Z	2.783	2.783	0	%100
83	M106A	X	-4.82	-4.82	0	%100
84	M106A	Z	2.783	2.783	0	%100
85	M107	X	-6.692	-6.692	0	%100
86	M107	Z	3.864	3.864	0	%100
87	M108	X	-1.217	-1.217	0	%100
88	M108	Z	.703	.703	0	%100
89	MP1B	X	-7.902	-7.902	0	%100
90	MP1B	Z	4.562	4.562	0	%100
91	MP2C	X	-7.902	-7.902	0	%100
92	MP2C	Z	4.562	4.562	0	%100
93	MP2B	X	-7.902	-7.902	0	%100
94	MP2B	Z	4.562	4.562	0	%100
95	M102B	X	-7.902	-7.902	0	%100
96	M102B	Z	4.562	4.562	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-10.885	-10.885	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-14.3	-14.3	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	-16.328	-16.328	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	-4.082	-4.082	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-4.082	-4.082	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	0	0	0	%100
15	MP1A	X	-9.124	-9.124	0	%100
16	MP1A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	M23A	X	-14.407	-14.407	0	%100
18	M23A	Z	0	0	0	%100
19	M24	X	-14.407	-14.407	0	%100
20	M24	Z	0	0	0	%100
21	M39A	X	-14.407	-14.407	0	%100
22	M39A	Z	0	0	0	%100
23	M40	X	-14.407	-14.407	0	%100
24	M40	Z	0	0	0	%100
25	M55	X	-3.575	-3.575	0	%100
26	M55	Z	0	0	0	%100
27	M56	X	-3.575	-3.575	0	%100
28	M56	Z	0	0	0	%100
29	M60A	X	0	0	0	%100
30	M60A	Z	0	0	0	%100
31	M61	X	-23.105	-23.105	0	%100
32	M61	Z	0	0	0	%100
33	M62	X	-23.105	-23.105	0	%100
34	M62	Z	0	0	0	%100
35	M63	X	-23.105	-23.105	0	%100
36	M63	Z	0	0	0	%100
37	M64	X	0	0	0	%100
38	M64	Z	0	0	0	%100
39	MP2A	X	-9.124	-9.124	0	%100
40	MP2A	Z	0	0	0	%100
41	MP3A	X	-9.124	-9.124	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	-9.124	-9.124	0	%100
44	MP4A	Z	0	0	0	%100
45	M39	X	-9.124	-9.124	0	%100
46	M39	Z	0	0	0	%100
47	MP5A	X	-9.124	-9.124	0	%100
48	MP5A	Z	0	0	0	%100
49	M45	X	-4.233	-4.233	0	%100
50	M45	Z	0	0	0	%100
51	M46	X	-4.233	-4.233	0	%100
52	M46	Z	0	0	0	%100
53	MP1C	X	-9.124	-9.124	0	%100
54	MP1C	Z	0	0	0	%100
55	M54A	X	-14.407	-14.407	0	%100
56	M54A	Z	0	0	0	%100
57	MP3C	X	-9.124	-9.124	0	%100
58	MP3C	Z	0	0	0	%100
59	MP4C	X	-9.124	-9.124	0	%100
60	MP4C	Z	0	0	0	%100
61	M70	X	-9.124	-9.124	0	%100
62	M70	Z	0	0	0	%100
63	MP5C	X	-9.124	-9.124	0	%100
64	MP5C	Z	0	0	0	%100
65	M82	X	-6.843	-6.843	0	%100
66	M82	Z	0	0	0	%100
67	M85	X	-14.407	-14.407	0	%100
68	M85	Z	0	0	0	%100
69	MP3B	X	-9.124	-9.124	0	%100
70	MP3B	Z	0	0	0	%100
71	MP4B	X	-9.124	-9.124	0	%100
72	MP4B	Z	0	0	0	%100
73	M101	X	-9.124	-9.124	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
74	M101	Z	0	0	0	%100
75	MP5B	X	-9.124	-9.124	0	%100
76	MP5B	Z	0	0	0	%100
77	M107A	X	-2.721	-2.721	0	%100
78	M107A	Z	0	0	0	%100
79	M108A	X	-2.721	-2.721	0	%100
80	M108A	Z	0	0	0	%100
81	M105	X	-2.071	-2.071	0	%100
82	M105	Z	0	0	0	%100
83	M106A	X	-8.393	-8.393	0	%100
84	M106A	Z	0	0	0	%100
85	M107	X	-8.393	-8.393	0	%100
86	M107	Z	0	0	0	%100
87	M108	X	-2.071	-2.071	0	%100
88	M108	Z	0	0	0	%100
89	MP1B	X	-9.124	-9.124	0	%100
90	MP1B	Z	0	0	0	%100
91	MP2C	X	-9.124	-9.124	0	%100
92	MP2C	Z	0	0	0	%100
93	MP2B	X	-9.124	-9.124	0	%100
94	MP2B	Z	0	0	0	%100
95	M102B	X	-6.843	-6.843	0	%100
96	M102B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-7.07	-7.07	0	%100
2	M1	Z	-4.082	-4.082	0	%100
3	M2	X	-9.288	-9.288	0	%100
4	M2	Z	-5.363	-5.363	0	%100
5	M5	X	-10.605	-10.605	0	%100
6	M5	Z	-6.123	-6.123	0	%100
7	M6	X	-10.605	-10.605	0	%100
8	M6	Z	-6.123	-6.123	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	-4.159	-4.159	0	%100
12	M6A	Z	-2.401	-2.401	0	%100
13	M7A	X	-4.159	-4.159	0	%100
14	M7A	Z	-2.401	-2.401	0	%100
15	MP1A	X	-7.902	-7.902	0	%100
16	MP1A	Z	-4.562	-4.562	0	%100
17	M23A	X	-4.159	-4.159	0	%100
18	M23A	Z	-2.401	-2.401	0	%100
19	M24	X	-4.159	-4.159	0	%100
20	M24	Z	-2.401	-2.401	0	%100
21	M39A	X	-16.636	-16.636	0	%100
22	M39A	Z	-9.605	-9.605	0	%100
23	M40	X	-16.636	-16.636	0	%100
24	M40	Z	-9.605	-9.605	0	%100
25	M55	X	-9.288	-9.288	0	%100
26	M55	Z	-5.363	-5.363	0	%100
27	M56	X	0	0	0	%100
28	M56	Z	0	0	0	%100
29	M60A	X	-1.976	-1.976	0	%100
30	M60A	Z	-1.141	-1.141	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
31	M61	X	-20.009	-20.009	0	%100
32	M61	Z	-11.552	-11.552	0	%100
33	M62	X	-20.009	-20.009	0	%100
34	M62	Z	-11.552	-11.552	0	%100
35	M63	X	-20.009	-20.009	0	%100
36	M63	Z	-11.552	-11.552	0	%100
37	M64	X	-4.159	-4.159	0	%100
38	M64	Z	-2.401	-2.401	0	%100
39	MP2A	X	-7.902	-7.902	0	%100
40	MP2A	Z	-4.562	-4.562	0	%100
41	MP3A	X	-7.902	-7.902	0	%100
42	MP3A	Z	-4.562	-4.562	0	%100
43	MP4A	X	-7.902	-7.902	0	%100
44	MP4A	Z	-4.562	-4.562	0	%100
45	M39	X	-7.902	-7.902	0	%100
46	M39	Z	-4.562	-4.562	0	%100
47	MP5A	X	-7.902	-7.902	0	%100
48	MP5A	Z	-4.562	-4.562	0	%100
49	M45	X	-6.692	-6.692	0	%100
50	M45	Z	-3.864	-3.864	0	%100
51	M46	X	-1.217	-1.217	0	%100
52	M46	Z	-.703	-.703	0	%100
53	MP1C	X	-7.902	-7.902	0	%100
54	MP1C	Z	-4.562	-4.562	0	%100
55	M54A	X	-4.159	-4.159	0	%100
56	M54A	Z	-2.401	-2.401	0	%100
57	MP3C	X	-7.902	-7.902	0	%100
58	MP3C	Z	-4.562	-4.562	0	%100
59	MP4C	X	-7.902	-7.902	0	%100
60	MP4C	Z	-4.562	-4.562	0	%100
61	M70	X	-7.902	-7.902	0	%100
62	M70	Z	-4.562	-4.562	0	%100
63	MP5C	X	-7.902	-7.902	0	%100
64	MP5C	Z	-4.562	-4.562	0	%100
65	M82	X	-7.902	-7.902	0	%100
66	M82	Z	-4.562	-4.562	0	%100
67	M85	X	-16.636	-16.636	0	%100
68	M85	Z	-9.605	-9.605	0	%100
69	MP3B	X	-7.902	-7.902	0	%100
70	MP3B	Z	-4.562	-4.562	0	%100
71	MP4B	X	-7.902	-7.902	0	%100
72	MP4B	Z	-4.562	-4.562	0	%100
73	M101	X	-7.902	-7.902	0	%100
74	M101	Z	-4.562	-4.562	0	%100
75	MP5B	X	-7.902	-7.902	0	%100
76	MP5B	Z	-4.562	-4.562	0	%100
77	M107A	X	-7.07	-7.07	0	%100
78	M107A	Z	-4.082	-4.082	0	%100
79	M108A	X	0	0	0	%100
80	M108A	Z	0	0	0	%100
81	M105	X	-1.217	-1.217	0	%100
82	M105	Z	-.703	-.703	0	%100
83	M106A	X	-6.692	-6.692	0	%100
84	M106A	Z	-3.864	-3.864	0	%100
85	M107	X	-4.82	-4.82	0	%100
86	M107	Z	-2.783	-2.783	0	%100
87	M108	X	-4.82	-4.82	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
88	M108	Z	-2.783	-2.783	0	%100
89	MP1B	X	-7.902	-7.902	0	%100
90	MP1B	Z	-4.562	-4.562	0	%100
91	MP2C	X	-7.902	-7.902	0	%100
92	MP2C	Z	-4.562	-4.562	0	%100
93	MP2B	X	-7.902	-7.902	0	%100
94	MP2B	Z	-4.562	-4.562	0	%100
95	M102B	X	-1.976	-1.976	0	%100
96	M102B	Z	-1.141	-1.141	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.361	-1.361	0	%100
2	M1	Z	-2.357	-2.357	0	%100
3	M2	X	-1.788	-1.788	0	%100
4	M2	Z	-3.096	-3.096	0	%100
5	M5	X	-2.041	-2.041	0	%100
6	M5	Z	-3.535	-3.535	0	%100
7	M6	X	-8.164	-8.164	0	%100
8	M6	Z	-14.14	-14.14	0	%100
9	M7	X	-2.041	-2.041	0	%100
10	M7	Z	-3.535	-3.535	0	%100
11	M6A	X	-7.204	-7.204	0	%100
12	M6A	Z	-12.477	-12.477	0	%100
13	M7A	X	-7.204	-7.204	0	%100
14	M7A	Z	-12.477	-12.477	0	%100
15	MP1A	X	-4.562	-4.562	0	%100
16	MP1A	Z	-7.902	-7.902	0	%100
17	M23A	X	0	0	0	%100
18	M23A	Z	0	0	0	%100
19	M24	X	0	0	0	%100
20	M24	Z	0	0	0	%100
21	M39A	X	-7.204	-7.204	0	%100
22	M39A	Z	-12.477	-12.477	0	%100
23	M40	X	-7.204	-7.204	0	%100
24	M40	Z	-12.477	-12.477	0	%100
25	M55	X	-7.15	-7.15	0	%100
26	M55	Z	-12.384	-12.384	0	%100
27	M56	X	-1.788	-1.788	0	%100
28	M56	Z	-3.096	-3.096	0	%100
29	M60A	X	-3.422	-3.422	0	%100
30	M60A	Z	-5.927	-5.927	0	%100
31	M61	X	-11.552	-11.552	0	%100
32	M61	Z	-20.009	-20.009	0	%100
33	M62	X	-11.552	-11.552	0	%100
34	M62	Z	-20.009	-20.009	0	%100
35	M63	X	-11.552	-11.552	0	%100
36	M63	Z	-20.009	-20.009	0	%100
37	M64	X	-7.204	-7.204	0	%100
38	M64	Z	-12.477	-12.477	0	%100
39	MP2A	X	-4.562	-4.562	0	%100
40	MP2A	Z	-7.902	-7.902	0	%100
41	MP3A	X	-4.562	-4.562	0	%100
42	MP3A	Z	-7.902	-7.902	0	%100
43	MP4A	X	-4.562	-4.562	0	%100
44	MP4A	Z	-7.902	-7.902	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	M39	X	-4.562	-4.562	0	%100
46	M39	Z	-7.902	-7.902	0	%100
47	MP5A	X	-4.562	-4.562	0	%100
48	MP5A	Z	-7.902	-7.902	0	%100
49	M45	X	-4.197	-4.197	0	%100
50	M45	Z	-7.269	-7.269	0	%100
51	M46	X	-1.036	-1.036	0	%100
52	M46	Z	-1.794	-1.794	0	%100
53	MP1C	X	-4.562	-4.562	0	%100
54	MP1C	Z	-7.902	-7.902	0	%100
55	M54A	X	0	0	0	%100
56	M54A	Z	0	0	0	%100
57	MP3C	X	-4.562	-4.562	0	%100
58	MP3C	Z	-7.902	-7.902	0	%100
59	MP4C	X	-4.562	-4.562	0	%100
60	MP4C	Z	-7.902	-7.902	0	%100
61	M70	X	-4.562	-4.562	0	%100
62	M70	Z	-7.902	-7.902	0	%100
63	MP5C	X	-4.562	-4.562	0	%100
64	MP5C	Z	-7.902	-7.902	0	%100
65	M82	X	-3.422	-3.422	0	%100
66	M82	Z	-5.927	-5.927	0	%100
67	M85	X	-7.204	-7.204	0	%100
68	M85	Z	-12.477	-12.477	0	%100
69	MP3B	X	-4.562	-4.562	0	%100
70	MP3B	Z	-7.902	-7.902	0	%100
71	MP4B	X	-4.562	-4.562	0	%100
72	MP4B	Z	-7.902	-7.902	0	%100
73	M101	X	-4.562	-4.562	0	%100
74	M101	Z	-7.902	-7.902	0	%100
75	MP5B	X	-4.562	-4.562	0	%100
76	MP5B	Z	-7.902	-7.902	0	%100
77	M107A	X	-5.443	-5.443	0	%100
78	M107A	Z	-9.427	-9.427	0	%100
79	M108A	X	-1.361	-1.361	0	%100
80	M108A	Z	-2.357	-2.357	0	%100
81	M105	X	-2.117	-2.117	0	%100
82	M105	Z	-3.666	-3.666	0	%100
83	M106A	X	-2.117	-2.117	0	%100
84	M106A	Z	-3.666	-3.666	0	%100
85	M107	X	-1.036	-1.036	0	%100
86	M107	Z	-1.794	-1.794	0	%100
87	M108	X	-4.197	-4.197	0	%100
88	M108	Z	-7.269	-7.269	0	%100
89	MP1B	X	-4.562	-4.562	0	%100
90	MP1B	Z	-7.902	-7.902	0	%100
91	MP2C	X	-4.562	-4.562	0	%100
92	MP2C	Z	-7.902	-7.902	0	%100
93	MP2B	X	-4.562	-4.562	0	%100
94	MP2B	Z	-7.902	-7.902	0	%100
95	M102B	X	0	0	0	%100
96	M102B	Z	0	0	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-3.478	-3.478	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-3.478	-3.478	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	-5.317	-5.317	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	-5.317	-5.317	0	%100
15	MP1A	X	0	0	0	%100
16	MP1A	Z	-3.41	-3.41	0	%100
17	M23A	X	0	0	0	%100
18	M23A	Z	-1.329	-1.329	0	%100
19	M24	X	0	0	0	%100
20	M24	Z	-1.329	-1.329	0	%100
21	M39A	X	0	0	0	%100
22	M39A	Z	-1.329	-1.329	0	%100
23	M40	X	0	0	0	%100
24	M40	Z	-1.329	-1.329	0	%100
25	M55	X	0	0	0	%100
26	M55	Z	-2.948	-2.948	0	%100
27	M56	X	0	0	0	%100
28	M56	Z	-2.948	-2.948	0	%100
29	M60A	X	0	0	0	%100
30	M60A	Z	-3.41	-3.41	0	%100
31	M61	X	0	0	0	%100
32	M61	Z	-5.831	-5.831	0	%100
33	M62	X	0	0	0	%100
34	M62	Z	-5.831	-5.831	0	%100
35	M63	X	0	0	0	%100
36	M63	Z	-5.831	-5.831	0	%100
37	M64	X	0	0	0	%100
38	M64	Z	-5.317	-5.317	0	%100
39	MP2A	X	0	0	0	%100
40	MP2A	Z	-3.41	-3.41	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	-3.41	-3.41	0	%100
43	MP4A	X	0	0	0	%100
44	MP4A	Z	-3.41	-3.41	0	%100
45	M39	X	0	0	0	%100
46	M39	Z	-3.41	-3.41	0	%100
47	MP5A	X	0	0	0	%100
48	MP5A	Z	-3.41	-3.41	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	-2.09	-2.09	0	%100
51	M46	X	0	0	0	%100
52	M46	Z	-2.09	-2.09	0	%100
53	MP1C	X	0	0	0	%100
54	MP1C	Z	-3.41	-3.41	0	%100
55	M54A	X	0	0	0	%100
56	M54A	Z	-1.329	-1.329	0	%100
57	MP3C	X	0	0	0	%100
58	MP3C	Z	-3.41	-3.41	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
59	MP4C	X	0	0	0	%100
60	MP4C	Z	-3.41	-3.41	0	%100
61	M70	X	0	0	0	%100
62	M70	Z	-3.41	-3.41	0	%100
63	MP5C	X	0	0	0	%100
64	MP5C	Z	-3.41	-3.41	0	%100
65	M82	X	0	0	0	%100
66	M82	Z	-.853	-.853	0	%100
67	M85	X	0	0	0	%100
68	M85	Z	-1.329	-1.329	0	%100
69	MP3B	X	0	0	0	%100
70	MP3B	Z	-3.41	-3.41	0	%100
71	MP4B	X	0	0	0	%100
72	MP4B	Z	-3.41	-3.41	0	%100
73	M101	X	0	0	0	%100
74	M101	Z	-3.41	-3.41	0	%100
75	MP5B	X	0	0	0	%100
76	MP5B	Z	-3.41	-3.41	0	%100
77	M107A	X	0	0	0	%100
78	M107A	Z	-2.293	-2.293	0	%100
79	M108A	X	0	0	0	%100
80	M108A	Z	-2.293	-2.293	0	%100
81	M105	X	0	0	0	%100
82	M105	Z	-2.902	-2.902	0	%100
83	M106A	X	0	0	0	%100
84	M106A	Z	-.528	-.528	0	%100
85	M107	X	0	0	0	%100
86	M107	Z	-.528	-.528	0	%100
87	M108	X	0	0	0	%100
88	M108	Z	-2.902	-2.902	0	%100
89	MP1B	X	0	0	0	%100
90	MP1B	Z	-3.41	-3.41	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-3.41	-3.41	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	-3.41	-3.41	0	%100
95	M102B	X	0	0	0	%100
96	M102B	Z	-.853	-.853	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.382	.382	0	%100
2	M1	Z	-.662	-.662	0	%100
3	M2	X	.491	.491	0	%100
4	M2	Z	-.851	-.851	0	%100
5	M5	X	.58	.58	0	%100
6	M5	Z	-1.004	-1.004	0	%100
7	M6	X	.58	.58	0	%100
8	M6	Z	-1.004	-1.004	0	%100
9	M7	X	2.319	2.319	0	%100
10	M7	Z	-4.016	-4.016	0	%100
11	M6A	X	1.994	1.994	0	%100
12	M6A	Z	-3.453	-3.453	0	%100
13	M7A	X	1.994	1.994	0	%100
14	M7A	Z	-3.453	-3.453	0	%100
15	MP1A	X	1.705	1.705	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	MP1A	Z	-2.953	-2.953	0	%100
17	M23A	X	1.994	1.994	0	%100
18	M23A	Z	-3.453	-3.453	0	%100
19	M24	X	1.994	1.994	0	%100
20	M24	Z	-3.453	-3.453	0	%100
21	M39A	X	0	0	0	%100
22	M39A	Z	0	0	0	%100
23	M40	X	0	0	0	%100
24	M40	Z	0	0	0	%100
25	M55	X	.491	.491	0	%100
26	M55	Z	-.851	-.851	0	%100
27	M56	X	1.966	1.966	0	%100
28	M56	Z	-3.405	-3.405	0	%100
29	M60A	X	1.279	1.279	0	%100
30	M60A	Z	-2.215	-2.215	0	%100
31	M61	X	2.915	2.915	0	%100
32	M61	Z	-5.05	-5.05	0	%100
33	M62	X	2.915	2.915	0	%100
34	M62	Z	-5.05	-5.05	0	%100
35	M63	X	2.915	2.915	0	%100
36	M63	Z	-5.05	-5.05	0	%100
37	M64	X	1.994	1.994	0	%100
38	M64	Z	-3.453	-3.453	0	%100
39	MP2A	X	1.705	1.705	0	%100
40	MP2A	Z	-2.953	-2.953	0	%100
41	MP3A	X	1.705	1.705	0	%100
42	MP3A	Z	-2.953	-2.953	0	%100
43	MP4A	X	1.705	1.705	0	%100
44	MP4A	Z	-2.953	-2.953	0	%100
45	M39	X	1.705	1.705	0	%100
46	M39	Z	-2.953	-2.953	0	%100
47	MP5A	X	1.705	1.705	0	%100
48	MP5A	Z	-2.953	-2.953	0	%100
49	M45	X	.389	.389	0	%100
50	M45	Z	-.674	-.674	0	%100
51	M46	X	1.576	1.576	0	%100
52	M46	Z	-2.73	-2.73	0	%100
53	MP1C	X	1.705	1.705	0	%100
54	MP1C	Z	-2.953	-2.953	0	%100
55	M54A	X	1.994	1.994	0	%100
56	M54A	Z	-3.453	-3.453	0	%100
57	MP3C	X	1.705	1.705	0	%100
58	MP3C	Z	-2.953	-2.953	0	%100
59	MP4C	X	1.705	1.705	0	%100
60	MP4C	Z	-2.953	-2.953	0	%100
61	M70	X	1.705	1.705	0	%100
62	M70	Z	-2.953	-2.953	0	%100
63	MP5C	X	1.705	1.705	0	%100
64	MP5C	Z	-2.953	-2.953	0	%100
65	M82	X	0	0	0	%100
66	M82	Z	0	0	0	%100
67	M85	X	0	0	0	%100
68	M85	Z	0	0	0	%100
69	MP3B	X	1.705	1.705	0	%100
70	MP3B	Z	-2.953	-2.953	0	%100
71	MP4B	X	1.705	1.705	0	%100
72	MP4B	Z	-2.953	-2.953	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M101	X	1.705	1.705	0	%100
74	M101	Z	-2.953	-2.953	0	%100
75	MP5B	X	1.705	1.705	0	%100
76	MP5B	Z	-2.953	-2.953	0	%100
77	M107A	X	.382	.382	0	%100
78	M107A	Z	-.662	-.662	0	%100
79	M108A	X	1.528	1.528	0	%100
80	M108A	Z	-2.647	-2.647	0	%100
81	M105	X	1.576	1.576	0	%100
82	M105	Z	-2.73	-2.73	0	%100
83	M106A	X	.389	.389	0	%100
84	M106A	Z	-.674	-.674	0	%100
85	M107	X	.795	.795	0	%100
86	M107	Z	-1.377	-1.377	0	%100
87	M108	X	.795	.795	0	%100
88	M108	Z	-1.377	-1.377	0	%100
89	MP1B	X	1.705	1.705	0	%100
90	MP1B	Z	-2.953	-2.953	0	%100
91	MP2C	X	1.705	1.705	0	%100
92	MP2C	Z	-2.953	-2.953	0	%100
93	MP2B	X	1.705	1.705	0	%100
94	MP2B	Z	-2.953	-2.953	0	%100
95	M102B	X	1.279	1.279	0	%100
96	M102B	Z	-2.215	-2.215	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.986	1.986	0	%100
2	M1	Z	-1.146	-1.146	0	%100
3	M2	X	2.553	2.553	0	%100
4	M2	Z	-1.474	-1.474	0	%100
5	M5	X	3.012	3.012	0	%100
6	M5	Z	-1.739	-1.739	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	3.012	3.012	0	%100
10	M7	Z	-1.739	-1.739	0	%100
11	M6A	X	1.151	1.151	0	%100
12	M6A	Z	-.665	-.665	0	%100
13	M7A	X	1.151	1.151	0	%100
14	M7A	Z	-.665	-.665	0	%100
15	MP1A	X	2.953	2.953	0	%100
16	MP1A	Z	-1.705	-1.705	0	%100
17	M23A	X	4.604	4.604	0	%100
18	M23A	Z	-2.658	-2.658	0	%100
19	M24	X	4.604	4.604	0	%100
20	M24	Z	-2.658	-2.658	0	%100
21	M39A	X	1.151	1.151	0	%100
22	M39A	Z	-.665	-.665	0	%100
23	M40	X	1.151	1.151	0	%100
24	M40	Z	-.665	-.665	0	%100
25	M55	X	0	0	0	%100
26	M55	Z	0	0	0	%100
27	M56	X	2.553	2.553	0	%100
28	M56	Z	-1.474	-1.474	0	%100
29	M60A	X	.738	.738	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
30	M60A	Z	-.426	-.426	0	%100
31	M61	X	5.05	5.05	0	%100
32	M61	Z	-2.915	-2.915	0	%100
33	M62	X	5.05	5.05	0	%100
34	M62	Z	-2.915	-2.915	0	%100
35	M63	X	5.05	5.05	0	%100
36	M63	Z	-2.915	-2.915	0	%100
37	M64	X	1.151	1.151	0	%100
38	M64	Z	-.665	-.665	0	%100
39	MP2A	X	2.953	2.953	0	%100
40	MP2A	Z	-1.705	-1.705	0	%100
41	MP3A	X	2.953	2.953	0	%100
42	MP3A	Z	-1.705	-1.705	0	%100
43	MP4A	X	2.953	2.953	0	%100
44	MP4A	Z	-1.705	-1.705	0	%100
45	M39	X	2.953	2.953	0	%100
46	M39	Z	-1.705	-1.705	0	%100
47	MP5A	X	2.953	2.953	0	%100
48	MP5A	Z	-1.705	-1.705	0	%100
49	M45	X	.457	.457	0	%100
50	M45	Z	-.264	-.264	0	%100
51	M46	X	2.514	2.514	0	%100
52	M46	Z	-1.451	-1.451	0	%100
53	MP1C	X	2.953	2.953	0	%100
54	MP1C	Z	-1.705	-1.705	0	%100
55	M54A	X	4.604	4.604	0	%100
56	M54A	Z	-2.658	-2.658	0	%100
57	MP3C	X	2.953	2.953	0	%100
58	MP3C	Z	-1.705	-1.705	0	%100
59	MP4C	X	2.953	2.953	0	%100
60	MP4C	Z	-1.705	-1.705	0	%100
61	M70	X	2.953	2.953	0	%100
62	M70	Z	-1.705	-1.705	0	%100
63	MP5C	X	2.953	2.953	0	%100
64	MP5C	Z	-1.705	-1.705	0	%100
65	M82	X	.738	.738	0	%100
66	M82	Z	-.426	-.426	0	%100
67	M85	X	1.151	1.151	0	%100
68	M85	Z	-.665	-.665	0	%100
69	MP3B	X	2.953	2.953	0	%100
70	MP3B	Z	-1.705	-1.705	0	%100
71	MP4B	X	2.953	2.953	0	%100
72	MP4B	Z	-1.705	-1.705	0	%100
73	M101	X	2.953	2.953	0	%100
74	M101	Z	-1.705	-1.705	0	%100
75	MP5B	X	2.953	2.953	0	%100
76	MP5B	Z	-1.705	-1.705	0	%100
77	M107A	X	0	0	0	%100
78	M107A	Z	0	0	0	%100
79	M108A	X	1.986	1.986	0	%100
80	M108A	Z	-1.146	-1.146	0	%100
81	M105	X	1.81	1.81	0	%100
82	M105	Z	-1.045	-1.045	0	%100
83	M106A	X	1.81	1.81	0	%100
84	M106A	Z	-1.045	-1.045	0	%100
85	M107	X	2.514	2.514	0	%100
86	M107	Z	-1.451	-1.451	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
87	M108	X	.457	.457	0	%100
88	M108	Z	-.264	-.264	0	%100
89	MP1B	X	2.953	2.953	0	%100
90	MP1B	Z	-1.705	-1.705	0	%100
91	MP2C	X	2.953	2.953	0	%100
92	MP2C	Z	-1.705	-1.705	0	%100
93	MP2B	X	2.953	2.953	0	%100
94	MP2B	Z	-1.705	-1.705	0	%100
95	M102B	X	2.953	2.953	0	%100
96	M102B	Z	-1.705	-1.705	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.057	3.057	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	3.931	3.931	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	4.637	4.637	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	1.159	1.159	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	1.159	1.159	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	0	0	0	%100
15	MP1A	X	3.41	3.41	0	%100
16	MP1A	Z	0	0	0	%100
17	M23A	X	3.988	3.988	0	%100
18	M23A	Z	0	0	0	%100
19	M24	X	3.988	3.988	0	%100
20	M24	Z	0	0	0	%100
21	M39A	X	3.988	3.988	0	%100
22	M39A	Z	0	0	0	%100
23	M40	X	3.988	3.988	0	%100
24	M40	Z	0	0	0	%100
25	M55	X	.983	.983	0	%100
26	M55	Z	0	0	0	%100
27	M56	X	.983	.983	0	%100
28	M56	Z	0	0	0	%100
29	M60A	X	0	0	0	%100
30	M60A	Z	0	0	0	%100
31	M61	X	5.831	5.831	0	%100
32	M61	Z	0	0	0	%100
33	M62	X	5.831	5.831	0	%100
34	M62	Z	0	0	0	%100
35	M63	X	5.831	5.831	0	%100
36	M63	Z	0	0	0	%100
37	M64	X	0	0	0	%100
38	M64	Z	0	0	0	%100
39	MP2A	X	3.41	3.41	0	%100
40	MP2A	Z	0	0	0	%100
41	MP3A	X	3.41	3.41	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	3.41	3.41	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
