

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](mailto:JColeman@clinellc.com)

November 23, 2021

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

**RE: Notice of Exempt Modification // Site: NORTH HAVEN CT (ATC: 302482 )  
15 Dwight St., North Haven, CT 06473  
N 41.4208 // W 72.8488**

Dear Ms. Bachman:

Cellco Partnership d/b/a Verizon Wireless currently maintains 12 antennas at the 108-ft level on the existing 150-foot Monopole tower, located at 15 Dwight St., North Haven, CT. The tower is owned by American Tower. The tower was originally approved by the Council in 1984. Verizon Wireless now intends to remove Three (3) antenna and install Six (6) new antenna for the LTE (3700 MHz) replacements for its 5G upgrade. Additionally, Verizon Wireless intends to remove Twelve (12) RRH's and add Twelve (12) RRH's, Three (3) Diplexers and associated cabling; altogether updating leased equipment rights, as reflected by the final configuration outlined in the structural analysis and proposed hereby.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Michael J. Fredda, First Selectman, Building Officer, Elio Floriano, and 15 Dwight Street LLC, the Property owner.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2). Enclosed to accommodate this filing are construction drawings dated November 12, 2021 by Dewberry Engineers Inc., a structural analysis dated May 20, 2021 by CLS Engineering PLLC, and a structural mount analysis by Maser Consulting Connecticut date October 1, 2021, and radio frequency (RF) analysis table showing worst-case RF emission calculation by Verizon Wireless RF Design Engineering.

1. The proposed modifications will not result in an increase in the height of the existing structure.
2. The proposed modifications will not require the extension of the site boundary.
3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.
4. The operation of the new antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard.
5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.
6. The existing structure and its foundation can support the proposed loading, as shown in the attached structural analysis by CLS Engineering PLLC., dated May 20, 2021 and a structural mount analysis by Maser Consulting Connecticut, dated October 1, 2021, pursuant to certain conditions defined therein. Design and engineering is fully illustrated within final construction drawings, signed and stamped dated November 12, 2021.

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

Sincerely,

*John Coleman*

---

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

Attachments

cc: Michael J. Fredda, First Selectman - as chief elected official  
Elio Floriano, Building Officer - as P&Z official  
15 Dwight Street LLC - as Property owner

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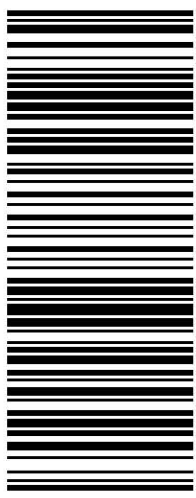

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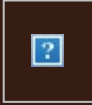
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<p style="text-align: right;"><b>1 OF 1</b></p> <p><b>1 LBS</b></p> <p>CASSANDRA ROSENKRANZ CENTERLINE COMMUNICATIONS, LLC 750 WEST CENTER STREET WEST BRIDGEWATER MA 02379</p> <p><b>SHIP TO:</b> F.S. M. FREDDA / BZO E. FLORIANO MEMORIAL TOWN HALL 18 CHURCH STREET TOWN OF NORTH HAVEN <b>NORTH HAVEN CT 06473-2597</b></p>	<p><b>CT 065 2-03</b></p> 	<p><b>UPS GROUND</b></p> <p>TRACKING #: 1Z 9Y4 503 03 0749 3148</p> 	<p><b>BILLING: P/P</b></p> <p>Reference # 1: 302482 - North Haven CT</p> <p><small>CS 22.0.18. W/NTNV50 47.0A 11/2021*</small></p> 
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<b>Reference Number:</b>	302482 - NORTH HAVEN CT



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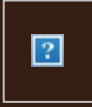
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<p>CASSANDRA ROSENKRANZ CENTERLINE COMMUNICATIONS, LLC 750 WEST CENTER STREET WEST BRIDGEWATER MA 02379</p> <p><b>SHIP TO:</b> C/O NEIL R. CARRANO 15 DWIGHT STREET LLC 11 SAGAMORE TERR. SOUTH <b>WESTBROOK CT 06498-2127</b></p>	<p><b>1 OF 1</b></p> <p><b>1 LBS</b></p> <p><b>CT 063 5-02</b></p> 	 <p><b>UPS GROUND</b></p> <p>TRACKING #: 1Z 9Y4 503 03 1466 4137</p> 	<p><b>BILLING: P/P</b></p> <p>Reference # 1: 302482 - North Haven CT</p> <p><small>CS 22.0.18. W/NTNV50 47.0A 11/2021*</small></p> 
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<b>UPS Service:</b>	UPS Ground
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<b>Reference Number:</b>	302482 - NORTH HAVEN CT



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DOCKET NO. 44

AN APPLICATION SUBMITTED BY THE SOUTHERN : CONNECTICUT SITING  
NEW ENGLAND TELEPHONE COMPANY FOR A :  
CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY : COUNCIL  
AND PUBLIC NEED FOR THE CONSTRUCTION,  
MAINTENANCE AND OPERATION OF FACILITIES TO  
PROVIDE CELLULAR SERVICE IN NEW HAVEN COUNTY : July 24, 1984

D E C I S I O N A N D O R D E R

Pursuant to the foregoing opinion, the Council hereby directs that a certificate of environmental compatibility and public need as required by section 16-50k of the General Statutes of Connecticut, revisions of 1958, revised to 1983, as amended, be issued to the Southern New England Telephone Company for the construction, operation, and maintenance of a telecommunications tower and associated equipment to provide cellular service at each of the following sites:

Jasudowich tract, Brushy Plain Road, Branford, Connecticut;  
Town of Guilford tract, Tanner Marsh Road, Guilford, Connecticut;  
Bridgeport Avenue, Milford, Connecticut;  
Quagliaro tract, Farmdale Drive, Waterbury, Connecticut;  
Pease Road, Woodbridge, Connecticut; and  
Dwight Street, North Haven, Connecticut.

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

1. The towers including antennas shall be no taller than necessary to provide the proposed service and in no event shall exceed
  - a) 167' at the Branford site,
  - b) 167' at the Guilford site,
  - c) 117' at the Milford site,
  - d) 167' at the Waterbury site,
  - e) 167' at the Woodbridge site,
  - f) 167' at the North Haven site;
2. A fence not lower than eight feet shall surround each tower and its associated equipment;

3. The applicant or its successor shall notify the Council if and when directional antennas or any other equipment is added to any of these facilities;
4. The applicant or its successor shall permit, in accordance with representations made by it during the proceeding, public or private entities to share space on the facilities, for due consideration received, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing;
5. Unless necessary to comply with condition number six, below, no lights shall be installed on any of these towers;
6. The facilities shall be constructed in accordance with all applicable federal, state, and municipal laws and regulations;
7. The applicant shall submit a development and management plan (D&M) for the Branford, Milford, Woodbridge, and North Haven sites pursuant to sections 16-50j-85 through 16-50j-87 of the regulations of state agencies, except that irrelevant items in section 16-50j-86 need only be identified as such. The D&M plans shall include appropriate evergreen screening of the sites, erosion control measures, reseeding plans, and tree removal plans. The applicant shall comply with the reporting requirements of section 16-50j-87 for all sites;
8. Construction activities shall take place during daylight working hours;
9. This decision and order shall be void and the towers and associated equipment approved herein shall be dismantled and removed, or reapplication for any new use shall be made to the Connecticut

Siting Council before any such new use is made, if the towers do not provide or permanently cease to provide cellular service following completion of construction;

10. This decision and order shall be void if all construction authorized is not completed within three years of the issuance of this decision.

Pursuant to section 16-50p of the General Statutes, we hereby direct that a copy of the opinion and decision and order be served on each person listed below. A notice of the issuance shall be published in the Hartford Courant, New Haven Register, and the Waterbury Republican.

The parties to this proceeding are

The Southern New England Telephone Company (Applicant)  
Room 314  
227 Church Street  
New Haven, Connecticut 06506

ATTENTION: Mr. Peter J. Tyrrell (its attorney)  
Senior Attorney

Town of Hamden represented by:  
Peter F. Villano, Mayor  
Shirley Gonzales, Town Planner  
Mr. Hugh Manke, Esquire  
Office of the Town Attorney  
Memorial Town Hall  
2372 Whitney Avenue  
Hamden, Connecticut 06518

Inland Wetlands Agency represented by:  
Town of Woodbridge  
Robert J. Klancko  
Chairman  
Town Hall  
11 Meeting House Lane  
Woodbridge, Connecticut 06525

Town Plan and Zoning  
Commission  
Town of Woodbridge

represented by:

Norman Fineberg  
Chairman  
Town Hall  
11 Meeting House Lane  
Woodbridge, Connecticut 06525

The Honorable Peter M. Lerner  
State Representative  
State of Connecticut  
House of Representatives  
State Capitol  
Hartford, Connecticut 06115

John Menta  
Felicia Tencza

represented by:

Ms. Felicia Tencza  
580 Gaylord Mountain Road  
Hamden, Connecticut 06518

Ms. Renee Robinson  
265 Blue Trail  
Hamden, Connecticut 06518

(service waived)

Irene L. Wong  
Edson H. Mount  
Dr. & Mrs. H.M. Fiskio  
Dr. & Mrs. Alexander Gottschalk

represented by:

Dr. & Mrs. Alexander Gottschalk  
230 Six Rod Highway  
Hamden, Connecticut 06518

The Sleeping Giant Park Association

represented by:

Mr. Dag Pfeiffer  
President  
Box 14  
Quinnipiac College  
Hamden, Connecticut 06518

West Rock Ridge Park Association

represented by:

Mr. William L. Dohney, Jr., D.D.S.  
President  
220 Mountain Road  
Hamden, Connecticut 06514

Sierra Club

represented by:

Ms. M. Kim Yanoshick  
Executive Director  
Hartford Chapter  
118 Oak Street  
Hartford, Connecticut 06106

Quinnipiac College

represented by:

Mr. Richard A. Terry  
President  
Hamden, Connecticut 06518

Guilford Conservation Commission

represented by:

Ms. Carolyn K. Evans  
Chairman  
Town Hall  
Park Street  
Guilford, Connecticut 06437

Mrs. Barbara R. Peterson  
Mary & Phil Faust  
Anita L. & Richard M. Sullivan

represented by:

Anita L. & Richard M. Sullivan  
315 Chestnut Lane  
Hamden, Connecticut 06518

Mrs. Pauline H. Hoff

represented by:

Herbert L. Emanuelson, Jr.  
Emanuelson and Wynne  
205 Church Street  
New Haven, Connecticut 06510

Hamden League of Women Voters

represented by:

Mrs. Sherrill Zoller  
605 West Woods Road  
Hamden, Connecticut 06518  
(service waived)

Joan Rosenberg  
230 Ridewood Avenue  
Hamden, Connecticut 06517

Mr. & Mrs. Richard Sykes  
110 Blue Trail  
Hamden, Connecticut 06518

Thomas & Claudia Sullivan, Jr.  
100 Blue Trail  
Hamden, Connecticut 06518

Mr. William N. Pantalone  
27 Pease Road  
Woodbridge, Connecticut 06525

(service waived)

INTERVENORS

Metromedia TeleCommunications  
Nutmeg Telecommunications, Inc.  
CSI of New Haven  
CSI of Stamford  
Cellular Communications, Inc.  
LIN Cellular Corp.  
Cellular Mobile Services  
Maxcell TeleCommunications, Inc.  
Mobile Cellular Telephone, Inc.  
Cellular Dynamics  
Connecticut Corridor Cellular  
Chase/Post Cellular

represented by:

Dwight A. Johnson  
Murtha, Cullina, Richter  
and Pinney  
101 Pearl Street  
P.O. Box 3197  
Hartford, Connecticut 06103-0197



C E R T I F I C A T I O N

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case or read the record thereof, and that we voted as follows:

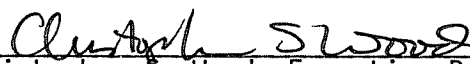
Dated at New Britain, Connecticut, this 24th day of July, 1984.

<u>Council Members</u>	<u>Vote Cast</u>
_____) Gloria Dibble Pond Chairperson	Absent
_____) Commissioner John Downey Designee: Commissioner Peter G. Boucher	Absent
<i>Brian Emerick</i> _____) Commissioner Stanley Pac Designee: Brian Emerick	<del>Yes</del> Absent Abstain
<i>Owen L. Clark</i> _____) Owen L. Clark	Yes
<i>Fred J. Doocy</i> _____) Fred J. Doocy	Yes
<i>Mortimer A. Gelston</i> _____) Mortimer A. Gelston	Yes
<i>James G. Horsfall</i> _____) James G. Horsfall	Yes
_____) Janet Sitty	Absent
<i>Colin C. Tait</i> _____) Colin C. Tait Acting Chairperson	Yes

STATE OF CONNECTICUT            )  
                                          ):            ss.        New Britain, July 24, 1984  
COUNTY OF HARTFORD            )

I hereby certify that the foregoing is a true and correct copy of the decision and order issued by the Connecticut Siting Council, State of Connecticut.

ATTEST:

  
\_\_\_\_\_  
Christopher S. Wood, Executive Director  
Connecticut Siting Council



**AMERICAN TOWER®**  
CORPORATION

This report was prepared for American Tower Corporation by

**CLS** ENGINEERING  
PLLC

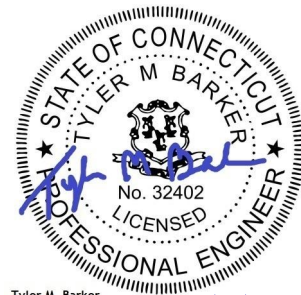
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## Structural Analysis Report

**Structure** : 150 ft Monopole  
**ATC Site Name** : North Haven CT 1, CT  
**ATC Asset Number** : 302482  
**Engineering Number** : 13669395\_C3\_01  
**Proposed Carrier** : VERIZON WIRELESS  
**Carrier Site Name** : NORTH HAVEN II CT  
**Carrier Site Number** : 468218  
**Site Location** : 15 Dewight Street  
North Haven, CT 06473-1198  
41.420800,-72.848800  
**County** : New Haven  
**Date** : May 20, 2021  
**Max Usage** : 89%  
**Result** : Pass

Prepared By:  
Temitope Olaniyan  
CLS

Reviewed By:



Tyler M. Barker  
CLS Engineering PLLC  
PE # 32402 Exp. 1/31/2021  
COA # PEC.001833 Exp. 8/14/2022  
05/21/2021



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Calculations ..... Attached

## Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 150 ft monopole to reflect the change in loading by VERIZON WIRELESS.

## Supporting Documents

<b>Tower Drawings</b>	ITT Meyer, Type "B", Spec. AT-8935, dated April 13, 1984
<b>Foundation Drawing</b>	Southern New England Telephone Job #3C032, dated September 18, 1984
<b>Geotechnical Report</b>	S&ME Job #1261-08-0490, dated April 24, 2008
<b>Modifications</b>	Spectrasite Communications File #CT-0018-M1, Rev. 4, dated October 15, 2002 ATC Project #41732832, dated June 30, 2008 ATC Project #43874133, dated September 1, 2009 ATC Project #60261734, dated January 19, 2015

## 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.

<b>Basic Wind Speed:</b>	116.96 mph (3-Second Gust)
<b>Basic Wind Speed w/ Ice:</b>	48.7 mph (3-Second Gust) w/ 0.85" radial ice concurrent
<b>Code:</b>	ANSI/TIA-222-H / 2015 IBC / 2018 Connecticut State Building Code
<b>Exposure Category:</b>	B
<b>Risk Category:</b>	II
<b>Topographic Factor Procedure:</b>	Method 1
<b>Topographic Category:</b>	1
<b>Crest Height (H):</b>	0 ft
<b>Spectral Response:</b>	$S_s = 0.20$ , $S_1 = 0.05$
<b>Site Class:</b>	D - Stiff Soil

\*\*Wind load and Ice thickness have been reduced by applicable existing structure load modification factors in accordance with TIA-222-H, Annex S.

## 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](mailto: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. <sup>1</sup> (ft)	Qty	Equipment	Mount Type	Lines	Carrier
153.0	6	Kathrein Scala 782-10250	Platform with Handrails	(2) 0.39" (10mm) Fiber Trunk (6) 0.78" (19.7mm) 8 AWG 6 (12) 1 1/4" Coax (2) 2" conduit	AT&T MOBILITY
	6	Powerwave Allgon 7020.00 Dual Band RET			
	6	Kaelus DBC0061F1V51-2			
	6	Powerwave Allgon LGP21401			
	3	Raycap DC6-48-60-18-8F			
	3	CCI OPA-65R-LCUU-H6			
	3	Ericsson RRUS 4478 B14			
	3	Ericsson RRUS 4449 B5, B12			
	3	CCI DMP65R-BU6DA			
	3	Ericsson RRUS 32 B30			
	3	Quintel QS66512-2			
	3	Ericsson RRUS 8843 B2, B66A			
142.0	3	DragonWave Horizon Compact	Platform with Handrails	(4) 1 1/4" Hybriflex Cable (3) 1/2" Coax (1) 2" conduit	CLEARWIRE CORPORATION
	1	DragonWave A-ANT-23G-1-C			
	6	Alcatel-Lucent RRH2x50-08			
	3	Alcatel-Lucent 1900 MHz 4X45 RRH			
	3	Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield			
	3	Generic RRU (Model TBD)			
	1	DragonWave A-ANT-11G-2-C			
	3	Commscope NNVV-65B-R4			
	1	DragonWave A-ANT-11G-2.5-C			
	3	RFS APXVTM14-ALU-I20			
108.0	2	RFS DB-T1-6Z-8AB-OZ	Low Profile Platform	(6) 1 5/8" Coax (2) 1 5/8" Hybriflex	VERIZON WIRELESS
	3	Commscope LNX-6514DS-VTM			
	6	Commscope JAHH-65B-R3B			

**Equipment to be Removed**

Elev. <sup>1</sup> (ft)	Qty	Equipment	Mount Type	Lines	Carrier
108.0	6	RFS FD9R6004/2C-3L	-	(3) 1 5/8" Coax	VERIZON WIRELESS
	6	RFS FD9R6004/1C-3L			
	3	Nokia B5 RRH4x40-850			
	3	Commscope HBX-6516DS-VTM			
	3	Alcatel-Lucent RRH2x60 700			
	3	Alcatel-Lucent B66 RRH4x45			
	3	Alcatel-Lucent RRH 2X60-1900			

**Proposed Equipment**

Elev. <sup>1</sup> (ft)	Qty	Equipment	Mount Type	Lines	Carrier
108.0	3	Commscope CBC78T-DS-43-2X	Triangular Low Profile Platform	-	VERIZON WIRELESS
	3	Samsung Outdoor CBRS 20W RRH –Clip-on Antenna			
	3	Samsung RT4401-48A			
	3	Samsung B5/B13 RRH-BR04C			
	3	Samsung B2/B66A RRH-BR049			
	3	Samsung MT6407-77A			

<sup>1</sup> 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	89%	Pass
Shaft	87%	Pass
Base Plate	61%	Pass
Flange	26%	Pass
Reinforcement	87%	Pass

### Foundations

Reaction Component	Analysis Reactions	% of Usage
Moment (Kips-Ft)	2,578.4	69%
Axial (Kips)	58.8	64%
Shear (Kips)	25.0	49%

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) (°)
142.0	DragonWave A-ANT-23G-1-C	CLEARWIRE CORPORATION	2.253	1.853
	DragonWave A-ANT-11G-2-C			
	DragonWave A-ANT-11G-2.5-C			
108.0	Commscope CBC78T-DS-43-2X	VERIZON WIRELESS	1.323	1.332
	Samsung Outdoor CBRS 20W RRH –Clip-on Antenna			
	Samsung RT4401-48A			
	Samsung B5/B13 RRH-BR04C			
	Samsung B2/B66A RRH-BR049			
Samsung MT6407-77A				

\*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

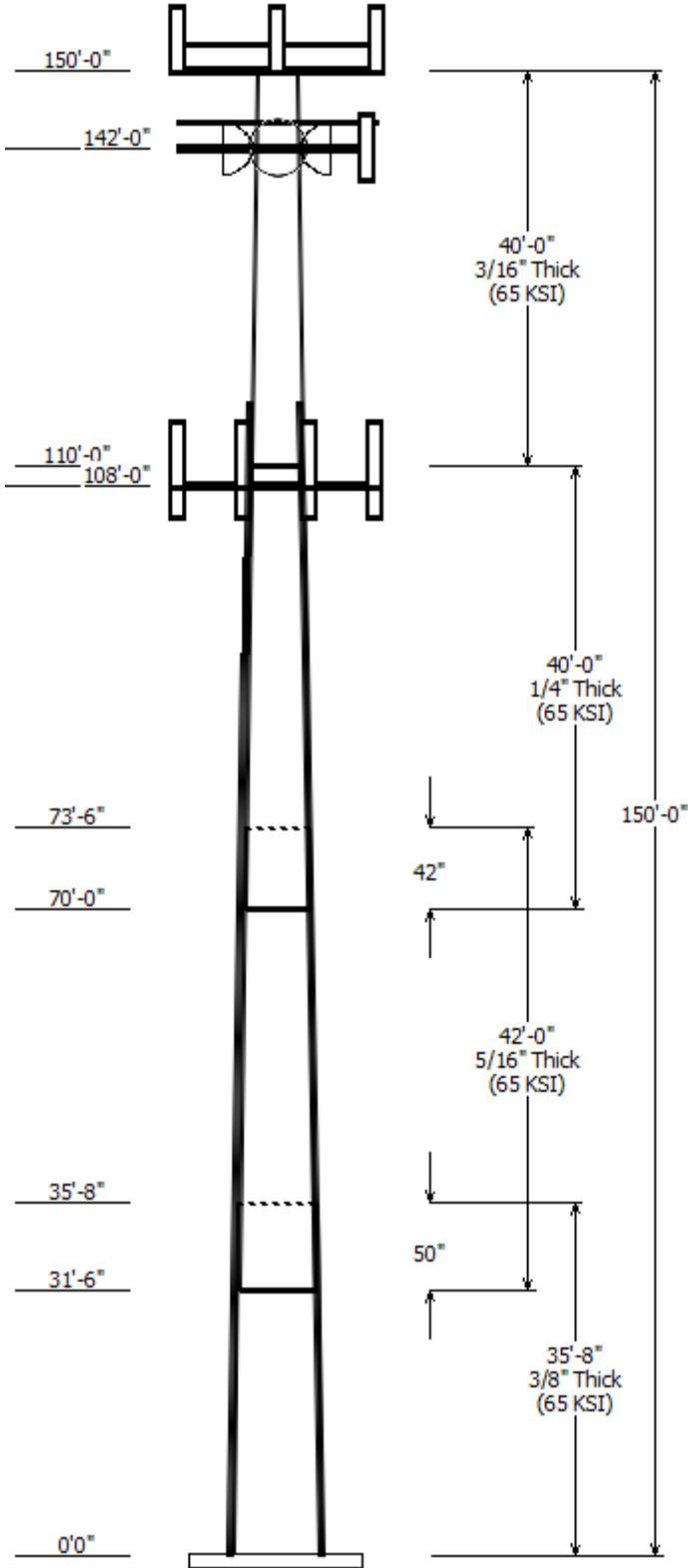
It is the responsibility of the client to ensure that the information provided to A.T. Engineering Service, PLLC and used in the performance of our engineering services is correct and complete.

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.

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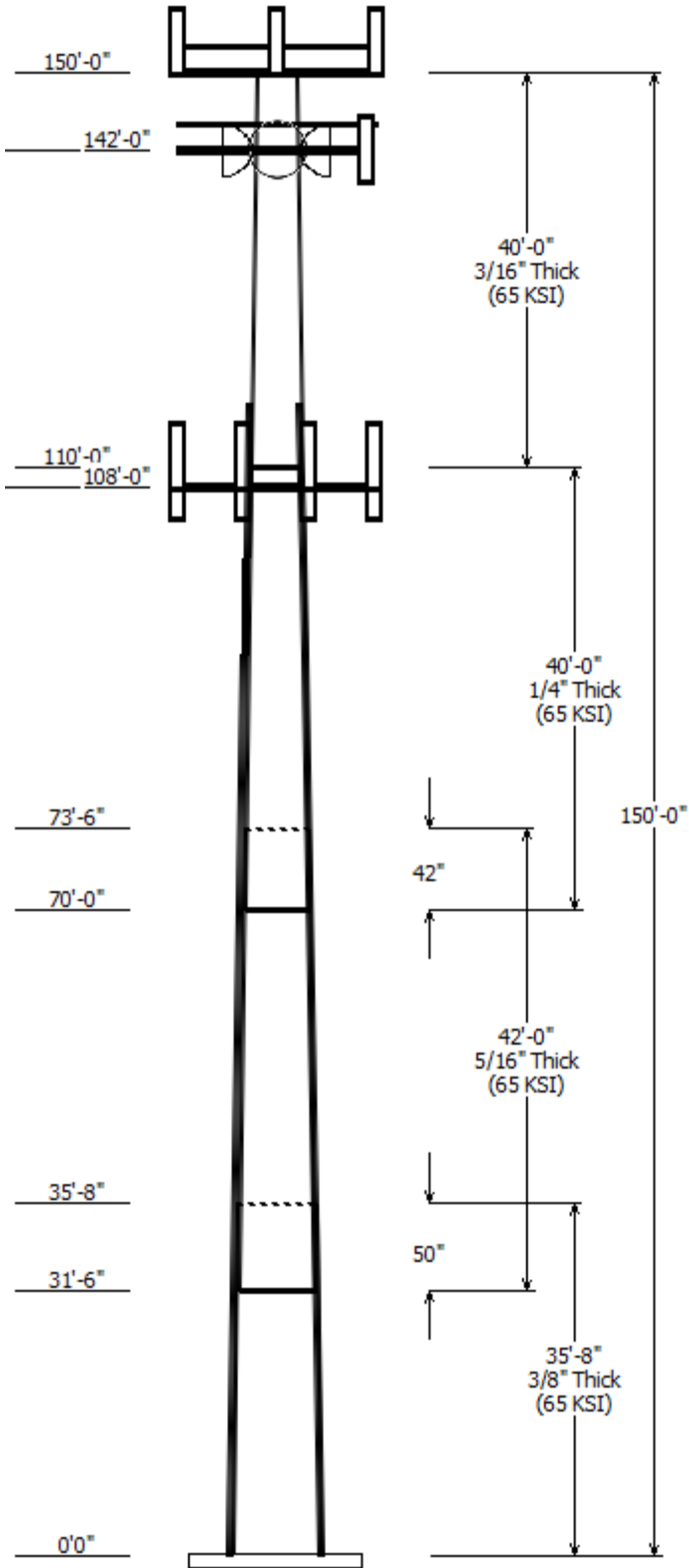


Job Information	
Client : VERIZON WIRELESS	Code: ANSI/TIA-222-H
Pole : 302482	
Location : North Haven CT 1, CT	
Description : 150' ITT Meyer Type B Monopole	Risk Category : II
Shape : 12 Sides	Exposure : B
Height : 150.00 (ft)	Topo Method : Method 1
Base Elev (ft): 0.00	Topographic Category : 1
Taper: 0.156667(in/ft)	

Sections Properties							
Shaft Section	Length (ft)	Diameter (in)		Thick (in)	Joint Type	Overlap Length (in)	Steel Grade
		Across Top	Across Bottom				
1	35.667	31.78	37.37	0.375		0.000	12 Sides 65
2	42.000	26.48	33.06	0.313	Slip Joint	50.000	12 Sides 65
3	40.000	21.26	27.53	0.250	Slip Joint	42.000	12 Sides 65
4	40.000	15.00	21.26	0.188	Butt Joint	0.000	12 Sides 65

Discrete Appurtenance			
Attach Elev (ft)	Force Elev (ft)	Qty	Description
150.000	153.000	3	CCI DMP65R-BU6DA
150.000	153.000	3	CCI OPA-65R-LCUU-H6
150.000	153.000	3	Quintel QS66512-2
150.000	153.000	3	Ericsson RRUS 32 B30
150.000	153.000	3	Ericsson RRUS 4449 B5, B12
150.000	153.000	3	Ericsson RRUS 4478 B14
150.000	153.000	3	Ericsson RRUS 8843 B2, B66A
150.000	153.000	3	Raycap DC6-48-60-18-8F
150.000	153.000	6	Powerwave Allgon LGP21401
150.000	153.000	6	Kathrein Scala 782-10250
150.000	153.000	6	Kaelus DBC0061F1V51-2
150.000	153.000	6	Powerwave Allgon 7020.00
150.000	150.000	1	Round Platform w/ Handrails
142.000	142.000	1	Platform with Handrails RMQP-
142.000	142.000	1	DragonWave A-ANT-11G-2.5-C
142.000	142.000	3	RFS APXVTM14-ALU-I20
142.000	142.000	1	DragonWave A-ANT-11G-2-C
142.000	142.000	3	Commscope NNVV-65B-R4
142.000	142.000	3	Generic RRU (Model TBD)
142.000	142.000	3	Alcatel-Lucent TD-RRH8x20-25
142.000	142.000	3	Alcatel-Lucent 1900 MHz 4X45
142.000	142.000	6	Alcatel-Lucent RRH2x50-08
142.000	142.000	1	DragonWave A-ANT-23G-1-C
142.000	142.000	3	DragonWave Horizon Compact
108.000	108.000	1	Round Low Profile Platform
108.000	109.000	6	Commscope JAHH-65B-R3B
108.000	109.000	3	Commscope LNX-6514DS-VTM
108.000	109.000	2	RFS DB-T1-6Z-8AB-0Z
108.000	108.000	3	Samsung MT6407-77A
108.000	108.000	3	Samsung B2/B66A RRH-BR049
108.000	108.000	3	Samsung B5/B13 RRH-BR04C
108.000	108.000	3	Samsung RT4401-48A
108.000	108.000	3	Samsung Outdoor CBRS 20W
108.000	108.000	3	Commscope CBC78T-DS-43-2X

Linear Appurtenance			
From Elev (ft)	To Elev (ft)	Description	Exposed To Wind
101.0	121.0	#20 All Thread Bar	Yes
101.0	121.0	#20 All Thread Bar	Yes
101.0	121.0	#20 All Thread Bar	Yes



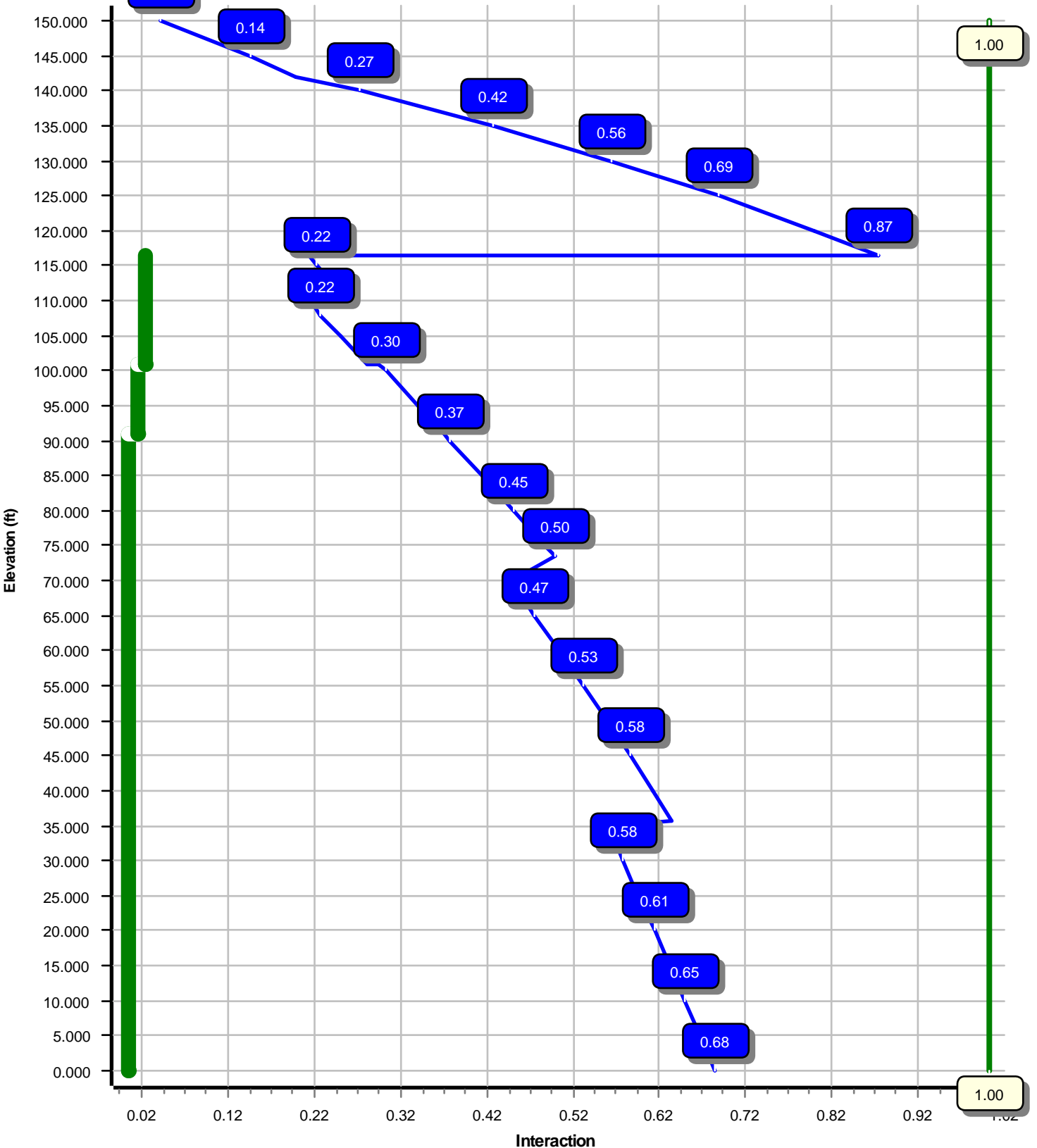
101.0	121.0	W5 Brackets for	Yes
101.0	121.0	W5 Brackets for	Yes
101.0	121.0	W5 Brackets for	Yes
5.000	142.0	1 1/4" Hybriflex	No
5.000	142.0	1/2" Coax	Yes
5.000	142.0	2" conduit	Yes
5.000	108.0	1 5/8" Hybriflex	No
0.000	101.0	#20 w/ Angle	Yes
0.000	101.0	#20 w/ Angle	Yes
0.000	101.0	#20 w/ Angle	Yes
0.000	101.0	#20 w/ Angle	Yes
0.000	108.0	1 5/8" Coax	No
0.000	153.0	0.39" (10mm)	No
0.000	153.0	0.78" (19.7mm) 8	Yes
0.000	153.0	0.78" (19.7mm) 8	No
0.000	153.0	1 1/4" Coax	No
0.000	153.0	1 1/4" Coax	Yes
0.000	153.0	2" conduit	No

Load Cases	
1.2D + 1.0W	117 mph with No Ice
0.9D + 1.0W	117 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	49 mph with 0.85 in Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	Serviceability 60 mph

Reactions			
Load Case	Moment (kip-ft)	Shear (kip)	Axial (kip)
1.2D + 1.0W	2578.39	24.98	46.12
0.9D + 1.0W	2524.91	24.95	34.58
1.2D + 1.0Di + 1.0Wi	549.51	4.78	58.77
1.2D + 1.0Ev + 1.0Eh	153.18	1.16	46.25
0.9D - 1.0Ev + 1.0Eh	148.93	1.16	31.85
1.0D + 1.0W	599.88	5.88	38.49

Dish Deflections			
Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
1.0D + 1.0W	142.00	27.034	1.853
1.0D + 1.0W	142.00	27.034	1.853
1.0D + 1.0W	142.00	27.034	1.853

Load Case : 1.2D + 1.0W  
Max Ratio 87.20% at 116.4 ft



Site Number: 302482

Code: ANSI/TIA-222-H

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Site Name: North Haven CT 1, CT

Engineering Number: 13669395\_C3\_01

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Customer: VERIZON WIRELESS

Analysis Parameters

Location :	New Haven County, CT	Height (ft) :	150
Code :	ANSI/TIA-222-H	Base Diameter (in) :	37.38
Shape :	12 Sides	Top Diameter (in) :	15.00
Pole Type :	Taper	Taper (in/ft) :	0.157
Pole Manufacturer :	ITT Meyer	Rotation (deg) :	0.00
Kd (non-service) :	0.95	Ke :	1.00

Ice & Wind Parameters

Exposure Category:	B	Design Wind Speed Without Ice:	117 mph
Risk Category:	II	Design Wind Speed With Ice:	49 mph
Topographic Factor Procedure:	Method 1	Operational Wind Speed:	60 mph
Topographic Category:	1	Design Ice Thickness:	0.85 in
Crest Height:	0 ft	HMSL:	18.00 ft

Seismic Parameters

Analysis Method:	Equivalent Lateral Force Method		
Site Class:	D - Stiff Soil		
Period Based on Rayleigh Method (sec):	3.17		
T <sub>L</sub> (sec):	6	p:	1
S <sub>s</sub> :	0.204	S <sub>1</sub> :	0.054
F <sub>a</sub> :	1.600	F <sub>v</sub> :	2.400
S <sub>ds</sub> :	0.218	S <sub>d1</sub> :	0.086
		C <sub>s</sub> :	0.030
		C <sub>s</sub> Max:	0.030
		C <sub>s</sub> Min:	0.030

Load Cases

1.2D + 1.0W	117 mph with No Ice
0.9D + 1.0W	117 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	49 mph with 0.85 in Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	Serviceability 60 mph

Site Number: 302482

Code: ANSI/TIA-222-H

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Site Name: North Haven CT 1, CT

Engineering Number: 13669395\_C3\_01

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Customer: VERIZON WIRELESS

**Shaft Section Properties**

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Joint Len (in)	Weight (lb)	Bottom						Top						
							Dia (in)	Elev (ft)	Area (in <sup>2</sup> )	Ix (in <sup>4</sup> )	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (in <sup>2</sup> )	Ix (in <sup>4</sup> )	W/t Ratio	D/t Ratio	Taper (in/ft)
1-12	35.667	0.3750	65		0.00	5,013	37.37	0.00	44.68	7806.9	24.03	99.67	31.78	35.67	37.93	4777.2	20.03	84.77	0.156667
2-12	42.000	0.3125	65	Slip	50.00	4,237	33.06	31.50	32.96	4512.6	25.67	105.81	26.48	73.50	26.34	2302.6	20.03	84.75	0.156667
3-12	40.000	0.2500	65	Slip	42.00	2,646	27.53	70.00	21.96	2086.8	26.83	110.13	21.26	110.00	16.92	953.8	20.11	85.07	0.156667
4-12	40.000	0.1875	65	Butt	0.00	1,475	21.26	110.00	12.73	721.8	27.71	113.42	15.00	150.00	8.94	250.5	18.76	80.00	0.156667
Shaft Weight						13,371													

**Discrete Appurtenance Properties**

Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	Weight (lb)	No Ice EPAa (sf)	Orientation Factor	Weight (lb)	Ice EPAa (sf)	Orientation Factor
150.00	Powerwave Allgon 7020.00 Dual	6	0.75	3.000	2.20	0.339	0.50	7.99	0.571	0.50
150.00	Kaelus DBC0061F1V51-2	6	0.75	3.000	25.50	0.433	0.50	35.97	0.688	0.50
150.00	Kathrein Scala 782-10250	6	0.75	3.000	6.40	0.449	0.50	13.63	0.727	0.50
150.00	Powerwave Allgon LGP21401	6	0.75	3.000	14.10	1.104	0.50	28.24	1.509	0.50
150.00	Raycap DC6-48-60-18-8F	3	0.75	3.000	20.00	1.260	0.50	49.85	1.633	0.50
150.00	Ericsson RRUS 8843 B2, B66A	3	0.75	3.000	72.00	1.639	0.50	106.75	2.118	0.50
150.00	Ericsson RRUS 4478 B14	3	0.75	3.000	59.90	1.842	0.50	91.24	2.350	0.50
150.00	Ericsson RRUS 4449 B5, B12	3	0.75	3.000	71.00	1.969	0.50	107.54	2.498	0.50
150.00	Ericsson RRUS 32 B30	3	0.75	3.000	60.00	2.743	0.67	101.70	3.406	0.67
150.00	Quintel QS66512-2	3	0.75	3.000	111.00	8.133	0.74	223.97	9.713	0.74
150.00	CCI OPA-65R-LCUU-H6	3	0.75	3.000	73.00	9.658	0.66	188.37	11.229	0.66
150.00	CCI DMP65R-BU6DA	3	0.75	3.000	79.40	12.709	0.63	225.43	14.290	0.63
150.00	Round Platform w/ Handrails	1	1.00	0.000	2,000.00	27.200	1.00	2,734.55	41.057	1.00
142.00	DragonWave Horizon Compact	3	0.75	0.000	10.60	0.721	0.50	23.29	1.042	0.50
142.00	DragonWave A-ANT-23G-1-C	1	0.75	0.000	15.00	1.610	1.00	34.94	2.037	1.00
142.00	Alcatel-Lucent RRH2x50-08	6	0.75	0.000	52.90	1.701	0.50	86.34	2.188	0.50
142.00	Alcatel-Lucent 1900 MHz 4X45	3	0.75	0.000	60.00	2.322	0.67	105.48	2.932	0.67
142.00	Alcatel-Lucent TD-RRH8x20-25	3	0.75	0.000	70.00	4.046	0.61	123.33	4.795	0.61
142.00	Generic RRU (Model TBD)	3	0.75	0.000	55.00	4.563	0.59	115.50	5.347	0.59
142.00	DragonWave A-ANT-11G-2-C	1	0.75	0.000	27.00	4.688	1.00	82.00	5.407	1.00
142.00	RFS APXVTM14-ALU-I20	3	0.75	0.000	56.20	6.342	0.66	133.91	7.571	0.66
142.00	DragonWave A-ANT-11G-2.5-C	1	0.75	0.000	47.60	8.670	1.00	147.59	9.645	1.00
142.00	Commscope NNVV-65B-R4	3	0.75	0.000	77.40	12.271	0.64	219.20	13.853	0.64
142.00	Platform with Handrails RMQP-	1	1.00	0.000	2,448.70	27.200	1.00	3,344.00	40.995	1.00
108.00	Commscope CBC78T-DS-43-2X	3	0.80	0.000	20.70	0.552	0.50	32.82	0.831	0.50
108.00	Samsung Outdoor CBRS 20W	3	0.80	0.000	4.40	0.892	0.50	14.28	1.243	0.50
108.00	Samsung RT4401-48A	3	0.80	0.000	18.60	0.996	0.50	33.42	1.371	0.50
108.00	Samsung B5/B13 RRH-BR04C	3	0.80	0.000	70.30	1.875	0.50	101.69	2.370	0.50
108.00	Samsung B2/B66A RRH-BR049	3	0.80	0.000	84.40	1.875	0.50	119.41	2.370	0.50
108.00	Samsung MT6407-77A	3	0.80	0.000	81.60	4.709	0.61	137.53	5.542	0.61
108.00	RFS DB-T1-6Z-8AB-OZ	2	0.80	1.000	44.00	4.800	0.72	113.06	5.580	0.72
108.00	Commscope LNX-6514DS-VTM	3	0.80	1.000	38.80	8.173	0.69	135.34	9.719	0.69
108.00	Commscope JAHH-65B-R3B	6	0.80	1.000	60.60	9.113	0.69	171.61	10.635	0.69
108.00	Round Low Profile Platform	1	1.00	0.000	1,500.00	21.700	1.00	1,855.50	32.235	1.00
Totals	Num Loadings:34	107			10,679.40			17,657.53		

**Linear Appurtenance Properties**

Load Case Azimuth (deg) : 0

Elev From (ft)	Elev To (ft)	Qty	Description	Coax Dia (in)	Coax Wt (lb/ft)	Max Coax / Row	Dist Between Rows (in)	Dist Between Cols (in)	Azimuth (deg)	Dist From Face (in)	Exposed To Wind Carrier
0.00	153.00	2	0.39" (10mm) Fiber	0.39	0.06	N	0	0.00	0.00	0	N AT&T MOBILITY
0.00	153.00	4	0.78" (19.7mm) 8 AWG	0.78	0.59	N	2	0.00	0.00	0	Y AT&T MOBILITY
0.00	153.00	2	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0.00	0.00	0	N AT&T MOBILITY

Site Number: 302482

Code: ANSI/TIA-222-H

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Site Name: North Haven CT 1, CT

Engineering Number: 13669395\_C3\_01

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Customer: VERIZON WIRELESS

0.00	153.00	7	1 1/4" Coax	1.55	0.63	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	153.00	5	1 1/4" Coax	1.55	0.63	N	5	0.00	0.00	350	0.00	Y	AT&T MOBILITY
0.00	153.00	2	2" conduit	2.38	3.65	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
5.00	142.00	4	1 1/4" Hybriflex Cable	1.54	1.00	N	0	0.00	0.00	0	0.00	N	CLEARWIRE
5.00	142.00	3	1/2" Coax	0.63	0.15	N	3	0.00	0.00	90	0.00	Y	CLEARWIRE
5.00	142.00	1	2" conduit	2.38	3.65	N	1	0.00	0.00	90	0.00	Y	CLEARWIRE
101.00	121.00	1	#20 All Thread Bar	2.50	0.00	N	1	0.00	0.00	90	0.00	Y	-
101.00	121.00	1	#20 All Thread Bar	2.50	0.00	N	1	0.00	0.00	330	0.00	Y	-
101.00	121.00	1	#20 All Thread Bar	2.50	0.00	N	1	0.00	0.00	210	0.00	Y	-
101.00	121.00	1	W5 Brackets for #20	1.55	5.70	Y	1	0.00	0.00	90	0.00	Y	-
101.00	121.00	1	W5 Brackets for #20	1.55	5.70	Y	1	0.00	0.00	330	0.00	Y	-
101.00	121.00	1	W5 Brackets for #20	1.55	5.70	Y	1	0.00	0.00	210	0.00	Y	-
0.00	108.00	6	1 5/8" Coax	1.98	0.82	N	0	0.00	0.00	0	0.00	N	VERIZON WIRELESS
5.00	108.00	2	1 5/8" Hybriflex	1.98	1.30	N	0	0.00	0.00	0	0.00	N	VERIZON WIRELESS
0.00	101.00	1	#20 w/ Angle Brackets	4.00	4.68	N	1	0.00	0.00	90	0.00	Y	-
0.00	101.00	1	#20 w/ Angle Brackets	4.00	4.68	N	1	0.00	0.00	270	0.00	Y	-
0.00	101.00	1	#20 w/ Angle Brackets	4.00	4.68	N	1	0.00	0.00	180	0.00	Y	-
0.00	101.00	1	#20 w/ Angle Brackets	4.00	4.68	N	1	0.00	0.00	0	0.00	Y	-

Additional Steel

Elev From (ft)	Elev To (ft)	Qty	Description	Fy (ksi)	Offset (in)	Intermediate Connections		Connectors	Continuation?	
					Description	Spacing (in)	Len (in)			
0.00	91.00	4	SOL #20 All Thread	80	2.19	6" Angle Bracket	30.0	3.31	5/8" A36 U-Bolt	No
91.00	101.0	4	SOL #20 All Thread	80	2.19	6" Angle Bracket	18.0	3.31	5/8" A36 U-Bolt	Yes
101.0	116.4	3	SOL #20 All Thread	80	5.15	6" T Bracket	30.0	3.31	5/8" A36 U-Bolt	No

**Segment Properties** (Max Len : 5. ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in <sup>2</sup> )	Ix (in <sup>4</sup> )	W/t Ratio	D/t Ratio	F'y (ksi)	S (in <sup>3</sup> )	Z (in <sup>3</sup> )	Weight (lb)	Additional Reinforcing		
												Area (in <sup>2</sup> )	Ix (in <sup>4</sup> )	Weight (lb)
0.00		0.3750	37.375	44.678	7,806.9	24.03	99.67	78.5	403.5	0.0	0.0	19.64	4,815	0.0
5.00		0.3750	36.592	43.732	7,321.5	23.47	97.58	79.1	386.5	0.0	752.1	19.64	4,647	334.0
10.00		0.3750	35.808	42.786	6,856.6	22.91	95.49	79.7	369.9	0.0	736.0	19.64	4,481	334.0
15.00		0.3750	35.025	41.840	6,411.8	22.35	93.40	80.3	353.7	0.0	719.9	19.64	4,318	334.0
20.00		0.3750	34.242	40.894	5,986.7	21.79	91.31	81.0	337.8	0.0	703.8	19.64	4,159	334.0
25.00		0.3750	33.458	39.948	5,580.9	21.23	89.22	81.6	322.2	0.0	687.7	19.64	4,002	334.0
30.00		0.3750	32.675	39.002	5,193.7	20.67	87.13	81.9	307.1	0.0	671.6	19.64	3,848	334.0
31.50	Bot - Section 2	0.3750	32.440	38.718	5,081.2	20.50	86.51	81.9	302.6	0.0	198.4	19.64	3,803	100.2
35.00		0.3750	31.892	38.056	4,825.0	20.11	85.04	81.9	292.3	0.0	846.4	19.64	3,818	233.8
35.67	Top - Section 1	0.3125	32.412	32.300	4,248.1	25.11	103.72	77.3	253.2	0.0	159.6	19.64	3,797	44.5
40.00		0.3125	31.733	31.617	3,984.2	24.53	101.55	78.0	242.6	0.0	471.2	19.64	3,668	289.5
45.00		0.3125	30.950	30.829	3,693.6	23.86	99.04	78.7	230.5	0.0	531.2	19.64	3,521	334.0
50.00		0.3125	30.167	30.041	3,417.5	23.19	96.53	79.4	218.9	0.0	517.8	19.64	3,377	334.0
55.00		0.3125	29.383	29.253	3,155.5	22.51	94.03	80.2	207.5	0.0	504.4	19.64	3,236	334.0
60.00		0.3125	28.600	28.464	2,907.2	21.84	91.52	80.9	196.4	0.0	491.0	19.64	3,098	334.0
65.00		0.3125	27.817	27.676	2,672.3	21.17	89.01	81.6	185.6	0.0	477.6	19.64	2,963	334.0
70.00	Bot - Section 3	0.3125	27.033	26.888	2,450.4	20.50	86.51	81.9	175.1	0.0	464.2	19.64	2,831	334.0
73.50	Top - Section 2	0.2500	26.985	21.522	1,963.5	26.24	107.94	76.1	140.6	0.0	575.9	19.64	2,823	233.8
75.00		0.2500	26.750	21.333	1,912.1	25.99	107.00	76.4	138.1	0.0	109.4	19.64	2,784	100.2
80.00		0.2500	25.967	20.702	1,747.5	25.15	103.87	77.3	130.0	0.0	357.6	19.64	2,656	334.0
85.00		0.2500	25.183	20.071	1,592.7	24.31	100.73	78.2	122.2	0.0	346.9	19.64	2,531	334.0
90.00		0.2500	24.400	19.441	1,447.2	23.47	97.60	79.1	114.6	0.0	336.1	19.64	2,409	334.0
91.00	Reinf. Top Reinf	0.2500	24.243	19.315	1,419.2	23.30	96.97	79.3	113.1	0.0	65.9	19.64	2,385	66.8
95.00		0.2500	23.617	18.810	1,310.9	22.63	94.47	80.0	107.2	0.0	259.5	19.64	2,290	267.2
100.0		0.2500	22.833	18.180	1,183.4	21.79	91.33	80.9	100.1	0.0	314.7	19.64	2,175	334.0
101.0	Reinf. Top Reinf	0.2500	22.677	18.053	1,159.0	21.63	90.71	81.1	98.7	0.0	61.6	19.64	2,152	66.8
105.0		0.2500	22.050	17.549	1,064.5	20.95	88.20	81.9	93.3	0.0	242.3	14.73	2,242	200.4
108.0		0.2500	21.580	17.171	997.1	20.45	86.32	81.9	89.3	0.0	177.2	14.73	2,182	150.3
110.0	Top - Section 3	0.2500	21.267	16.918	953.8	20.11	85.07	81.9	86.6	0.0	116.0	14.73	2,142	100.2
110.0	Bot - Section 4	0.1875	21.267	12.727	721.8	27.71	113.42	74.5	65.6	0.0		14.73	2,142	
115.0		0.1875	20.483	12.254	644.3	26.59	109.24	75.7	60.8	0.0	212.5	14.73	2,045	250.5
116.4	Reinf. Top	0.1875	20.261	12.120	623.4	26.28	108.06	76.1	59.4	0.0	58.7	14.73	2,018	71.0
120.0		0.1875	19.700	11.781	572.5	25.47	105.07	76.9	56.1	0.0	145.7			
125.0		0.1875	18.917	11.308	506.3	24.35	100.89	78.2	51.7	0.0	196.4			
130.0		0.1875	18.133	10.835	445.4	23.23	96.71	79.4	47.4	0.0	188.4			
135.0		0.1875	17.350	10.362	389.6	22.11	92.53	80.6	43.4	0.0	180.3			
140.0		0.1875	16.567	9.889	338.6	21.00	88.36	81.8	39.5	0.0	172.3			
142.0		0.1875	16.253	9.700	319.6	20.55	86.68	81.9	38.0	0.0	66.7			
145.0		0.1875	15.783	9.416	292.3	19.88	84.18	81.9	35.8	0.0	97.6			
150.0		0.1875	15.000	8.943	250.5	18.76	80.00	81.9	32.3	0.0	156.2			
											13,370.7			
												7,519.1		