44	MP4A	Z	0	0	0	%100
45	M39	X	3.41	3.41	0	%100
46	M39	Z	0	0	0	%100
47	MP5A	X	3.41	3.41	0	%100
48	MP5A	Z	0	0	0	%100
49	M45	X	1.59	1.59	0	%100
50	M45	Z	0	0	0	%100
51	M46	X	1.59	1.59	0	%100
52	M46	Z	0	0	0	%100
53	MP1C	X	3.41	3.41	0	%100
54	MP1C	Z	0	0	0	%100
55	M54A	X	3.988	3.988	0	%100
56	M54A	Z	0	0	0	%100
57	MP3C	X	3.41	3.41	0	%100
58	MP3C	Z	0	0	0	%100
59	MP4C	X	3.41	3.41	0	%100
60	MP4C	Z	0	0	0	%100
61	M70	X	3.41	3.41	0	%100
62	M70	Z	0	0	0	%100
63	MP5C	X	3.41	3.41	0	%100
64	MP5C	Z	0	0	0	%100
65	M82	X	2.558	2.558	0	%100
66	M82	Z	0	0	0	%100
67	M85	X	3.988	3.988	0	%100
68	M85	Z	0	0	0	%100
69	MP3B	X	3.41	3.41	0	%100
70	MP3B	Z	0	0	0	%100
71	MP4B	X	3.41	3.41	0	%100
72	MP4B	Z	0	0	0	%100
73	M101	X	3.41	3.41	0	%100
74	M101	Z	0	0	0	%100
75	MP5B	X	3.41	3.41	0	%100
76	MP5B	Z	0	0	0	%100
77	M107A	X	.764	.764	0	%100
78	M107A	Z	0	0	0	%100
79	M108A	X	.764	.764	0	%100
80	M108A	Z	0	0	0	%100
81	M105	X	.778	.778	0	%100
82	M105	Z	0	0	0	%100
83	M106A	X	3.153	3.153	0	%100
84	M106A	Z	0	0	0	%100
85	M107	X	3.153	3.153	0	%100
86	M107	Z	0	0	0	%100
87	M108	X	.778	.778	0	%100
88	M108	Z	0	0	0	%100
89	MP1B	X	3.41	3.41	0	%100
90	MP1B	Z	0	0	0	%100
91	MP2C	X	3.41	3.41	0	%100
92	MP2C	Z	0	0	0	%100
93	MP2B	X	3.41	3.41	0	%100
94	MP2B	Z	0	0	0	%100
95	M102B	X	2.558	2.558	0	%100
96	M102B	Z	0	0	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.986	1.986	0	%100
2	M1	Z	1.146	1.146	0	%100
3	M2	X	2.553	2.553	0	%100
4	M2	Z	1.474	1.474	0	%100
5	M5	X	3.012	3.012	0	%100
6	M5	Z	1.739	1.739	0	%100
7	M6	X	3.012	3.012	0	%100
8	M6	Z	1.739	1.739	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	1.151	1.151	0	%100
12	M6A	Z	.665	.665	0	%100
13	M7A	X	1.151	1.151	0	%100
14	M7A	Z	.665	.665	0	%100
15	MP1A	X	2.953	2.953	0	%100
16	MP1A	Z	1.705	1.705	0	%100
17	M23A	X	1.151	1.151	0	%100
18	M23A	Z	.665	.665	0	%100
19	M24	X	1.151	1.151	0	%100
20	M24	Z	.665	.665	0	%100
21	M39A	X	4.604	4.604	0	%100
22	M39A	Z	2.658	2.658	0	%100
23	M40	X	4.604	4.604	0	%100
24	M40	Z	2.658	2.658	0	%100
25	M55	X	2.553	2.553	0	%100
26	M55	Z	1.474	1.474	0	%100
27	M56	X	0	0	0	%100
28	M56	Z	0	0	0	%100
29	M60A	X	.738	.738	0	%100
30	M60A	Z	.426	.426	0	%100
31	M61	X	5.05	5.05	0	%100
32	M61	Z	2.915	2.915	0	%100
33	M62	X	5.05	5.05	0	%100
34	M62	Z	2.915	2.915	0	%100
35	M63	X	5.05	5.05	0	%100
36	M63	Z	2.915	2.915	0	%100
37	M64	X	1.151	1.151	0	%100
38	M64	Z	.665	.665	0	%100
39	MP2A	X	2.953	2.953	0	%100
40	MP2A	Z	1.705	1.705	0	%100
41	MP3A	X	2.953	2.953	0	%100
42	MP3A	Z	1.705	1.705	0	%100
43	MP4A	X	2.953	2.953	0	%100
44	MP4A	Z	1.705	1.705	0	%100
45	M39	X	2.953	2.953	0	%100
46	M39	Z	1.705	1.705	0	%100
47	MP5A	X	2.953	2.953	0	%100
48	MP5A	Z	1.705	1.705	0	%100
49	M45	X	2.514	2.514	0	%100
50	M45	Z	1.451	1.451	0	%100
51	M46	X	.457	.457	0	%100
52	M46	Z	.264	.264	0	%100
53	MP1C	X	2.953	2.953	0	%100
54	MP1C	Z	1.705	1.705	0	%100
55	M54A	X	1.151	1.151	0	%100
56	M54A	Z	.665	.665	0	%100
57	MP3C	X	2.953	2.953	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP3C	Z	1.705	1.705	0	%100
59	MP4C	X	2.953	2.953	0	%100
60	MP4C	Z	1.705	1.705	0	%100
61	M70	X	2.953	2.953	0	%100
62	M70	Z	1.705	1.705	0	%100
63	MP5C	X	2.953	2.953	0	%100
64	MP5C	Z	1.705	1.705	0	%100
65	M82	X	2.953	2.953	0	%100
66	M82	Z	1.705	1.705	0	%100
67	M85	X	4.604	4.604	0	%100
68	M85	Z	2.658	2.658	0	%100
69	MP3B	X	2.953	2.953	0	%100
70	MP3B	Z	1.705	1.705	0	%100
71	MP4B	X	2.953	2.953	0	%100
72	MP4B	Z	1.705	1.705	0	%100
73	M101	X	2.953	2.953	0	%100
74	M101	Z	1.705	1.705	0	%100
75	MP5B	X	2.953	2.953	0	%100
76	MP5B	Z	1.705	1.705	0	%100
77	M107A	X	1.986	1.986	0	%100
78	M107A	Z	1.146	1.146	0	%100
79	M108A	X	0	0	0	%100
80	M108A	Z	0	0	0	%100
81	M105	X	.457	.457	0	%100
82	M105	Z	.264	.264	0	%100
83	M106A	X	2.514	2.514	0	%100
84	M106A	Z	1.451	1.451	0	%100
85	M107	X	1.81	1.81	0	%100
86	M107	Z	1.045	1.045	0	%100
87	M108	X	1.81	1.81	0	%100
88	M108	Z	1.045	1.045	0	%100
89	MP1B	X	2.953	2.953	0	%100
90	MP1B	Z	1.705	1.705	0	%100
91	MP2C	X	2.953	2.953	0	%100
92	MP2C	Z	1.705	1.705	0	%100
93	MP2B	X	2.953	2.953	0	%100
94	MP2B	Z	1.705	1.705	0	%100
95	M102B	X	.738	.738	0	%100
96	M102B	Z	.426	.426	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.382	.382	0	%100
2	M1	Z	.662	.662	0	%100
3	M2	X	.491	.491	0	%100
4	M2	Z	.851	.851	0	%100
5	M5	X	.58	.58	0	%100
6	M5	Z	1.004	1.004	0	%100
7	M6	X	2.319	2.319	0	%100
8	M6	Z	4.016	4.016	0	%100
9	M7	X	.58	.58	0	%100
10	M7	Z	1.004	1.004	0	%100
11	M6A	X	1.994	1.994	0	%100
12	M6A	Z	3.453	3.453	0	%100
13	M7A	X	1.994	1.994	0	%100
14	M7A	Z	3.453	3.453	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
15	MP1A	X	1.705	1.705	0	%100
16	MP1A	Z	2.953	2.953	0	%100
17	M23A	X	0	0	0	%100
18	M23A	Z	0	0	0	%100
19	M24	X	0	0	0	%100
20	M24	Z	0	0	0	%100
21	M39A	X	1.994	1.994	0	%100
22	M39A	Z	3.453	3.453	0	%100
23	M40	X	1.994	1.994	0	%100
24	M40	Z	3.453	3.453	0	%100
25	M55	X	1.966	1.966	0	%100
26	M55	Z	3.405	3.405	0	%100
27	M56	X	.491	.491	0	%100
28	M56	Z	.851	.851	0	%100
29	M60A	X	1.279	1.279	0	%100
30	M60A	Z	2.215	2.215	0	%100
31	M61	X	2.915	2.915	0	%100
32	M61	Z	5.05	5.05	0	%100
33	M62	X	2.915	2.915	0	%100
34	M62	Z	5.05	5.05	0	%100
35	M63	X	2.915	2.915	0	%100
36	M63	Z	5.05	5.05	0	%100
37	M64	X	1.994	1.994	0	%100
38	M64	Z	3.453	3.453	0	%100
39	MP2A	X	1.705	1.705	0	%100
40	MP2A	Z	2.953	2.953	0	%100
41	MP3A	X	1.705	1.705	0	%100
42	MP3A	Z	2.953	2.953	0	%100
43	MP4A	X	1.705	1.705	0	%100
44	MP4A	Z	2.953	2.953	0	%100
45	M39	X	1.705	1.705	0	%100
46	M39	Z	2.953	2.953	0	%100
47	MP5A	X	1.705	1.705	0	%100
48	MP5A	Z	2.953	2.953	0	%100
49	M45	X	1.576	1.576	0	%100
50	M45	Z	2.73	2.73	0	%100
51	M46	X	.389	.389	0	%100
52	M46	Z	.674	.674	0	%100
53	MP1C	X	1.705	1.705	0	%100
54	MP1C	Z	2.953	2.953	0	%100
55	M54A	X	0	0	0	%100
56	M54A	Z	0	0	0	%100
57	MP3C	X	1.705	1.705	0	%100
58	MP3C	Z	2.953	2.953	0	%100
59	MP4C	X	1.705	1.705	0	%100
60	MP4C	Z	2.953	2.953	0	%100
61	M70	X	1.705	1.705	0	%100
62	M70	Z	2.953	2.953	0	%100
63	MP5C	X	1.705	1.705	0	%100
64	MP5C	Z	2.953	2.953	0	%100
65	M82	X	1.279	1.279	0	%100
66	M82	Z	2.215	2.215	0	%100
67	M85	X	1.994	1.994	0	%100
68	M85	Z	3.453	3.453	0	%100
69	MP3B	X	1.705	1.705	0	%100
70	MP3B	Z	2.953	2.953	0	%100
71	MP4B	X	1.705	1.705	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
72	MP4B	Z	2.953	2.953	0	%100
73	M101	X	1.705	1.705	0	%100
74	M101	Z	2.953	2.953	0	%100
75	MP5B	X	1.705	1.705	0	%100
76	MP5B	Z	2.953	2.953	0	%100
77	M107A	X	1.528	1.528	0	%100
78	M107A	Z	2.647	2.647	0	%100
79	M108A	X	.382	.382	0	%100
80	M108A	Z	.662	.662	0	%100
81	M105	X	.795	.795	0	%100
82	M105	Z	1.377	1.377	0	%100
83	M106A	X	.795	.795	0	%100
84	M106A	Z	1.377	1.377	0	%100
85	M107	X	.389	.389	0	%100
86	M107	Z	.674	.674	0	%100
87	M108	X	1.576	1.576	0	%100
88	M108	Z	2.73	2.73	0	%100
89	MP1B	X	1.705	1.705	0	%100
90	MP1B	Z	2.953	2.953	0	%100
91	MP2C	X	1.705	1.705	0	%100
92	MP2C	Z	2.953	2.953	0	%100
93	MP2B	X	1.705	1.705	0	%100
94	MP2B	Z	2.953	2.953	0	%100
95	M102B	X	0	0	0	%100
96	M102B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	3.478	3.478	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	3.478	3.478	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	5.317	5.317	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	5.317	5.317	0	%100
15	MP1A	X	0	0	0	%100
16	MP1A	Z	3.41	3.41	0	%100
17	M23A	X	0	0	0	%100
18	M23A	Z	1.329	1.329	0	%100
19	M24	X	0	0	0	%100
20	M24	Z	1.329	1.329	0	%100
21	M39A	X	0	0	0	%100
22	M39A	Z	1.329	1.329	0	%100
23	M40	X	0	0	0	%100
24	M40	Z	1.329	1.329	0	%100
25	M55	X	0	0	0	%100
26	M55	Z	2.948	2.948	0	%100
27	M56	X	0	0	0	%100
28	M56	Z	2.948	2.948	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M60A	X	0	0	0	%100
30	M60A	Z	3.41	3.41	0	%100
31	M61	X	0	0	0	%100
32	M61	Z	5.831	5.831	0	%100
33	M62	X	0	0	0	%100
34	M62	Z	5.831	5.831	0	%100
35	M63	X	0	0	0	%100
36	M63	Z	5.831	5.831	0	%100
37	M64	X	0	0	0	%100
38	M64	Z	5.317	5.317	0	%100
39	MP2A	X	0	0	0	%100
40	MP2A	Z	3.41	3.41	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	3.41	3.41	0	%100
43	MP4A	X	0	0	0	%100
44	MP4A	Z	3.41	3.41	0	%100
45	M39	X	0	0	0	%100
46	M39	Z	3.41	3.41	0	%100
47	MP5A	X	0	0	0	%100
48	MP5A	Z	3.41	3.41	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	2.09	2.09	0	%100
51	M46	X	0	0	0	%100
52	M46	Z	2.09	2.09	0	%100
53	MP1C	X	0	0	0	%100
54	MP1C	Z	3.41	3.41	0	%100
55	M54A	X	0	0	0	%100
56	M54A	Z	1.329	1.329	0	%100
57	MP3C	X	0	0	0	%100
58	MP3C	Z	3.41	3.41	0	%100
59	MP4C	X	0	0	0	%100
60	MP4C	Z	3.41	3.41	0	%100
61	M70	X	0	0	0	%100
62	M70	Z	3.41	3.41	0	%100
63	MP5C	X	0	0	0	%100
64	MP5C	Z	3.41	3.41	0	%100
65	M82	X	0	0	0	%100
66	M82	Z	.853	.853	0	%100
67	M85	X	0	0	0	%100
68	M85	Z	1.329	1.329	0	%100
69	MP3B	X	0	0	0	%100
70	MP3B	Z	3.41	3.41	0	%100
71	MP4B	X	0	0	0	%100
72	MP4B	Z	3.41	3.41	0	%100
73	M101	X	0	0	0	%100
74	M101	Z	3.41	3.41	0	%100
75	MP5B	X	0	0	0	%100
76	MP5B	Z	3.41	3.41	0	%100
77	M107A	X	0	0	0	%100
78	M107A	Z	2.293	2.293	0	%100
79	M108A	X	0	0	0	%100
80	M108A	Z	2.293	2.293	0	%100
81	M105	X	0	0	0	%100
82	M105	Z	2.902	2.902	0	%100
83	M106A	X	0	0	0	%100
84	M106A	Z	.528	.528	0	%100
85	M107	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
86	M107	Z	.528	.528	0	%100
87	M108	X	0	0	0	%100
88	M108	Z	2.902	2.902	0	%100
89	MP1B	X	0	0	0	%100
90	MP1B	Z	3.41	3.41	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	3.41	3.41	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	3.41	3.41	0	%100
95	M102B	X	0	0	0	%100
96	M102B	Z	.853	.853	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.382	-.382	0	%100
2	M1	Z	.662	.662	0	%100
3	M2	X	-.491	-.491	0	%100
4	M2	Z	.851	.851	0	%100
5	M5	X	-.58	-.58	0	%100
6	M5	Z	1.004	1.004	0	%100
7	M6	X	-.58	-.58	0	%100
8	M6	Z	1.004	1.004	0	%100
9	M7	X	-2.319	-2.319	0	%100
10	M7	Z	4.016	4.016	0	%100
11	M6A	X	-1.994	-1.994	0	%100
12	M6A	Z	3.453	3.453	0	%100
13	M7A	X	-1.994	-1.994	0	%100
14	M7A	Z	3.453	3.453	0	%100
15	MP1A	X	-1.705	-1.705	0	%100
16	MP1A	Z	2.953	2.953	0	%100
17	M23A	X	-1.994	-1.994	0	%100
18	M23A	Z	3.453	3.453	0	%100
19	M24	X	-1.994	-1.994	0	%100
20	M24	Z	3.453	3.453	0	%100
21	M39A	X	0	0	0	%100
22	M39A	Z	0	0	0	%100
23	M40	X	0	0	0	%100
24	M40	Z	0	0	0	%100
25	M55	X	-.491	-.491	0	%100
26	M55	Z	.851	.851	0	%100
27	M56	X	-1.966	-1.966	0	%100
28	M56	Z	3.405	3.405	0	%100
29	M60A	X	-1.279	-1.279	0	%100
30	M60A	Z	2.215	2.215	0	%100
31	M61	X	-2.915	-2.915	0	%100
32	M61	Z	5.05	5.05	0	%100
33	M62	X	-2.915	-2.915	0	%100
34	M62	Z	5.05	5.05	0	%100
35	M63	X	-2.915	-2.915	0	%100
36	M63	Z	5.05	5.05	0	%100
37	M64	X	-1.994	-1.994	0	%100
38	M64	Z	3.453	3.453	0	%100
39	MP2A	X	-1.705	-1.705	0	%100
40	MP2A	Z	2.953	2.953	0	%100
41	MP3A	X	-1.705	-1.705	0	%100
42	MP3A	Z	2.953	2.953	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
43	MP4A	X	-1.705	-1.705	0	%100
44	MP4A	Z	2.953	2.953	0	%100
45	M39	X	-1.705	-1.705	0	%100
46	M39	Z	2.953	2.953	0	%100
47	MP5A	X	-1.705	-1.705	0	%100
48	MP5A	Z	2.953	2.953	0	%100
49	M45	X	-.389	-.389	0	%100
50	M45	Z	.674	.674	0	%100
51	M46	X	-1.576	-1.576	0	%100
52	M46	Z	2.73	2.73	0	%100
53	MP1C	X	-1.705	-1.705	0	%100
54	MP1C	Z	2.953	2.953	0	%100
55	M54A	X	-1.994	-1.994	0	%100
56	M54A	Z	3.453	3.453	0	%100
57	MP3C	X	-1.705	-1.705	0	%100
58	MP3C	Z	2.953	2.953	0	%100
59	MP4C	X	-1.705	-1.705	0	%100
60	MP4C	Z	2.953	2.953	0	%100
61	M70	X	-1.705	-1.705	0	%100
62	M70	Z	2.953	2.953	0	%100
63	MP5C	X	-1.705	-1.705	0	%100
64	MP5C	Z	2.953	2.953	0	%100
65	M82	X	0	0	0	%100
66	M82	Z	0	0	0	%100
67	M85	X	0	0	0	%100
68	M85	Z	0	0	0	%100
69	MP3B	X	-1.705	-1.705	0	%100
70	MP3B	Z	2.953	2.953	0	%100
71	MP4B	X	-1.705	-1.705	0	%100
72	MP4B	Z	2.953	2.953	0	%100
73	M101	X	-1.705	-1.705	0	%100
74	M101	Z	2.953	2.953	0	%100
75	MP5B	X	-1.705	-1.705	0	%100
76	MP5B	Z	2.953	2.953	0	%100
77	M107A	X	-.382	-.382	0	%100
78	M107A	Z	.662	.662	0	%100
79	M108A	X	-1.528	-1.528	0	%100
80	M108A	Z	2.647	2.647	0	%100
81	M105	X	-1.576	-1.576	0	%100
82	M105	Z	2.73	2.73	0	%100
83	M106A	X	-.389	-.389	0	%100
84	M106A	Z	.674	.674	0	%100
85	M107	X	-.795	-.795	0	%100
86	M107	Z	1.377	1.377	0	%100
87	M108	X	-.795	-.795	0	%100
88	M108	Z	1.377	1.377	0	%100
89	MP1B	X	-1.705	-1.705	0	%100
90	MP1B	Z	2.953	2.953	0	%100
91	MP2C	X	-1.705	-1.705	0	%100
92	MP2C	Z	2.953	2.953	0	%100
93	MP2B	X	-1.705	-1.705	0	%100
94	MP2B	Z	2.953	2.953	0	%100
95	M102B	X	-1.279	-1.279	0	%100
96	M102B	Z	2.215	2.215	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.986	-1.986	0	%100
2	M1	Z	1.146	1.146	0	%100
3	M2	X	-2.553	-2.553	0	%100
4	M2	Z	1.474	1.474	0	%100
5	M5	X	-3.012	-3.012	0	%100
6	M5	Z	1.739	1.739	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-3.012	-3.012	0	%100
10	M7	Z	1.739	1.739	0	%100
11	M6A	X	-1.151	-1.151	0	%100
12	M6A	Z	.665	.665	0	%100
13	M7A	X	-1.151	-1.151	0	%100
14	M7A	Z	.665	.665	0	%100
15	MP1A	X	-2.953	-2.953	0	%100
16	MP1A	Z	1.705	1.705	0	%100
17	M23A	X	-4.604	-4.604	0	%100
18	M23A	Z	2.658	2.658	0	%100
19	M24	X	-4.604	-4.604	0	%100
20	M24	Z	2.658	2.658	0	%100
21	M39A	X	-1.151	-1.151	0	%100
22	M39A	Z	.665	.665	0	%100
23	M40	X	-1.151	-1.151	0	%100
24	M40	Z	.665	.665	0	%100
25	M55	X	0	0	0	%100
26	M55	Z	0	0	0	%100
27	M56	X	-2.553	-2.553	0	%100
28	M56	Z	1.474	1.474	0	%100
29	M60A	X	-.738	-.738	0	%100
30	M60A	Z	.426	.426	0	%100
31	M61	X	-5.05	-5.05	0	%100
32	M61	Z	2.915	2.915	0	%100
33	M62	X	-5.05	-5.05	0	%100
34	M62	Z	2.915	2.915	0	%100
35	M63	X	-5.05	-5.05	0	%100
36	M63	Z	2.915	2.915	0	%100
37	M64	X	-1.151	-1.151	0	%100
38	M64	Z	.665	.665	0	%100
39	MP2A	X	-2.953	-2.953	0	%100
40	MP2A	Z	1.705	1.705	0	%100
41	MP3A	X	-2.953	-2.953	0	%100
42	MP3A	Z	1.705	1.705	0	%100
43	MP4A	X	-2.953	-2.953	0	%100
44	MP4A	Z	1.705	1.705	0	%100
45	M39	X	-2.953	-2.953	0	%100
46	M39	Z	1.705	1.705	0	%100
47	MP5A	X	-2.953	-2.953	0	%100
48	MP5A	Z	1.705	1.705	0	%100
49	M45	X	-.457	-.457	0	%100
50	M45	Z	.264	.264	0	%100
51	M46	X	-2.514	-2.514	0	%100
52	M46	Z	1.451	1.451	0	%100
53	MP1C	X	-2.953	-2.953	0	%100
54	MP1C	Z	1.705	1.705	0	%100
55	M54A	X	-4.604	-4.604	0	%100
56	M54A	Z	2.658	2.658	0	%100
57	MP3C	X	-2.953	-2.953	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP3C	Z	1.705	1.705	0	%100
59	MP4C	X	-2.953	-2.953	0	%100
60	MP4C	Z	1.705	1.705	0	%100
61	M70	X	-2.953	-2.953	0	%100
62	M70	Z	1.705	1.705	0	%100
63	MP5C	X	-2.953	-2.953	0	%100
64	MP5C	Z	1.705	1.705	0	%100
65	M82	X	-.738	-.738	0	%100
66	M82	Z	.426	.426	0	%100
67	M85	X	-1.151	-1.151	0	%100
68	M85	Z	.665	.665	0	%100
69	MP3B	X	-2.953	-2.953	0	%100
70	MP3B	Z	1.705	1.705	0	%100
71	MP4B	X	-2.953	-2.953	0	%100
72	MP4B	Z	1.705	1.705	0	%100
73	M101	X	-2.953	-2.953	0	%100
74	M101	Z	1.705	1.705	0	%100
75	MP5B	X	-2.953	-2.953	0	%100
76	MP5B	Z	1.705	1.705	0	%100
77	M107A	X	0	0	0	%100
78	M107A	Z	0	0	0	%100
79	M108A	X	-1.986	-1.986	0	%100
80	M108A	Z	1.146	1.146	0	%100
81	M105	X	-1.81	-1.81	0	%100
82	M105	Z	1.045	1.045	0	%100
83	M106A	X	-1.81	-1.81	0	%100
84	M106A	Z	1.045	1.045	0	%100
85	M107	X	-2.514	-2.514	0	%100
86	M107	Z	1.451	1.451	0	%100
87	M108	X	-.457	-.457	0	%100
88	M108	Z	.264	.264	0	%100
89	MP1B	X	-2.953	-2.953	0	%100
90	MP1B	Z	1.705	1.705	0	%100
91	MP2C	X	-2.953	-2.953	0	%100
92	MP2C	Z	1.705	1.705	0	%100
93	MP2B	X	-2.953	-2.953	0	%100
94	MP2B	Z	1.705	1.705	0	%100
95	M102B	X	-2.953	-2.953	0	%100
96	M102B	Z	1.705	1.705	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.057	-3.057	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-3.931	-3.931	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	-4.637	-4.637	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	-1.159	-1.159	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-1.159	-1.159	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
15	MP1A	X	-3.41	-3.41	0	%100
16	MP1A	Z	0	0	0	%100
17	M23A	X	-3.988	-3.988	0	%100
18	M23A	Z	0	0	0	%100
19	M24	X	-3.988	-3.988	0	%100
20	M24	Z	0	0	0	%100
21	M39A	X	-3.988	-3.988	0	%100
22	M39A	Z	0	0	0	%100
23	M40	X	-3.988	-3.988	0	%100
24	M40	Z	0	0	0	%100
25	M55	X	-.983	-.983	0	%100
26	M55	Z	0	0	0	%100
27	M56	X	-.983	-.983	0	%100
28	M56	Z	0	0	0	%100
29	M60A	X	0	0	0	%100
30	M60A	Z	0	0	0	%100
31	M61	X	-5.831	-5.831	0	%100
32	M61	Z	0	0	0	%100
33	M62	X	-5.831	-5.831	0	%100
34	M62	Z	0	0	0	%100
35	M63	X	-5.831	-5.831	0	%100
36	M63	Z	0	0	0	%100
37	M64	X	0	0	0	%100
38	M64	Z	0	0	0	%100
39	MP2A	X	-3.41	-3.41	0	%100
40	MP2A	Z	0	0	0	%100
41	MP3A	X	-3.41	-3.41	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	-3.41	-3.41	0	%100
44	MP4A	Z	0	0	0	%100
45	M39	X	-3.41	-3.41	0	%100
46	M39	Z	0	0	0	%100
47	MP5A	X	-3.41	-3.41	0	%100
48	MP5A	Z	0	0	0	%100
49	M45	X	-1.59	-1.59	0	%100
50	M45	Z	0	0	0	%100
51	M46	X	-1.59	-1.59	0	%100
52	M46	Z	0	0	0	%100
53	MP1C	X	-3.41	-3.41	0	%100
54	MP1C	Z	0	0	0	%100
55	M54A	X	-3.988	-3.988	0	%100
56	M54A	Z	0	0	0	%100
57	MP3C	X	-3.41	-3.41	0	%100
58	MP3C	Z	0	0	0	%100
59	MP4C	X	-3.41	-3.41	0	%100
60	MP4C	Z	0	0	0	%100
61	M70	X	-3.41	-3.41	0	%100
62	M70	Z	0	0	0	%100
63	MP5C	X	-3.41	-3.41	0	%100
64	MP5C	Z	0	0	0	%100
65	M82	X	-2.558	-2.558	0	%100
66	M82	Z	0	0	0	%100
67	M85	X	-3.988	-3.988	0	%100
68	M85	Z	0	0	0	%100
69	MP3B	X	-3.41	-3.41	0	%100
70	MP3B	Z	0	0	0	%100
71	MP4B	X	-3.41	-3.41	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
72	MP4B	Z	0	0	0	%100
73	M101	X	-3.41	-3.41	0	%100
74	M101	Z	0	0	0	%100
75	MP5B	X	-3.41	-3.41	0	%100
76	MP5B	Z	0	0	0	%100
77	M107A	X	-.764	-.764	0	%100
78	M107A	Z	0	0	0	%100
79	M108A	X	-.764	-.764	0	%100
80	M108A	Z	0	0	0	%100
81	M105	X	-.778	-.778	0	%100
82	M105	Z	0	0	0	%100
83	M106A	X	-3.153	-3.153	0	%100
84	M106A	Z	0	0	0	%100
85	M107	X	-3.153	-3.153	0	%100
86	M107	Z	0	0	0	%100
87	M108	X	-.778	-.778	0	%100
88	M108	Z	0	0	0	%100
89	MP1B	X	-3.41	-3.41	0	%100
90	MP1B	Z	0	0	0	%100
91	MP2C	X	-3.41	-3.41	0	%100
92	MP2C	Z	0	0	0	%100
93	MP2B	X	-3.41	-3.41	0	%100
94	MP2B	Z	0	0	0	%100
95	M102B	X	-2.558	-2.558	0	%100
96	M102B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.986	-1.986	0	%100
2	M1	Z	-1.146	-1.146	0	%100
3	M2	X	-2.553	-2.553	0	%100
4	M2	Z	-1.474	-1.474	0	%100
5	M5	X	-3.012	-3.012	0	%100
6	M5	Z	-1.739	-1.739	0	%100
7	M6	X	-3.012	-3.012	0	%100
8	M6	Z	-1.739	-1.739	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	-1.151	-1.151	0	%100
12	M6A	Z	-.665	-.665	0	%100
13	M7A	X	-1.151	-1.151	0	%100
14	M7A	Z	-.665	-.665	0	%100
15	MP1A	X	-2.953	-2.953	0	%100
16	MP1A	Z	-1.705	-1.705	0	%100
17	M23A	X	-1.151	-1.151	0	%100
18	M23A	Z	-.665	-.665	0	%100
19	M24	X	-1.151	-1.151	0	%100
20	M24	Z	-.665	-.665	0	%100
21	M39A	X	-4.604	-4.604	0	%100
22	M39A	Z	-2.658	-2.658	0	%100
23	M40	X	-4.604	-4.604	0	%100
24	M40	Z	-2.658	-2.658	0	%100
25	M55	X	-2.553	-2.553	0	%100
26	M55	Z	-1.474	-1.474	0	%100
27	M56	X	0	0	0	%100
28	M56	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M60A	X	-.738	-.738	0	%100
30	M60A	Z	-.426	-.426	0	%100
31	M61	X	-5.05	-5.05	0	%100
32	M61	Z	-2.915	-2.915	0	%100
33	M62	X	-5.05	-5.05	0	%100
34	M62	Z	-2.915	-2.915	0	%100
35	M63	X	-5.05	-5.05	0	%100
36	M63	Z	-2.915	-2.915	0	%100
37	M64	X	-1.151	-1.151	0	%100
38	M64	Z	-.665	-.665	0	%100
39	MP2A	X	-2.953	-2.953	0	%100
40	MP2A	Z	-1.705	-1.705	0	%100
41	MP3A	X	-2.953	-2.953	0	%100
42	MP3A	Z	-1.705	-1.705	0	%100
43	MP4A	X	-2.953	-2.953	0	%100
44	MP4A	Z	-1.705	-1.705	0	%100
45	M39	X	-2.953	-2.953	0	%100
46	M39	Z	-1.705	-1.705	0	%100
47	MP5A	X	-2.953	-2.953	0	%100
48	MP5A	Z	-1.705	-1.705	0	%100
49	M45	X	-2.514	-2.514	0	%100
50	M45	Z	-1.451	-1.451	0	%100
51	M46	X	-.457	-.457	0	%100
52	M46	Z	-.264	-.264	0	%100
53	MP1C	X	-2.953	-2.953	0	%100
54	MP1C	Z	-1.705	-1.705	0	%100
55	M54A	X	-1.151	-1.151	0	%100
56	M54A	Z	-.665	-.665	0	%100
57	MP3C	X	-2.953	-2.953	0	%100
58	MP3C	Z	-1.705	-1.705	0	%100
59	MP4C	X	-2.953	-2.953	0	%100
60	MP4C	Z	-1.705	-1.705	0	%100
61	M70	X	-2.953	-2.953	0	%100
62	M70	Z	-1.705	-1.705	0	%100
63	MP5C	X	-2.953	-2.953	0	%100
64	MP5C	Z	-1.705	-1.705	0	%100
65	M82	X	-2.953	-2.953	0	%100
66	M82	Z	-1.705	-1.705	0	%100
67	M85	X	-4.604	-4.604	0	%100
68	M85	Z	-2.658	-2.658	0	%100
69	MP3B	X	-2.953	-2.953	0	%100
70	MP3B	Z	-1.705	-1.705	0	%100
71	MP4B	X	-2.953	-2.953	0	%100
72	MP4B	Z	-1.705	-1.705	0	%100
73	M101	X	-2.953	-2.953	0	%100
74	M101	Z	-1.705	-1.705	0	%100
75	MP5B	X	-2.953	-2.953	0	%100
76	MP5B	Z	-1.705	-1.705	0	%100
77	M107A	X	-1.986	-1.986	0	%100
78	M107A	Z	-1.146	-1.146	0	%100
79	M108A	X	0	0	0	%100
80	M108A	Z	0	0	0	%100
81	M105	X	-.457	-.457	0	%100
82	M105	Z	-.264	-.264	0	%100
83	M106A	X	-2.514	-2.514	0	%100
84	M106A	Z	-1.451	-1.451	0	%100
85	M107	X	-1.81	-1.81	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
86	M107	Z	-1.045	-1.045	0	%100
87	M108	X	-1.81	-1.81	0	%100
88	M108	Z	-1.045	-1.045	0	%100
89	MP1B	X	-2.953	-2.953	0	%100
90	MP1B	Z	-1.705	-1.705	0	%100
91	MP2C	X	-2.953	-2.953	0	%100
92	MP2C	Z	-1.705	-1.705	0	%100
93	MP2B	X	-2.953	-2.953	0	%100
94	MP2B	Z	-1.705	-1.705	0	%100
95	M102B	X	-.738	-.738	0	%100
96	M102B	Z	-.426	-.426	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.382	-.382	0	%100
2	M1	Z	-.662	-.662	0	%100
3	M2	X	-.491	-.491	0	%100
4	M2	Z	-.851	-.851	0	%100
5	M5	X	-.58	-.58	0	%100
6	M5	Z	-1.004	-1.004	0	%100
7	M6	X	-2.319	-2.319	0	%100
8	M6	Z	-4.016	-4.016	0	%100
9	M7	X	-.58	-.58	0	%100
10	M7	Z	-1.004	-1.004	0	%100
11	M6A	X	-1.994	-1.994	0	%100
12	M6A	Z	-3.453	-3.453	0	%100
13	M7A	X	-1.994	-1.994	0	%100
14	M7A	Z	-3.453	-3.453	0	%100
15	MP1A	X	-1.705	-1.705	0	%100
16	MP1A	Z	-2.953	-2.953	0	%100
17	M23A	X	0	0	0	%100
18	M23A	Z	0	0	0	%100
19	M24	X	0	0	0	%100
20	M24	Z	0	0	0	%100
21	M39A	X	-1.994	-1.994	0	%100
22	M39A	Z	-3.453	-3.453	0	%100
23	M40	X	-1.994	-1.994	0	%100
24	M40	Z	-3.453	-3.453	0	%100
25	M55	X	-1.966	-1.966	0	%100
26	M55	Z	-3.405	-3.405	0	%100
27	M56	X	-.491	-.491	0	%100
28	M56	Z	-.851	-.851	0	%100
29	M60A	X	-1.279	-1.279	0	%100
30	M60A	Z	-2.215	-2.215	0	%100
31	M61	X	-2.915	-2.915	0	%100
32	M61	Z	-5.05	-5.05	0	%100
33	M62	X	-2.915	-2.915	0	%100
34	M62	Z	-5.05	-5.05	0	%100
35	M63	X	-2.915	-2.915	0	%100
36	M63	Z	-5.05	-5.05	0	%100
37	M64	X	-1.994	-1.994	0	%100
38	M64	Z	-3.453	-3.453	0	%100
39	MP2A	X	-1.705	-1.705	0	%100
40	MP2A	Z	-2.953	-2.953	0	%100
41	MP3A	X	-1.705	-1.705	0	%100
42	MP3A	Z	-2.953	-2.953	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
43	MP4A	X	-1.705	-1.705	0	%100
44	MP4A	Z	-2.953	-2.953	0	%100
45	M39	X	-1.705	-1.705	0	%100
46	M39	Z	-2.953	-2.953	0	%100
47	MP5A	X	-1.705	-1.705	0	%100
48	MP5A	Z	-2.953	-2.953	0	%100
49	M45	X	-1.576	-1.576	0	%100
50	M45	Z	-2.73	-2.73	0	%100
51	M46	X	-.389	-.389	0	%100
52	M46	Z	-.674	-.674	0	%100
53	MP1C	X	-1.705	-1.705	0	%100
54	MP1C	Z	-2.953	-2.953	0	%100
55	M54A	X	0	0	0	%100
56	M54A	Z	0	0	0	%100
57	MP3C	X	-1.705	-1.705	0	%100
58	MP3C	Z	-2.953	-2.953	0	%100
59	MP4C	X	-1.705	-1.705	0	%100
60	MP4C	Z	-2.953	-2.953	0	%100
61	M70	X	-1.705	-1.705	0	%100
62	M70	Z	-2.953	-2.953	0	%100
63	MP5C	X	-1.705	-1.705	0	%100
64	MP5C	Z	-2.953	-2.953	0	%100
65	M82	X	-1.279	-1.279	0	%100
66	M82	Z	-2.215	-2.215	0	%100
67	M85	X	-1.994	-1.994	0	%100
68	M85	Z	-3.453	-3.453	0	%100
69	MP3B	X	-1.705	-1.705	0	%100
70	MP3B	Z	-2.953	-2.953	0	%100
71	MP4B	X	-1.705	-1.705	0	%100
72	MP4B	Z	-2.953	-2.953	0	%100
73	M101	X	-1.705	-1.705	0	%100
74	M101	Z	-2.953	-2.953	0	%100
75	MP5B	X	-1.705	-1.705	0	%100
76	MP5B	Z	-2.953	-2.953	0	%100
77	M107A	X	-1.528	-1.528	0	%100
78	M107A	Z	-2.647	-2.647	0	%100
79	M108A	X	-.382	-.382	0	%100
80	M108A	Z	-.662	-.662	0	%100
81	M105	X	-.795	-.795	0	%100
82	M105	Z	-1.377	-1.377	0	%100
83	M106A	X	-.795	-.795	0	%100
84	M106A	Z	-1.377	-1.377	0	%100
85	M107	X	-.389	-.389	0	%100
86	M107	Z	-.674	-.674	0	%100
87	M108	X	-1.576	-1.576	0	%100
88	M108	Z	-2.73	-2.73	0	%100
89	MP1B	X	-1.705	-1.705	0	%100
90	MP1B	Z	-2.953	-2.953	0	%100
91	MP2C	X	-1.705	-1.705	0	%100
92	MP2C	Z	-2.953	-2.953	0	%100
93	MP2B	X	-1.705	-1.705	0	%100
94	MP2B	Z	-2.953	-2.953	0	%100
95	M102B	X	0	0	0	%100
96	M102B	Z	0	0	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-.833	-.833	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-.833	-.833	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	-1.307	-1.307	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	-1.307	-1.307	0	%100
15	MP1A	X	0	0	0	%100
16	MP1A	Z	-.621	-.621	0	%100
17	M23A	X	0	0	0	%100
18	M23A	Z	-.327	-.327	0	%100
19	M24	X	0	0	0	%100
20	M24	Z	-.327	-.327	0	%100
21	M39A	X	0	0	0	%100
22	M39A	Z	-.327	-.327	0	%100
23	M40	X	0	0	0	%100
24	M40	Z	-.327	-.327	0	%100
25	M55	X	0	0	0	%100
26	M55	Z	-.73	-.73	0	%100
27	M56	X	0	0	0	%100
28	M56	Z	-.73	-.73	0	%100
29	M60A	X	0	0	0	%100
30	M60A	Z	-.621	-.621	0	%100
31	M61	X	0	0	0	%100
32	M61	Z	-1.572	-1.572	0	%100
33	M62	X	0	0	0	%100
34	M62	Z	-1.572	-1.572	0	%100
35	M63	X	0	0	0	%100
36	M63	Z	-1.572	-1.572	0	%100
37	M64	X	0	0	0	%100
38	M64	Z	-1.307	-1.307	0	%100
39	MP2A	X	0	0	0	%100
40	MP2A	Z	-.621	-.621	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	-.621	-.621	0	%100
43	MP4A	X	0	0	0	%100
44	MP4A	Z	-.621	-.621	0	%100
45	M39	X	0	0	0	%100
46	M39	Z	-.621	-.621	0	%100
47	MP5A	X	0	0	0	%100
48	MP5A	Z	-.621	-.621	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	-.379	-.379	0	%100
51	M46	X	0	0	0	%100
52	M46	Z	-.379	-.379	0	%100
53	MP1C	X	0	0	0	%100
54	MP1C	Z	-.621	-.621	0	%100
55	M54A	X	0	0	0	%100
56	M54A	Z	-.327	-.327	0	%100
57	MP3C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP3C	Z	-.621	-.621	0	%100
59	MP4C	X	0	0	0	%100
60	MP4C	Z	-.621	-.621	0	%100
61	M70	X	0	0	0	%100
62	M70	Z	-.621	-.621	0	%100
63	MP5C	X	0	0	0	%100
64	MP5C	Z	-.621	-.621	0	%100
65	M82	X	0	0	0	%100
66	M82	Z	-.155	-.155	0	%100
67	M85	X	0	0	0	%100
68	M85	Z	-.327	-.327	0	%100
69	MP3B	X	0	0	0	%100
70	MP3B	Z	-.621	-.621	0	%100
71	MP4B	X	0	0	0	%100
72	MP4B	Z	-.621	-.621	0	%100
73	M101	X	0	0	0	%100
74	M101	Z	-.621	-.621	0	%100
75	MP5B	X	0	0	0	%100
76	MP5B	Z	-.621	-.621	0	%100
77	M107A	X	0	0	0	%100
78	M107A	Z	-.556	-.556	0	%100
79	M108A	X	0	0	0	%100
80	M108A	Z	-.556	-.556	0	%100
81	M105	X	0	0	0	%100
82	M105	Z	-.526	-.526	0	%100
83	M106A	X	0	0	0	%100
84	M106A	Z	-.096	-.096	0	%100
85	M107	X	0	0	0	%100
86	M107	Z	-.096	-.096	0	%100
87	M108	X	0	0	0	%100
88	M108	Z	-.526	-.526	0	%100
89	MP1B	X	0	0	0	%100
90	MP1B	Z	-.621	-.621	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-.621	-.621	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	-.621	-.621	0	%100
95	M102B	X	0	0	0	%100
96	M102B	Z	-.155	-.155	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.093	.093	0	%100
2	M1	Z	-.16	-.16	0	%100
3	M2	X	.122	.122	0	%100
4	M2	Z	-.211	-.211	0	%100
5	M5	X	.139	.139	0	%100
6	M5	Z	-.241	-.241	0	%100
7	M6	X	.139	.139	0	%100
8	M6	Z	-.241	-.241	0	%100
9	M7	X	.556	.556	0	%100
10	M7	Z	-.962	-.962	0	%100
11	M6A	X	.49	.49	0	%100
12	M6A	Z	-.849	-.849	0	%100
13	M7A	X	.49	.49	0	%100
14	M7A	Z	-.849	-.849	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
15	MP1A	X	.31	.31	0	%100
16	MP1A	Z	-.538	-.538	0	%100
17	M23A	X	.49	.49	0	%100
18	M23A	Z	-.849	-.849	0	%100
19	M24	X	.49	.49	0	%100
20	M24	Z	-.849	-.849	0	%100
21	M39A	X	0	0	0	%100
22	M39A	Z	0	0	0	%100
23	M40	X	0	0	0	%100
24	M40	Z	0	0	0	%100
25	M55	X	.122	.122	0	%100
26	M55	Z	-.211	-.211	0	%100
27	M56	X	.487	.487	0	%100
28	M56	Z	-.843	-.843	0	%100
29	M60A	X	.233	.233	0	%100
30	M60A	Z	-.403	-.403	0	%100
31	M61	X	.786	.786	0	%100
32	M61	Z	-1.362	-1.362	0	%100
33	M62	X	.786	.786	0	%100
34	M62	Z	-1.362	-1.362	0	%100
35	M63	X	.786	.786	0	%100
36	M63	Z	-1.362	-1.362	0	%100
37	M64	X	.49	.49	0	%100
38	M64	Z	-.849	-.849	0	%100
39	MP2A	X	.31	.31	0	%100
40	MP2A	Z	-.538	-.538	0	%100
41	MP3A	X	.31	.31	0	%100
42	MP3A	Z	-.538	-.538	0	%100
43	MP4A	X	.31	.31	0	%100
44	MP4A	Z	-.538	-.538	0	%100
45	M39	X	.31	.31	0	%100
46	M39	Z	-.538	-.538	0	%100
47	MP5A	X	.31	.31	0	%100
48	MP5A	Z	-.538	-.538	0	%100
49	M45	X	.07	.07	0	%100
50	M45	Z	-.122	-.122	0	%100
51	M46	X	.286	.286	0	%100
52	M46	Z	-.495	-.495	0	%100
53	MP1C	X	.31	.31	0	%100
54	MP1C	Z	-.538	-.538	0	%100
55	M54A	X	.49	.49	0	%100
56	M54A	Z	-.849	-.849	0	%100
57	MP3C	X	.31	.31	0	%100
58	MP3C	Z	-.538	-.538	0	%100
59	MP4C	X	.31	.31	0	%100
60	MP4C	Z	-.538	-.538	0	%100
61	M70	X	.31	.31	0	%100
62	M70	Z	-.538	-.538	0	%100
63	MP5C	X	.31	.31	0	%100
64	MP5C	Z	-.538	-.538	0	%100
65	M82	X	0	0	0	%100
66	M82	Z	0	0	0	%100
67	M85	X	0	0	0	%100
68	M85	Z	0	0	0	%100
69	MP3B	X	.31	.31	0	%100
70	MP3B	Z	-.538	-.538	0	%100
71	MP4B	X	.31	.31	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
72	MP4B	Z	-.538	-.538	0	%100
73	M101	X	.31	.31	0	%100
74	M101	Z	-.538	-.538	0	%100
75	MP5B	X	.31	.31	0	%100
76	MP5B	Z	-.538	-.538	0	%100
77	M107A	X	.093	.093	0	%100
78	M107A	Z	-.16	-.16	0	%100
79	M108A	X	.37	.37	0	%100
80	M108A	Z	-.642	-.642	0	%100
81	M105	X	.286	.286	0	%100
82	M105	Z	-.495	-.495	0	%100
83	M106A	X	.07	.07	0	%100
84	M106A	Z	-.122	-.122	0	%100
85	M107	X	.144	.144	0	%100
86	M107	Z	-.249	-.249	0	%100
87	M108	X	.144	.144	0	%100
88	M108	Z	-.249	-.249	0	%100
89	MP1B	X	.31	.31	0	%100
90	MP1B	Z	-.538	-.538	0	%100
91	MP2C	X	.31	.31	0	%100
92	MP2C	Z	-.538	-.538	0	%100
93	MP2B	X	.31	.31	0	%100
94	MP2B	Z	-.538	-.538	0	%100
95	M102B	X	.233	.233	0	%100
96	M102B	Z	-.403	-.403	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.481	.481	0	%100
2	M1	Z	-.278	-.278	0	%100
3	M2	X	.632	.632	0	%100
4	M2	Z	-.365	-.365	0	%100
5	M5	X	.722	.722	0	%100
6	M5	Z	-.417	-.417	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	.722	.722	0	%100
10	M7	Z	-.417	-.417	0	%100
11	M6A	X	.283	.283	0	%100
12	M6A	Z	-.163	-.163	0	%100
13	M7A	X	.283	.283	0	%100
14	M7A	Z	-.163	-.163	0	%100
15	MP1A	X	.538	.538	0	%100
16	MP1A	Z	-.31	-.31	0	%100
17	M23A	X	1.132	1.132	0	%100
18	M23A	Z	-.654	-.654	0	%100
19	M24	X	1.132	1.132	0	%100
20	M24	Z	-.654	-.654	0	%100
21	M39A	X	.283	.283	0	%100
22	M39A	Z	-.163	-.163	0	%100
23	M40	X	.283	.283	0	%100
24	M40	Z	-.163	-.163	0	%100
25	M55	X	0	0	0	%100
26	M55	Z	0	0	0	%100
27	M56	X	.632	.632	0	%100
28	M56	Z	-.365	-.365	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M60A	X	.134	.134	0	%100
30	M60A	Z	-.078	-.078	0	%100
31	M61	X	1.362	1.362	0	%100
32	M61	Z	-.786	-.786	0	%100
33	M62	X	1.362	1.362	0	%100
34	M62	Z	-.786	-.786	0	%100
35	M63	X	1.362	1.362	0	%100
36	M63	Z	-.786	-.786	0	%100
37	M64	X	.283	.283	0	%100
38	M64	Z	-.163	-.163	0	%100
39	MP2A	X	.538	.538	0	%100
40	MP2A	Z	-.31	-.31	0	%100
41	MP3A	X	.538	.538	0	%100
42	MP3A	Z	-.31	-.31	0	%100
43	MP4A	X	.538	.538	0	%100
44	MP4A	Z	-.31	-.31	0	%100
45	M39	X	.538	.538	0	%100
46	M39	Z	-.31	-.31	0	%100
47	MP5A	X	.538	.538	0	%100
48	MP5A	Z	-.31	-.31	0	%100
49	M45	X	.083	.083	0	%100
50	M45	Z	-.048	-.048	0	%100
51	M46	X	.455	.455	0	%100
52	M46	Z	-.263	-.263	0	%100
53	MP1C	X	.538	.538	0	%100
54	MP1C	Z	-.31	-.31	0	%100
55	M54A	X	1.132	1.132	0	%100
56	M54A	Z	-.654	-.654	0	%100
57	MP3C	X	.538	.538	0	%100
58	MP3C	Z	-.31	-.31	0	%100
59	MP4C	X	.538	.538	0	%100
60	MP4C	Z	-.31	-.31	0	%100
61	M70	X	.538	.538	0	%100
62	M70	Z	-.31	-.31	0	%100
63	MP5C	X	.538	.538	0	%100
64	MP5C	Z	-.31	-.31	0	%100
65	M82	X	.134	.134	0	%100
66	M82	Z	-.078	-.078	0	%100
67	M85	X	.283	.283	0	%100
68	M85	Z	-.163	-.163	0	%100
69	MP3B	X	.538	.538	0	%100
70	MP3B	Z	-.31	-.31	0	%100
71	MP4B	X	.538	.538	0	%100
72	MP4B	Z	-.31	-.31	0	%100
73	M101	X	.538	.538	0	%100
74	M101	Z	-.31	-.31	0	%100
75	MP5B	X	.538	.538	0	%100
76	MP5B	Z	-.31	-.31	0	%100
77	M107A	X	0	0	0	%100
78	M107A	Z	0	0	0	%100
79	M108A	X	.481	.481	0	%100
80	M108A	Z	-.278	-.278	0	%100
81	M105	X	.328	.328	0	%100
82	M105	Z	-.189	-.189	0	%100
83	M106A	X	.328	.328	0	%100
84	M106A	Z	-.189	-.189	0	%100
85	M107	X	.455	.455	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
86	M107	Z	-.263	-.263	0	%100
87	M108	X	.083	.083	0	%100
88	M108	Z	-.048	-.048	0	%100
89	MP1B	X	.538	.538	0	%100
90	MP1B	Z	-.31	-.31	0	%100
91	MP2C	X	.538	.538	0	%100
92	MP2C	Z	-.31	-.31	0	%100
93	MP2B	X	.538	.538	0	%100
94	MP2B	Z	-.31	-.31	0	%100
95	M102B	X	.538	.538	0	%100
96	M102B	Z	-.31	-.31	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.741	.741	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	.973	.973	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	1.111	1.111	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	.278	.278	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	.278	.278	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	0	0	0	%100
15	MP1A	X	.621	.621	0	%100
16	MP1A	Z	0	0	0	%100
17	M23A	X	.98	.98	0	%100
18	M23A	Z	0	0	0	%100
19	M24	X	.98	.98	0	%100
20	M24	Z	0	0	0	%100
21	M39A	X	.98	.98	0	%100
22	M39A	Z	0	0	0	%100
23	M40	X	.98	.98	0	%100
24	M40	Z	0	0	0	%100
25	M55	X	.243	.243	0	%100
26	M55	Z	0	0	0	%100
27	M56	X	.243	.243	0	%100
28	M56	Z	0	0	0	%100
29	M60A	X	0	0	0	%100
30	M60A	Z	0	0	0	%100
31	M61	X	1.572	1.572	0	%100
32	M61	Z	0	0	0	%100
33	M62	X	1.572	1.572	0	%100
34	M62	Z	0	0	0	%100
35	M63	X	1.572	1.572	0	%100
36	M63	Z	0	0	0	%100
37	M64	X	0	0	0	%100
38	M64	Z	0	0	0	%100
39	MP2A	X	.621	.621	0	%100
40	MP2A	Z	0	0	0	%100
41	MP3A	X	.621	.621	0	%100
42	MP3A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
43	MP4A	X	.621	.621	0	%100
44	MP4A	Z	0	0	0	%100
45	M39	X	.621	.621	0	%100
46	M39	Z	0	0	0	%100
47	MP5A	X	.621	.621	0	%100
48	MP5A	Z	0	0	0	%100
49	M45	X	.288	.288	0	%100
50	M45	Z	0	0	0	%100
51	M46	X	.288	.288	0	%100
52	M46	Z	0	0	0	%100
53	MP1C	X	.621	.621	0	%100
54	MP1C	Z	0	0	0	%100
55	M54A	X	.98	.98	0	%100
56	M54A	Z	0	0	0	%100
57	MP3C	X	.621	.621	0	%100
58	MP3C	Z	0	0	0	%100
59	MP4C	X	.621	.621	0	%100
60	MP4C	Z	0	0	0	%100
61	M70	X	.621	.621	0	%100
62	M70	Z	0	0	0	%100
63	MP5C	X	.621	.621	0	%100
64	MP5C	Z	0	0	0	%100
65	M82	X	.466	.466	0	%100
66	M82	Z	0	0	0	%100
67	M85	X	.98	.98	0	%100
68	M85	Z	0	0	0	%100
69	MP3B	X	.621	.621	0	%100
70	MP3B	Z	0	0	0	%100
71	MP4B	X	.621	.621	0	%100
72	MP4B	Z	0	0	0	%100
73	M101	X	.621	.621	0	%100
74	M101	Z	0	0	0	%100
75	MP5B	X	.621	.621	0	%100
76	MP5B	Z	0	0	0	%100
77	M107A	X	.185	.185	0	%100
78	M107A	Z	0	0	0	%100
79	M108A	X	.185	.185	0	%100
80	M108A	Z	0	0	0	%100
81	M105	X	.141	.141	0	%100
82	M105	Z	0	0	0	%100
83	M106A	X	.571	.571	0	%100
84	M106A	Z	0	0	0	%100
85	M107	X	.571	.571	0	%100
86	M107	Z	0	0	0	%100
87	M108	X	.141	.141	0	%100
88	M108	Z	0	0	0	%100
89	MP1B	X	.621	.621	0	%100
90	MP1B	Z	0	0	0	%100
91	MP2C	X	.621	.621	0	%100
92	MP2C	Z	0	0	0	%100
93	MP2B	X	.621	.621	0	%100
94	MP2B	Z	0	0	0	%100
95	M102B	X	.466	.466	0	%100
96	M102B	Z	0	0	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.481	.481	0	%100
2	M1	Z	.278	.278	0	%100
3	M2	X	.632	.632	0	%100
4	M2	Z	.365	.365	0	%100
5	M5	X	.722	.722	0	%100
6	M5	Z	.417	.417	0	%100
7	M6	X	.722	.722	0	%100
8	M6	Z	.417	.417	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	.283	.283	0	%100
12	M6A	Z	.163	.163	0	%100
13	M7A	X	.283	.283	0	%100
14	M7A	Z	.163	.163	0	%100
15	MP1A	X	.538	.538	0	%100
16	MP1A	Z	.31	.31	0	%100
17	M23A	X	.283	.283	0	%100
18	M23A	Z	.163	.163	0	%100
19	M24	X	.283	.283	0	%100
20	M24	Z	.163	.163	0	%100
21	M39A	X	1.132	1.132	0	%100
22	M39A	Z	.654	.654	0	%100
23	M40	X	1.132	1.132	0	%100
24	M40	Z	.654	.654	0	%100
25	M55	X	.632	.632	0	%100
26	M55	Z	.365	.365	0	%100
27	M56	X	0	0	0	%100
28	M56	Z	0	0	0	%100
29	M60A	X	.134	.134	0	%100
30	M60A	Z	.078	.078	0	%100
31	M61	X	1.362	1.362	0	%100
32	M61	Z	.786	.786	0	%100
33	M62	X	1.362	1.362	0	%100
34	M62	Z	.786	.786	0	%100
35	M63	X	1.362	1.362	0	%100
36	M63	Z	.786	.786	0	%100
37	M64	X	.283	.283	0	%100
38	M64	Z	.163	.163	0	%100
39	MP2A	X	.538	.538	0	%100
40	MP2A	Z	.31	.31	0	%100
41	MP3A	X	.538	.538	0	%100
42	MP3A	Z	.31	.31	0	%100
43	MP4A	X	.538	.538	0	%100
44	MP4A	Z	.31	.31	0	%100
45	M39	X	.538	.538	0	%100
46	M39	Z	.31	.31	0	%100
47	MP5A	X	.538	.538	0	%100
48	MP5A	Z	.31	.31	0	%100
49	M45	X	.455	.455	0	%100
50	M45	Z	.263	.263	0	%100
51	M46	X	.083	.083	0	%100
52	M46	Z	.048	.048	0	%100
53	MP1C	X	.538	.538	0	%100
54	MP1C	Z	.31	.31	0	%100
55	M54A	X	.283	.283	0	%100
56	M54A	Z	.163	.163	0	%100
57	MP3C	X	.538	.538	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP3C	Z	.31	.31	0	%100
59	MP4C	X	.538	.538	0	%100
60	MP4C	Z	.31	.31	0	%100
61	M70	X	.538	.538	0	%100
62	M70	Z	.31	.31	0	%100
63	MP5C	X	.538	.538	0	%100
64	MP5C	Z	.31	.31	0	%100
65	M82	X	.538	.538	0	%100
66	M82	Z	.31	.31	0	%100
67	M85	X	1.132	1.132	0	%100
68	M85	Z	.654	.654	0	%100
69	MP3B	X	.538	.538	0	%100
70	MP3B	Z	.31	.31	0	%100
71	MP4B	X	.538	.538	0	%100
72	MP4B	Z	.31	.31	0	%100
73	M101	X	.538	.538	0	%100
74	M101	Z	.31	.31	0	%100
75	MP5B	X	.538	.538	0	%100
76	MP5B	Z	.31	.31	0	%100
77	M107A	X	.481	.481	0	%100
78	M107A	Z	.278	.278	0	%100
79	M108A	X	0	0	0	%100
80	M108A	Z	0	0	0	%100
81	M105	X	.083	.083	0	%100
82	M105	Z	.048	.048	0	%100
83	M106A	X	.455	.455	0	%100
84	M106A	Z	.263	.263	0	%100
85	M107	X	.328	.328	0	%100
86	M107	Z	.189	.189	0	%100
87	M108	X	.328	.328	0	%100
88	M108	Z	.189	.189	0	%100
89	MP1B	X	.538	.538	0	%100
90	MP1B	Z	.31	.31	0	%100
91	MP2C	X	.538	.538	0	%100
92	MP2C	Z	.31	.31	0	%100
93	MP2B	X	.538	.538	0	%100
94	MP2B	Z	.31	.31	0	%100
95	M102B	X	.134	.134	0	%100
96	M102B	Z	.078	.078	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.093	.093	0	%100
2	M1	Z	.16	.16	0	%100
3	M2	X	.122	.122	0	%100
4	M2	Z	.211	.211	0	%100
5	M5	X	.139	.139	0	%100
6	M5	Z	.241	.241	0	%100
7	M6	X	.556	.556	0	%100
8	M6	Z	.962	.962	0	%100
9	M7	X	.139	.139	0	%100
10	M7	Z	.241	.241	0	%100
11	M6A	X	.49	.49	0	%100
12	M6A	Z	.849	.849	0	%100
13	M7A	X	.49	.49	0	%100
14	M7A	Z	.849	.849	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
15	MP1A	X	.31	.31	0	%100
16	MP1A	Z	.538	.538	0	%100
17	M23A	X	0	0	0	%100
18	M23A	Z	0	0	0	%100
19	M24	X	0	0	0	%100
20	M24	Z	0	0	0	%100
21	M39A	X	.49	.49	0	%100
22	M39A	Z	.849	.849	0	%100
23	M40	X	.49	.49	0	%100
24	M40	Z	.849	.849	0	%100
25	M55	X	.487	.487	0	%100
26	M55	Z	.843	.843	0	%100
27	M56	X	.122	.122	0	%100
28	M56	Z	.211	.211	0	%100
29	M60A	X	.233	.233	0	%100
30	M60A	Z	.403	.403	0	%100
31	M61	X	.786	.786	0	%100