<b>Load Case:</b> 1.2D + 1.0W	117 mph with No Ice	27 Iterations
Gust Response Factor :1.10		
Dead Load Factor :1.20		
Wind Load Factor :1.00		

Applied Segment Forces Summary

Seg Elev (ft)	Description	Shaft Forces		Discrete Forces			Linear Forces		Sum of Forces				
		Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Torsion MY (lb-ft)	Moment MZ (lb)
0.00		245.1	0.0					0.0	0.0	245.1	0.0	0.0	0.0
5.00		484.9	902.5					102.4	653.8	587.3	1,556.3	0.0	0.0
10.00		474.5	883.2					102.4	718.0	576.9	1,601.2	0.0	0.0
15.00		464.2	863.9					102.4	718.0	566.6	1,581.8	0.0	0.0
20.00		453.8	844.6					102.4	718.0	556.2	1,562.5	0.0	0.0
25.00		443.4	825.3					102.4	718.0	545.8	1,543.2	0.0	0.0
30.00		284.3	806.0					102.4	718.0	386.7	1,523.9	0.0	0.0
31.50	Bot - Section 2	222.0	238.0					31.0	215.4	253.0	453.4	0.0	0.0
35.00		186.8	1,015.7					73.9	502.6	260.7	1,518.3	0.0	0.0
35.67	Top - Section 1	227.0	191.5					14.3	95.7	241.4	287.2	0.0	0.0
40.00		426.6	565.5					94.9	622.2	521.5	1,187.7	0.0	0.0
45.00		460.7	637.5					113.2	718.0	573.9	1,355.4	0.0	0.0
50.00		462.8	621.4					116.9	718.0	579.6	1,339.3	0.0	0.0
55.00		463.2	605.3					120.3	718.0	583.5	1,323.2	0.0	0.0
60.00		462.2	589.2					123.4	718.0	585.7	1,307.2	0.0	0.0
65.00		460.0	573.1					126.4	718.0	586.4	1,291.1	0.0	0.0
70.00	Bot - Section 3	391.6	557.0					129.2	718.0	520.8	1,275.0	0.0	0.0
73.50	Top - Section 2	231.6	691.1					92.0	502.6	323.6	1,193.6	0.0	0.0
75.00		298.5	131.2					39.8	215.4	338.3	346.6	0.0	0.0
80.00		455.7	429.1					134.4	718.0	590.1	1,147.1	0.0	0.0
85.00		449.7	416.2					136.8	718.0	586.5	1,134.2	0.0	0.0
90.00		267.5	403.4					139.2	718.0	406.6	1,121.3	0.0	0.0
91.00	Reinf. Top Reinf	219.6	79.1					28.1	143.6	247.7	222.7	0.0	0.0
95.00		391.1	311.4					113.3	574.4	504.4	885.7	0.0	0.0
100.00		258.3	377.6					143.5	718.0	401.8	1,095.6	0.0	0.0
101.00	Reinf. Top Reinf	182.7	74.0					29.0	143.6	211.7	217.6	0.0	0.0
105.00		245.2	290.8					0.0	486.4	245.2	777.2	0.0	0.0
108.00	Appurtenance(s)	175.2	212.7	3,155.1	0.0	1,824.3	3,489.6	0.0	364.8	3,330.3	4,067.1	0.0	0.0
110.00	Top - Section 3	245.4	139.2					0.0	225.2	245.4	364.4	0.0	0.0
115.00		224.9	255.0					0.0	562.9	224.9	817.9	0.0	0.0
116.42	Reinf. Top	175.2	70.5					0.0	159.5	175.2	230.0	0.0	0.0
120.00		300.8	174.9					0.0	188.0	300.8	362.8	0.0	0.0
125.00		344.2	235.7					0.0	180.2	344.2	415.9	0.0	0.0
130.00		337.9	226.0					0.0	159.7	337.9	385.8	0.0	0.0
135.00		337.2	216.4					0.0	159.7	337.2	376.1	0.0	0.0
140.00		235.8	206.7					0.0	159.7	235.8	366.4	0.0	0.0
142.00	Appurtenance(s)	146.2	80.0	3,406.4	0.0	0.0	4,612.0	0.0	63.9	3,552.6	4,755.8	0.0	0.0
145.00		206.3	117.1					0.0	66.7	206.3	183.8	0.0	0.0
150.00	Appurtenance(s)	127.4	187.4	3,667.4	0.0	7,690.6	4,713.7	0.0	111.1	3,794.7	5,012.3	0.0	0.0
<b>Totals:</b>										25,112.4	46,186.5	0.00	0.00

**Load Case: 1.2D + 1.0W**

117 mph with No Ice

27 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	-46.12	-24.98	0.00	-2,578.39	0.00	2,578.39	3,156.90	784.09	2,737.03	2,376.08	0.00	0.00	0.682
5.00	-44.45	-24.61	0.00	-2,453.47	0.00	2,453.47	3,114.09	767.49	2,622.41	2,293.74	0.15	-0.28	0.665
10.00	-42.73	-24.24	0.00	-2,330.41	0.00	2,330.41	3,070.24	750.89	2,510.23	2,212.03	0.60	-0.57	0.648
15.00	-41.04	-23.85	0.00	-2,209.23	0.00	2,209.23	3,025.35	734.29	2,400.51	2,131.00	1.35	-0.85	0.630
20.00	-39.37	-23.47	0.00	-2,089.96	0.00	2,089.96	2,979.43	717.69	2,293.24	2,050.69	2.39	-1.14	0.611
25.00	-37.72	-23.08	0.00	-1,972.62	0.00	1,972.62	2,932.46	701.09	2,188.42	1,971.17	3.74	-1.42	0.592
30.00	-36.14	-22.76	0.00	-1,857.25	0.00	1,857.25	2,874.86	684.49	2,086.05	1,886.18	5.38	-1.71	0.575
31.50	-35.64	-22.59	0.00	-1,823.10	0.00	1,823.10	2,853.94	679.51	2,055.82	1,858.68	5.93	-1.79	0.570
35.00	-34.08	-22.35	0.00	-1,744.05	0.00	1,744.05	2,805.14	667.89	1,986.14	1,795.29	7.32	-1.99	0.551
35.67	-33.75	-22.18	0.00	-1,729.16	0.00	1,729.16	2,247.90	566.87	1,716.67	1,468.42	7.60	-2.03	0.633
40.00	-32.48	-21.76	0.00	-1,633.06	0.00	1,633.06	2,218.43	554.88	1,644.85	1,418.22	9.56	-2.27	0.610
45.00	-31.04	-21.29	0.00	-1,524.24	0.00	1,524.24	2,183.45	541.05	1,563.88	1,360.71	12.10	-2.57	0.584
50.00	-29.63	-20.80	0.00	-1,417.78	0.00	1,417.78	2,147.43	527.22	1,484.96	1,303.70	14.94	-2.86	0.557
55.00	-28.24	-20.29	0.00	-1,313.79	0.00	1,313.79	2,110.37	513.38	1,408.08	1,247.24	18.08	-3.14	0.530
60.00	-26.87	-19.76	0.00	-1,212.36	0.00	1,212.36	2,072.27	499.55	1,333.25	1,191.37	21.52	-3.42	0.502
65.00	-25.53	-19.21	0.00	-1,113.57	0.00	1,113.57	2,033.13	485.71	1,260.46	1,136.15	25.26	-3.70	0.474
70.00	-24.21	-18.70	0.00	-1,017.50	0.00	1,017.50	1,981.90	471.88	1,189.71	1,075.63	29.27	-3.97	0.448
73.50	-23.01	-18.35	0.00	-952.04	0.00	952.04	1,473.88	377.71	952.63	802.19	32.25	-4.15	0.497
75.00	-22.63	-18.06	0.00	-924.52	0.00	924.52	1,466.20	374.39	935.96	790.93	33.57	-4.23	0.486
80.00	-21.45	-17.48	0.00	-834.24	0.00	834.24	1,439.92	363.32	881.46	753.58	38.14	-4.50	0.449
85.00	-20.29	-16.89	0.00	-746.85	0.00	746.85	1,412.60	352.25	828.60	716.55	42.98	-4.75	0.412
90.00	-19.17	-16.44	0.00	-662.40	0.00	662.40	1,384.24	341.19	777.37	679.88	48.09	-5.00	0.375
91.00	-18.94	-16.21	0.00	-645.96	0.00	645.96	1,378.45	338.97	767.32	672.60	49.14	-5.04	0.367
91.00	-18.94	-16.21	0.00	-645.96	0.00	645.96	1,378.45	338.97	767.32	672.60	49.14	-5.04	0.367
95.00	-18.05	-15.69	0.00	-581.12	0.00	581.12	1,354.85	330.12	727.77	643.64	53.44	-5.23	0.337
100.00	-16.96	-15.23	0.00	-502.66	0.00	502.66	1,324.41	319.05	679.81	607.87	59.03	-5.44	0.300
101.00	-16.74	-15.03	0.00	-487.43	0.00	487.43	1,318.20	316.84	670.42	600.77	60.17	-5.48	0.292
101.00	-16.74	-15.03	0.00	-487.43	0.00	487.43	1,318.20	316.84	670.42	600.77	60.17	-5.48	0.279
105.00	-15.95	-14.74	0.00	-427.33	0.00	427.33	1,292.93	307.98	633.49	572.61	64.83	-5.64	0.249
108.00	-12.22	-11.04	0.00	-381.29	0.00	381.29	1,265.65	301.34	606.48	548.30	68.40	-5.75	0.225
110.00	-11.86	-10.78	0.00	-359.20	0.00	359.20	1,247.06	296.92	588.80	532.22	70.82	-5.81	0.214
110.00	-11.86	-10.78	0.00	-359.20	0.00	359.20	853.21	223.35	444.14	366.30	70.82	-5.81	0.256
115.00	-11.05	-10.50	0.00	-305.28	0.00	305.28	834.97	215.05	411.75	345.03	76.98	-5.97	0.220
116.42	-10.83	-10.31	0.00	-290.41	0.00	290.41	829.61	212.70	402.80	339.04	78.76	-6.01	0.210
116.42	-10.83	-10.31	0.00	-290.41	0.00	290.41	829.61	212.70	402.80	339.04	78.76	-6.01	0.872
120.00	-10.44	-10.04	0.00	-253.46	0.00	253.46	815.69	206.75	380.59	323.94	83.30	-6.11	0.798
125.00	-9.97	-9.74	0.00	-203.28	0.00	203.28	795.37	198.45	350.65	303.07	90.00	-6.68	0.686
130.00	-9.56	-9.44	0.00	-154.57	0.00	154.57	774.01	190.15	321.95	282.47	97.26	-7.18	0.562
135.00	-9.17	-9.11	0.00	-107.38	0.00	107.38	751.61	181.85	294.46	262.20	105.00	-7.60	0.424
140.00	-8.81	-8.86	0.00	-61.81	0.00	61.81	728.17	173.55	268.21	242.30	113.11	-7.91	0.270
142.00	-4.58	-4.69	0.00	-44.10	0.00	44.10	714.97	170.23	258.05	233.31	116.44	-8.00	0.196
145.00	-4.42	-4.47	0.00	-30.03	0.00	30.03	694.05	165.25	243.18	219.78	121.48	-8.10	0.144
150.00	0.00	-3.79	0.00	-7.69	0.00	7.69	659.19	156.95	219.37	198.13	129.99	-8.19	0.039

<b>Load Case:</b> 0.9D + 1.0W	117 mph with No Ice (Reduced DL)	27 Iterations
Gust Response Factor :1.10		
Dead Load Factor :0.90		
Wind Load Factor :1.00		

**Applied Segment Forces Summary**

Seg Elev (ft)	Description	Shaft Forces		Discrete Forces			Linear Forces		Sum of Forces				
		Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Torsion MY (lb-ft)	Moment MZ (lb)
0.00		245.1	0.0					0.0	0.0	245.1	0.0	0.0	0.0
5.00		484.9	676.9					102.4	490.3	587.3	1,167.2	0.0	0.0
10.00		474.5	662.4					102.4	538.5	576.9	1,200.9	0.0	0.0
15.00		464.2	647.9					102.4	538.5	566.6	1,186.4	0.0	0.0
20.00		453.8	633.4					102.4	538.5	556.2	1,171.9	0.0	0.0
25.00		443.4	618.9					102.4	538.5	545.8	1,157.4	0.0	0.0
30.00		284.3	604.5					102.4	538.5	386.7	1,142.9	0.0	0.0
31.50	Bot - Section 2	222.0	178.5					31.0	161.5	253.0	340.1	0.0	0.0
35.00		186.8	761.8					73.9	376.9	260.7	1,138.7	0.0	0.0
35.67	Top - Section 1	227.0	143.6					14.3	71.8	241.4	215.4	0.0	0.0
40.00		426.6	424.1					94.9	466.7	521.5	890.8	0.0	0.0
45.00		460.7	478.1					113.2	538.5	573.9	1,016.6	0.0	0.0
50.00		462.8	466.0					116.9	538.5	579.6	1,004.5	0.0	0.0
55.00		463.2	454.0					120.3	538.5	583.5	992.4	0.0	0.0
60.00		462.2	441.9					123.4	538.5	585.7	980.4	0.0	0.0
65.00		460.0	429.8					126.4	538.5	586.4	968.3	0.0	0.0
70.00	Bot - Section 3	391.6	417.8					129.2	538.5	520.8	956.2	0.0	0.0
73.50	Top - Section 2	231.6	518.3					92.0	376.9	323.6	895.2	0.0	0.0
75.00		298.5	98.4					39.8	161.5	338.3	260.0	0.0	0.0
80.00		455.7	321.8					134.4	538.5	590.1	860.3	0.0	0.0
85.00		449.7	312.2					136.8	538.5	586.5	850.6	0.0	0.0
90.00		267.5	302.5					139.2	538.5	406.6	841.0	0.0	0.0
91.00	Reinf. Top Reinf	219.6	59.3					28.1	107.7	247.7	167.0	0.0	0.0
95.00		391.1	233.5					113.3	430.8	504.4	664.3	0.0	0.0
100.00		258.3	283.2					143.5	538.5	401.8	821.7	0.0	0.0
101.00	Reinf. Top Reinf	182.7	55.5					29.0	107.7	211.7	163.2	0.0	0.0
105.00		245.2	218.1					0.0	364.8	245.2	582.9	0.0	0.0
108.00	Appurtenance(s)	175.2	159.5	3,155.1	0.0	1,824.3	2,617.2	0.0	273.6	3,330.3	3,050.3	0.0	0.0
110.00	Top - Section 3	245.4	104.4					0.0	168.9	245.4	273.3	0.0	0.0
115.00		224.9	191.3					0.0	422.2	224.9	613.4	0.0	0.0
116.42	Reinf. Top	175.2	52.9					0.0	119.6	175.2	172.5	0.0	0.0
120.00		300.8	131.1					0.0	141.0	300.8	272.1	0.0	0.0
125.00		344.2	176.8					0.0	135.2	344.2	312.0	0.0	0.0
130.00		337.9	169.5					0.0	119.8	337.9	289.3	0.0	0.0
135.00		337.2	162.3					0.0	119.8	337.2	282.1	0.0	0.0
140.00		235.8	155.0					0.0	119.8	235.8	274.8	0.0	0.0
142.00	Appurtenance(s)	146.2	60.0	3,406.4	0.0	0.0	3,459.0	0.0	47.9	3,552.6	3,566.9	0.0	0.0
145.00		206.3	87.8					0.0	50.0	206.3	137.8	0.0	0.0
150.00	Appurtenance(s)	127.4	140.6	3,667.4	0.0	7,690.6	3,535.3	0.0	83.3	3,794.7	3,759.2	0.0	0.0
<b>Totals:</b>										25,112.4	34,639.9	0.00	0.00

**Load Case: 0.9D + 1.0W**

117 mph with No Ice (Reduced DL)

27 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	-34.58	-24.95	0.00	-2,524.91	0.00	2,524.91	3,156.90	784.09	2,737.03	2,376.08	0.00	0.00	0.666
5.00	-33.29	-24.52	0.00	-2,400.15	0.00	2,400.15	3,114.09	767.49	2,622.41	2,293.74	0.15	-0.28	0.649
10.00	-31.98	-24.09	0.00	-2,277.53	0.00	2,277.53	3,070.24	750.89	2,510.23	2,212.03	0.59	-0.56	0.631
15.00	-30.69	-23.66	0.00	-2,157.06	0.00	2,157.06	3,025.35	734.29	2,400.51	2,131.00	1.32	-0.83	0.613
20.00	-29.41	-23.23	0.00	-2,038.75	0.00	2,038.75	2,979.43	717.69	2,293.24	2,050.69	2.34	-1.11	0.594
25.00	-28.16	-22.79	0.00	-1,922.60	0.00	1,922.60	2,932.46	701.09	2,188.42	1,971.17	3.66	-1.39	0.575
30.00	-26.95	-22.46	0.00	-1,808.63	0.00	1,808.63	2,874.86	684.49	2,086.05	1,886.18	5.26	-1.67	0.558
31.50	-26.57	-22.26	0.00	-1,774.94	0.00	1,774.94	2,853.94	679.51	2,055.82	1,858.68	5.80	-1.75	0.553
35.00	-25.39	-22.02	0.00	-1,697.01	0.00	1,697.01	2,805.14	667.89	1,986.14	1,795.29	7.15	-1.95	0.535
35.67	-25.13	-21.83	0.00	-1,682.33	0.00	1,682.33	2,247.90	566.87	1,716.67	1,468.42	7.43	-1.98	0.613
40.00	-24.17	-21.39	0.00	-1,587.74	0.00	1,587.74	2,218.43	554.88	1,644.85	1,418.22	9.34	-2.22	0.591
45.00	-23.07	-20.89	0.00	-1,480.81	0.00	1,480.81	2,183.45	541.05	1,563.88	1,360.71	11.81	-2.50	0.565
50.00	-22.00	-20.37	0.00	-1,376.38	0.00	1,376.38	2,147.43	527.22	1,484.96	1,303.70	14.58	-2.78	0.539
55.00	-20.94	-19.83	0.00	-1,274.55	0.00	1,274.55	2,110.37	513.38	1,408.08	1,247.24	17.65	-3.06	0.512
60.00	-19.90	-19.29	0.00	-1,175.38	0.00	1,175.38	2,072.27	499.55	1,333.25	1,191.37	21.00	-3.33	0.485
65.00	-18.89	-18.73	0.00	-1,078.93	0.00	1,078.93	2,033.13	485.71	1,260.46	1,136.15	24.64	-3.60	0.457
70.00	-17.90	-18.22	0.00	-985.27	0.00	985.27	1,981.90	471.88	1,189.71	1,075.63	28.55	-3.86	0.432
73.50	-16.99	-17.87	0.00	-921.50	0.00	921.50	1,473.88	377.71	952.63	802.19	31.44	-4.04	0.479
75.00	-16.70	-17.57	0.00	-894.70	0.00	894.70	1,466.20	374.39	935.96	790.93	32.72	-4.12	0.469
80.00	-15.81	-16.98	0.00	-806.87	0.00	806.87	1,439.92	363.32	881.46	753.58	37.17	-4.38	0.433
85.00	-14.94	-16.39	0.00	-721.96	0.00	721.96	1,412.60	352.25	828.60	716.55	41.88	-4.62	0.397
90.00	-14.10	-15.95	0.00	-639.98	0.00	639.98	1,384.24	341.19	777.37	679.88	46.85	-4.86	0.360
91.00	-13.92	-15.72	0.00	-624.03	0.00	624.03	1,378.45	338.97	767.32	672.60	47.87	-4.90	0.353
91.00	-13.92	-15.72	0.00	-624.03	0.00	624.03	1,378.45	338.97	767.32	672.60	47.87	-4.90	0.353
95.00	-13.25	-15.20	0.00	-561.15	0.00	561.15	1,354.85	330.12	727.77	643.64	52.05	-5.08	0.324
100.00	-12.44	-14.76	0.00	-485.13	0.00	485.13	1,324.41	319.05	679.81	607.87	57.48	-5.29	0.288
101.00	-12.27	-14.55	0.00	-470.37	0.00	470.37	1,318.20	316.84	670.42	600.77	58.59	-5.33	0.281
101.00	-12.27	-14.55	0.00	-470.37	0.00	470.37	1,318.20	316.84	670.42	600.77	58.59	-5.33	0.268
105.00	-11.68	-14.28	0.00	-412.17	0.00	412.17	1,292.93	307.98	633.49	572.61	63.11	-5.48	0.239
108.00	-8.95	-10.68	0.00	-367.51	0.00	367.51	1,265.65	301.34	606.48	548.30	66.59	-5.58	0.215
110.00	-8.68	-10.43	0.00	-346.14	0.00	346.14	1,247.06	296.92	588.80	532.22	68.93	-5.64	0.205
110.00	-8.68	-10.43	0.00	-346.14	0.00	346.14	853.21	223.35	444.14	366.30	68.93	-5.64	0.245
115.00	-8.08	-10.16	0.00	-294.01	0.00	294.01	834.97	215.05	411.75	345.03	74.92	-5.79	0.211
116.42	-7.91	-9.97	0.00	-279.62	0.00	279.62	829.61	212.70	402.80	339.04	76.64	-5.83	0.201
116.42	-7.91	-9.97	0.00	-279.62	0.00	279.62	829.61	212.70	402.80	339.04	76.64	-5.83	0.836
120.00	-7.62	-9.69	0.00	-243.88	0.00	243.88	815.69	206.75	380.59	323.94	81.05	-5.94	0.764
125.00	-7.26	-9.38	0.00	-195.43	0.00	195.43	795.37	198.45	350.65	303.07	87.55	-6.48	0.656
130.00	-6.94	-9.07	0.00	-148.53	0.00	148.53	774.01	190.15	321.95	282.47	94.59	-6.96	0.537
135.00	-6.65	-8.74	0.00	-103.20	0.00	103.20	751.61	181.85	294.46	262.20	102.09	-7.37	0.405
140.00	-6.38	-8.49	0.00	-59.52	0.00	59.52	728.17	173.55	268.21	242.30	109.96	-7.66	0.257
142.00	-3.32	-4.49	0.00	-42.55	0.00	42.55	714.97	170.23	258.05	233.31	113.18	-7.75	0.188
145.00	-3.20	-4.28	0.00	-29.07	0.00	29.07	694.05	165.25	243.18	219.78	118.06	-7.84	0.138
150.00	0.00	-3.79	0.00	-7.69	0.00	7.69	659.19	156.95	219.37	198.13	126.31	-7.93	0.039

<b>Load Case:</b> 1.2D + 1.0Di + 1.0Wi	49 mph with 0.85 in Radial Ice	26 Iterations
Gust Response Factor :1.10	Ice Dead Load Factor :1.00	Ice Importance Factor :1.00
Dead Load Factor :1.20		
Wind Load Factor :1.00		

**Applied Segment Forces Summary**

Seg Elev (ft)	Description	Shaft Forces		Discrete Forces			Linear Forces		Sum of Forces				
		Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Torsion MY (lb-ft)	Moment MZ (lb)
0.00		44.4	0.0					0.0	0.0	44.4	0.0	0.0	0.0
5.00		88.3	1,061.0					0.0	717.7	88.3	1,778.7	0.0	0.0
10.00		87.1	1,056.7					0.0	802.6	87.1	1,859.3	0.0	0.0
15.00		85.8	1,042.7					0.0	807.3	85.8	1,850.0	0.0	0.0
20.00		84.5	1,025.6					0.0	810.5	84.5	1,836.2	0.0	0.0
25.00		83.1	1,006.9					0.0	813.0	83.1	1,819.9	0.0	0.0
30.00		53.6	987.1					0.0	815.1	53.6	1,802.2	0.0	0.0
31.50	Bot - Section 2	42.1	292.6					0.0	244.9	42.1	537.5	0.0	0.0
35.00		35.5	1,144.4					0.0	572.0	35.5	1,716.3	0.0	0.0
35.67	Top - Section 1	43.2	216.1					0.0	109.0	43.2	325.1	0.0	0.0
40.00		81.4	723.1					0.0	709.4	81.4	1,432.5	0.0	0.0
45.00		88.6	817.1					0.0	819.8	88.6	1,636.9	0.0	0.0
50.00		89.7	798.6					0.0	821.0	89.7	1,619.6	0.0	0.0
55.00		90.5	779.8					0.0	822.1	90.5	1,601.9	0.0	0.0
60.00		91.1	760.8					0.0	823.1	91.1	1,584.0	0.0	0.0
65.00		91.5	741.6					0.0	824.1	91.5	1,565.7	0.0	0.0
70.00	Bot - Section 3	78.5	722.2					0.0	825.0	78.5	1,547.2	0.0	0.0
73.50	Top - Section 2	46.6	807.2					0.0	578.0	46.6	1,385.2	0.0	0.0
75.00		60.4	180.8					0.0	247.8	60.4	428.6	0.0	0.0
80.00		92.8	590.3					0.0	826.6	92.8	1,416.9	0.0	0.0
85.00		92.6	573.7					0.0	827.4	92.6	1,401.1	0.0	0.0
90.00		55.5	557.1					0.0	828.1	55.5	1,385.1	0.0	0.0
91.00	Reinf. Top Reinf	46.0	109.8					0.0	165.7	46.0	275.5	0.0	0.0
95.00		82.6	431.3					0.0	663.0	82.6	1,094.3	0.0	0.0
100.00		54.9	523.4					12.2	829.4	67.1	1,352.8	0.0	0.0
101.00	Reinf. Top Reinf	40.8	103.0					3.2	166.0	44.0	269.0	0.0	0.0
105.00		55.2	404.2					0.0	569.4	55.2	973.6	0.0	0.0
108.00	Appurtenance(s)	39.0	296.3	693.2	0.0	371.4	4,912.3	0.0	427.3	732.2	5,635.8	0.0	0.0
110.00	Top - Section 3	53.7	194.3					0.0	266.9	53.7	461.2	0.0	0.0
115.00		48.8	388.4					0.0	667.6	48.8	1,056.0	0.0	0.0
116.42	Reinf. Top	37.3	108.0					0.0	189.3	37.3	297.3	0.0	0.0
120.00		63.1	267.4					0.0	263.5	63.1	530.9	0.0	0.0
125.00		72.0	360.4					0.0	250.3	72.0	610.7	0.0	0.0
130.00		70.1	346.3					0.0	221.2	70.1	567.5	0.0	0.0
135.00		68.1	332.2					0.0	221.4	68.1	553.6	0.0	0.0
140.00		46.7	318.0					0.0	221.7	46.7	539.7	0.0	0.0
142.00	Appurtenance(s)	32.5	123.8	757.4	0.0	0.0	6,435.3	0.0	88.7	789.9	6,647.9	0.0	0.0
145.00		50.8	181.2					0.0	92.7	50.8	273.8	0.0	0.0
150.00	Appurtenance(s)	31.4	289.5	826.2	0.0	1,610.7	6,659.9	0.0	154.5	857.6	7,103.9	0.0	0.0
<b>Totals:</b>										4,791.59	58,773.5	0.00	0.00