32	M61	Z	1.362	1.362	0	%100
33	M62	X	.786	.786	0	%100
34	M62	Z	1.362	1.362	0	%100
35	M63	X	.786	.786	0	%100
36	M63	Z	1.362	1.362	0	%100
37	M64	X	.49	.49	0	%100
38	M64	Z	.849	.849	0	%100
39	MP2A	X	.31	.31	0	%100
40	MP2A	Z	.538	.538	0	%100
41	MP3A	X	.31	.31	0	%100
42	MP3A	Z	.538	.538	0	%100
43	MP4A	X	.31	.31	0	%100
44	MP4A	Z	.538	.538	0	%100
45	M39	X	.31	.31	0	%100
46	M39	Z	.538	.538	0	%100
47	MP5A	X	.31	.31	0	%100
48	MP5A	Z	.538	.538	0	%100
49	M45	X	.286	.286	0	%100
50	M45	Z	.495	.495	0	%100
51	M46	X	.07	.07	0	%100
52	M46	Z	.122	.122	0	%100
53	MP1C	X	.31	.31	0	%100
54	MP1C	Z	.538	.538	0	%100
55	M54A	X	0	0	0	%100
56	M54A	Z	0	0	0	%100
57	MP3C	X	.31	.31	0	%100
58	MP3C	Z	.538	.538	0	%100
59	MP4C	X	.31	.31	0	%100
60	MP4C	Z	.538	.538	0	%100
61	M70	X	.31	.31	0	%100
62	M70	Z	.538	.538	0	%100
63	MP5C	X	.31	.31	0	%100
64	MP5C	Z	.538	.538	0	%100
65	M82	X	.233	.233	0	%100
66	M82	Z	.403	.403	0	%100
67	M85	X	.49	.49	0	%100
68	M85	Z	.849	.849	0	%100
69	MP3B	X	.31	.31	0	%100
70	MP3B	Z	.538	.538	0	%100
71	MP4B	X	.31	.31	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
72	MP4B	Z	.538	.538	0	%100
73	M101	X	.31	.31	0	%100
74	M101	Z	.538	.538	0	%100
75	MP5B	X	.31	.31	0	%100
76	MP5B	Z	.538	.538	0	%100
77	M107A	X	.37	.37	0	%100
78	M107A	Z	.642	.642	0	%100
79	M108A	X	.093	.093	0	%100
80	M108A	Z	.16	.16	0	%100
81	M105	X	.144	.144	0	%100
82	M105	Z	.249	.249	0	%100
83	M106A	X	.144	.144	0	%100
84	M106A	Z	.249	.249	0	%100
85	M107	X	.07	.07	0	%100
86	M107	Z	.122	.122	0	%100
87	M108	X	.286	.286	0	%100
88	M108	Z	.495	.495	0	%100
89	MP1B	X	.31	.31	0	%100
90	MP1B	Z	.538	.538	0	%100
91	MP2C	X	.31	.31	0	%100
92	MP2C	Z	.538	.538	0	%100
93	MP2B	X	.31	.31	0	%100
94	MP2B	Z	.538	.538	0	%100
95	M102B	X	0	0	0	%100
96	M102B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	.833	.833	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	.833	.833	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	1.307	1.307	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	1.307	1.307	0	%100
15	MP1A	X	0	0	0	%100
16	MP1A	Z	.621	.621	0	%100
17	M23A	X	0	0	0	%100
18	M23A	Z	.327	.327	0	%100
19	M24	X	0	0	0	%100
20	M24	Z	.327	.327	0	%100
21	M39A	X	0	0	0	%100
22	M39A	Z	.327	.327	0	%100
23	M40	X	0	0	0	%100
24	M40	Z	.327	.327	0	%100
25	M55	X	0	0	0	%100
26	M55	Z	.73	.73	0	%100
27	M56	X	0	0	0	%100
28	M56	Z	.73	.73	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M60A	X	0	0	0	%100
30	M60A	Z	.621	.621	0	%100
31	M61	X	0	0	0	%100
32	M61	Z	1.572	1.572	0	%100
33	M62	X	0	0	0	%100
34	M62	Z	1.572	1.572	0	%100
35	M63	X	0	0	0	%100
36	M63	Z	1.572	1.572	0	%100
37	M64	X	0	0	0	%100
38	M64	Z	1.307	1.307	0	%100
39	MP2A	X	0	0	0	%100
40	MP2A	Z	.621	.621	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	.621	.621	0	%100
43	MP4A	X	0	0	0	%100
44	MP4A	Z	.621	.621	0	%100
45	M39	X	0	0	0	%100
46	M39	Z	.621	.621	0	%100
47	MP5A	X	0	0	0	%100
48	MP5A	Z	.621	.621	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	.379	.379	0	%100
51	M46	X	0	0	0	%100
52	M46	Z	.379	.379	0	%100
53	MP1C	X	0	0	0	%100
54	MP1C	Z	.621	.621	0	%100
55	M54A	X	0	0	0	%100
56	M54A	Z	.327	.327	0	%100
57	MP3C	X	0	0	0	%100
58	MP3C	Z	.621	.621	0	%100
59	MP4C	X	0	0	0	%100
60	MP4C	Z	.621	.621	0	%100
61	M70	X	0	0	0	%100
62	M70	Z	.621	.621	0	%100
63	MP5C	X	0	0	0	%100
64	MP5C	Z	.621	.621	0	%100
65	M82	X	0	0	0	%100
66	M82	Z	.155	.155	0	%100
67	M85	X	0	0	0	%100
68	M85	Z	.327	.327	0	%100
69	MP3B	X	0	0	0	%100
70	MP3B	Z	.621	.621	0	%100
71	MP4B	X	0	0	0	%100
72	MP4B	Z	.621	.621	0	%100
73	M101	X	0	0	0	%100
74	M101	Z	.621	.621	0	%100
75	MP5B	X	0	0	0	%100
76	MP5B	Z	.621	.621	0	%100
77	M107A	X	0	0	0	%100
78	M107A	Z	.556	.556	0	%100
79	M108A	X	0	0	0	%100
80	M108A	Z	.556	.556	0	%100
81	M105	X	0	0	0	%100
82	M105	Z	.526	.526	0	%100
83	M106A	X	0	0	0	%100
84	M106A	Z	.096	.096	0	%100
85	M107	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
86	M107	Z	.096	.096	0	%100
87	M108	X	0	0	0	%100
88	M108	Z	.526	.526	0	%100
89	MP1B	X	0	0	0	%100
90	MP1B	Z	.621	.621	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	.621	.621	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	.621	.621	0	%100
95	M102B	X	0	0	0	%100
96	M102B	Z	.155	.155	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.093	-.093	0	%100
2	M1	Z	.16	.16	0	%100
3	M2	X	-.122	-.122	0	%100
4	M2	Z	.211	.211	0	%100
5	M5	X	-.139	-.139	0	%100
6	M5	Z	.241	.241	0	%100
7	M6	X	-.139	-.139	0	%100
8	M6	Z	.241	.241	0	%100
9	M7	X	-.556	-.556	0	%100
10	M7	Z	.962	.962	0	%100
11	M6A	X	-.49	-.49	0	%100
12	M6A	Z	.849	.849	0	%100
13	M7A	X	-.49	-.49	0	%100
14	M7A	Z	.849	.849	0	%100
15	MP1A	X	-.31	-.31	0	%100
16	MP1A	Z	.538	.538	0	%100
17	M23A	X	-.49	-.49	0	%100
18	M23A	Z	.849	.849	0	%100
19	M24	X	-.49	-.49	0	%100
20	M24	Z	.849	.849	0	%100
21	M39A	X	0	0	0	%100
22	M39A	Z	0	0	0	%100
23	M40	X	0	0	0	%100
24	M40	Z	0	0	0	%100
25	M55	X	-.122	-.122	0	%100
26	M55	Z	.211	.211	0	%100
27	M56	X	-.487	-.487	0	%100
28	M56	Z	.843	.843	0	%100
29	M60A	X	-.233	-.233	0	%100
30	M60A	Z	.403	.403	0	%100
31	M61	X	-.786	-.786	0	%100
32	M61	Z	1.362	1.362	0	%100
33	M62	X	-.786	-.786	0	%100
34	M62	Z	1.362	1.362	0	%100
35	M63	X	-.786	-.786	0	%100
36	M63	Z	1.362	1.362	0	%100
37	M64	X	-.49	-.49	0	%100
38	M64	Z	.849	.849	0	%100
39	MP2A	X	-.31	-.31	0	%100
40	MP2A	Z	.538	.538	0	%100
41	MP3A	X	-.31	-.31	0	%100
42	MP3A	Z	.538	.538	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
43	MP4A	X	-.31	-.31	0	%100
44	MP4A	Z	.538	.538	0	%100
45	M39	X	-.31	-.31	0	%100
46	M39	Z	.538	.538	0	%100
47	MP5A	X	-.31	-.31	0	%100
48	MP5A	Z	.538	.538	0	%100
49	M45	X	-.07	-.07	0	%100
50	M45	Z	.122	.122	0	%100
51	M46	X	-.286	-.286	0	%100
52	M46	Z	.495	.495	0	%100
53	MP1C	X	-.31	-.31	0	%100
54	MP1C	Z	.538	.538	0	%100
55	M54A	X	-.49	-.49	0	%100
56	M54A	Z	.849	.849	0	%100
57	MP3C	X	-.31	-.31	0	%100
58	MP3C	Z	.538	.538	0	%100
59	MP4C	X	-.31	-.31	0	%100
60	MP4C	Z	.538	.538	0	%100
61	M70	X	-.31	-.31	0	%100
62	M70	Z	.538	.538	0	%100
63	MP5C	X	-.31	-.31	0	%100
64	MP5C	Z	.538	.538	0	%100
65	M82	X	0	0	0	%100
66	M82	Z	0	0	0	%100
67	M85	X	0	0	0	%100
68	M85	Z	0	0	0	%100
69	MP3B	X	-.31	-.31	0	%100
70	MP3B	Z	.538	.538	0	%100
71	MP4B	X	-.31	-.31	0	%100
72	MP4B	Z	.538	.538	0	%100
73	M101	X	-.31	-.31	0	%100
74	M101	Z	.538	.538	0	%100
75	MP5B	X	-.31	-.31	0	%100
76	MP5B	Z	.538	.538	0	%100
77	M107A	X	-.093	-.093	0	%100
78	M107A	Z	.16	.16	0	%100
79	M108A	X	-.37	-.37	0	%100
80	M108A	Z	.642	.642	0	%100
81	M105	X	-.286	-.286	0	%100
82	M105	Z	.495	.495	0	%100
83	M106A	X	-.07	-.07	0	%100
84	M106A	Z	.122	.122	0	%100
85	M107	X	-.144	-.144	0	%100
86	M107	Z	.249	.249	0	%100
87	M108	X	-.144	-.144	0	%100
88	M108	Z	.249	.249	0	%100
89	MP1B	X	-.31	-.31	0	%100
90	MP1B	Z	.538	.538	0	%100
91	MP2C	X	-.31	-.31	0	%100
92	MP2C	Z	.538	.538	0	%100
93	MP2B	X	-.31	-.31	0	%100
94	MP2B	Z	.538	.538	0	%100
95	M102B	X	-.233	-.233	0	%100
96	M102B	Z	.403	.403	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.481	-.481	0	%100
2	M1	Z	.278	.278	0	%100
3	M2	X	-.632	-.632	0	%100
4	M2	Z	.365	.365	0	%100
5	M5	X	-.722	-.722	0	%100
6	M5	Z	.417	.417	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-.722	-.722	0	%100
10	M7	Z	.417	.417	0	%100
11	M6A	X	-.283	-.283	0	%100
12	M6A	Z	.163	.163	0	%100
13	M7A	X	-.283	-.283	0	%100
14	M7A	Z	.163	.163	0	%100
15	MP1A	X	-.538	-.538	0	%100
16	MP1A	Z	.31	.31	0	%100
17	M23A	X	-1.132	-1.132	0	%100
18	M23A	Z	.654	.654	0	%100
19	M24	X	-1.132	-1.132	0	%100
20	M24	Z	.654	.654	0	%100
21	M39A	X	-.283	-.283	0	%100
22	M39A	Z	.163	.163	0	%100
23	M40	X	-.283	-.283	0	%100
24	M40	Z	.163	.163	0	%100
25	M55	X	0	0	0	%100
26	M55	Z	0	0	0	%100
27	M56	X	-.632	-.632	0	%100
28	M56	Z	.365	.365	0	%100
29	M60A	X	-.134	-.134	0	%100
30	M60A	Z	.078	.078	0	%100
31	M61	X	-1.362	-1.362	0	%100
32	M61	Z	.786	.786	0	%100
33	M62	X	-1.362	-1.362	0	%100
34	M62	Z	.786	.786	0	%100
35	M63	X	-1.362	-1.362	0	%100
36	M63	Z	.786	.786	0	%100
37	M64	X	-.283	-.283	0	%100
38	M64	Z	.163	.163	0	%100
39	MP2A	X	-.538	-.538	0	%100
40	MP2A	Z	.31	.31	0	%100
41	MP3A	X	-.538	-.538	0	%100
42	MP3A	Z	.31	.31	0	%100
43	MP4A	X	-.538	-.538	0	%100
44	MP4A	Z	.31	.31	0	%100
45	M39	X	-.538	-.538	0	%100
46	M39	Z	.31	.31	0	%100
47	MP5A	X	-.538	-.538	0	%100
48	MP5A	Z	.31	.31	0	%100
49	M45	X	-.083	-.083	0	%100
50	M45	Z	.048	.048	0	%100
51	M46	X	-.455	-.455	0	%100
52	M46	Z	.263	.263	0	%100
53	MP1C	X	-.538	-.538	0	%100
54	MP1C	Z	.31	.31	0	%100
55	M54A	X	-1.132	-1.132	0	%100
56	M54A	Z	.654	.654	0	%100
57	MP3C	X	-.538	-.538	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP3C	Z	.31	.31	0	%100
59	MP4C	X	-.538	-.538	0	%100
60	MP4C	Z	.31	.31	0	%100
61	M70	X	-.538	-.538	0	%100
62	M70	Z	.31	.31	0	%100
63	MP5C	X	-.538	-.538	0	%100
64	MP5C	Z	.31	.31	0	%100
65	M82	X	-.134	-.134	0	%100
66	M82	Z	.078	.078	0	%100
67	M85	X	-.283	-.283	0	%100
68	M85	Z	.163	.163	0	%100
69	MP3B	X	-.538	-.538	0	%100
70	MP3B	Z	.31	.31	0	%100
71	MP4B	X	-.538	-.538	0	%100
72	MP4B	Z	.31	.31	0	%100
73	M101	X	-.538	-.538	0	%100
74	M101	Z	.31	.31	0	%100
75	MP5B	X	-.538	-.538	0	%100
76	MP5B	Z	.31	.31	0	%100
77	M107A	X	0	0	0	%100
78	M107A	Z	0	0	0	%100
79	M108A	X	-.481	-.481	0	%100
80	M108A	Z	.278	.278	0	%100
81	M105	X	-.328	-.328	0	%100
82	M105	Z	.189	.189	0	%100
83	M106A	X	-.328	-.328	0	%100
84	M106A	Z	.189	.189	0	%100
85	M107	X	-.455	-.455	0	%100
86	M107	Z	.263	.263	0	%100
87	M108	X	-.083	-.083	0	%100
88	M108	Z	.048	.048	0	%100
89	MP1B	X	-.538	-.538	0	%100
90	MP1B	Z	.31	.31	0	%100
91	MP2C	X	-.538	-.538	0	%100
92	MP2C	Z	.31	.31	0	%100
93	MP2B	X	-.538	-.538	0	%100
94	MP2B	Z	.31	.31	0	%100
95	M102B	X	-.538	-.538	0	%100
96	M102B	Z	.31	.31	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.741	-.741	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-.973	-.973	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	-1.111	-1.111	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	-.278	-.278	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-.278	-.278	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
15	MP1A	X	-.621	-.621	0	%100
16	MP1A	Z	0	0	0	%100
17	M23A	X	-.98	-.98	0	%100
18	M23A	Z	0	0	0	%100
19	M24	X	-.98	-.98	0	%100
20	M24	Z	0	0	0	%100
21	M39A	X	-.98	-.98	0	%100
22	M39A	Z	0	0	0	%100
23	M40	X	-.98	-.98	0	%100
24	M40	Z	0	0	0	%100
25	M55	X	-.243	-.243	0	%100
26	M55	Z	0	0	0	%100
27	M56	X	-.243	-.243	0	%100
28	M56	Z	0	0	0	%100
29	M60A	X	0	0	0	%100
30	M60A	Z	0	0	0	%100
31	M61	X	-1.572	-1.572	0	%100
32	M61	Z	0	0	0	%100
33	M62	X	-1.572	-1.572	0	%100
34	M62	Z	0	0	0	%100
35	M63	X	-1.572	-1.572	0	%100
36	M63	Z	0	0	0	%100
37	M64	X	0	0	0	%100
38	M64	Z	0	0	0	%100
39	MP2A	X	-.621	-.621	0	%100
40	MP2A	Z	0	0	0	%100
41	MP3A	X	-.621	-.621	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	-.621	-.621	0	%100
44	MP4A	Z	0	0	0	%100
45	M39	X	-.621	-.621	0	%100
46	M39	Z	0	0	0	%100
47	MP5A	X	-.621	-.621	0	%100
48	MP5A	Z	0	0	0	%100
49	M45	X	-.288	-.288	0	%100
50	M45	Z	0	0	0	%100
51	M46	X	-.288	-.288	0	%100
52	M46	Z	0	0	0	%100
53	MP1C	X	-.621	-.621	0	%100
54	MP1C	Z	0	0	0	%100
55	M54A	X	-.98	-.98	0	%100
56	M54A	Z	0	0	0	%100
57	MP3C	X	-.621	-.621	0	%100
58	MP3C	Z	0	0	0	%100
59	MP4C	X	-.621	-.621	0	%100
60	MP4C	Z	0	0	0	%100
61	M70	X	-.621	-.621	0	%100
62	M70	Z	0	0	0	%100
63	MP5C	X	-.621	-.621	0	%100
64	MP5C	Z	0	0	0	%100
65	M82	X	-.466	-.466	0	%100
66	M82	Z	0	0	0	%100
67	M85	X	-.98	-.98	0	%100
68	M85	Z	0	0	0	%100
69	MP3B	X	-.621	-.621	0	%100
70	MP3B	Z	0	0	0	%100
71	MP4B	X	-.621	-.621	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
72	MP4B	Z	0	0	0	%100
73	M101	X	-.621	-.621	0	%100
74	M101	Z	0	0	0	%100
75	MP5B	X	-.621	-.621	0	%100
76	MP5B	Z	0	0	0	%100
77	M107A	X	-.185	-.185	0	%100
78	M107A	Z	0	0	0	%100
79	M108A	X	-.185	-.185	0	%100
80	M108A	Z	0	0	0	%100
81	M105	X	-.141	-.141	0	%100
82	M105	Z	0	0	0	%100
83	M106A	X	-.571	-.571	0	%100
84	M106A	Z	0	0	0	%100
85	M107	X	-.571	-.571	0	%100
86	M107	Z	0	0	0	%100
87	M108	X	-.141	-.141	0	%100
88	M108	Z	0	0	0	%100
89	MP1B	X	-.621	-.621	0	%100
90	MP1B	Z	0	0	0	%100
91	MP2C	X	-.621	-.621	0	%100
92	MP2C	Z	0	0	0	%100
93	MP2B	X	-.621	-.621	0	%100
94	MP2B	Z	0	0	0	%100
95	M102B	X	-.466	-.466	0	%100
96	M102B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.481	-.481	0	%100
2	M1	Z	-.278	-.278	0	%100
3	M2	X	-.632	-.632	0	%100
4	M2	Z	-.365	-.365	0	%100
5	M5	X	-.722	-.722	0	%100
6	M5	Z	-.417	-.417	0	%100
7	M6	X	-.722	-.722	0	%100
8	M6	Z	-.417	-.417	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	-.283	-.283	0	%100
12	M6A	Z	-.163	-.163	0	%100
13	M7A	X	-.283	-.283	0	%100
14	M7A	Z	-.163	-.163	0	%100
15	MP1A	X	-.538	-.538	0	%100
16	MP1A	Z	-.31	-.31	0	%100
17	M23A	X	-.283	-.283	0	%100
18	M23A	Z	-.163	-.163	0	%100
19	M24	X	-.283	-.283	0	%100
20	M24	Z	-.163	-.163	0	%100
21	M39A	X	-1.132	-1.132	0	%100
22	M39A	Z	-.654	-.654	0	%100
23	M40	X	-1.132	-1.132	0	%100
24	M40	Z	-.654	-.654	0	%100
25	M55	X	-.632	-.632	0	%100
26	M55	Z	-.365	-.365	0	%100
27	M56	X	0	0	0	%100
28	M56	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M60A	X	-.134	-.134	0	%100
30	M60A	Z	-.078	-.078	0	%100
31	M61	X	-1.362	-1.362	0	%100
32	M61	Z	-.786	-.786	0	%100
33	M62	X	-1.362	-1.362	0	%100
34	M62	Z	-.786	-.786	0	%100
35	M63	X	-1.362	-1.362	0	%100
36	M63	Z	-.786	-.786	0	%100
37	M64	X	-.283	-.283	0	%100
38	M64	Z	-.163	-.163	0	%100
39	MP2A	X	-.538	-.538	0	%100
40	MP2A	Z	-.31	-.31	0	%100
41	MP3A	X	-.538	-.538	0	%100
42	MP3A	Z	-.31	-.31	0	%100
43	MP4A	X	-.538	-.538	0	%100
44	MP4A	Z	-.31	-.31	0	%100
45	M39	X	-.538	-.538	0	%100
46	M39	Z	-.31	-.31	0	%100
47	MP5A	X	-.538	-.538	0	%100
48	MP5A	Z	-.31	-.31	0	%100
49	M45	X	-.455	-.455	0	%100
50	M45	Z	-.263	-.263	0	%100
51	M46	X	-.083	-.083	0	%100
52	M46	Z	-.048	-.048	0	%100
53	MP1C	X	-.538	-.538	0	%100
54	MP1C	Z	-.31	-.31	0	%100
55	M54A	X	-.283	-.283	0	%100
56	M54A	Z	-.163	-.163	0	%100
57	MP3C	X	-.538	-.538	0	%100
58	MP3C	Z	-.31	-.31	0	%100
59	MP4C	X	-.538	-.538	0	%100
60	MP4C	Z	-.31	-.31	0	%100
61	M70	X	-.538	-.538	0	%100
62	M70	Z	-.31	-.31	0	%100
63	MP5C	X	-.538	-.538	0	%100
64	MP5C	Z	-.31	-.31	0	%100
65	M82	X	-.538	-.538	0	%100
66	M82	Z	-.31	-.31	0	%100
67	M85	X	-1.132	-1.132	0	%100
68	M85	Z	-.654	-.654	0	%100
69	MP3B	X	-.538	-.538	0	%100
70	MP3B	Z	-.31	-.31	0	%100
71	MP4B	X	-.538	-.538	0	%100
72	MP4B	Z	-.31	-.31	0	%100
73	M101	X	-.538	-.538	0	%100
74	M101	Z	-.31	-.31	0	%100
75	MP5B	X	-.538	-.538	0	%100
76	MP5B	Z	-.31	-.31	0	%100
77	M107A	X	-.481	-.481	0	%100
78	M107A	Z	-.278	-.278	0	%100
79	M108A	X	0	0	0	%100
80	M108A	Z	0	0	0	%100
81	M105	X	-.083	-.083	0	%100
82	M105	Z	-.048	-.048	0	%100
83	M106A	X	-.455	-.455	0	%100
84	M106A	Z	-.263	-.263	0	%100
85	M107	X	-.328	-.328	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
86	M107	Z	-.189	-.189	0	%100
87	M108	X	-.328	-.328	0	%100
88	M108	Z	-.189	-.189	0	%100
89	MP1B	X	-.538	-.538	0	%100
90	MP1B	Z	-.31	-.31	0	%100
91	MP2C	X	-.538	-.538	0	%100
92	MP2C	Z	-.31	-.31	0	%100
93	MP2B	X	-.538	-.538	0	%100
94	MP2B	Z	-.31	-.31	0	%100
95	M102B	X	-.134	-.134	0	%100
96	M102B	Z	-.078	-.078	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.093	-.093	0	%100
2	M1	Z	-.16	-.16	0	%100
3	M2	X	-.122	-.122	0	%100
4	M2	Z	-.211	-.211	0	%100
5	M5	X	-.139	-.139	0	%100
6	M5	Z	-.241	-.241	0	%100
7	M6	X	-.556	-.556	0	%100
8	M6	Z	-.962	-.962	0	%100
9	M7	X	-.139	-.139	0	%100
10	M7	Z	-.241	-.241	0	%100
11	M6A	X	-.49	-.49	0	%100
12	M6A	Z	-.849	-.849	0	%100
13	M7A	X	-.49	-.49	0	%100
14	M7A	Z	-.849	-.849	0	%100
15	MP1A	X	-.31	-.31	0	%100
16	MP1A	Z	-.538	-.538	0	%100
17	M23A	X	0	0	0	%100
18	M23A	Z	0	0	0	%100
19	M24	X	0	0	0	%100
20	M24	Z	0	0	0	%100
21	M39A	X	-.49	-.49	0	%100
22	M39A	Z	-.849	-.849	0	%100
23	M40	X	-.49	-.49	0	%100
24	M40	Z	-.849	-.849	0	%100
25	M55	X	-.487	-.487	0	%100
26	M55	Z	-.843	-.843	0	%100
27	M56	X	-.122	-.122	0	%100
28	M56	Z	-.211	-.211	0	%100
29	M60A	X	-.233	-.233	0	%100
30	M60A	Z	-.403	-.403	0	%100
31	M61	X	-.786	-.786	0	%100
32	M61	Z	-1.362	-1.362	0	%100
33	M62	X	-.786	-.786	0	%100
34	M62	Z	-1.362	-1.362	0	%100
35	M63	X	-.786	-.786	0	%100
36	M63	Z	-1.362	-1.362	0	%100
37	M64	X	-.49	-.49	0	%100
38	M64	Z	-.849	-.849	0	%100
39	MP2A	X	-.31	-.31	0	%100
40	MP2A	Z	-.538	-.538	0	%100
41	MP3A	X	-.31	-.31	0	%100
42	MP3A	Z	-.538	-.538	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
43	MP4A	X	-.31	-.31	0	%100
44	MP4A	Z	-.538	-.538	0	%100
45	M39	X	-.31	-.31	0	%100
46	M39	Z	-.538	-.538	0	%100
47	MP5A	X	-.31	-.31	0	%100
48	MP5A	Z	-.538	-.538	0	%100
49	M45	X	-.286	-.286	0	%100
50	M45	Z	-.495	-.495	0	%100
51	M46	X	-.07	-.07	0	%100
52	M46	Z	-.122	-.122	0	%100
53	MP1C	X	-.31	-.31	0	%100
54	MP1C	Z	-.538	-.538	0	%100
55	M54A	X	0	0	0	%100
56	M54A	Z	0	0	0	%100
57	MP3C	X	-.31	-.31	0	%100
58	MP3C	Z	-.538	-.538	0	%100
59	MP4C	X	-.31	-.31	0	%100
60	MP4C	Z	-.538	-.538	0	%100
61	M70	X	-.31	-.31	0	%100
62	M70	Z	-.538	-.538	0	%100
63	MP5C	X	-.31	-.31	0	%100
64	MP5C	Z	-.538	-.538	0	%100
65	M82	X	-.233	-.233	0	%100
66	M82	Z	-.403	-.403	0	%100
67	M85	X	-.49	-.49	0	%100
68	M85	Z	-.849	-.849	0	%100
69	MP3B	X	-.31	-.31	0	%100
70	MP3B	Z	-.538	-.538	0	%100
71	MP4B	X	-.31	-.31	0	%100
72	MP4B	Z	-.538	-.538	0	%100
73	M101	X	-.31	-.31	0	%100
74	M101	Z	-.538	-.538	0	%100
75	MP5B	X	-.31	-.31	0	%100
76	MP5B	Z	-.538	-.538	0	%100
77	M107A	X	-.37	-.37	0	%100
78	M107A	Z	-.642	-.642	0	%100
79	M108A	X	-.093	-.093	0	%100
80	M108A	Z	-.16	-.16	0	%100
81	M105	X	-.144	-.144	0	%100
82	M105	Z	-.249	-.249	0	%100
83	M106A	X	-.144	-.144	0	%100
84	M106A	Z	-.249	-.249	0	%100
85	M107	X	-.07	-.07	0	%100
86	M107	Z	-.122	-.122	0	%100
87	M108	X	-.286	-.286	0	%100
88	M108	Z	-.495	-.495	0	%100
89	MP1B	X	-.31	-.31	0	%100
90	MP1B	Z	-.538	-.538	0	%100
91	MP2C	X	-.31	-.31	0	%100
92	MP2C	Z	-.538	-.538	0	%100
93	MP2B	X	-.31	-.31	0	%100
94	MP2B	Z	-.538	-.538	0	%100
95	M102B	X	0	0	0	%100
96	M102B	Z	0	0	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M5	Y	-1.082	-5.011	0	2
2	M5	Y	-5.011	-8.94	2	4
3	M6	Y	-1.082	-5.011	0	2
4	M6	Y	-5.011	-8.94	2	4
5	M39A	Y	-3.827	-3.827	.037	7.397
6	M40	Y	-1.146	-2.683	0	2.394
7	M40	Y	-2.683	-3.673	2.394	4.787
8	M40	Y	-3.673	-3.896	4.787	7.181
9	M40	Y	-3.896	-3.673	7.181	9.574
10	M40	Y	-3.673	-2.683	9.574	11.968
11	M40	Y	-2.683	-1.146	11.968	14.362
12	M56	Y	-9.134	-9.134	3.364e-14	2
13	M2	Y	-9.134	-9.134	0	2
14	M7	Y	-1.082	-5.011	0	2
15	M7	Y	-5.011	-8.94	2	4
16	M6A	Y	-3.827	-3.827	.037	7.397
17	M7A	Y	-1.146	-2.683	0	2.394
18	M7A	Y	-2.683	-3.673	2.394	4.787
19	M7A	Y	-3.673	-3.896	4.787	7.181
20	M7A	Y	-3.896	-3.673	7.181	9.574
21	M7A	Y	-3.673	-2.683	9.574	11.968
22	M7A	Y	-2.683	-1.146	11.968	14.362
23	M23A	Y	-3.827	-3.827	.037	7.397
24	M24	Y	-1.146	-2.683	0	2.394
25	M24	Y	-2.683	-3.673	2.394	4.787
26	M24	Y	-3.673	-3.896	4.787	7.181
27	M24	Y	-3.896	-3.673	7.181	9.574
28	M24	Y	-3.673	-2.683	9.574	11.968
29	M24	Y	-2.683	-1.146	11.968	14.362
30	M55	Y	-9.134	-9.134	0	2

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M5	Y	-2.381	-11.024	0	2
2	M5	Y	-11.024	-19.668	2	4
3	M6	Y	-2.381	-11.024	0	2
4	M6	Y	-11.024	-19.668	2	4
5	M39A	Y	-8.419	-8.419	.037	7.397
6	M40	Y	-2.522	-5.902	0	2.394
7	M40	Y	-5.902	-8.081	2.394	4.787
8	M40	Y	-8.081	-8.571	4.787	7.181
9	M40	Y	-8.571	-8.081	7.181	9.574
10	M40	Y	-8.081	-5.902	9.574	11.968
11	M40	Y	-5.902	-2.522	11.968	14.362
12	M56	Y	-20.094	-20.094	3.364e-14	2
13	M2	Y	-20.094	-20.094	0	2
14	M7	Y	-2.381	-11.024	0	2
15	M7	Y	-11.024	-19.668	2	4
16	M6A	Y	-8.419	-8.419	.037	7.397
17	M7A	Y	-2.522	-5.902	0	2.394
18	M7A	Y	-5.902	-8.081	2.394	4.787
19	M7A	Y	-8.081	-8.571	4.787	7.181
20	M7A	Y	-8.571	-8.081	7.181	9.574
21	M7A	Y	-8.081	-5.902	9.574	11.968
22	M7A	Y	-5.902	-2.522	11.968	14.362
23	M23A	Y	-8.419	-8.419	.037	7.397