Site Number: 302482

Code: ANSI/TIA-222-H

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Site Name: North Haven CT 1, CT

Engineering Number: 13669395\_C3\_01

5/20/2021 12:49:59 PM

Customer: VERIZON WIRELESS

Load Case: 1.2D + 1.0Di + 1.0Wi

49 mph with 0.85 in Radial Ice

26 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	-58.77	-4.78	0.00	-549.51	0.00	549.51	3,156.90	784.09	2,737.03	2,376.08	0.00	0.00	0.156
5.00	-56.99	-4.75	0.00	-525.62	0.00	525.62	3,114.09	767.49	2,622.41	2,293.74	0.03	-0.06	0.153
10.00	-55.12	-4.72	0.00	-501.87	0.00	501.87	3,070.24	750.89	2,510.23	2,212.03	0.13	-0.12	0.150
15.00	-53.27	-4.69	0.00	-478.28	0.00	478.28	3,025.35	734.29	2,400.51	2,131.00	0.29	-0.18	0.146
20.00	-51.43	-4.65	0.00	-454.86	0.00	454.86	2,979.43	717.69	2,293.24	2,050.69	0.51	-0.24	0.143
25.00	-49.60	-4.61	0.00	-431.61	0.00	431.61	2,932.46	701.09	2,188.42	1,971.17	0.80	-0.31	0.139
30.00	-47.80	-4.58	0.00	-408.55	0.00	408.55	2,874.86	684.49	2,086.05	1,886.18	1.16	-0.37	0.136
31.50	-47.26	-4.56	0.00	-401.68	0.00	401.68	2,853.94	679.51	2,055.82	1,858.68	1.28	-0.39	0.135
35.00	-45.54	-4.53	0.00	-385.71	0.00	385.71	2,805.14	667.89	1,986.14	1,795.29	1.58	-0.43	0.131
35.67	-45.21	-4.51	0.00	-382.69	0.00	382.69	2,247.90	566.87	1,716.67	1,468.42	1.64	-0.44	0.150
40.00	-43.78	-4.47	0.00	-363.13	0.00	363.13	2,218.43	554.88	1,644.85	1,418.22	2.07	-0.49	0.146
45.00	-42.14	-4.41	0.00	-340.80	0.00	340.80	2,183.45	541.05	1,563.88	1,360.71	2.62	-0.56	0.140
50.00	-40.51	-4.35	0.00	-318.75	0.00	318.75	2,147.43	527.22	1,484.96	1,303.70	3.24	-0.63	0.134
55.00	-38.91	-4.28	0.00	-297.00	0.00	297.00	2,110.37	513.38	1,408.08	1,247.24	3.93	-0.69	0.129
60.00	-37.32	-4.21	0.00	-275.58	0.00	275.58	2,072.27	499.55	1,333.25	1,191.37	4.69	-0.75	0.123
65.00	-35.75	-4.14	0.00	-254.50	0.00	254.50	2,033.13	485.71	1,260.46	1,136.15	5.51	-0.82	0.117
70.00	-34.20	-4.07	0.00	-233.80	0.00	233.80	1,981.90	471.88	1,189.71	1,075.63	6.40	-0.88	0.111
73.50	-32.81	-4.02	0.00	-219.56	0.00	219.56	1,473.88	377.71	952.63	802.19	7.06	-0.92	0.124
75.00	-32.38	-3.97	0.00	-213.53	0.00	213.53	1,466.20	374.39	935.96	790.93	7.35	-0.94	0.122
80.00	-30.96	-3.89	0.00	-193.66	0.00	193.66	1,439.92	363.32	881.46	753.58	8.37	-1.00	0.113
85.00	-29.56	-3.80	0.00	-174.20	0.00	174.20	1,412.60	352.25	828.60	716.55	9.45	-1.06	0.105
90.00	-28.18	-3.74	0.00	-155.19	0.00	155.19	1,384.24	341.19	777.37	679.88	10.59	-1.12	0.096
91.00	-27.90	-3.70	0.00	-151.45	0.00	151.45	1,378.45	338.97	767.32	672.60	10.82	-1.13	0.094
91.00	-27.90	-3.70	0.00	-151.45	0.00	151.45	1,378.45	338.97	767.32	672.60	10.82	-1.13	0.094
95.00	-26.80	-3.62	0.00	-136.66	0.00	136.66	1,354.85	330.12	727.77	643.64	11.79	-1.17	0.087
100.00	-25.45	-3.53	0.00	-118.57	0.00	118.57	1,324.41	319.05	679.81	607.87	13.04	-1.22	0.078
101.00	-25.18	-3.50	0.00	-115.04	0.00	115.04	1,318.20	316.84	670.42	600.77	13.30	-1.23	0.076
101.00	-25.18	-3.50	0.00	-115.04	0.00	115.04	1,318.20	316.84	670.42	600.77	13.30	-1.23	0.074
105.00	-24.21	-3.43	0.00	-101.06	0.00	101.06	1,292.93	307.98	633.49	572.61	14.34	-1.27	0.067
108.00	-18.59	-2.58	0.00	-90.39	0.00	90.39	1,265.65	301.34	606.48	548.30	15.15	-1.29	0.060
110.00	-18.13	-2.52	0.00	-85.23	0.00	85.23	1,247.06	296.92	588.80	532.22	15.69	-1.31	0.057
110.00	-18.13	-2.52	0.00	-85.23	0.00	85.23	853.21	223.35	444.14	366.30	15.69	-1.31	0.069
115.00	-17.07	-2.46	0.00	-72.60	0.00	72.60	834.97	215.05	411.75	345.03	17.08	-1.35	0.060
116.42	-16.77	-2.42	0.00	-69.12	0.00	69.12	829.61	212.70	402.80	339.04	17.49	-1.36	0.057
116.42	-16.77	-2.42	0.00	-69.12	0.00	69.12	829.61	212.70	402.80	339.04	17.49	-1.36	0.224
120.00	-16.24	-2.37	0.00	-60.45	0.00	60.45	815.69	206.75	380.59	323.94	18.51	-1.38	0.207
125.00	-15.63	-2.31	0.00	-48.62	0.00	48.62	795.37	198.45	350.65	303.07	20.03	-1.52	0.180
130.00	-15.06	-2.26	0.00	-37.04	0.00	37.04	774.01	190.15	321.95	282.47	21.69	-1.64	0.151
135.00	-14.50	-2.20	0.00	-25.75	0.00	25.75	751.61	181.85	294.46	262.20	23.46	-1.74	0.118
140.00	-13.96	-2.14	0.00	-14.78	0.00	14.78	728.17	173.55	268.21	242.30	25.32	-1.81	0.080
142.00	-7.34	-1.15	0.00	-10.49	0.00	10.49	714.97	170.23	258.05	233.31	26.08	-1.83	0.055
145.00	-7.07	-1.09	0.00	-7.05	0.00	7.05	694.05	165.25	243.18	219.78	27.24	-1.86	0.042
150.00	0.00	-0.86	0.00	-1.61	0.00	1.61	659.19	156.95	219.37	198.13	29.20	-1.88	0.008

<b>Load Case:</b> 1.0D + 1.0W	Serviceability 60 mph	25 Iterations
Gust Response Factor :1.10		
Dead Load Factor :1.00		
Wind Load Factor :1.00		

Applied Segment Forces Summary

Seg Elev (ft)	Description	Shaft Forces		Discrete Forces			Linear Forces		Sum of Forces				
		Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Torsion MY (lb-ft)	Moment MZ (lb)
0.00		57.7	0.0					0.0	0.0	57.7	0.0	0.0	0.0
5.00		114.2	752.1					24.1	544.8	138.3	1,296.9	0.0	0.0
10.00		111.7	736.0					24.1	598.3	135.8	1,334.3	0.0	0.0
15.00		109.3	719.9					24.1	598.3	133.4	1,318.2	0.0	0.0
20.00		106.8	703.8					24.1	598.3	131.0	1,302.1	0.0	0.0
25.00		104.4	687.7					24.1	598.3	128.5	1,286.0	0.0	0.0
30.00		66.9	671.6					24.1	598.3	91.1	1,269.9	0.0	0.0
31.50	Bot - Section 2	52.3	198.4					7.3	179.5	59.6	377.8	0.0	0.0
35.00		44.0	846.4					17.4	418.8	61.4	1,265.2	0.0	0.0
35.67	Top - Section 1	53.5	159.6					3.4	79.8	56.8	239.4	0.0	0.0
40.00		100.4	471.2					22.3	518.5	122.8	989.8	0.0	0.0
45.00		108.5	531.2					26.7	598.3	135.1	1,129.5	0.0	0.0
50.00		109.0	517.8					27.5	598.3	136.5	1,116.1	0.0	0.0
55.00		109.1	504.4					28.3	598.3	137.4	1,102.7	0.0	0.0
60.00		108.8	491.0					29.1	598.3	137.9	1,089.3	0.0	0.0
65.00		108.3	477.6					29.8	598.3	138.1	1,075.9	0.0	0.0
70.00	Bot - Section 3	92.2	464.2					30.4	598.3	122.6	1,062.5	0.0	0.0
73.50	Top - Section 2	54.5	575.9					21.7	418.8	76.2	994.7	0.0	0.0
75.00		70.3	109.4					9.4	179.5	79.7	288.9	0.0	0.0
80.00		107.3	357.6					31.6	598.3	138.9	955.9	0.0	0.0
85.00		105.9	346.9					32.2	598.3	138.1	945.2	0.0	0.0
90.00		63.0	336.1					32.8	598.3	95.7	934.4	0.0	0.0
91.00	Reinf. Top Reinf	51.7	65.9					6.6	119.7	58.3	185.6	0.0	0.0
95.00		92.1	259.5					26.7	478.6	118.8	738.1	0.0	0.0
100.00		60.8	314.7					33.8	598.3	94.6	913.0	0.0	0.0
101.00	Reinf. Top Reinf	43.0	61.6					6.8	119.7	49.8	181.3	0.0	0.0
105.00		57.7	242.3					0.0	405.4	57.7	647.7	0.0	0.0
108.00	Appurtenance(s)	41.3	177.2	742.9	0.0	429.5	2,908.0	0.0	304.0	784.2	3,389.2	0.0	0.0
110.00	Top - Section 3	57.8	116.0					0.0	187.6	57.8	303.6	0.0	0.0
115.00		53.0	212.5					0.0	469.1	53.0	681.6	0.0	0.0
116.42	Reinf. Top	41.3	58.7					0.0	132.9	41.3	191.7	0.0	0.0
120.00		70.8	145.7					0.0	156.7	70.8	302.4	0.0	0.0
125.00		81.1	196.4					0.0	150.2	81.1	346.6	0.0	0.0
130.00		79.6	188.4					0.0	133.1	79.6	321.5	0.0	0.0
135.00		79.4	180.3					0.0	133.1	79.4	313.4	0.0	0.0
140.00		55.5	172.3					0.0	133.1	55.5	305.4	0.0	0.0
142.00	Appurtenance(s)	34.4	66.7	802.1	0.0	0.0	3,843.3	0.0	53.2	836.5	3,963.2	0.0	0.0
145.00		48.6	97.6					0.0	55.6	48.6	153.1	0.0	0.0
150.00	Appurtenance(s)	30.0	156.2	863.5	0.0	1,810.8	3,928.1	0.0	92.6	893.5	4,176.9	0.0	0.0
<b>Totals:</b>										<b>5,912.91</b>	<b>38,488.8</b>	<b>0.00</b>	<b>0.00</b>

Load Case: 1.0D + 1.0W

Serviceability 60 mph

25 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	-38.49	-5.88	0.00	-599.88	0.00	599.88	3,156.90	784.09	2,737.03	2,376.08	0.00	0.00	0.165
5.00	-37.18	-5.78	0.00	-570.49	0.00	570.49	3,114.09	767.49	2,622.41	2,293.74	0.04	-0.07	0.160
10.00	-35.84	-5.68	0.00	-541.59	0.00	541.59	3,070.24	750.89	2,510.23	2,212.03	0.14	-0.13	0.156
15.00	-34.52	-5.59	0.00	-513.17	0.00	513.17	3,025.35	734.29	2,400.51	2,131.00	0.31	-0.20	0.152
20.00	-33.21	-5.49	0.00	-485.24	0.00	485.24	2,979.43	717.69	2,293.24	2,050.69	0.56	-0.26	0.147
25.00	-31.92	-5.39	0.00	-457.80	0.00	457.80	2,932.46	701.09	2,188.42	1,971.17	0.87	-0.33	0.143
30.00	-30.64	-5.31	0.00	-430.85	0.00	430.85	2,874.86	684.49	2,086.05	1,886.18	1.25	-0.40	0.138
31.50	-30.26	-5.27	0.00	-422.87	0.00	422.87	2,853.94	679.51	2,055.82	1,858.68	1.38	-0.42	0.137
35.00	-29.00	-5.21	0.00	-404.43	0.00	404.43	2,805.14	667.89	1,986.14	1,795.29	1.70	-0.46	0.133
35.67	-28.75	-5.17	0.00	-400.96	0.00	400.96	2,247.90	566.87	1,716.67	1,468.42	1.77	-0.47	0.152
40.00	-27.76	-5.07	0.00	-378.56	0.00	378.56	2,218.43	554.88	1,644.85	1,418.22	2.22	-0.53	0.147
45.00	-26.63	-4.95	0.00	-353.21	0.00	353.21	2,183.45	541.05	1,563.88	1,360.71	2.81	-0.60	0.140
50.00	-25.51	-4.83	0.00	-328.44	0.00	328.44	2,147.43	527.22	1,484.96	1,303.70	3.47	-0.66	0.134
55.00	-24.40	-4.71	0.00	-304.27	0.00	304.27	2,110.37	513.38	1,408.08	1,247.24	4.20	-0.73	0.127
60.00	-23.31	-4.59	0.00	-280.71	0.00	280.71	2,072.27	499.55	1,333.25	1,191.37	5.00	-0.79	0.121
65.00	-22.23	-4.46	0.00	-257.78	0.00	257.78	2,033.13	485.71	1,260.46	1,136.15	5.87	-0.86	0.114
70.00	-21.16	-4.34	0.00	-235.50	0.00	235.50	1,981.90	471.88	1,189.71	1,075.63	6.80	-0.92	0.108
73.50	-20.17	-4.26	0.00	-220.32	0.00	220.32	1,473.88	377.71	952.63	802.19	7.49	-0.96	0.120
75.00	-19.88	-4.18	0.00	-213.94	0.00	213.94	1,466.20	374.39	935.96	790.93	7.80	-0.98	0.117
80.00	-18.92	-4.05	0.00	-193.02	0.00	193.02	1,439.92	363.32	881.46	753.58	8.86	-1.04	0.109
85.00	-17.97	-3.91	0.00	-172.77	0.00	172.77	1,412.60	352.25	828.60	716.55	9.98	-1.10	0.100
90.00	-17.04	-3.81	0.00	-153.22	0.00	153.22	1,384.24	341.19	777.37	679.88	11.17	-1.16	0.091
91.00	-16.85	-3.75	0.00	-149.41	0.00	149.41	1,378.45	338.97	767.32	672.60	11.41	-1.17	0.089
91.00	-16.85	-3.75	0.00	-149.41	0.00	149.41	1,378.45	338.97	767.32	672.60	11.41	-1.17	0.089
95.00	-16.12	-3.63	0.00	-134.40	0.00	134.40	1,354.85	330.12	727.77	643.64	12.41	-1.21	0.082
100.00	-15.20	-3.53	0.00	-116.24	0.00	116.24	1,324.41	319.05	679.81	607.87	13.70	-1.26	0.073
101.00	-15.02	-3.48	0.00	-112.72	0.00	112.72	1,318.20	316.84	670.42	600.77	13.97	-1.27	0.071
101.00	-15.02	-3.48	0.00	-112.72	0.00	112.72	1,318.20	316.84	670.42	600.77	13.97	-1.27	0.069
105.00	-14.37	-3.41	0.00	-98.81	0.00	98.81	1,292.93	307.98	633.49	572.61	15.05	-1.31	0.062
108.00	-11.00	-2.55	0.00	-88.14	0.00	88.14	1,265.65	301.34	606.48	548.30	15.88	-1.33	0.055
110.00	-10.70	-2.49	0.00	-83.03	0.00	83.03	1,247.06	296.92	588.80	532.22	16.44	-1.35	0.053
110.00	-10.70	-2.49	0.00	-83.03	0.00	83.03	853.21	223.35	444.14	366.30	16.44	-1.35	0.063
115.00	-10.02	-2.43	0.00	-70.56	0.00	70.56	834.97	215.05	411.75	345.03	17.87	-1.38	0.055
116.42	-9.83	-2.39	0.00	-67.12	0.00	67.12	829.61	212.70	402.80	339.04	18.28	-1.39	0.052
116.42	-9.83	-2.39	0.00	-67.12	0.00	67.12	829.61	212.70	402.80	339.04	18.28	-1.39	0.210
120.00	-9.52	-2.32	0.00	-58.57	0.00	58.57	815.69	206.75	380.59	323.94	19.34	-1.42	0.193
125.00	-9.17	-2.25	0.00	-46.97	0.00	46.97	795.37	198.45	350.65	303.07	20.89	-1.55	0.167
130.00	-8.85	-2.18	0.00	-35.71	0.00	35.71	774.01	190.15	321.95	282.47	22.58	-1.66	0.138
135.00	-8.54	-2.10	0.00	-24.81	0.00	24.81	751.61	181.85	294.46	262.20	24.38	-1.76	0.106
140.00	-8.23	-2.04	0.00	-14.30	0.00	14.30	728.17	173.55	268.21	242.30	26.26	-1.83	0.070
142.00	-4.30	-1.08	0.00	-10.21	0.00	10.21	714.97	170.23	258.05	233.31	27.03	-1.85	0.050
145.00	-4.15	-1.03	0.00	-6.96	0.00	6.96	694.05	165.25	243.18	219.78	28.21	-1.88	0.038
150.00	0.00	-0.89	0.00	-1.81	0.00	1.81	659.19	156.95	219.37	198.13	30.18	-1.90	0.009



Equivalent Lateral Forces Method Analysis

Spectral Response Acceleration for Short Period ( $S_s$ ):	0.20
Spectral Response Acceleration at 1.0 Second Period ( $S_{d1}$ ):	0.05
Long-Period Transition Period ( $T_L$ ):	6
Importance Factor ( $I_E$ ):	1.00
Site Coefficient $F_a$ :	1.60
Site Coefficient $F_v$ :	2.40
Response Modification Coefficient (R):	1.50
Design Spectral Response Acceleration at Short Period ( $S_{ds}$ ):	0.22
Design Spectral Response Acceleration at 1.0 Second Period ( $S_{d1}$ ):	0.09
Seismic Response Coefficient ( $C_s$ ):	0.03
Upper Limit $C_s$	0.03
Lower Limit $C_s$	0.03
Period based on Rayleigh Method (sec):	3.17
Redundancy Factor ( $\rho$ ):	1.00
Seismic Force Distribution Exponent (k):	2.00
Total Unfactored Dead Load:	38.49 k
Seismic Base Shear (E):	1.15 k

Load Case 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)
38	147.50	249	5,413	0.016	19	309
37	143.50	153	3,153	0.009	11	190
36	141.00	120	2,384	0.007	8	149
35	137.50	305	5,773	0.017	20	380
34	132.50	313	5,502	0.016	19	390
33	127.50	321	5,226	0.016	18	400
32	122.50	347	5,201	0.016	18	431
31	118.21	302	4,225	0.013	15	376
30	115.71	192	2,566	0.008	9	238
29	112.50	682	8,627	0.026	30	848
28	109.00	304	3,608	0.011	12	378
27	106.50	481	5,458	0.016	19	598
26	103.00	648	6,871	0.021	24	805
25	100.50	181	1,831	0.005	6	225
24	97.50	913	8,679	0.026	30	1,135
23	93.00	738	6,384	0.019	22	918
22	90.50	186	1,520	0.005	5	231
21	87.50	934	7,154	0.021	25	1,162
20	82.50	945	6,433	0.019	22	1,175
19	77.50	956	5,741	0.017	20	1,189
18	74.25	289	1,592	0.005	6	359
17	71.75	995	5,121	0.015	18	1,237
16	67.50	1,062	4,841	0.014	17	1,321
15	62.50	1,076	4,203	0.013	15	1,338
14	57.50	1,089	3,601	0.011	12	1,355

13	52.50	1,103	3,039	0.009	10	1,371
12	47.50	1,116	2,518	0.008	9	1,388
11	42.50	1,130	2,040	0.006	7	1,405
10	37.83	990	1,417	0.004	5	1,231
9	35.33	239	299	0.001	1	298
8	33.25	1,265	1,399	0.004	5	1,573
7	30.75	378	357	0.001	1	470
6	27.50	1,270	960	0.003	3	1,579
5	22.50	1,286	651	0.002	2	1,599
4	17.50	1,302	399	0.001	1	1,619
3	12.50	1,318	206	0.001	1	1,639
2	7.50	1,334	75	0.000	0	1,659
1	2.50	1,297	8	0.000	0	1,613
Powerwave Allgon 702	150.00	13	297	0.001	1	16
Kaelus DBC0061F1V51-	150.00	153	3,443	0.010	12	190
Kathrein Scala 782-1	150.00	38	864	0.003	3	48
Powerwave Allgon LGP	150.00	85	1,904	0.006	7	105
Raycap DC6-48-60-18-	150.00	60	1,350	0.004	5	75
Ericsson RRUS 8843 B	150.00	216	4,860	0.015	17	269
Ericsson RRUS 4478 B	150.00	180	4,043	0.012	14	223
Ericsson RRUS 4449 B	150.00	213	4,793	0.014	17	265
Ericsson RRUS 32 B30	150.00	180	4,050	0.012	14	224
Quintel QS66512-2	150.00	333	7,493	0.022	26	414
CCI OPA-65R-LCUU-H6	150.00	219	4,928	0.015	17	272
CCI DMP65R-BU6DA	150.00	238	5,360	0.016	19	296
Round Platform w/ Ha	150.00	2,000	45,000	0.135	155	2,487
DragonWave Horizon C	142.00	32	641	0.002	2	40
DragonWave A-ANT-23G	142.00	15	302	0.001	1	19
Alcatel-Lucent RRH2x	142.00	317	6,400	0.019	22	395
Alcatel-Lucent 1900	142.00	180	3,630	0.011	13	224
Alcatel-Lucent TD-RR	142.00	210	4,234	0.013	15	261
Generic RRU (Model T	142.00	165	3,327	0.010	11	205
DragonWave A-ANT-11G	142.00	27	544	0.002	2	34
RFS APXVTM14-ALU-I20	142.00	169	3,400	0.010	12	210
DragonWave A-ANT-11G	142.00	48	960	0.003	3	59
Commscope NNVV-65B-R	142.00	232	4,682	0.014	16	289
Platform with Handra	142.00	2,449	49,376	0.148	171	3,045
Commscope CBC78T-DS-	108.00	62	724	0.002	3	77
Samsung Outdoor CBRS	108.00	13	154	0.000	1	16
Samsung RT4401-48A	108.00	56	651	0.002	2	69
Samsung B5/B13 RRH-B	108.00	211	2,460	0.007	8	262
Samsung B2/B66A RRH-	108.00	253	2,953	0.009	10	315
Samsung MT6407-77A	108.00	245	2,855	0.009	10	304
RFS DB-T1-6Z-8AB-OZ	108.00	88	1,026	0.003	4	109
Commscope LNX-6514DS	108.00	116	1,358	0.004	5	145
Commscope JAHH-65B-R	108.00	364	4,241	0.013	15	452
Round Low Profile PI	108.00	1,500	17,496	0.052	60	1,865
		38,489	334,274	1.000	1,155	47,862

Load Case 0.9D - 1.0Ev + 1.0Eh

Seismic (Reduced DL)

Segment	Height Above Base (ft)	Weight (lb)	W <sub>z</sub> (lb-ft)	C <sub>vx</sub>	Horizontal Force (lb)	Vertical Force (lb)
38	147.50	249	5,413	0.016	19	213
37	143.50	153	3,153	0.009	11	131
36	141.00	120	2,384	0.007	8	103
35	137.50	305	5,773	0.017	20	262
34	132.50	313	5,502	0.016	19	268
33	127.50	321	5,226	0.016	18	275
32	122.50	347	5,201	0.016	18	297
31	118.21	302	4,225	0.013	15	259