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
24	M24	Y	-2.522	-5.902	0	2.394
25	M24	Y	-5.902	-8.081	2.394	4.787
26	M24	Y	-8.081	-8.571	4.787	7.181
27	M24	Y	-8.571	-8.081	7.181	9.574
28	M24	Y	-8.081	-5.902	9.574	11.968
29	M24	Y	-5.902	-2.522	11.968	14.362
30	M55	Y	-20.094	-20.094	0	2

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N14	N10	N15	N16	Y	Two Way	-.005
2	N16	N15	N17	N18	Y	Two Way	-.005
3	N18	N17	N10	N14	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N14	N10	N15	N16	Y	Two Way	-.011
2	N16	N15	N17	N18	Y	Two Way	-.011
3	N18	N17	N10	N14	Y	Two Way	-.011

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	N2	max	3959.416	11	1497.378	24	1137.823	1	-.511	6	2.099	11	.684	40
2		min	-4109.958	5	322.652	6	-2118.987	7	-3.127	24	-2.294	5	-.114	10
3	N91A	max	1097.766	4	1499.727	19	1663.683	19	.379	1	.074	2	.084	2
4		min	-840.721	10	-36.263	1	-37.692	1	-.26	7	-.06	8	-.068	8
5	N210A	max	1984.77	10	1371.884	20	3812.275	1	1.52	21	1.704	7	2.342	20
6		min	-2705.358	4	299.551	2	-3151.251	7	.291	3	-1.932	1	.336	2
7	N212A	max	2915.611	9	1477.698	16	3704.182	1	1.379	16	1.883	3	-.464	10
8		min	-1978.557	3	309.998	10	-3415.272	7	.142	10	-2.116	9	-2.736	16
9	N212B	max	1333.138	16	1511.288	15	412.022	6	.098	2	.076	10	.259	3
10		min	-277.046	10	-33.11	9	-1364.629	1	-.125	8	-.062	4	-.338	9
11	N215A	max	120.299	4	1488.666	23	694.639	7	.174	11	.079	6	.304	5
12		min	-1629.518	22	-71.683	5	-1019.519	1	-.253	5	-.06	12	-.21	11
13	Totals:	max	6266.789	10	8183.463	21	6232.439	1						
14		min	-6266.752	4	3516.306	3	-6232.431	7						

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

	Member	Shape	Code ...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [...	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M1	HSS4X4X4	.242	0	11	.124	0	z	4	139319.4...	139518	16.181	16.181	1...	H1-1b
2	M2	HSS4.5X4.5...	.148	0	24	.068	0	y	48	119784.8...	121302	16.25	16.25	1...	H1-1b
3	M5	LL3x3x4x0	.306	0	5	.046	4	z	4	76288.155	93312	6.48	4.357	1...	H1-1b
4	M6	LL3x3x4x0	.313	0	1	.047	4	z	12	76288.155	93312	6.48	4.357	1...	H1-1b
5	M7	LL3x3x4x0	.299	0	10	.043	4	z	8	76288.155	93312	6.48	4.357	1...	H1-1b
6	M6A	L3X3X4	.330	3.717	11	.018	3.717	z	16	13991.953	46656	1.688	3.135	1...	H2-1
7	M7A	L3X3X4	.895	0	8	.716	7.181	z	24	3748.406	46656	1.688	3.023	2...	H2-1
8	MP1A	PIPE_2.0	.062	3.073	1	.230	.469		1	23808.54	32130	1.872	1.872	1...	H3-6
9	M23A	L3X3X4	.312	7.433	11	.018	3.717	z	24	13991.953	46656	1.688	3.166	1...	H2-1
10	M24	L3X3X4	.876	14.362	2	.635	7.181	y	8	3748.406	46656	1.688	2.851	1...	H2-1
11	M39A	L3X3X4	.314	3.717	3	.018	3.717	z	20	13991.953	46656	1.688	3.136	1...	H2-1
12	M40	L3X3X4	.947	14.362	10	.695	7.181	z	16	3748.406	46656	1.688	2.871	1...	H2-1
13	M55	HSS4.5X4.5...	.133	0	18	.042	0	y	20	119784.8...	121302	16.25	16.25	1...	H1-1b

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

	Member	Shape	Code ...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [...	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
14	M56	HSS4.5X4.5...	.144	0	14	.047	0	y	16	119784.8...	121302	16.25	16.25	1...	H1-1b
15	M60A	PIPE_2.0	.422	3.125	9	.135	9.115		6	6295.422	32130	1.872	1.872	1...	H1-1b
16	M61	L5x5x4	.307	0	8	.025	0	z	6	47250.026	78975	4.407	8.986	1...	H2-1
17	M62	L5x5x4	.318	0	4	.026	0	y	4	47250.026	78975	4.407	8.986	1...	H2-1
18	M63	L5x5x4	.316	0	12	.026	0	y	12	47250.026	78975	4.407	8.986	1...	H2-1
19	M64	L3X3X4	.427	10.771	7	.234	14.362	z	1	3748.406	46656	1.688	2.722	1...	H2-1
20	MP2A	PIPE_2.0	.296	3.49	10	.266	3.542		6	23808.54	32130	1.872	1.872	1...	H1-1b
21	MP3A	PIPE_2.0	.286	4.062	10	.155	4.062		7	23808.54	32130	1.872	1.872	1...	H1-1b
22	MP4A	PIPE_2.0	.429	4.531	10	.269	4.531		9	23808.54	32130	1.872	1.872	1...	H1-1b
23	M39	PIPE_2.0	.316	3.49	10	.199	3.542		8	23808.54	32130	1.872	1.872	1...	H1-1b
24	MP5A	PIPE_2.0	.031	.573	17	.167	.469		11	23808.54	32130	1.872	1.872	1	H1-1b
25	M45	PIPE_2.0	.060	4.631	21	.138	4.631		1	24846.31	32130	1.872	1.872	1...	H1-1b*
26	M46	PIPE_2.0	.068	4.631	5	.205	4.631		1	24846.311	32130	1.872	1.872	1...	H1-1b*
27	MP1C	PIPE_2.0	.031	.521	19	.209	3.906		9	23808.54	32130	1.872	1.872	2...	H1-1b
28	M54A	L3X3X4	.459	10.771	3	.224	14.362	z	9	3748.406	46656	1.688	2.646	1...	H2-1
29	MP3C	PIPE_2.0	.288	4.062	12	.158	4.062		3	23808.54	32130	1.872	1.872	1...	H1-1b
30	MP4C	PIPE_2.0	.412	4.531	6	.267	4.531		5	23808.54	32130	1.872	1.872	1...	H1-1b
31	M70	PIPE_2.0	.305	3.49	6	.192	3.542		4	23808.54	32130	1.872	1.872	1...	H1-1b
32	MP5C	PIPE_2.0	.030	.573	22	.158	.469		8	23808.54	32130	1.872	1.872	2...	H1-1b
33	M82	PIPE_2.0	.412	3.125	12	.135	9.115		10	6295.422	32130	1.872	1.872	1...	H1-1b
34	M85	L3X3X4	.450	10.771	11	.251	2.543	y	17	3748.406	46656	1.688	2.656	1...	H2-1
35	MP3B	PIPE_2.0	.282	4.062	8	.155	4.062		11	23808.54	32130	1.872	1.872	1...	H1-1b
36	MP4B	PIPE_2.0	.409	4.479	2	.265	4.531		1	23808.54	32130	1.872	1.872	1...	H1-1b
37	M101	PIPE_2.0	.298	3.49	2	.195	3.542		12	23808.54	32130	1.872	1.872	1...	H1-1b
38	MP5B	PIPE_2.0	.048	.573	24	.198	.469		4	23808.54	32130	1.872	1.872	2...	H1-1b
39	M107A	HSS4X4X4	.211	0	7	.122	0	z	12	139319.4...	139518	16.181	16.181	1...	H1-1b
40	M108A	HSS4X4X4	.227	0	3	.123	0	z	8	139319.4...	139518	16.181	16.181	1...	H1-1b
41	M105	PIPE_2.0	.056	4.631	4	.127	4.631		9	24846.31	32130	1.872	1.872	1...	H1-1b*
42	M106A	PIPE_2.0	.073	4.631	13	.194	4.631		9	24846.311	32130	1.872	1.872	1...	H1-1b*
43	M107	PIPE_2.0	.055	4.631	12	.140	4.631		5	24846.31	32130	1.872	1.872	1...	H1-1b*
44	M108	PIPE_2.0	.073	4.631	21	.212	4.631		5	24846.311	32130	1.872	1.872	1...	H1-1b*
45	MP1B	PIPE_2.0	.077	3.438	5	.249	.469		6	23808.54	32130	1.872	1.872	1...	H3-6
46	MP2C	PIPE_2.0	.297	3.49	6	.266	3.542		2	23808.54	32130	1.872	1.872	1...	H1-1b
47	MP2B	PIPE_2.0	.288	3.49	2	.267	3.542		10	23808.54	32130	1.872	1.872	1...	H1-1b
48	M102B	PIPE_2.0	.430	3.125	5	.143	9.115		2	6295.422	32130	1.872	1.872	1...	H1-1b

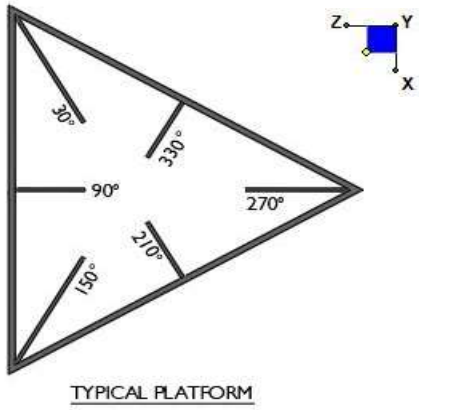
Client:	Verizon Wireless	Date:	9/28/2021
Site Name:	WOODBURY W CT		
Project No.	21777476A		
Title:	Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N2	90
N212A	330
N210A	210



TYPICAL PLATFORM

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	
Plate Height (in):	
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	
t_{Plate} (in):	
Weld Size (1/16 in):	3
Phi*Rn (kip/in):	4.18
Required Weld Strength (kip/in):	2.61
Weld Capacity:	**62.5%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	#N/A
$Phi*Mn_{xx}$ *(kip-in)* :	0.0
Mu_{yy} *(kip-in)* :	#N/A
$Phi*Mn_{yy}$ *(kip-in)* :	0.0

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

Passing Mount Analysis requires a PMI due to a modification in loading.
Electronic pdf version of this can be downloaded at https://pmi.vzwsmart.com.
For additional questions and support, please reach out to pmisupport@colliersengineering.com

---

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

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

Base Requirements:

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

Photo Requirements:

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

- Photos showing each individual sector after installation. Each entire sector shall be in one photo to show the interconnection of members.
  - These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
- Photos that show the model number of each antenna and piece of equipment installed per sector.

Antenna & equipment placement and Geometry Confirmation:

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

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

Issue:

Contractor is to move Beta position 1 (left to right looking out from tower) 2" closer to the end of the face horizontal. Contractor is to move position 2 in all sectors 16" to the right (looking out from tower) and provide photos of all mount position change measurements. If present, contractor shall inspect climbing facilities and ensure that the safety climb is in good condition. Contractor shall install safety climb wire rope guide (Part #: Site Pro 1 - 120-123/317 or EOR approved equal) in locations where the wire rope is rubbing against mount to tower attachments. Contractor shall provide photos of safety climb wire rope guide installation.

Response:

Contractor certifies that the climbing facility / safety climb was not damaged during installation:

☐ Yes ☐ No

Comments:

☐ 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.

Special Instruction Confirmation:

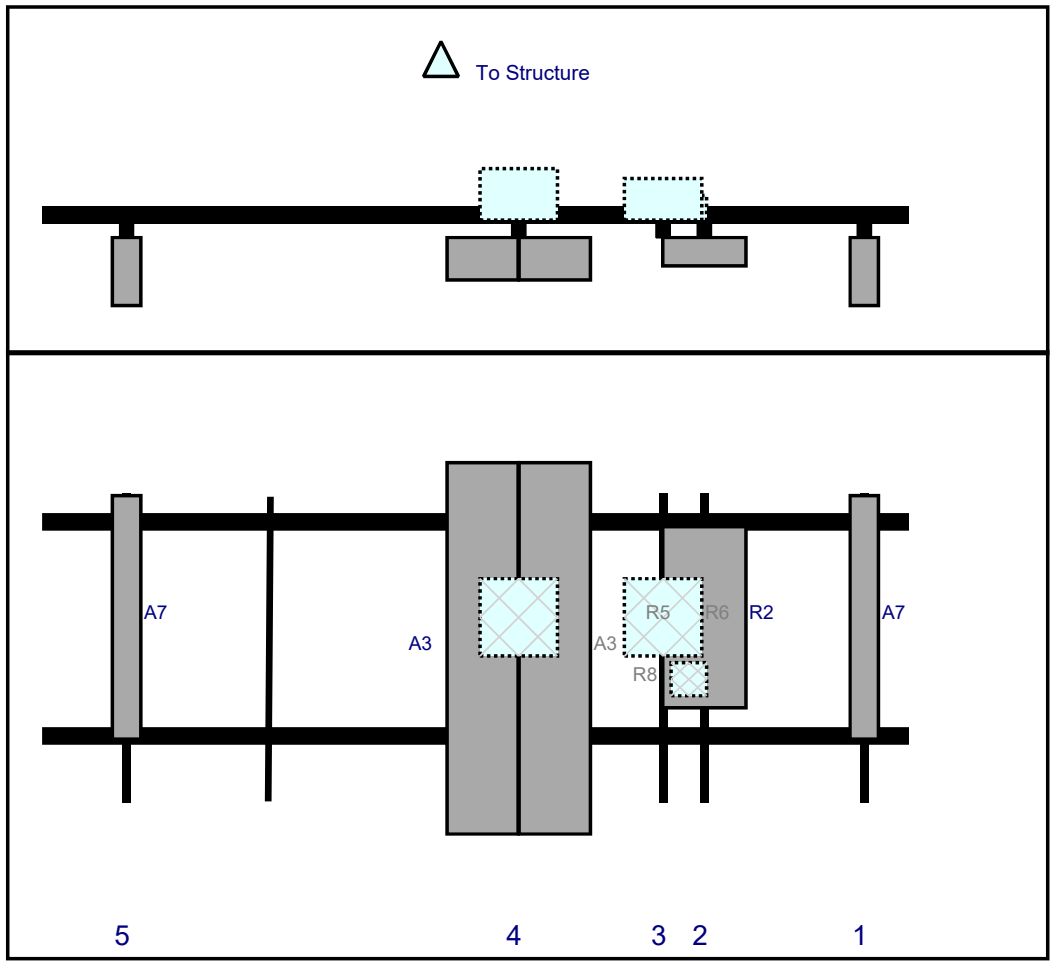
☐ The contractor has read and acknowledges the above special instructions.