30	115.71	192	2,566	0.008	9	164
29	112.50	682	8,627	0.026	30	584
28	109.00	304	3,608	0.011	12	260
27	106.50	481	5,458	0.016	19	412
26	103.00	648	6,871	0.021	24	555
25	100.50	181	1,831	0.005	6	155
24	97.50	913	8,679	0.026	30	782
23	93.00	738	6,384	0.019	22	632
22	90.50	186	1,520	0.005	5	159
21	87.50	934	7,154	0.021	25	800
20	82.50	945	6,433	0.019	22	810
19	77.50	956	5,741	0.017	20	819
18	74.25	289	1,592	0.005	6	247
17	71.75	995	5,121	0.015	18	852
16	67.50	1,062	4,841	0.014	17	910
15	62.50	1,076	4,203	0.013	15	921
14	57.50	1,089	3,601	0.011	12	933
13	52.50	1,103	3,039	0.009	10	944
12	47.50	1,116	2,518	0.008	9	956
11	42.50	1,130	2,040	0.006	7	967
10	37.83	990	1,417	0.004	5	848
9	35.33	239	299	0.001	1	205
8	33.25	1,265	1,399	0.004	5	1,084
7	30.75	378	357	0.001	1	324
6	27.50	1,270	960	0.003	3	1,088
5	22.50	1,286	651	0.002	2	1,101
4	17.50	1,302	399	0.001	1	1,115
3	12.50	1,318	206	0.001	1	1,129
2	7.50	1,334	75	0.000	0	1,143
1	2.50	1,297	8	0.000	0	1,111
Powerwave Allgon 702	150.00	13	297	0.001	1	11
Kaelus DBC0061F1V51-	150.00	153	3,443	0.010	12	131
Kathrein Scala 782-1	150.00	38	864	0.003	3	33
Powerwave Allgon LGP	150.00	85	1,904	0.006	7	72
Raycap DC6-48-60-18-	150.00	60	1,350	0.004	5	51
Ericsson RRUS 8843 B	150.00	216	4,860	0.015	17	185
Ericsson RRUS 4478 B	150.00	180	4,043	0.012	14	154
Ericsson RRUS 4449 B	150.00	213	4,793	0.014	17	182
Ericsson RRUS 32 B30	150.00	180	4,050	0.012	14	154
Quintel QS66512-2	150.00	333	7,493	0.022	26	285
CCI OPA-65R-LCUU-H6	150.00	219	4,928	0.015	17	188
CCI DMP65R-BU6DA	150.00	238	5,360	0.016	19	204
Round Platform w/ Ha	150.00	2,000	45,000	0.135	155	1,713
DragonWave Horizon C	142.00	32	641	0.002	2	27
DragonWave A-ANT-23G	142.00	15	302	0.001	1	13
Alcatel-Lucent RRH2x	142.00	317	6,400	0.019	22	272
Alcatel-Lucent 1900	142.00	180	3,630	0.011	13	154
Alcatel-Lucent TD-RR	142.00	210	4,234	0.013	15	180
Generic RRU (Model T	142.00	165	3,327	0.010	11	141
DragonWave A-ANT-11G	142.00	27	544	0.002	2	23
RFS APXVTM14-ALU-I20	142.00	169	3,400	0.010	12	144
DragonWave A-ANT-11G	142.00	48	960	0.003	3	41
Commscope NNVV-65B-R	142.00	232	4,682	0.014	16	199
Platform with Handra	142.00	2,449	49,376	0.148	171	2,097
Commscope CBC78T-DS-	108.00	62	724	0.002	3	53
Samsung Outdoor CBRS	108.00	13	154	0.000	1	11
Samsung RT4401-48A	108.00	56	651	0.002	2	48
Samsung B5/B13 RRH-B	108.00	211	2,460	0.007	8	181
Samsung B2/B66A RRH-	108.00	253	2,953	0.009	10	217
Samsung MT6407-77A	108.00	245	2,855	0.009	10	210
RFS DB-T1-6Z-8AB-0Z	108.00	88	1,026	0.003	4	75
Commscope LNX-6514DS	108.00	116	1,358	0.004	5	100
Commscope JAHH-65B-R	108.00	364	4,241	0.013	15	311
Round Low Profile PI	108.00	1,500	17,496	0.052	60	1,285

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Site Number: 302482

Code: ANSI/TIA-222-H

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Site Name: North Haven CT 1, CT

Engineering Number: 13669395\_C3\_01

5/20/2021 12:50:06 PM

Customer: VERIZON WIRELESS

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38,489

334,274

1.000

1,155

32,965

Load Case 1.2D + 1.0Ev + 1.0Eh

Seismic

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	-46.25	-1.16	0.00	-153.18	0.00	153.18	3,156.90	784.09	2,737.03	2,376.08	0.00	0.00	0.050
5.00	-44.59	-1.17	0.00	-147.38	0.00	147.38	3,114.09	767.49	2,622.41	2,293.74	0.01	-0.02	0.049
10.00	-42.95	-1.18	0.00	-141.51	0.00	141.51	3,070.24	750.89	2,510.23	2,212.03	0.04	-0.03	0.048
15.00	-41.33	-1.20	0.00	-135.59	0.00	135.59	3,025.35	734.29	2,400.51	2,131.00	0.08	-0.05	0.047
20.00	-39.73	-1.20	0.00	-129.61	0.00	129.61	2,979.43	717.69	2,293.24	2,050.69	0.14	-0.07	0.046
25.00	-38.15	-1.21	0.00	-123.59	0.00	123.59	2,932.46	701.09	2,188.42	1,971.17	0.23	-0.09	0.045
30.00	-37.68	-1.22	0.00	-117.55	0.00	117.55	2,874.86	684.49	2,086.05	1,886.18	0.33	-0.10	0.045
31.50	-36.11	-1.21	0.00	-115.72	0.00	115.72	2,853.94	679.51	2,055.82	1,858.68	0.36	-0.11	0.044
35.00	-35.81	-1.22	0.00	-111.48	0.00	111.48	2,805.14	667.89	1,986.14	1,795.29	0.45	-0.12	0.043
35.67	-34.58	-1.21	0.00	-110.67	0.00	110.67	2,247.90	566.87	1,716.67	1,468.42	0.46	-0.13	0.049
40.00	-33.17	-1.21	0.00	-105.40	0.00	105.40	2,218.43	554.88	1,644.85	1,418.22	0.58	-0.14	0.048
45.00	-31.79	-1.21	0.00	-99.33	0.00	99.33	2,183.45	541.05	1,563.88	1,360.71	0.74	-0.16	0.046
50.00	-30.41	-1.21	0.00	-93.27	0.00	93.27	2,147.43	527.22	1,484.96	1,303.70	0.92	-0.18	0.045
55.00	-29.06	-1.20	0.00	-87.23	0.00	87.23	2,110.37	513.38	1,408.08	1,247.24	1.12	-0.20	0.043
60.00	-27.72	-1.19	0.00	-81.23	0.00	81.23	2,072.27	499.55	1,333.25	1,191.37	1.33	-0.22	0.041
65.00	-26.40	-1.18	0.00	-75.28	0.00	75.28	2,033.13	485.71	1,260.46	1,136.15	1.57	-0.24	0.039
70.00	-25.16	-1.16	0.00	-69.40	0.00	69.40	1,981.90	471.88	1,189.71	1,075.63	1.83	-0.25	0.037
73.50	-24.80	-1.16	0.00	-65.34	0.00	65.34	1,473.88	377.71	952.63	802.19	2.02	-0.27	0.042
75.00	-23.61	-1.14	0.00	-63.60	0.00	63.60	1,466.20	374.39	935.96	790.93	2.10	-0.27	0.041
80.00	-22.44	-1.12	0.00	-57.92	0.00	57.92	1,439.92	363.32	881.46	753.58	2.40	-0.29	0.039
85.00	-21.28	-1.09	0.00	-52.34	0.00	52.34	1,412.60	352.25	828.60	716.55	2.71	-0.31	0.036
90.00	-21.05	-1.09	0.00	-46.88	0.00	46.88	1,384.24	341.19	777.37	679.88	3.04	-0.32	0.033
91.00	-20.13	-1.06	0.00	-45.79	0.00	45.79	1,378.45	338.97	767.32	672.60	3.11	-0.33	0.033
91.00	-20.13	-1.06	0.00	-45.79	0.00	45.79	1,378.45	338.97	767.32	672.60	3.11	-0.33	0.033
95.00	-18.99	-1.03	0.00	-41.53	0.00	41.53	1,354.85	330.12	727.77	643.64	3.39	-0.34	0.030
100.00	-18.77	-1.03	0.00	-36.37	0.00	36.37	1,324.41	319.05	679.81	607.87	3.76	-0.36	0.028
101.00	-17.96	-1.00	0.00	-35.34	0.00	35.34	1,318.20	316.84	670.42	600.77	3.83	-0.36	0.027
101.00	-17.96	-1.00	0.00	-35.34	0.00	35.34	1,318.20	316.84	670.42	600.77	3.83	-0.36	0.027
105.00	-17.36	-0.98	0.00	-31.33	0.00	31.33	1,292.93	307.98	633.49	572.61	4.14	-0.37	0.025
108.00	-13.37	-0.83	0.00	-28.39	0.00	28.39	1,265.65	301.34	606.48	548.30	4.37	-0.38	0.022
110.00	-12.52	-0.79	0.00	-26.73	0.00	26.73	1,247.06	296.92	588.80	532.22	4.53	-0.38	0.021
110.00	-12.52	-0.79	0.00	-26.73	0.00	26.73	853.21	223.35	444.14	366.30	4.53	-0.38	0.025
115.00	-12.28	-0.79	0.00	-22.76	0.00	22.76	834.97	215.05	411.75	345.03	4.94	-0.40	0.022
116.42	-11.91	-0.77	0.00	-21.65	0.00	21.65	829.61	212.70	402.80	339.04	5.06	-0.40	0.022
116.42	-11.91	-0.77	0.00	-21.65	0.00	21.65	829.61	212.70	402.80	339.04	5.06	-0.40	0.078
120.00	-11.48	-0.75	0.00	-18.90	0.00	18.90	815.69	206.75	380.59	323.94	5.36	-0.41	0.072
125.00	-11.08	-0.74	0.00	-15.13	0.00	15.13	795.37	198.45	350.65	303.07	5.81	-0.45	0.064
130.00	-10.69	-0.72	0.00	-11.43	0.00	11.43	774.01	190.15	321.95	282.47	6.30	-0.49	0.054
135.00	-10.31	-0.71	0.00	-7.81	0.00	7.81	751.61	181.85	294.46	262.20	6.83	-0.52	0.044
140.00	-10.16	-0.70	0.00	-4.28	0.00	4.28	728.17	173.55	268.21	242.30	7.38	-0.54	0.032
142.00	-5.19	-0.37	0.00	-2.88	0.00	2.88	714.97	170.23	258.05	233.31	7.61	-0.54	0.020
145.00	-4.88	-0.35	0.00	-1.76	0.00	1.76	694.05	165.25	243.18	219.78	7.95	-0.55	0.015
150.00	0.00	-0.31	0.00	0.00	0.00	0.00	659.19	156.95	219.37	198.13	8.53	-0.56	0.000

Load Case 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 (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	-31.85	-1.16	0.00	-148.93	0.00	148.93	3,156.90	784.09	2,737.03	2,376.08	0.00	0.00	0.046
5.00	-30.71	-1.17	0.00	-143.14	0.00	143.14	3,114.09	767.49	2,622.41	2,293.74	0.01	-0.02	0.045
10.00	-29.58	-1.17	0.00	-137.30	0.00	137.30	3,070.24	750.89	2,510.23	2,212.03	0.03	-0.03	0.044
15.00	-28.47	-1.18	0.00	-131.43	0.00	131.43	3,025.35	734.29	2,400.51	2,131.00	0.08	-0.05	0.043
20.00	-27.36	-1.19	0.00	-125.53	0.00	125.53	2,979.43	717.69	2,293.24	2,050.69	0.14	-0.07	0.042
25.00	-26.28	-1.19	0.00	-119.60	0.00	119.60	2,932.46	701.09	2,188.42	1,971.17	0.22	-0.08	0.041
30.00	-25.95	-1.19	0.00	-113.66	0.00	113.66	2,874.86	684.49	2,086.05	1,886.18	0.32	-0.10	0.041
31.50	-24.87	-1.19	0.00	-111.87	0.00	111.87	2,853.94	679.51	2,055.82	1,858.68	0.35	-0.11	0.040
35.00	-24.66	-1.19	0.00	-107.71	0.00	107.71	2,805.14	667.89	1,986.14	1,795.29	0.43	-0.12	0.039
35.67	-23.82	-1.19	0.00	-106.91	0.00	106.91	2,247.90	566.87	1,716.67	1,468.42	0.45	-0.12	0.045
40.00	-22.85	-1.19	0.00	-101.77	0.00	101.77	2,218.43	554.88	1,644.85	1,418.22	0.57	-0.14	0.044
45.00	-21.89	-1.18	0.00	-95.84	0.00	95.84	2,183.45	541.05	1,563.88	1,360.71	0.72	-0.15	0.042
50.00	-20.95	-1.17	0.00	-89.94	0.00	89.94	2,147.43	527.22	1,484.96	1,303.70	0.89	-0.17	0.041
55.00	-20.01	-1.17	0.00	-84.06	0.00	84.06	2,110.37	513.38	1,408.08	1,247.24	1.08	-0.19	0.039
60.00	-19.09	-1.15	0.00	-78.24	0.00	78.24	2,072.27	499.55	1,333.25	1,191.37	1.29	-0.21	0.037
65.00	-18.18	-1.14	0.00	-72.47	0.00	72.47	2,033.13	485.71	1,260.46	1,136.15	1.52	-0.23	0.035
70.00	-17.33	-1.12	0.00	-66.77	0.00	66.77	1,981.90	471.88	1,189.71	1,075.63	1.77	-0.24	0.034
73.50	-17.08	-1.12	0.00	-62.84	0.00	62.84	1,473.88	377.71	952.63	802.19	1.95	-0.26	0.038
75.00	-16.26	-1.10	0.00	-61.17	0.00	61.17	1,466.20	374.39	935.96	790.93	2.03	-0.26	0.037
80.00	-15.45	-1.08	0.00	-55.67	0.00	55.67	1,439.92	363.32	881.46	753.58	2.32	-0.28	0.035
85.00	-14.65	-1.05	0.00	-50.29	0.00	50.29	1,412.60	352.25	828.60	716.55	2.62	-0.30	0.032
90.00	-14.49	-1.05	0.00	-45.03	0.00	45.03	1,384.24	341.19	777.37	679.88	2.94	-0.31	0.030
91.00	-13.86	-1.03	0.00	-43.98	0.00	43.98	1,378.45	338.97	767.32	672.60	3.01	-0.32	0.029
91.00	-13.86	-1.03	0.00	-43.98	0.00	43.98	1,378.45	338.97	767.32	672.60	3.01	-0.32	0.029
95.00	-13.08	-0.99	0.00	-39.88	0.00	39.88	1,354.85	330.12	727.77	643.64	3.28	-0.33	0.027
100.00	-12.92	-0.99	0.00	-34.91	0.00	34.91	1,324.41	319.05	679.81	607.87	3.63	-0.34	0.025
101.00	-12.37	-0.96	0.00	-33.92	0.00	33.92	1,318.20	316.84	670.42	600.77	3.70	-0.35	0.024
101.00	-12.37	-0.96	0.00	-33.92	0.00	33.92	1,318.20	316.84	670.42	600.77	3.70	-0.35	0.024
105.00	-11.96	-0.94	0.00	-30.07	0.00	30.07	1,292.93	307.98	633.49	572.61	4.00	-0.36	0.022
108.00	-9.21	-0.80	0.00	-27.24	0.00	27.24	1,265.65	301.34	606.48	548.30	4.23	-0.37	0.020
110.00	-8.62	-0.77	0.00	-25.64	0.00	25.64	1,247.06	296.92	588.80	532.22	4.38	-0.37	0.019
110.00	-8.62	-0.77	0.00	-25.64	0.00	25.64	853.21	223.35	444.14	366.30	4.38	-0.37	0.022
115.00	-8.46	-0.76	0.00	-21.81	0.00	21.81	834.97	215.05	411.75	345.03	4.77	-0.38	0.020
116.42	-8.20	-0.74	0.00	-20.74	0.00	20.74	829.61	212.70	402.80	339.04	4.89	-0.38	0.019
116.42	-8.20	-0.74	0.00	-20.74	0.00	20.74	829.61	212.70	402.80	339.04	4.89	-0.38	0.071
120.00	-7.90	-0.72	0.00	-18.09	0.00	18.09	815.69	206.75	380.59	323.94	5.18	-0.39	0.066
125.00	-7.63	-0.71	0.00	-14.46	0.00	14.46	795.37	198.45	350.65	303.07	5.61	-0.43	0.057
130.00	-7.36	-0.69	0.00	-10.92	0.00	10.92	774.01	190.15	321.95	282.47	6.08	-0.47	0.048
135.00	-7.10	-0.67	0.00	-7.45	0.00	7.45	751.61	181.85	294.46	262.20	6.59	-0.50	0.038
140.00	-6.99	-0.67	0.00	-4.09	0.00	4.09	728.17	173.55	268.21	242.30	7.12	-0.52	0.026
142.00	-3.57	-0.36	0.00	-2.75	0.00	2.75	714.97	170.23	258.05	233.31	7.34	-0.52	0.017
145.00	-3.36	-0.34	0.00	-1.68	0.00	1.68	694.05	165.25	243.18	219.78	7.67	-0.53	0.013
150.00	0.00	-0.31	0.00	0.00	0.00	0.00	659.19	156.95	219.37	198.13	8.23	-0.53	0.000

Site Number: 302482

Code: ANSI/TIA-222-H

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Site Name: North Haven CT 1, CT

Engineering Number: 13669395\_C3\_01

5/20/2021 12:50:06 PM

Customer: VERIZON WIRELESS

## Analysis Summary

Load Case	Reactions						Max Usage	
	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	24.98	0.00	46.12	0.00	0.00	2578.39	116.42	0.87
0.9D + 1.0W	24.95	0.00	34.58	0.00	0.00	2524.91	116.42	0.84
1.2D + 1.0Di + 1.0Wi	4.78	0.00	58.77	0.00	0.00	549.51	116.42	0.22
1.2D + 1.0Ev + 1.0Eh	1.16	0.00	46.25	0.00	0.00	153.18	116.42	0.08
0.9D - 1.0Ev + 1.0Eh	1.16	0.00	31.85	0.00	0.00	148.93	116.42	0.07
1.0D + 1.0W	5.88	0.00	38.49	0.00	0.00	599.88	116.42	0.21

Additional Steel Summary

			Intermediate Connectors				Max Member		
Elev From (ft)	Elev To (ft)	Member	VQ/I (lb/in)	Shear Applied (kips)	Shear phiVn (kips)	Ratio	Pu (kip)	phiPn (kip)	Ratio
0.00	91.00	(4) SOL-#20 All Thread Bar	327.3	9.8	16.8	0.584	269.8	330.5	0.816
91.00	101.00	(4) SOL-#20 All Thread Bar	330.7	6.0	16.8	0.354	158.0	345.0	0.458
101.00	116.42	(3) SOL-#20 All Thread Bar	381.5	11.4	16.8	0.681	148.8	330.5	0.450

			Upper Termination Connectors				Lower Termination Connectors					
Elev From (ft)	Elev To (ft)	Member	MQ/I (kips)	phiVn (kips)	Num Reqd	Num Actual	Ratio	MQ/I (kips)	phiVn (kips)	Num Reqd	Num Actual	Ratio
0.00	91.00	(4) SOL-#20 All Thread Bar	0.0	12.0	0	12	0.000	0.0	12.0	0	0	0.000
91.00	101.00	(4) SOL-#20 All Thread Bar	128.2	12.0	11	16	0.668	0.0	12.0	0	0	0.000
101.00	116.42	(3) SOL-#20 All Thread Bar	107.1	12.0	9	12	0.744	146.3	12.0	13	14	0.871



**Site Name:** North Haven CT 1, CT  
**Site Number:** 302482  
**Tower Type:** SST w/3 Legs  
**Design Loads (Factored) - Analysis per TIA-222-H Standards**

## Monolithic Mat & Pier Foundation Analysis

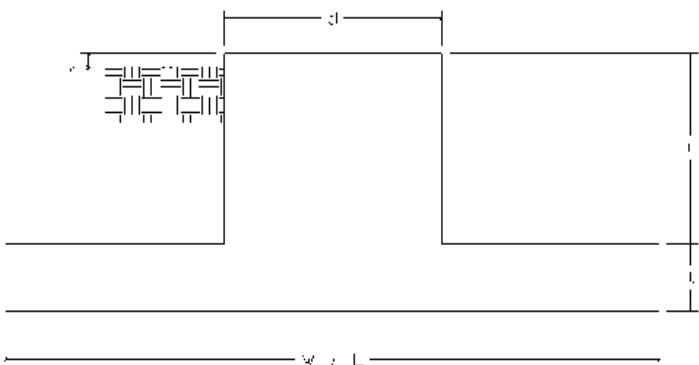
Foundation Analysis Parameters		
Design / Analysis / Mapping:	Analysis	-
Compression/Leg:	46.1	k
Uplift/Leg:	0.0	k
Total Shear:	25.0	k
Moment:	2,578.4	k-ft
Tower + Appurtenance Weight:	46.1	k
Depth to Base of Foundation (l + t - h):	8	ft
Diameter of Pier (d):	6	ft
Length of Pier (l):	5.5	ft
Height of Pier above Ground (h):	0.5	ft
Width of Pad (W):	18	ft
Length of Pad (L):	22	ft
Thickness of Pad (t):	3	ft
Tower Leg Center to Center:	0	ft
Number of Tower Legs:	3	-
Tower Center from Mat Center:	0	ft
Depth Below Ground Surface to Water Table:	7	ft
Unit Weight of Concrete:	150	pcf
Unit Weight of Soil Above Water Table:	125	pcf
Unit Weight of Water:	62.4	pcf
Unit Weight of Soil Below Water Table:	62.6	pcf
Friction Angle of Uplift:	15	°
Coefficient of Shear Friction:	0.35	-
Ultimate Compressive Bearing Pressure:	9,175	psf
Ultimate Passive Pressure on Pad Face:	1,385	psf
$f_{\text{Soil and Concrete Weight}}$ :	0.9	-
$f_{\text{Soil}}$ :	0.75	-

Foundation Steel Parameters		
Shear/Leg (Compression):	16.5	k
Shear/Leg (Uplift):	13.8	k
Concrete Strength ( $f'_c$ ):	3,000	psi
Pad Tension Steel Depth:	32.38	in
Dead Load Factor:	0.9	-
$f_{\text{Shear}}$ :	0.75	-
$f_{\text{Flexure / Tension}}$ :	0.9	-
$f_{\text{Compression}}$ :	0.65	-
b:	0.85	-
Bottom Pad Rebar Size #:	10	-
# of Bottom Pad Rebar:	36	-
Pad Bottom Steel Area:	45.72	in <sup>2</sup>
Pad Steel $F_y$ :	60,000	psi
Top Pad Rebar Size #:	5	-
# of Top Pad Rebar:	36	-
Pad Top Steel Area:	11.16	in <sup>2</sup>
Pier Rebar Size #:	11	-
Pier Steel Area (Single Bar):	1.56	in <sup>2</sup>
# of Pier Rebar:	14	-
Pier Steel $F_y$ :	60,000	psi
Pier Cage Diameter:	63.6	in
Rebar Strain Limit:	0.008	-
Steel Elastic Modulus:	29,000	ksi
Tie Rebar Size #:	4	-
Tie Steel Area (Single Bar):	0.20	in <sup>2</sup>
Tie Spacing:	12	in
Tie Steel $F_y$ :	60,000	psi
Clear Cover:	3	in

Overturning Moment Usage		
Design OTM:	2790.9	k-ft
OTM Resistance:	4071.0	k-ft
Design OTM / OTM Resistance:	69%	Pass

Soil Bearing Pressure Usage		
Net Bearing Pressure:	4394	psf
Factored Nominal Bearing Pressure:	6881	psf
Factored Nominal (Net) Bearing Pressure:	64%	Pass
Load Direction Controlling Design Bearing Pressure:	Diagonal to Pad Edge	

Sliding Factor of Safety		
Ultimate Friction Resistance:	159.7	k
Ultimate Passive Pressure Resistance:	68.6	k
Total Factored Sliding Resistance:	171.2	k
Sliding Design / Sliding Resistance:	15%	Pass



Pad Strength Capacity			
Factored One Way Shear ( $V_u$ ):	223.5	k	
One Way Shear Capacity ( $fV_c$ ):	455.3	k	ACI 318-14 25.5.5.1
$V_u / fV_c$ :	49%	Pass	
Load Direction Controlling Shear Capacity:	Diagonal to Pad Edge		
Lower Steel Pad Factored Moment ( $M_u$ ):	1306.5	k-ft	
Lower Steel Pad Moment Capacity ( $fM_n$ ):	5586.2	k-ft	ACI 318-14 22.3.1.1
$M_u / fM_n$ :	23%	Pass	
Load Direction Controlling Flexural Capacity:	Diagonal to Pad Edge		
Upper Steel Pad Factored Moment ( $M_u$ ):	401.0	k-ft	
Upper Steel Pad Moment Capacity ( $fM_n$ ):	1604.6	k-ft	
$M_u / fM_n$ :	25%	Pass	
Lower Pad Flexural Reinforcement Ratio:	0.0053		OK - ACI 318-14 7.6.1.1 & 8.6.1.1
Upper Pad Flexural Reinforcement Ratio:	0.0013		OK - ACI 318-14 7.6.1.1 & 8.6.1.1
Lower Pad Reinforcement Spacing:	7.4	in	OK - ACI 318-14 7.7.2.3, 8.7.2.2, & 24.4.3.3
Upper Pad Reinforcement Spacing:	7.4	in	OK - ACI 318-14 7.7.2.3, 8.7.2.2, & 24.4.3.3
Ultimate Punching Shear Stress, $v_u$ :	8.39	psi	ACI 318-14 R8.4.4.2.3
Nominal Punching Shear Capacity ( $f_c v_c$ ):	164.3	psi	ACI 318-14 22.6.5.2
$v_u / f_c v_c$ :	5%	Pass	
Pier Moment Pad Flexure Transfer Ratio, $\gamma_f$ :	0.60		TIA-222-H 9.4.2
Moment Transfer Effective Flexural Width, $B_{eff}$ :	15.00	ft	TIA-222-H 9.4.2
Moment Transfer Through Pad Flexure:	653.40	k-in	TIA-222-H 9.4.2
Moment Transfer Flexural Capacity ( $fM_{sc,f}$ ):	53427.10	k-in	
$g_f M_{sc} / fM_{sc,f}$ :	1%	Pass	

Pier Strength Capacity			
Factored Moment in Pier ( $M_u$ ):	90.8	k-ft	
Pier Moment Capacity ( $fM_n$ ):	3069.4	k-ft	
$M_u / fM_n$ :	3%	Pass	
Factored Shear in Pier ( $V_u$ ):	16.7	k	
Pier Shear Capacity ( $fV_n$ ):	422.8	k	ACI 318-14 22.5.1.1
$V_u / fV_c$ :	4%	Pass	
Pier Shear Reinforcement Ratio:	0.0005		OK - No Ties Necessary for Shear - ACI11.5.6.1
Factored Tension in Pier ( $T_u$ ):	0.0	k	
Pier Tension Capacity ( $fT_n$ ):	1179.4	k	
$T_u / fT_n$ :	0%	Pass	
Factored Compression in Pier ( $P_u$ ):	46.1	k	
Pier Compression Capacity ( $fP_n$ ):	5418.5	k	ACI 318-14 22.4.2.1
$P_u / fP_n$ :	1%	Pass	
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	
$M_u / f_B M_n + T_u / f_T T_n$ :	3%	Pass	



## Base Plate & Anchor Rod Analysis

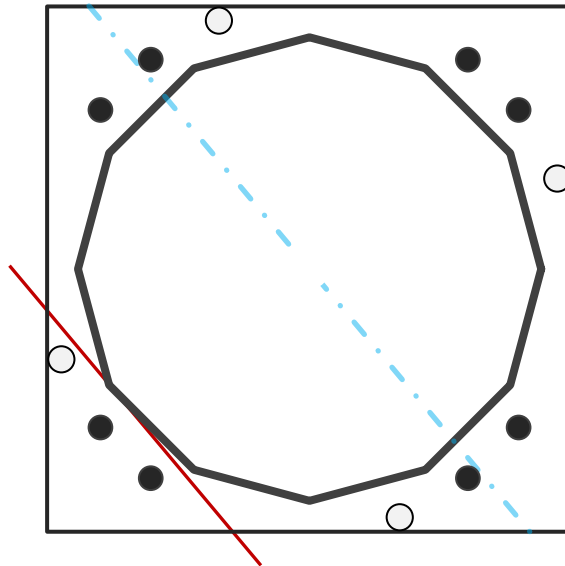
Pole Dimensions		
Number of Sides	12	-
Diameter	37.38	in
Thickness	3/8	in
Orientation Offset	0	°

Base Reactions		
Moment, Mu	2578.4	k-ft
Axial, Pu	46.1	k
Shear, Vu	25.0	k
Neutral Axis	130	°

Report Capacities		
Component	Capacity	Result
Base Plate	61%	Pass
Anchor Rods	89%	Pass
Dwyidag	72%	Pass

Base Plate		
Shape	Square	-
Width	44	in
Thickness	2 1/2	in
Grade	A572-60	
Yield Strength, Fy	60	ksi
Tensile Strength, Fu	75	ksi
Clip	0	in
Orientation Offset	0	°
Anchor Rod Detail	c	$\eta=0.55$
Clear Distance	N/A	in
Applied Moment, Mu	1263.9	k
Bending Stress, $\phi Mn$	2085.8	k

Dwyidag Reinforcement		
Quantity	4	-
Bar Size	#20	in
Diameter, $\phi$	2.5	in
Bracket Type	Angle	-
Circle	44.26	in
Orientation Offset	20	°
Applied Force, Pu	263.5	k
Dwyidag Bar, $\phi Pn$	368.2	k



Original Anchor Rods		
Arrangement	Cluster	-
Quantity	8	-
Diameter, $\phi$	2 1/4	in
Bolt Circle	44	in
Grade	A615-75	
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Spacing	6.0	in
Orientation Offset	0	°
Applied Force, Pu	215.8	k
Anchor Rods, $\phi Pn$	243.6	k

# Calculations for Monopole Base Plate & Anchor Rod Analysis

## Reaction Distribution

Reaction	Shear Vu	Moment Mu	Factor
-	k	k-ft	-
Base Forces	25.0	1560.2	0.61
Anchor Rod Forces	25.0	1560.2	0.61
Additional Bolt (Grp1) Forces	0.0	0.0	0.00
Additional Bolt (Grp2) Forces	0.0	0.0	0.00
Dywidag Forces	0.0	1018.2	0.39
Stiffener Forces	0.0	0.0	0.00

## Geometric Properties

Section	Gross Area	Net Area	Individual Inertia	Threads per Inch	Moment of Inertia
-	in <sup>2</sup>	in <sup>2</sup>	in <sup>4</sup>	#	in <sup>4</sup>
Pole	43.0992	3.5916	0.1692		7379.37
Bolt	3.9761	3.2477	0.8393	4.5	6294.24
Bolt1	0.0000	0.0000	0.0000	0	0.00
Bolt2	0.0000	0.0000	0.0000	0	0.00
Dywidag	4.9087	4.9087	1.9175		4815.65
Stiffener	0.0000	0.0000	0.0000		0.00

### Base Plate

Shape	Square	-
Width, W	44	in
Thickness, t	2.5	in
Yield Strength, Fy	60	ksi
Tensile Strength, Fu	75	ksi
Base Plate Chord	23.211	in
Detail Type	c	-
Detail Factor	0.55	-
Clear Distance	N/A	-

### Anchor Rods

Anchor Rod Quantity, N	8	-
Rod Diameter, d	2.25	in
Bolt Circle, BC	44	in
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Applied Axial, Pu	215.8	k
Applied Shear, Vu	0.3	k
Compressive Capacity, $\phi P_n$	243.6	k
Tensile Capacity, $\phi R_n$	0.886	OK
Interaction Capacity	0.888	OK

### External Base Plate

Chord Length AA	24.720	in
Additional AA	0.000	in
Section Modulus, Z	38.626	in <sup>3</sup>
Applied Moment, Mu	1263.9	k-ft
Bending Capacity, $\phi M_n$	2085.8	k-ft
Capacity, $M_u/\phi M_n$	0.606	OK

Chord Length AB	23.397	in
Additional AB	0.000	in
Section Modulus, Z	36.558	in <sup>3</sup>
Applied Moment, Mu	981.7	k-ft
Bending Capacity, $\phi M_n$	1974.2	k-ft
Capacity, $M_u/\phi M_n$	0.497	OK

Bend Line Length	0.000	in
Additional Bend Line	0.000	in
Section Modulus, Z	0.000	in <sup>3</sup>
Applied Moment, Mu	0.0	k-ft
Bending Capacity, $\phi M_n$	0.0	k-ft
Capacity, $M_u/\phi M_n$		

### Internal Base Plate

Arc Length	0.000	in
Section Modulus, Z	0.000	in <sup>3</sup>
Moment Arm	0.000	in
Applied Moment, Mu	0.0	k-ft
Bending Capacity, $\phi M_n$	0.0	k-ft
Capacity, $M_u/\phi M_n$		

### Dywidag Reinforcement

Dywidag Quantity, N	4	-
Dywidag Diameter, d	2.5	in
Bolt Circle, BC	44.26	in
Yield Strength, Fy	80	ksi
Tensile Strength, Fu	100	ksi
Applied Axial, Pu	263.5	k
Compressive Capacity, $\phi P_n$	368.2	k
Capacity, $P_u/\phi P_n$	0.716	OK

# Flange Plate Analysis

Flange Plate	Plate Type	<b>Flange</b>	<b>@ 110 ft</b>
	Pole Diameter	21.25	in
	Pole Thickness	0.1875	in
	Plate Diameter	28.5	in
	Plate Thickness	1	in
	Plate Fy	50	ksi
	Weld Length	3/16	in
	f <sub>s</sub> Resistance Applied	117.26 20.18	k-in k-in

Code Rev.	<b>H</b>
Moment	359.2 k-ft
Axial	11.9 k

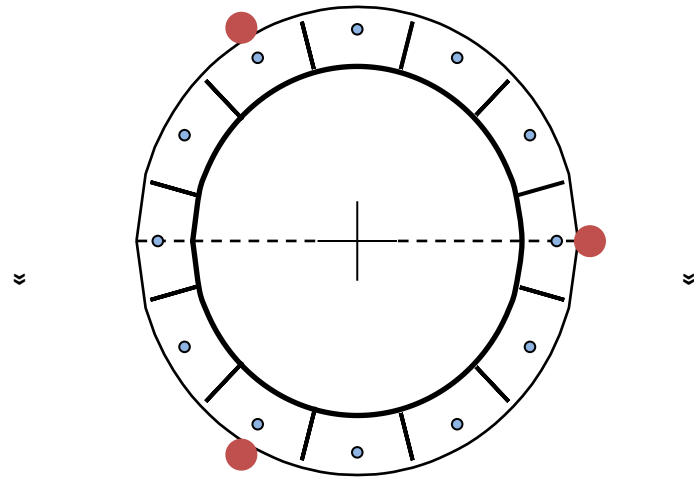
Date	5/10/2021
Engineer	OTO
Site #	302482
Carrier	AT&T MOBILITY

Stiffeners	#	<b>12</b>	<b>Show</b>
	Thickness	1/2	in
	Length	4	in
	Height	3	in
	Chamfer	1/4	in
	Offset Angle	0	°
	Fy	36	ksi

Bolts	#	<b>12</b>	
	Bolt Circle (R)adial / (S)quare	25.75 R	in
	Diameter	1	in
	Hole Diameter	1 1/8	in
	Type	A325	
	Fy	92	ksi
	Fu	120	ksi
	f <sub>s</sub> Resistance Applied	54.52 13.45	k k

Reinforcement	#	<b>3</b>	
	DYW. Circle	30	in
	Offset Angle	0	°
	Type	#20	
	Diameter	2.72	in
	Fu	100	ksi
	f <sub>s</sub> Resistance Applied	464.86 122.44	k k

Extra Bolts	O	#	
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**Plate Stress Ratio:**  
17% Pass

**Bolt Stress Ratio:**  
25% Pass

**Reinforcement Stress Ratio:**  
26% Pass



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## Replacement Antenna Mount Analysis Report and PMI Requirements

Mount Analysis-R

SMART Tool Project #: 10050385  
Maser Consulting Connecticut Project #: 21777439A

October 1, 2021

### Site Information

Site ID: 468218-VZW / NORTH HAVEN 2 CT  
Site Name: NORTH HAVEN 2 CT  
Carrier Name: Verizon Wireless  
Address: 15 Dwight St  
North Haven, Connecticut 06473  
New Haven County  
Latitude: 41.420792°  
Longitude: -72.848803°

### Structure Information

Tower Type: 150-Ft Monopole  
Mount Type: 12.50-Ft Platform

FUZE ID # 16227596

### Analysis Results

Platform: 61.2% Pass

### \*\*\*Contractor PMI Requirements:

**Included at the end of this MA report**

**Available & Submitted via portal at <https://pmi.vzwsmart.com>**

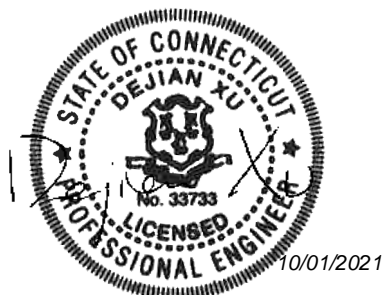
**Contractor - Please Review Specific Site PMI Requirements Upon Award**

**Requirements may also be Noted on A & E drawings**

**For additional questions and support, please reach out to:**

**[pmisupport@colliersengineering.com](mailto:pmisupport@colliersengineering.com)**

Report Prepared By: Sarah Ali



**Executive Summary:**

The objective of this report is to determine the capacity of the proposed antenna support mount at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards. The proposed mount was assumed to be installed properly to the existing tower per the manufacturer’s instructions. Maser Consulting Connecticut cannot verify that the proposed mount will fit properly and is not liable for any fit-up issues during installation.

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: 674996, dated June 24, 2021
Mount Specification Sheet	Site Pro 1, Part #: RMQP-496 & Site Pro 1, Part #: HRK12

**Analysis Criteria:**

Codes and Standards:	ANSI/TIA-222-H
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), $V_{ULT}$ : 120 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, $K_e$ : 0.999
Seismic Parameters:	$S_s$ : 0.204 g $S_1$ : 0.054 g
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Live Load, $L_v$ : 250 lbs. Maintenance Live Load, $L_m$ : 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
106.50	108.00	6	Commscope	JAHH-65B-R3B	Retained
		3	Andrew	LNX-6514DS-VTM	
		1	Raycap	OVP-12	
		3	Samsung	MT6407-77A	Added
		3	Samsung	XXDWMM-12.5-65	
		3	Commscope	CBC78T-DS-43	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	

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.

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.
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:**

<b>Component</b>	<b>Utilization %</b>	<b>Pass/Fail</b>
<i>Support Rail Brace</i>	<i>52.6 %</i>	<i>Pass</i>
<i>Support Rail</i>	<i>47.9 %</i>	<i>Pass</i>
<i>Standoff Horizontal</i>	<i>41.0 %</i>	<i>Pass</i>
<i>Platform Crossmember</i>	<i>18.3 %</i>	<i>Pass</i>
<i>Mount Pipe</i>	<i>61.2 %</i>	<i>Pass</i>
<i>Grating Support</i>	<i>16.7 %</i>	<i>Pass</i>
<i>Face Horizontal</i>	<i>19.8 %</i>	<i>Pass</i>
<i>Cross Arm Plate</i>	<i>35.5 %</i>	<i>Pass</i>
<i>Corner Plate</i>	<i>19.9 %</i>	<i>Pass</i>
<i>Connection Check</i>	<i>56.7%</i>	<i>Pass</i>

<b>Structure Rating – (Controlling Utilization of all Components)</b>	<b>61.2%</b>
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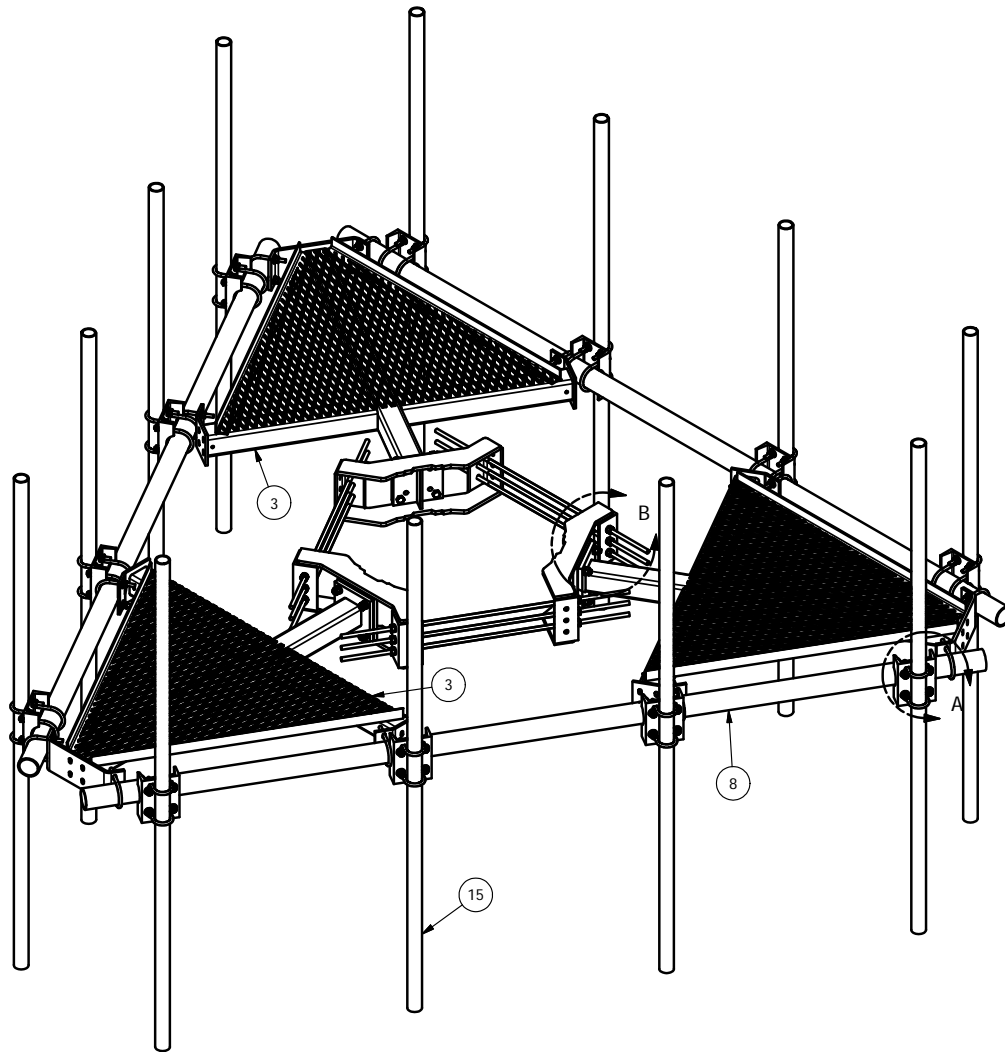
**Recommendation:**

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

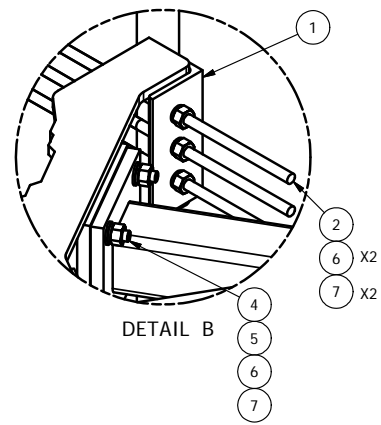
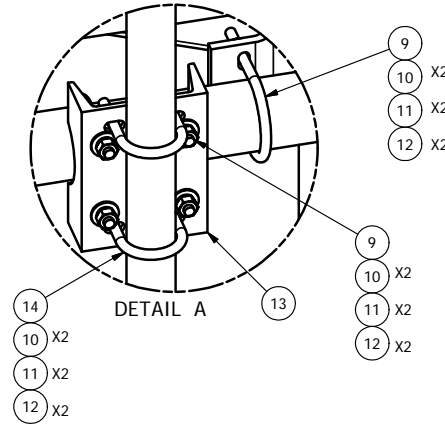
ANSI/ASSP rigging plan review services compliant with the requirements of ANSI/TIA 322 are available for a Construction Class IV site or other, if required. Separate review fees will apply.

**Attachments:**

1. Mount Specification Sheets
2. Analysis Calculations
- 3. Contractor Required Post Installation Inspection (PMI) Report Deliverables**
4. Antenna Placement Diagrams
5. TIA Adoption and Wind Speed Usage Letter



PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	X-LWRM	RING MOUNT WELDMENT		68.81	206.42
2	9	G58R-48	5/8" x 48" THREADED ROD (HDG.)		0.40	3.59
2	9	G58R-24	5/8" x 24" THREADED ROD (HDG.)		0.40	3.59
3	3	X-SV196	LOW PROFILE PLATFORM CORNER		212.10	636.31
4	12	A58234	5/8" x 2-3/4" HDG A325 HEX BOLT	2.75	0.36	4.27
5	12	A58FW	5/8" HDG A325 FLATWASHER		0.03	0.41
6	30	G58LW	5/8" HDG LOCKWASHER		0.03	0.78
7	30	A58NUT	5/8" HDG A325 HEX NUT		0.13	3.90
8	3	P3150	3-1/2" X 150" SCH 40 GALVANIZED PIPE	150.000 in	94.80	284.40
9	36	X-UB1306	1/2" X 3-5/8" X 6" X 3" U-BOLT (HDG.)		0.26	9.25
10	120	G12FW	1/2" HDG USS FLATWASHER		0.03	4.09
11	120	G12LW	1/2" HDG LOCKWASHER		0.01	1.67
12	120	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	8.60
13	12	X-SP219	SMALL SUPPORT CROSS PLATE	8.250 in	8.61	103.33
14	24	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.26	6.17
15	12	B	ANTENNA MOUNTING PIPE	C	D	E



2-3/8" O.D. VERTICAL MOUNTING PIPES					
ASSEMBLY NO. "A"	PART NO. "B"	LENGTH, "C"	UNIT WEIGHT, "D"	NET WEIGHT, "E"	TOTAL WEIGHT
RMQP-463	P263	63"	20.18	242.16	1591.11
RMQP-472	P272	72"	23.07	276.84	1625.79
RMQP-484	P284	84"	26.91	322.92	1671.87
RMQP-496	P296	96"	30.76	369.12	1718.07
RMQP-4126	P2126	126"	40.75	489.00	1837.95

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	ADDED 10' 6" ANTENNA MOUNTING PIPES	CEK		7/9/2015
REVISION HISTORY				

**TOLERANCE NOTE**  
**TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE: SAWED, SHEARED AND GAS CUT EDGES (± 0.030")**  
**DRILLED AND GAS CUT HOLES (± 0.030") - NO CONING OF HOLES**  
**LASER CUT EDGES AND HOLES (± 0.010") - NO CONING OF HOLES**  
**BENDS ARE ± 1/2 DEGREE - ALL OTHER MACHINING (± 0.030")**  
**ALL OTHER ASSEMBLY (± 0.060")**

**PROPRIETARY NOTE**  
 THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.

**DESCRIPTION**  
 LOW PROFILE CO-LOCATION PLATFORM  
 FOR 12 ANTENNAS WITH 12' 6" FACE WIDTH  
 FOR 12" - 38" DIAMETER POLES

**DRAWN BY**  
 CEK 1/20/2012

**CPD NO.**  
 semb

**DRAWING USAGE**  
 CUSTOMER

**ENG. APPROVAL**  
 BMC

**CHECKED BY**  
 7/9/2015

**SITE PRO 1**  
 Engineering Support Team:  
 1-888-753-7446

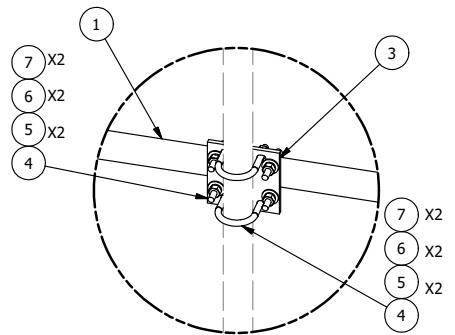
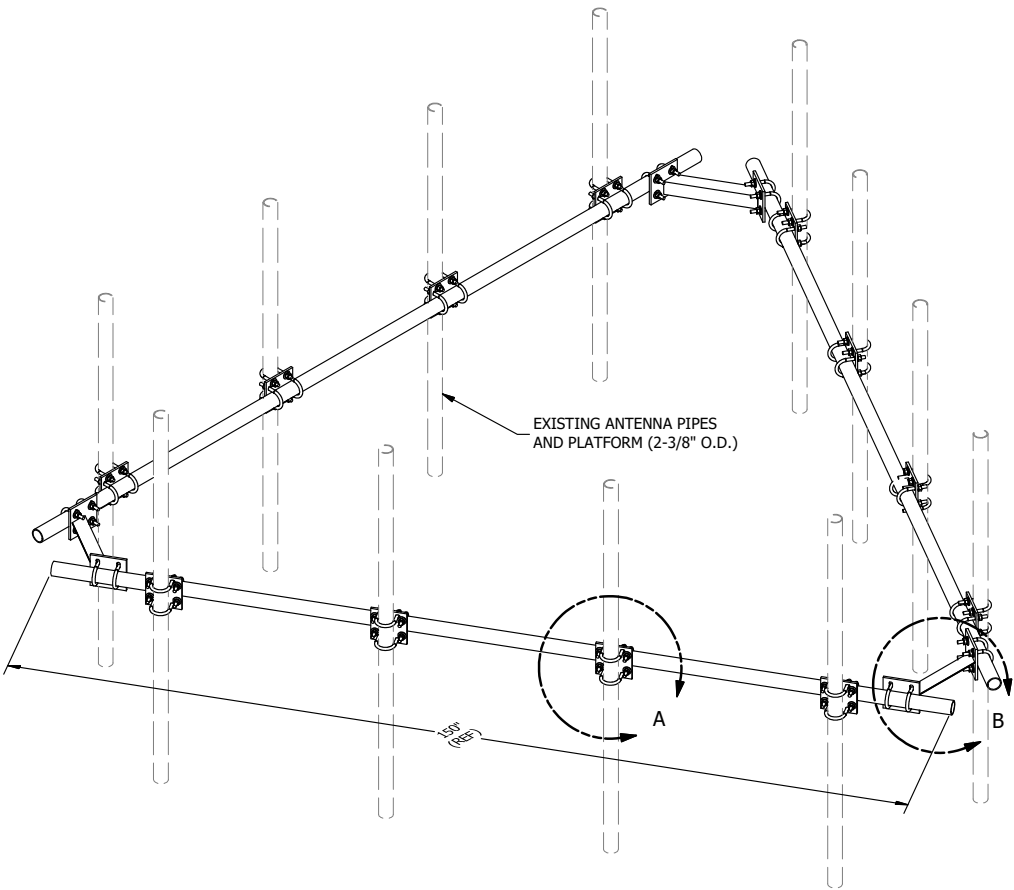
**Locations:**  
 New York, NY  
 Atlanta, GA  
 Los Angeles, CA  
 Plymouth, IN  
 Salem, OR  
 Dallas, TX

**PART NO.**  
 SEE ASSEMBLY NO. "A"

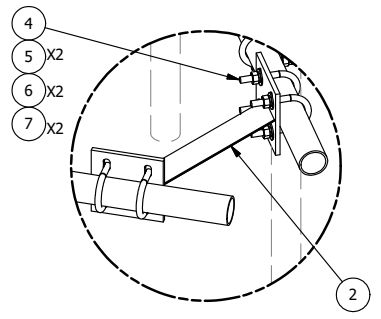
**DWG. NO.**  
 RMQP-4XX

**PAGE 2**

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	P2150	2-3/8" O.D. X 150" SCH 40 GALVANIZED PIPE	150 in	45.77	137.31
2	3	X-AHCP	ANGLE HANDRAIL CORNER PLATE		12.92	38.76
3	12	SCX1	CROSSOVER PLATE 2-3/8" X 2-3/8"	6 in	3.71	44.50
4	60	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.63	37.51
5	120	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	4.09
6	120	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	1.67
7	120	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	8.60
TOTAL WT. #						272.43



DETAIL A




DETAIL B

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	REPLACED HCP WITH X-AHCP	CEK		7/10/2014
REVISION HISTORY				

**TOLERANCE NOTES**  
**TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:**  
**SAWED, SHEARED AND GAS CUT EDGES ( $\pm 0.030"$ )**  
**DRILLED AND GAS CUT HOLES ( $\pm 0.030"$ ) - NO CONING OF HOLES**  
**LASER CUT EDGES AND HOLES ( $\pm 0.010"$ ) - NO CONING OF HOLES**  
**BENDS ARE  $\pm 1/2$  DEGREE**  
**ALL OTHER MACHINING ( $\pm 0.030"$ )**  
**ALL OTHER ASSEMBLY ( $\pm 0.060"$ )**

PROPRIETARY NOTE:  
 THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.