Certifying Individual:

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

Plan View

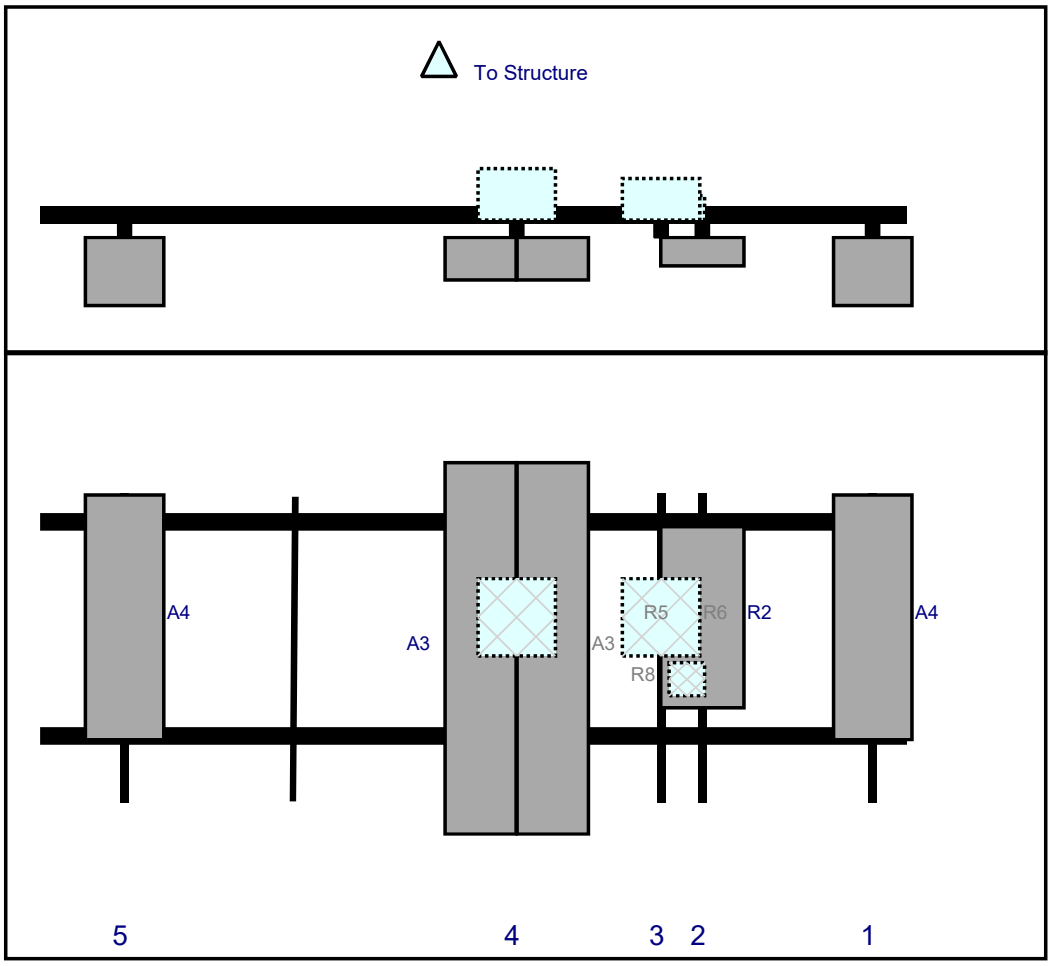
Front View
Looking at Structure



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
A7	LPA-80080/4CF	47.2	5.5	159.339	1	a	Front	24	0	Retained	04/12/2021
R2	MT6407-77A	35.1	16.1	128.339	2	a	Front	24	0	Added	
R8	CBC78T-DS-43-2X	6.4	6.9	128.339	2	a	Behind	36	-3	Retained	04/12/2021
R6	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	120.339	3	a	Behind	24	0	Retained	04/12/2021
A3	JAHH-65B-R3B	72	13.8	92.339	4	a	Front	30	7	Retained	04/12/2021
A3	JAHH-65B-R3B	72	13.8	92.339	4	b	Front	30	-7	Retained	04/12/2021
R5	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	92.339	4	a	Behind	24	0	Retained	04/12/2021
A7	LPA-80080/4CF	47.2	5.5	16.339	5	a	Front	24	0	Retained	04/12/2021

Plan View

Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A4	LPA-80063/4CF	47.4	15.2	161.339	1	a	Front	24	0	Retained	04/12/2021
R2	MT6407-77A	35.1	16.1	128.339	2	a	Front	24	0	Added	
R8	CBC78T-DS-43-2X	6.4	6.9	128.339	2	a	Behind	36	-3	Retained	04/12/2021
R6	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	120.339	3	a	Behind	24	0	Retained	04/12/2021
A3	JAHH-65B-R3B	72	13.8	92.339	4	a	Front	30	7	Retained	04/12/2021
A3	JAHH-65B-R3B	72	13.8	92.339	4	b	Front	30	-7	Retained	04/12/2021
R5	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	92.339	4	a	Behind	24	0	Retained	04/12/2021
A4	LPA-80063/4CF	47.4	15.2	16.339	5	a	Front	24	0	Retained	04/12/2021

Structure: 469342-VZW - WOODBURY W CT

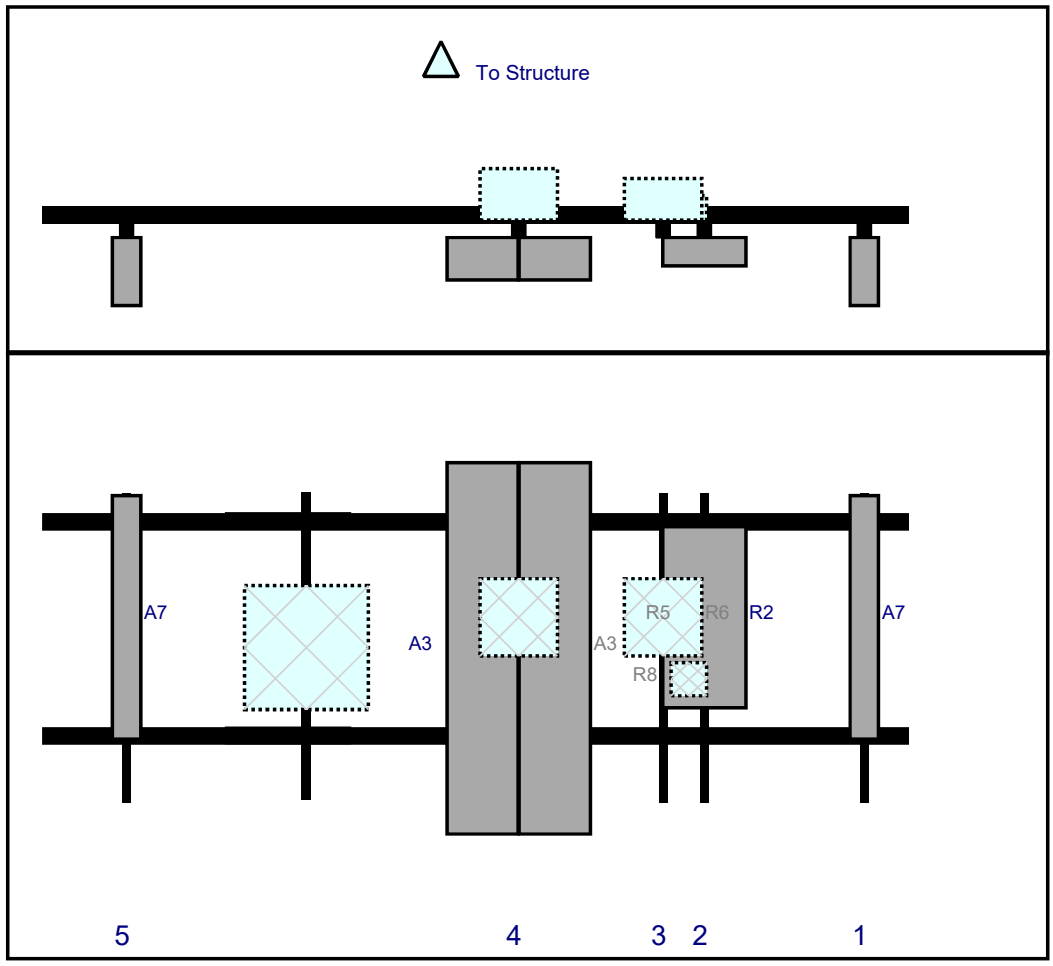
Sector: **A** 10/21/2021

Structure Type: Monopole 10050459

Mount Elev: 145.00 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
A7	LPA-80080/4CF	47.2	5.5	159.339	1	a	Front	24	0	Retained	04/12/2021
R2	MT6407-77A	35.1	16.1	128.339	2	a	Front	24	0	Added	
R8	CBC78T-DS-43-2X	6.4	6.9	128.339	2	a	Behind	36	-3	Retained	04/12/2021
R6	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	120.339	3	a	Behind	24	0	Retained	04/12/2021
A3	JAHH-65B-R3B	72	13.8	92.339	4	a	Front	30	7	Retained	04/12/2021
A3	JAHH-65B-R3B	72	13.8	92.339	4	b	Front	30	-7	Retained	04/12/2021
R5	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	92.339	4	a	Behind	24	0	Retained	04/12/2021
A7	LPA-80080/4CF	47.2	5.5	16.339	5	a	Front	24	0	Retained	04/12/2021

Maser Consulting Connecticut

Subject	*TIA-222-H Usage*	
Site Information	*Site ID:*	*469342-VZW / WOODBURY W CT*
	Site Name:	*WOODBURY W CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*478 Good Hill Rd* *Woodbury, Connecticut 06798* *Litchfield County*
	Latitude:	*41.557222°*
	Longitude:	*-73.256778°*
Structure Information	*Tower Type:*	*149-Ft Monopole*
	Mount Type:	*14.00-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,

Dejian Xu

Dejian Xu, PE
Technical Manager

Site Name: ***WOODBURY W 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	959	3836	147	0.0064	0.5007	1.28%
VZW CDMA	878.49	2	498	995	147	0.0017	0.5857	0.28%
VZW Cellular	874	4	725	2902	147	0.0048	0.5827	0.83%
VZW PCS	1975	4	1593	6372	147	0.0106	1.0000	1.06%
VZW AWS	2120	4	3300	13200	147	0.0220	1.0000	2.20%
VZW CBAND	3730.08	2	21627	43254	147	0.0720	1.0000	7.20%
Total Percentage of Maximum Permissible Exposure								12.84%

*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

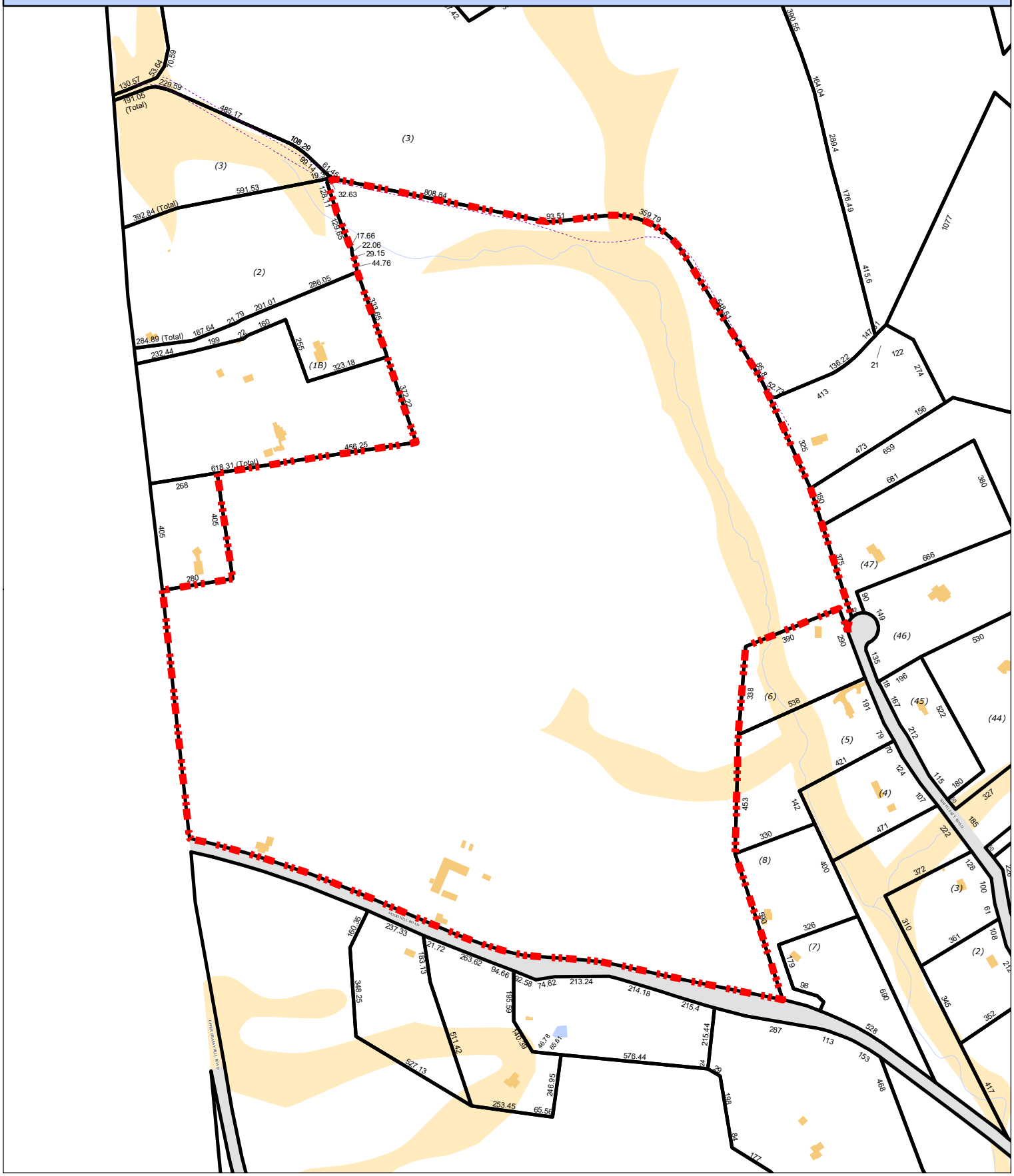
mW/cm^2 = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.

Town of Woodbury, Connecticut - Assessment Parcel Map

Parcel: 066-008 Address: 478 GOOD HILL RD



Approximate Scale: 1 inch = 500 feet

0 260 520 780 1,040 Feet

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

Map Produced:
6/16/2021

Town of Woodbury, CT

Property Listing Report

Map Block Lot	Building #	Unique Identifier
066-008		283410

Property Information

Property Location	478 GOOD HILL RD
Mailing Address	PO BOX 51 ROXBURY CT 06783
Land Use	Residential
Zoning Code	OS100
Neighborhood	24

Owner	ROXBURY LAND TRUST INC
Co-Owner	(ALLTEL - CELL TOWER)
Book / Page	313/ 366
Land Class	Vacant Land
Census Tract	3621
Acreage	2.3

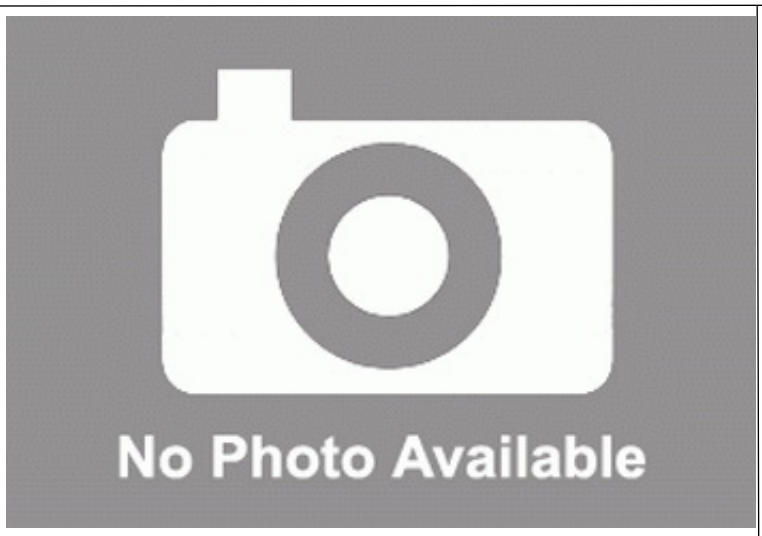
Valuation Summary

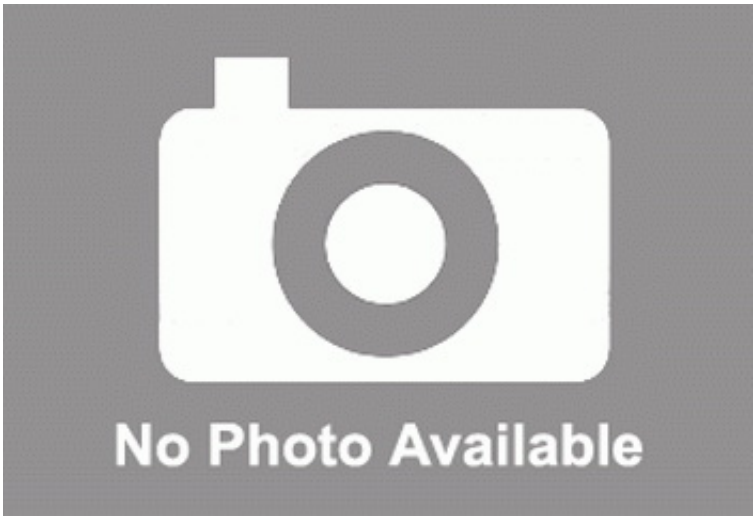
(Assessed value = 70% of Appraised Value)

Item	Appraised	Assessed
Buildings	0	0
Outbuildings	317587	222310
Land	196650	137660
Total	514237	0

Utility Information

Electric	No
Gas	No
Sewer	No
Public Water	No
Well	No





Primary Construction Details

Year Built	
Building Desc.	
Building Style	
Stories	
Exterior Walls	
Exterior Walls 2	
Interior Walls	
Interior Walls 2	
Interior Floors 1	
Interior Floors 2	

Heating Fuel	
Heating Type	
AC Type	
Bedrooms	
Full Bathrooms	
Half Bathrooms	
Extra Fixtures	
Total Rooms	
Bath Style	
Kitchen Style	
Occupancy	

Building Use	
Building Condition	
Frame Type	
Fireplaces	
Bsmt Gar	
Fin Bsmt Area	
Fin Bsmt Quality	
Building Grade	
Roof Style	
Roof Cover	

Report Created On 12/8/2021

Town of Woodbury, CT

Property Listing Report | Map Block Lot: 066-008 | Building #: | Unique Identifier: 283410

Detached Outbuildings

Type	Description	Area (sq ft)	Condition	Year Built
Cell Towers	Fencing	300	Average	2001
Cell Towers	Building/Equipment	240	Average	2001
Cell Towers	Building/Equipment	240	Average	2001
Cell Towers	Mono Pole	150	Average	2001
Cell Towers	Building/Equipment	336	Average	2001

Attached Extra Features

Type	Description	Area (sq ft)	Condition	Year Built

Sales History

Owner of Record	Book/ Page	Sale Date	Sale Price
ROXBURY LAND TRUST INC	313_ 366	3/23/2004	0
GOOD HILL FARM LLC	249_458+	5/2/2000	0

Report Created On 12/8/2021