DESCRIPTION			
<b>HANDRAIL KIT FOR 12'-6" FACE</b>			
CPD NO.	DRAWN BY	ENG. APPROVAL	
	KC8 5/30/2012		
CLASS	SUB	DRAWING USAGE	CHECKED BY
81	01	CUSTOMER	BMC 7/13/2014

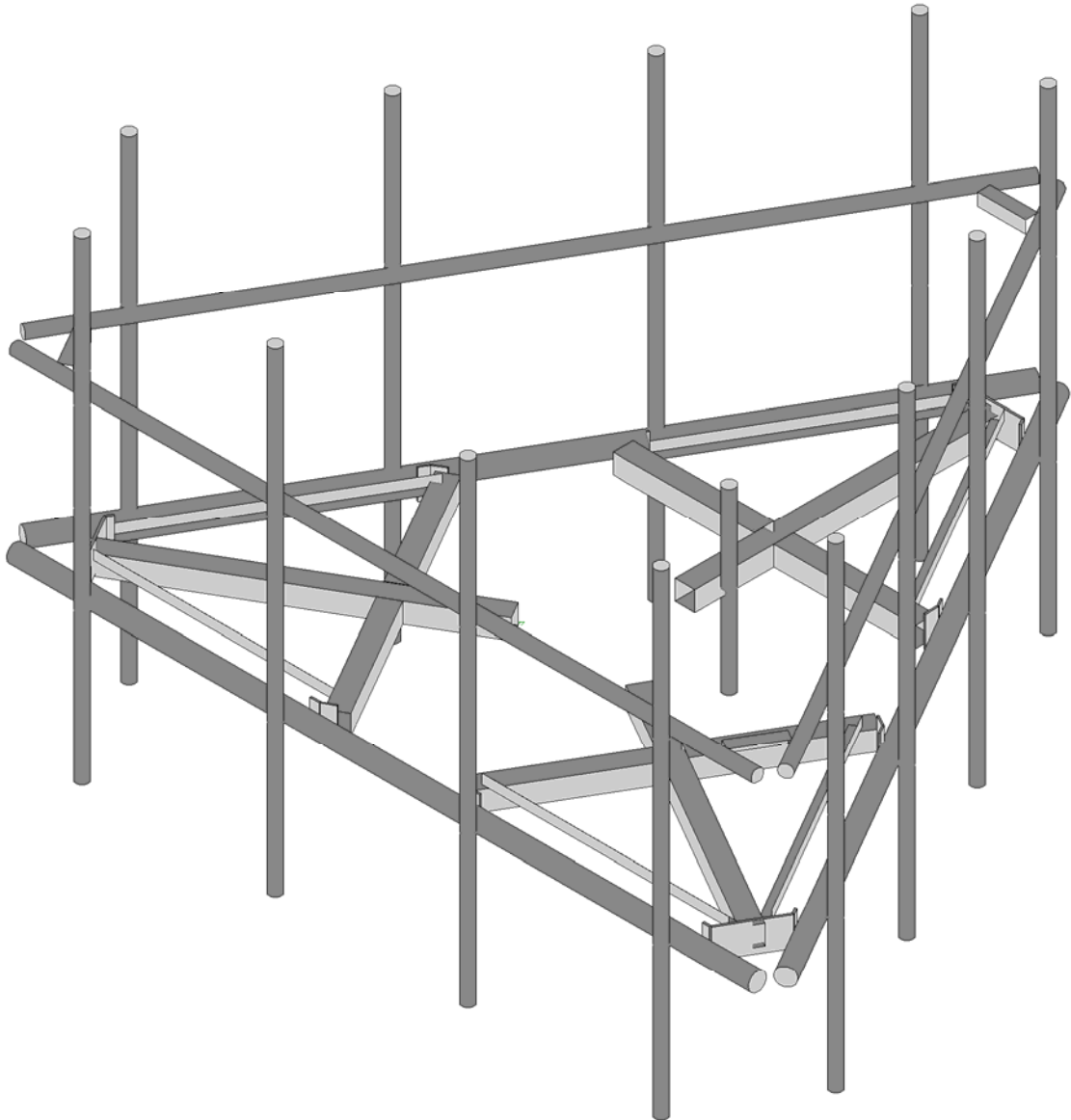


**A valmont COMPANY**

**Locations:**  
 New York, NY  
 Atlanta, GA  
 Los Angeles, CA  
 Plymouth, IN  
 Salem, OR  
 Dallas, TX

Engineering Support Team:  
 1-888-753-7446

PART NO.	<b>HRK12</b>	PAGE 1 OF 1
DWG. NO.	<b>HRK12</b>	

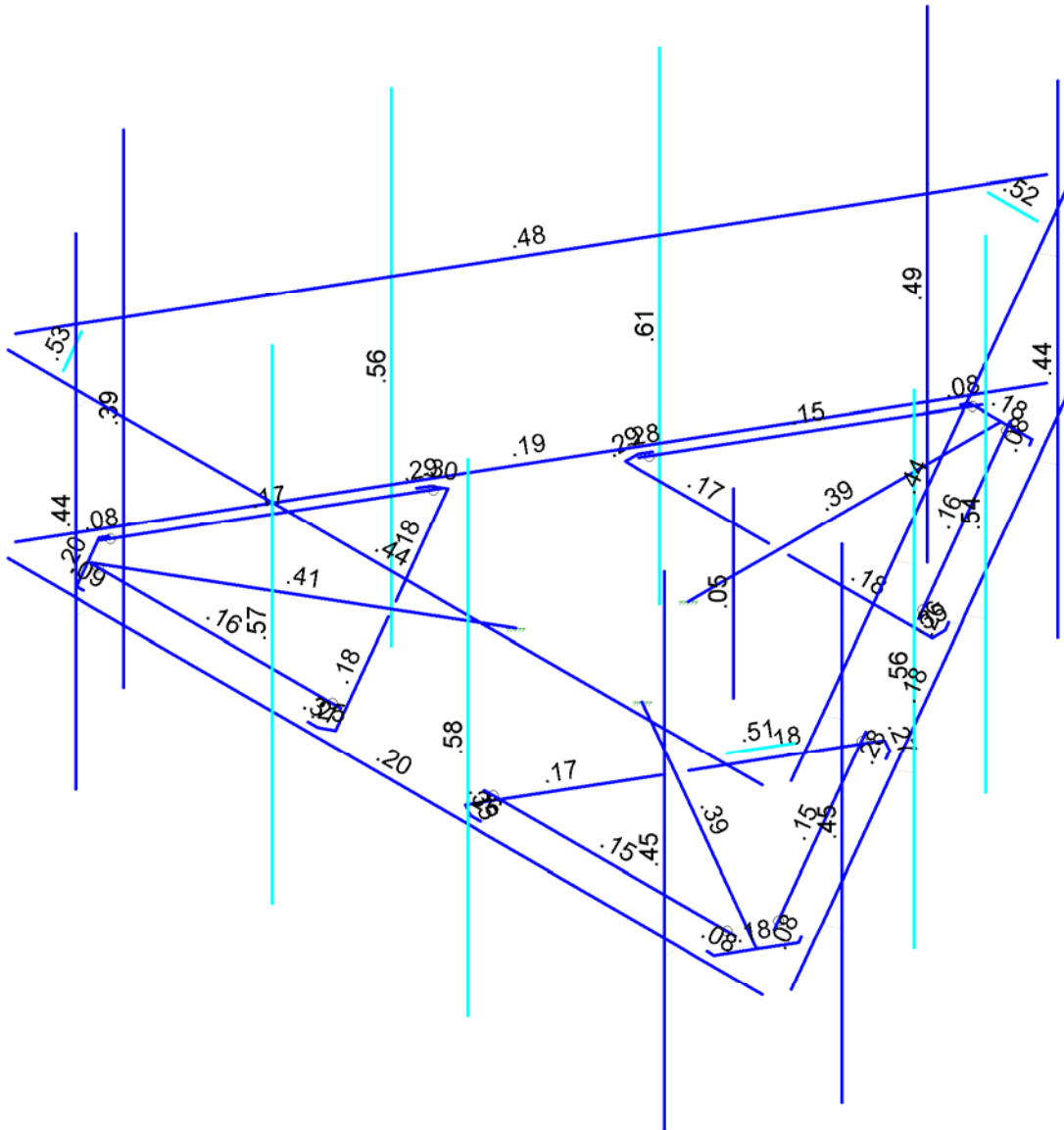
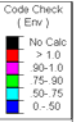


Envelope Only Solution

Maser Consulting
SEA

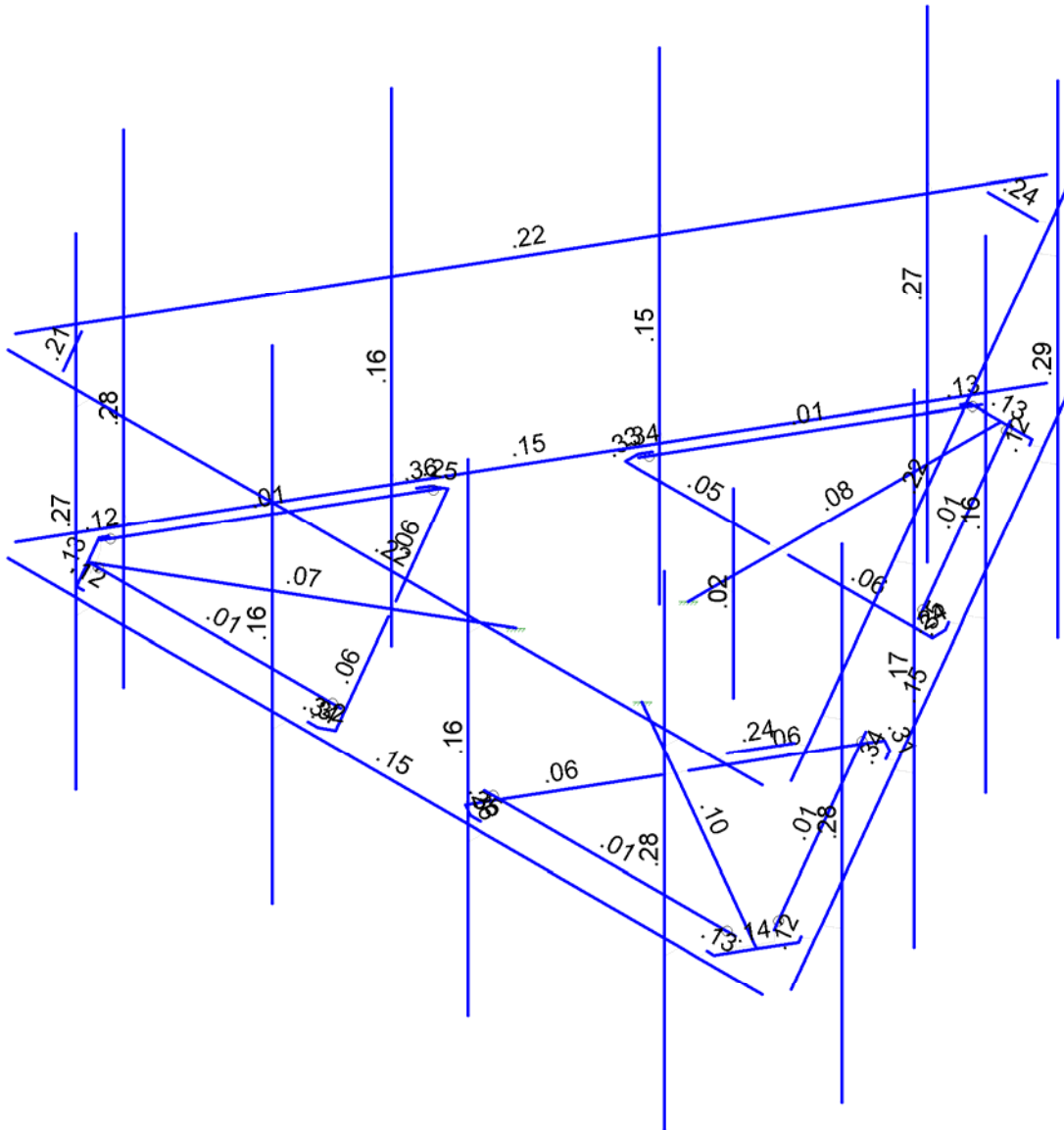
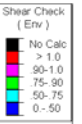
Mount Analysis
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SK - 1
Sept 30, 2021 at 5:17 PM
468218-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)  
Envelope Only Solution

Maser Consulting	Mount Analysis	SK - 2
SEA		Sept 30, 2021 at 5:18 PM
		468218-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)  
Envelope Only Solution

Maser Consulting	Mount Analysis	SK - 3
SEA		Sept 30, 2021 at 5:18 PM
		468218-VZW_MT_LO_H.r3d



Company : Maser Consulting  
 Designer : SEA  
 Job Number :  
 Model Name : Mount Analysis

Sept 30, 2021  
 5:20 PM  
 Checked By: DX

### Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
1	Antenna D	None					111		
2	Antenna Di	None					111		
3	Antenna Wo (0 Deg)	None					111		
4	Antenna Wo (30 Deg)	None					111		
5	Antenna Wo (60 Deg)	None					111		
6	Antenna Wo (90 Deg)	None					111		
7	Antenna Wo (120 Deg)	None					111		
8	Antenna Wo (150 Deg)	None					111		
9	Antenna Wo (180 Deg)	None					111		
10	Antenna Wo (210 Deg)	None					111		
11	Antenna Wo (240 Deg)	None					111		
12	Antenna Wo (270 Deg)	None					111		
13	Antenna Wo (300 Deg)	None					111		
14	Antenna Wo (330 Deg)	None					111		
15	Antenna Wi (0 Deg)	None					111		
16	Antenna Wi (30 Deg)	None					111		
17	Antenna Wi (60 Deg)	None					111		
18	Antenna Wi (90 Deg)	None					111		
19	Antenna Wi (120 Deg)	None					111		
20	Antenna Wi (150 Deg)	None					111		
21	Antenna Wi (180 Deg)	None					111		
22	Antenna Wi (210 Deg)	None					111		
23	Antenna Wi (240 Deg)	None					111		
24	Antenna Wi (270 Deg)	None					111		
25	Antenna Wi (300 Deg)	None					111		
26	Antenna Wi (330 Deg)	None					111		
27	Antenna Wm (0 Deg)	None					111		
28	Antenna Wm (30 Deg)	None					111		
29	Antenna Wm (60 Deg)	None					111		
30	Antenna Wm (90 Deg)	None					111		
31	Antenna Wm (120 De...	None					111		
32	Antenna Wm (150 De...	None					111		
33	Antenna Wm (180 De...	None					111		
34	Antenna Wm (210 De...	None					111		
35	Antenna Wm (240 De...	None					111		
36	Antenna Wm (270 De...	None					111		
37	Antenna Wm (300 De...	None					111		
38	Antenna Wm (330 De...	None					111		
39	Structure D	None		-1					3
40	Structure Di	None						58	3
41	Structure Wo (0 Deg)	None						116	
42	Structure Wo (30 Deg)	None						116	
43	Structure Wo (60 Deg)	None						116	
44	Structure Wo (90 Deg)	None						116	
45	Structure Wo (120 D...	None						116	
46	Structure Wo (150 D...	None						116	
47	Structure Wo (180 D...	None						116	
48	Structure Wo (210 D...	None						116	
49	Structure Wo (240 D...	None						116	
50	Structure Wo (270 D...	None						116	
51	Structure Wo (300 D...	None						116	
52	Structure Wo (330 D...	None						116	
53	Structure Wi (0 Deg)	None						116	

### Basic Load Cases (Continued)

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

### Load Combinations

	Description	So...	P...	S...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1		
2	1.2D+1.0Wo (30 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1		
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1		
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1		
5	1.2D+1.0Wo (120 D..	Yes	Y		1	1.2	39	1.2	7	1	45	1		
6	1.2D+1.0Wo (150 D..	Yes	Y		1	1.2	39	1.2	8	1	46	1		
7	1.2D+1.0Wo (180 D..	Yes	Y		1	1.2	39	1.2	9	1	47	1		
8	1.2D+1.0Wo (210 D..	Yes	Y		1	1.2	39	1.2	10	1	48	1		
9	1.2D+1.0Wo (240 D..	Yes	Y		1	1.2	39	1.2	11	1	49	1		
10	1.2D+1.0Wo (270 D..	Yes	Y		1	1.2	39	1.2	12	1	50	1		
11	1.2D+1.0Wo (300 D..	Yes	Y		1	1.2	39	1.2	13	1	51	1		
12	1.2D+1.0Wo (330 D..	Yes	Y		1	1.2	39	1.2	14	1	52	1		
13	1.2D + 1.0Di + 1.0W..	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1
14	1.2D + 1.0Di + 1.0W..	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1
15	1.2D + 1.0Di + 1.0W..	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1
16	1.2D + 1.0Di + 1.0W..	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1
17	1.2D + 1.0Di + 1.0W..	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1
18	1.2D + 1.0Di + 1.0W..	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1
19	1.2D + 1.0Di + 1.0W..	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1
20	1.2D + 1.0Di + 1.0W..	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1
21	1.2D + 1.0Di + 1.0W..	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1
22	1.2D + 1.0Di + 1.0W..	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1
23	1.2D + 1.0Di + 1.0W..	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1





**Load Combinations (Continued)**

Description	So...	P...	S...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...
24	1.2D + 1.0Di + 1.0W...	Yes	Y	1	1.2	39	1.2	2	1	40	1	26	1	64 1
25	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	27	1	65	1	
26	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	28	1	66	1	
27	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	29	1	67	1	
28	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	30	1	68	1	
29	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	31	1	69	1	
30	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	32	1	70	1	
31	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	33	1	71	1	
32	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	34	1	72	1	
33	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	35	1	73	1	
34	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	36	1	74	1	
35	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	37	1	75	1	
36	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	38	1	76	1	
37	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	27	1	65	1	
38	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	28	1	66	1	
39	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	29	1	67	1	
40	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	30	1	68	1	
41	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	31	1	69	1	
42	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	32	1	70	1	
43	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	33	1	71	1	
44	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	34	1	72	1	
45	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	35	1	73	1	
46	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	36	1	74	1	
47	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	37	1	75	1	
48	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	38	1	76	1	
49	1.2D + 1.5Lv1	Yes	Y	1	1.2	39	1.2	79	1.5					
50	1.2D + 1.5Lv2	Yes	Y	1	1.2	39	1.2	80	1.5					
51	1.4D	Yes	Y	1	1.4	39	1.4							
52	Seismic Mass		Y	1	1	39	1							
53	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX		SY	1	SZ	-1	
54	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866	
55	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5	
56	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX	1	SY	1	SZ		
57	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX	.866	SY	1	SZ	.5	
58	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX	.5	SY	1	SZ	.866	
59	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX		SY	1	SZ	1	
60	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866	
61	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5	
62	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX	-1	SY	1	SZ		
63	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5	
64	1.2D + 1.0Ev + 1.0E...		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	N1	6.25	0	3.810523	0	
2	N2	-6.25	0	3.810523	0	
3	N3	0	0	-1.208333	0	
4	N5	-2.541667	0	-2.708333	0	
5	N6	2.315104	0.166667	-2.708333	0	
6	N7	-2.315104	0.166667	-2.708333	0	
7	N8	4.875	0	3.810523	0	
8	N9	4.875	0	4.060523	0	
9	N10	-4.875	0	3.810523	0	
10	N11	-4.875	0	4.060523	0	
11	N12	1.625	0	3.810523	0	



**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
12	N13	1.625	0	4.060523	0	
13	N14	-1.625	0	3.810523	0	
14	N15	-1.625	0	4.060523	0	
15	N16	-1.625	-2.5	4.060523	0	
16	N17	-1.625	5.5	4.060523	0	
17	N18	-4.875	-2.5	4.060523	0	
18	N19	-4.875	5.5	4.060523	0	
19	N20	1.625	-2.5	4.060523	0	
20	N21	1.625	5.5	4.060523	0	
21	N22	4.875	-2.5	4.060523	0	
22	N23	4.875	5.5	4.060523	0	
23	N24	0	0	-2.708333	0	
24	N27	0	0	-6.395833	0	
25	CP	0	0	0	0	
26	N29	2.315104	0	-2.708333	0	
27	N30	-2.315104	0	-2.708333	0	
28	N101	2.541667	0	-2.708333	0	
29	N102	-0.166667	0	-2.708333	0	
30	N103A	0.166667	0	-2.708333	0	
31	N104A	-2.541667	0	-2.927083	0	
32	N105	2.541667	0	-2.927083	0	
33	N131	2.458333	0	-3.071421	0	
34	N135	0.571615	0	-6.298857	0	
35	N144	-2.458333	0	-3.071421	0	
36	N148	-0.571615	0	-6.298857	0	
37	N86A	2.584629	0	-3.144338	0	
38	N86B	-2.584629	0	-3.144338	0	
39	N86C	-0.515625	0	-6.395833	0	
40	N87A	0.515625	0	-6.395833	0	
41	N86D	0.715429	0	-6.381888	0	
42	N86E	-0.715429	0	-6.381888	0	
43	N88A	0	0	-6.3125	0	
44	N87C	0.234238	0.166667	-6.3125	0	
45	N86G	0.234238	0	-6.3125	0	
46	N87B	-0.234238	0.166667	-6.3125	0	
47	N88C	-0.234238	0	-6.3125	0	
48	N87D	-1.046447	0	0.604167	0	
49	N88B	-1.074652	0	3.555315	0	
50	N89	-3.503038	0.166667	-0.650772	0	
51	N90	-1.187933	0.166667	3.359106	0	
52	N91	-2.345485	0	1.354167	0	
53	N92	-5.538954	0	3.197917	0	
54	N93	-3.503038	0	-0.650772	0	
55	N94	-1.187933	0	3.359106	0	
56	N95	-3.616319	0	-0.846981	0	
57	N96	-2.262152	0	1.498504	0	
58	N97	-2.428819	0	1.209829	0	
59	N98	-1.264095	0	3.66469	0	
60	N99	-3.805762	0	-0.737606	0	
61	N100	-3.889095	0	-0.593269	0	
62	N101A	-5.740777	0	2.654396	0	
63	N102A	-1.430762	0	3.66469	0	
64	N103	-5.169162	0	3.644461	0	
65	N104	-4.015391	0	-0.666185	0	
66	N105A	-1.430762	0	3.810523	0	
67	N106	-5.281142	0	3.644461	0	
68	N107	-5.796767	0	2.751372	0	



**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
69	N108	-5.884591	0	2.571364	0	
70	N109	-5.169162	0	3.810523	0	
71	N110	-5.466785	0	3.15625	0	
72	N111	-5.583904	0.166667	2.953394	0	
73	N112	-5.583904	0	2.953394	0	
74	N113	-5.349667	0.166667	3.359106	0	
75	N114	-5.349667	0	3.359106	0	
76	N115	1.046447	0	0.604167	0	
77	N116	3.616319	0	-0.846981	0	
78	N117	1.187933	0.166667	3.359106	0	
79	N118	3.503038	0.166667	-0.650772	0	
80	N119	2.345485	0	1.354167	0	
81	N120	5.538954	0	3.197917	0	
82	N121	1.187933	0	3.359106	0	
83	N122	3.503038	0	-0.650772	0	
84	N123	1.074652	0	3.555315	0	
85	N124	2.428819	0	1.209829	0	
86	N125	2.262152	0	1.498504	0	
87	N126	3.805762	0	-0.737606	0	
88	N127	1.264095	0	3.66469	0	
89	N128	1.430762	0	3.66469	0	
90	N129	5.169162	0	3.644461	0	
91	N130	3.889095	0	-0.593269	0	
92	N131A	5.740777	0	2.654396	0	
93	N132	1.430762	0	3.810523	0	
94	N133	4.015391	0	-0.666186	0	
95	N134	5.796767	0	2.751372	0	
96	N135A	5.281142	0	3.644461	0	
97	N136	5.169162	0	3.810523	0	
98	N137	5.884591	0	2.571364	0	
99	N138	5.466785	0	3.15625	0	
100	N139	5.349667	0.166667	3.359106	0	
101	N140	5.349667	0	3.359106	0	
102	N141	5.583904	0.166667	2.953394	0	
103	N142	5.583904	0	2.953394	0	
104	N104B	0.17501	0	-7.31792	0	
105	N105B	6.42501	0	3.507397	0	
106	N124A	-6.42501	0	3.507397	0	
107	N125A	-0.17501	0	-7.31792	0	
108	N144A	6.25	3	3.810523	0	
109	N145	-6.25	3	3.810523	0	
110	N146	4.875	3	3.810523	0	
111	N147	4.875	3	4.060523	0	
112	N148A	-4.875	3	3.810523	0	
113	N149	-4.875	3	4.060523	0	
114	N150	1.625	3	3.810523	0	
115	N151	1.625	3	4.060523	0	
116	N152	-1.625	3	3.810523	0	
117	N153	-1.625	3	4.060523	0	
118	N154	0.17501	3	-7.31792	0	
119	N155	6.42501	3	3.507397	0	
120	N156	-6.42501	3	3.507397	0	
121	N157	-0.17501	3	-7.31792	0	
122	N174	-5.5	3	3.810523	0	
123	N175	5.5	3	3.810523	0	
124	N176	-5.5	3	3.643857	0	
125	N177	5.5	3	3.643857	0	



Company : Maser Consulting  
 Designer : SEA  
 Job Number :  
 Model Name : Mount Analysis

Sept 30, 2021  
 5:20 PM  
 Checked By: DX

**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
126	N178	6.05001	3	2.857878	0	
127	N179	0.55001	3	-6.668401	0	
128	N180	5.905672	3	2.941211	0	
129	N181	0.405672	3	-6.585068	0	
130	N182	-0.55001	3	-6.668401	0	
131	N183	-6.05001	3	2.857878	0	
132	N184	-0.405672	3	-6.585068	0	
133	N185	-5.905672	3	2.941211	0	
134	ACL	-4.875	1.5	4.060523	0	
135	N135B	0.86251	0	-6.127135	0	
136	N136A	1.079016	0	-6.252135	0	
137	N137A	5.73751	0	2.316612	0	
138	N138A	5.954016	0	2.191612	0	
139	N139A	2.48751	0	-3.312553	0	
140	N140A	2.704016	0	-3.437553	0	
141	N141A	4.11251	0	-0.49797	0	
142	N142A	4.329016	0	-0.62297	0	
143	N143	4.329016	-2.5	-0.62297	0	
144	N144B	4.329016	5.5	-0.62297	0	
145	N145A	5.954016	-2.5	2.191612	0	
146	N146A	5.954016	5.5	2.191612	0	
147	N147A	2.704016	-2.5	-3.437553	0	
148	N148B	2.704016	5.5	-3.437553	0	
149	N149A	1.079016	-2.5	-6.252135	0	
150	N150A	1.079016	5.5	-6.252135	0	
151	N151A	0.86251	3	-6.127135	0	
152	N152A	1.079016	3	-6.252135	0	
153	N153A	5.73751	3	2.316612	0	
154	N154A	5.954016	3	2.191612	0	
155	N155A	2.48751	3	-3.312553	0	
156	N156A	2.704016	3	-3.437553	0	
157	N157A	4.11251	3	-0.49797	0	
158	N158	4.329016	3	-0.62297	0	
159	N159	5.954016	1.5	2.191612	0	
160	N160	-5.73751	0	2.316612	0	
161	N161	-5.954016	0	2.191612	0	
162	N162	-0.86251	0	-6.127135	0	
163	N163	-1.079016	0	-6.252135	0	
164	N164	-4.11251	0	-0.49797	0	
165	N165	-4.329016	0	-0.62297	0	
166	N166	-2.48751	0	-3.312553	0	
167	N167	-2.704016	0	-3.437553	0	
168	N168	-2.704016	-2.5	-3.437553	0	
169	N169	-2.704016	5.5	-3.437553	0	
170	N170	-1.079016	-2.5	-6.252135	0	
171	N171	-1.079016	5.5	-6.252135	0	
172	N172	-4.329016	-2.5	-0.62297	0	
173	N173	-4.329016	5.5	-0.62297	0	
174	N174A	-5.954016	-2.5	2.191612	0	
175	N175A	-5.954016	5.5	2.191612	0	
176	N176A	-5.73751	3	2.316612	0	
177	N177A	-5.954016	3	2.191612	0	
178	N178A	-0.86251	3	-6.127135	0	
179	N179A	-1.079016	3	-6.252135	0	
180	N180A	-4.11251	3	-0.49797	0	
181	N181A	-4.329016	3	-0.62297	0	
182	N182A	-2.48751	3	-3.312553	0	

### Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
183	N183A	-2.704016	3	-3.437553	0	
184	N184A	-1.079016	1.5	-6.252135	0	
185	N185A	-4.875	3.5	4.060523	0	
186	N186	0	0	-1.708333	0	
187	N187	.25	0	-1.708333	0	
188	N188	.25	1.5	-1.708333	0	
189	N189	.25	-1.5	-1.708333	0	

### Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossmember	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Support Rail Brace	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026

### Hot Rolled Steel Design Parameters

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torq...	Kyy	Kzz	Cb	Function
1	M121	Support Rai...	.811			Lbyy						Lateral
2	M122	Support Rai...	.811			Lbyy						Lateral
3	M123	Support Rai...	.811			Lbyy						Lateral
4	M100	Support Rail	12.5			Lbyy						Lateral
5	M105	Support Rail	12.5			Lbyy						Lateral
6	M106	Support Rail	12.5			Lbyy						Lateral
7	M4	Standoff Ho...	5.188			Lbyy						Lateral
8	M52A	Standoff Ho...	5.188			Lbyy						Lateral
9	M76A	Standoff Ho...	5.188			Lbyy						Lateral
10	M10	Platform Cr...	2.375			Lbyy						Lateral
11	M43	Platform Cr...	2.375			Lbyy						Lateral
12	M53	Platform Cr...	2.375			Lbyy						Lateral
13	M54	Platform Cr...	2.375			Lbyy						Lateral
14	M77A	Platform Cr...	2.375			Lbyy						Lateral
15	M78	Platform Cr...	2.375			Lbyy						Lateral
16	MP3A	Mount Pipe	8			Lbyy						Lateral
17	MP4A	Mount Pipe	8			Lbyy						Lateral
18	MP2A	Mount Pipe	8			Lbyy						Lateral
19	MP1A	Mount Pipe	8			Lbyy						Lateral
20	MP3C	Mount Pipe	8			Lbyy						Lateral
21	MP4C	Mount Pipe	8			Lbyy						Lateral
22	MP2C	Mount Pipe	8			Lbyy						Lateral
23	MP1C	Mount Pipe	8			Lbyy						Lateral
24	MP3B	Mount Pipe	8			Lbyy						Lateral
25	MP4B	Mount Pipe	8			Lbyy						Lateral
26	MP2B	Mount Pipe	8			Lbyy						Lateral
27	MP1B	Mount Pipe	8			Lbyy						Lateral
28	M51B	Grating Sup...	4.162			Lbyy						Lateral
29	M52B	Grating Sup...	4.162			Lbyy						Lateral
30	M58A	Grating Sup...	4.162			Lbyy						Lateral
31	M59A	Grating Sup...	4.162			Lbyy						Lateral
32	M82	Grating Sup...	4.162			Lbyy						Lateral



**Hot Rolled Steel Design Parameters (Continued)**

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torq...	Kyy	Kzz	Cb	Function
33	M83A	Grating Sup...	4.162			Lbyy						Lateral
34	M1	Face Horizo...	12.5			Lbyy						Lateral
35	M82A	Face Horizo...	12.5			Lbyy						Lateral
36	M91B	Face Horizo...	12.5			Lbyy						Lateral
37	M76	Cross Arm ...	.219									Lateral
38	M77	Cross Arm ...	.167									Lateral
39	M84	Cross Arm ...	.219									Lateral
40	M85	Cross Arm ...	.167									Lateral
41	M63	Cross Arm ...	.219									Lateral
42	M64	Cross Arm ...	.167									Lateral
43	M68	Cross Arm ...	.219									Lateral
44	M69	Cross Arm ...	.167									Lateral
45	M87	Cross Arm ...	.219									Lateral
46	M88A	Cross Arm ...	.167									Lateral
47	M92A	Cross Arm ...	.219									Lateral
48	M93	Cross Arm ...	.167									Lateral
49	M46	Corner Plate	1.031			Lbyy						Lateral
50	M80	Corner Plate	.112			Lbyy						Lateral
51	M91	Corner Plate	.112			Lbyy						Lateral
52	M55	Corner Plate	1.031			Lbyy						Lateral
53	M66	Corner Plate	.112			Lbyy						Lateral
54	M71	Corner Plate	.112			Lbyy						Lateral
55	M79A	Corner Plate	1.031			Lbyy						Lateral
56	M90	Corner Plate	.112			Lbyy						Lateral
57	M95	Corner Plate	.112			Lbyy						Lateral
58	OVP1	Mount Pipe	3									Lateral

**Member Primary Data**

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
1	M121	N176	N185		180	Support Rail Brace	Beam	Single Angle	A36 Gr.36	Typical
2	M122	N184	N181		180	Support Rail Brace	Beam	Single Angle	A36 Gr.36	Typical
3	M123	N180	N177		180	Support Rail Brace	Beam	Single Angle	A36 Gr.36	Typical
4	M100	N144A	N145			Support Rail	Column	Pipe	A53 Gr.B	Typical
5	M105	N154	N155			Support Rail	Column	Pipe	A53 Gr.B	Typical
6	M106	N156	N157			Support Rail	Column	Pipe	A53 Gr.B	Typical
7	M4	N3	N27			Standoff Horizontal	Beam	SquareTube	A500 Gr....	Typical
8	M52A	N87D	N92			Standoff Horizontal	Beam	SquareTube	A500 Gr....	Typical
9	M76A	N115	N120			Standoff Horizontal	Beam	SquareTube	A500 Gr....	Typical
10	M19	N8	N9			RIGID	None	None	RIGID	Typical
11	M20	N10	N11			RIGID	None	None	RIGID	Typical
12	M21	N12	N13			RIGID	None	None	RIGID	Typical
13	M22	N14	N15			RIGID	None	None	RIGID	Typical
14	M35A	N7	N30			RIGID	None	None	RIGID	Typical
15	M36A	N6	N29			RIGID	None	None	RIGID	Typical
16	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
17	M58	N102	N24			RIGID	None	None	RIGID	Typical
18	M59	N24	N103A			RIGID	None	None	RIGID	Typical
19	M79	N131	N86A			RIGID	None	None	RIGID	Typical
20	M83	N135	N86D			RIGID	None	None	RIGID	Typical
21	M88	N144	N86B			RIGID	None	None	RIGID	Typical
22	M92	N148	N86E			RIGID	None	None	RIGID	Typical
23	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
24	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
25	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
26	M56	N90	N94			RIGID	None	None	RIGID	Typical



**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
27	M57	N89	N93			RIGID	None	None	RIGID	Typical
28	M60	N113	N114			RIGID	None	None	RIGID	Typical
29	M61	N96	N91			RIGID	None	None	RIGID	Typical
30	M62	N91	N97			RIGID	None	None	RIGID	Typical
31	M65	N100	N104			RIGID	None	None	RIGID	Typical
32	M67	N101A	N108			RIGID	None	None	RIGID	Typical
33	M70	N102A	N105A			RIGID	None	None	RIGID	Typical
34	M72	N103	N109			RIGID	None	None	RIGID	Typical
35	M73	N114	N110			RIGID	None	None	RIGID	Typical
36	M74	N110	N112			RIGID	None	None	RIGID	Typical
37	M75	N111	N112			RIGID	None	None	RIGID	Typical
38	M80A	N118	N122			RIGID	None	None	RIGID	Typical
39	M81	N117	N121			RIGID	None	None	RIGID	Typical
40	M84A	N141	N142			RIGID	None	None	RIGID	Typical
41	M85A	N124	N119			RIGID	None	None	RIGID	Typical
42	M86	N119	N125			RIGID	None	None	RIGID	Typical
43	M89	N128	N132			RIGID	None	None	RIGID	Typical
44	M91A	N129	N136			RIGID	None	None	RIGID	Typical
45	M94	N130	N133			RIGID	None	None	RIGID	Typical
46	M96	N131A	N137			RIGID	None	None	RIGID	Typical
47	M97	N142	N138			RIGID	None	None	RIGID	Typical
48	M98	N138	N140			RIGID	None	None	RIGID	Typical
49	M99	N139	N140			RIGID	None	None	RIGID	Typical
50	M101	N146	N147			RIGID	None	None	RIGID	Typical
51	M102	N148A	N149			RIGID	None	None	RIGID	Typical
52	M103	N150	N151			RIGID	None	None	RIGID	Typical
53	M104	N152	N153			RIGID	None	None	RIGID	Typical
54	M115	N174	N176			RIGID	None	None	RIGID	Typical
55	M116	N175	N177			RIGID	None	None	RIGID	Typical
56	M117	N178	N180			RIGID	None	None	RIGID	Typical
57	M118	N179	N181			RIGID	None	None	RIGID	Typical
58	M119	N182	N184			RIGID	None	None	RIGID	Typical
59	M120	N183	N185			RIGID	None	None	RIGID	Typical
60	M100A	N135B	N136A			RIGID	None	None	RIGID	Typical
61	M101A	N137A	N138A			RIGID	None	None	RIGID	Typical
62	M102A	N139A	N140A			RIGID	None	None	RIGID	Typical
63	M103A	N141A	N142A			RIGID	None	None	RIGID	Typical
64	M108	N151A	N152A			RIGID	None	None	RIGID	Typical
65	M109	N153A	N154A			RIGID	None	None	RIGID	Typical
66	M110	N155A	N156A			RIGID	None	None	RIGID	Typical
67	M111	N157A	N158			RIGID	None	None	RIGID	Typical
68	M112	N160	N161			RIGID	None	None	RIGID	Typical
69	M113	N162	N163			RIGID	None	None	RIGID	Typical
70	M114	N164	N165			RIGID	None	None	RIGID	Typical
71	M115A	N166	N167			RIGID	None	None	RIGID	Typical
72	M120A	N176A	N177A			RIGID	None	None	RIGID	Typical
73	M121A	N178A	N179A			RIGID	None	None	RIGID	Typical
74	M122A	N180A	N181A			RIGID	None	None	RIGID	Typical
75	M123A	N182A	N183A			RIGID	None	None	RIGID	Typical
76	M10	N101	N103A			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
77	M43	N102	N5			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
78	M53	N95	N97			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
79	M54	N96	N88B			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
80	M77A	N123	N125			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
81	M78	N124	N116			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
82	MP3A	N17	N16			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
83	MP4A	N19	N18			Mount Pipe	Column	Pipe	A53 Gr.B	Typical

### Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
84	MP2A	N21	N20			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
85	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
86	MP3C	N144B	N143			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
87	MP4C	N146A	N145A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	MP2C	N148B	N147A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
89	MP1C	N150A	N149A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	MP3B	N169	N168			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	MP4B	N171	N170			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	MP2B	N173	N172			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
93	MP1B	N175A	N174A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
95	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
96	M58A	N111	N89			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
97	M59A	N90	N113			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
98	M82	N139	N117			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
99	M83A	N118	N141			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
100	M1	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
101	M82A	N104B	N105B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
102	M91B	N124A	N125A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
103	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
104	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
105	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
106	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
107	M63	N95	N99			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
108	M64	N99	N100			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
109	M68	N88B	N98			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
110	M69	N98	N102A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
111	M87	N123	N127			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
112	M88A	N127	N128			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
113	M92A	N116	N126			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
114	M93	N126	N130			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
115	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
116	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
117	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
118	M55	N106	N107			Corner Plate	Beam	BAR	A36 Gr.36	Typical
119	M66	N107	N101A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
120	M71	N106	N103			Corner Plate	Beam	BAR	A36 Gr.36	Typical
121	M79A	N134	N135A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
122	M90	N135A	N129			Corner Plate	Beam	BAR	A36 Gr.36	Typical
123	M95	N134	N131A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
124	M124	N186	N187			RIGID	None	None	RIGID	Typical
125	OVP1	N188	N189			Mount Pipe	Column	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	M121						Yes				None
2	M122						Yes				None
3	M123						Yes				None
4	M100						Yes	** NA **			None
5	M105						Yes	** NA **			None
6	M106						Yes	** NA **			None
7	M4						Yes				None
8	M52A						Yes				None
9	M76A						Yes				None
10	M19						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...
11	M20						Yes	** NA **			None
12	M21						Yes	** NA **			None
13	M22						Yes	** NA **			None
14	M35A						Yes	** NA **			None
15	M36A						Yes	** NA **			None
16	M52						Yes	** NA **			None
17	M58						Yes	** NA **			None
18	M59						Yes	** NA **			None
19	M79		BenPIN				Yes	** NA **			None
20	M83		BenPIN				Yes	** NA **			None
21	M88		BenPIN				Yes	** NA **			None
22	M92		BenPIN				Yes	** NA **			None
23	M50						Yes	** NA **			None
24	M51						Yes	** NA **			None
25	M51A						Yes	** NA **			None
26	M56						Yes	** NA **			None
27	M57						Yes	** NA **			None
28	M60						Yes	** NA **			None
29	M61						Yes	** NA **			None
30	M62						Yes	** NA **			None
31	M65		BenPIN				Yes	** NA **			None
32	M67		BenPIN				Yes	** NA **			None
33	M70		BenPIN				Yes	** NA **			None
34	M72		BenPIN				Yes	** NA **			None
35	M73						Yes	** NA **			None
36	M74						Yes	** NA **			None
37	M75						Yes	** NA **			None
38	M80A						Yes	** NA **			None
39	M81						Yes	** NA **			None
40	M84A						Yes	** NA **			None
41	M85A						Yes	** NA **			None
42	M86						Yes	** NA **			None
43	M89		BenPIN				Yes	** NA **			None
44	M91A		BenPIN				Yes	** NA **			None
45	M94		BenPIN				Yes	** NA **			None
46	M96		BenPIN				Yes	** NA **			None
47	M97						Yes	** NA **			None
48	M98						Yes	** NA **			None
49	M99						Yes	** NA **			None
50	M101						Yes	** NA **			None
51	M102						Yes	** NA **			None
52	M103						Yes	** NA **			None
53	M104						Yes	** NA **			None
54	M115	OOOOOX					Yes	** NA **			None
55	M116	OOOOOX					Yes	** NA **			None
56	M117	OOOOOX					Yes	** NA **			None
57	M118	OOOOOX					Yes	** NA **			None
58	M119	OOOOOX					Yes	** NA **			None
59	M120	OOOOOX					Yes	** NA **			None
60	M100A						Yes	** NA **			None
61	M101A						Yes	** NA **			None
62	M102A						Yes	** NA **			None
63	M103A						Yes	** NA **			None
64	M108						Yes	** NA **			None
65	M109						Yes	** NA **			None
66	M110						Yes	** NA **			None
67	M111						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...
68	M112						Yes	** NA **			None
69	M113						Yes	** NA **			None
70	M114						Yes	** NA **			None
71	M115A						Yes	** NA **			None
72	M120A						Yes	** NA **			None
73	M121A						Yes	** NA **			None
74	M122A						Yes	** NA **			None
75	M123A						Yes	** NA **			None
76	M10						Yes	Default			None
77	M43						Yes	Default			None
78	M53						Yes	Default			None
79	M54						Yes	Default			None
80	M77A						Yes	Default			None
81	M78						Yes	Default			None
82	MP3A						Yes	** NA **			None
83	MP4A						Yes	** NA **			None
84	MP2A						Yes	** NA **			None
85	MP1A						Yes	** NA **			None
86	MP3C						Yes	** NA **			None
87	MP4C						Yes	** NA **			None
88	MP2C						Yes	** NA **			None
89	MP1C						Yes	** NA **			None
90	MP3B						Yes	** NA **			None
91	MP4B						Yes	** NA **			None
92	MP2B						Yes	** NA **			None
93	MP1B						Yes	** NA **			None
94	M51B	OOOOOX	OOOOOX				Yes	Default			None
95	M52B	OOOOOX	OOOOOX				Yes	Default			None
96	M58A	OOOOOX	OOOOOX				Yes	Default			None
97	M59A	OOOOOX	OOOOOX				Yes	Default			None
98	M82	OOOOOX	OOOOOX				Yes	Default			None
99	M83A	OOOOOX	OOOOOX				Yes	Default			None
100	M1						Yes	Default			None
101	M82A						Yes	Default			None
102	M91B						Yes	Default			None
103	M76						Yes	** NA **			None
104	M77						Yes	** NA **			None
105	M84						Yes	** NA **			None
106	M85						Yes	** NA **			None
107	M63						Yes	** NA **			None
108	M64						Yes	** NA **			None
109	M68						Yes	** NA **			None
110	M69						Yes	** NA **			None
111	M87						Yes	** NA **			None
112	M88A						Yes	** NA **			None
113	M92A						Yes	** NA **			None
114	M93						Yes	** NA **			None
115	M46						Yes	Default			None
116	M80						Yes				None
117	M91						Yes				None
118	M55						Yes	Default			None
119	M66						Yes				None
120	M71						Yes				None
121	M79A						Yes	Default			None
122	M90						Yes				None
123	M95						Yes				None
124	M124						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...
125	OVP1					Yes	** NA **			None

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-31.65	2
2	MP2A	My	-.025	2
3	MP2A	Mz	.02	2
4	MP2A	Y	-31.65	6
5	MP2A	My	-.025	6
6	MP2A	Mz	.02	6
7	MP2B	Y	-31.65	2
8	MP2B	My	-.02	2
9	MP2B	Mz	-.025	2
10	MP2B	Y	-31.65	6
11	MP2B	My	-.02	6
12	MP2B	Mz	-.025	6
13	MP2C	Y	-31.65	2
14	MP2C	My	.031	2
15	MP2C	Mz	.006	2
16	MP2C	Y	-31.65	6
17	MP2C	My	.031	6
18	MP2C	Mz	.006	6
19	MP2A	Y	-31.65	2
20	MP2A	My	-.017	2
21	MP2A	Mz	-.027	2
22	MP2A	Y	-31.65	6
23	MP2A	My	-.017	6
24	MP2A	Mz	-.027	6
25	MP2B	Y	-31.65	2
26	MP2B	My	.027	2
27	MP2B	Mz	-.017	2
28	MP2B	Y	-31.65	6
29	MP2B	My	.027	6
30	MP2B	Mz	-.017	6
31	MP2C	Y	-31.65	2
32	MP2C	My	-.01	2
33	MP2C	Mz	.03	2
34	MP2C	Y	-31.65	6
35	MP2C	My	-.01	6
36	MP2C	Mz	.03	6
37	MP4A	Y	-25.65	1
38	MP4A	My	-.017	1
39	MP4A	Mz	-.003	1
40	MP4A	Y	-25.65	7
41	MP4A	My	-.017	7
42	MP4A	Mz	-.003	7
43	MP4B	Y	-25.65	1
44	MP4B	My	.003	1
45	MP4B	Mz	-.017	1
46	MP4B	Y	-25.65	7
47	MP4B	My	.003	7
48	MP4B	Mz	-.017	7
49	MP4C	Y	-25.65	1
50	MP4C	My	.009	1
51	MP4C	Mz	.015	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
52	MP4C	Y	-25.65	7
53	MP4C	My	.009	7
54	MP4C	Mz	.015	7
55	MP3A	Y	-43.55	3
56	MP3A	My	-.029	3
57	MP3A	Mz	-.005	3
58	MP3A	Y	-43.55	5
59	MP3A	My	-.029	5
60	MP3A	Mz	-.005	5
61	MP3B	Y	-43.55	3
62	MP3B	My	.005	3
63	MP3B	Mz	-.029	3
64	MP3B	Y	-43.55	5
65	MP3B	My	.005	5
66	MP3B	Mz	-.029	5
67	MP3C	Y	-43.55	3
68	MP3C	My	.015	3
69	MP3C	Mz	.025	3
70	MP3C	Y	-43.55	5
71	MP3C	My	.015	5
72	MP3C	Mz	.025	5
73	MP1A	Y	-4.4	4
74	MP1A	My	-.002	4
75	MP1A	Mz	-.000382	4
76	MP1B	Y	-4.4	4
77	MP1B	My	.000382	4
78	MP1B	Mz	-.002	4
79	MP1C	Y	-4.4	4
80	MP1C	My	.001	4
81	MP1C	Mz	.002	4
82	OVP1	Y	-32	1
83	OVP1	My	0	1
84	OVP1	Mz	0	1
85	MP2A	Y	-10.4	4
86	MP2A	My	.005	4
87	MP2A	Mz	.000903	4
88	MP2B	Y	-10.4	4
89	MP2B	My	-.000903	4
90	MP2B	Mz	.005	4
91	MP2C	Y	-10.4	4
92	MP2C	My	-.003	4
93	MP2C	Mz	-.005	4
94	MP2A	Y	-84.4	1.5
95	MP2A	My	.055	1.5
96	MP2A	Mz	.01	1.5
97	MP2B	Y	-84.4	1.5
98	MP2B	My	-.01	1.5
99	MP2B	Mz	.055	1.5
100	MP2C	Y	-84.4	1.5
101	MP2C	My	-.028	1.5
102	MP2C	Mz	-.049	1.5
103	MP1A	Y	-70.3	1.5
104	MP1A	My	.046	1.5
105	MP1A	Mz	.008	1.5
106	MP1B	Y	-70.3	1.5
107	MP1B	My	-.008	1.5
108	MP1B	Mz	.046	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
109	MP1C	Y	-70.3	1.5
110	MP1C	My	-.023	1.5
111	MP1C	Mz	-.041	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	Y	-67.982	2
2	MP2A	My	-.053	2
3	MP2A	Mz	.042	2
4	MP2A	Y	-67.982	6
5	MP2A	My	-.053	6
6	MP2A	Mz	.042	6
7	MP2B	Y	-67.982	2
8	MP2B	My	-.042	2
9	MP2B	Mz	-.053	2
10	MP2B	Y	-67.982	6
11	MP2B	My	-.042	6
12	MP2B	Mz	-.053	6
13	MP2C	Y	-67.982	2
14	MP2C	My	.067	2
15	MP2C	Mz	.014	2
16	MP2C	Y	-67.982	6
17	MP2C	My	.067	6
18	MP2C	Mz	.014	6
19	MP2A	Y	-67.982	2
20	MP2A	My	-.036	2
21	MP2A	Mz	-.058	2
22	MP2A	Y	-67.982	6
23	MP2A	My	-.036	6
24	MP2A	Mz	-.058	6
25	MP2B	Y	-67.982	2
26	MP2B	My	.058	2
27	MP2B	Mz	-.036	2
28	MP2B	Y	-67.982	6
29	MP2B	My	.058	6
30	MP2B	Mz	-.036	6
31	MP2C	Y	-67.982	2
32	MP2C	My	-.021	2
33	MP2C	Mz	.065	2
34	MP2C	Y	-67.982	6
35	MP2C	My	-.021	6
36	MP2C	Mz	.065	6
37	MP4A	Y	-77.261	1
38	MP4A	My	-.051	1
39	MP4A	Mz	-.009	1
40	MP4A	Y	-77.261	7
41	MP4A	My	-.051	7
42	MP4A	Mz	-.009	7
43	MP4B	Y	-77.261	1
44	MP4B	My	.009	1
45	MP4B	Mz	-.051	1
46	MP4B	Y	-77.261	7
47	MP4B	My	.009	7
48	MP4B	Mz	-.051	7
49	MP4C	Y	-77.261	1
50	MP4C	My	.026	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
51	MP4C	Mz	.045	1
52	MP4C	Y	-77.261	7
53	MP4C	My	.026	7
54	MP4C	Mz	.045	7
55	MP3A	Y	-34.595	3
56	MP3A	My	-.023	3
57	MP3A	Mz	-.004	3
58	MP3A	Y	-34.595	5
59	MP3A	My	-.023	5
60	MP3A	Mz	-.004	5
61	MP3B	Y	-34.595	3
62	MP3B	My	.004	3
63	MP3B	Mz	-.023	3
64	MP3B	Y	-34.595	5
65	MP3B	My	.004	5
66	MP3B	Mz	-.023	5
67	MP3C	Y	-34.595	3
68	MP3C	My	.012	3
69	MP3C	Mz	.02	3
70	MP3C	Y	-34.595	5
71	MP3C	My	.012	5
72	MP3C	Mz	.02	5
73	MP1A	Y	-13.016	4
74	MP1A	My	-.006	4
75	MP1A	Mz	-.001	4
76	MP1B	Y	-13.016	4
77	MP1B	My	.001	4
78	MP1B	Mz	-.006	4
79	MP1C	Y	-13.016	4
80	MP1C	My	.003	4
81	MP1C	Mz	.006	4
82	OVP1	Y	-85.441	1
83	OVP1	My	0	1
84	OVP1	Mz	0	1
85	MP2A	Y	-10.392	4
86	MP2A	My	.005	4
87	MP2A	Mz	.000902	4
88	MP2B	Y	-10.392	4
89	MP2B	My	-.000902	4
90	MP2B	Mz	.005	4
91	MP2C	Y	-10.392	4
92	MP2C	My	-.003	4
93	MP2C	Mz	-.004	4
94	MP2A	Y	-43.598	1.5
95	MP2A	My	.029	1.5
96	MP2A	Mz	.005	1.5
97	MP2B	Y	-43.598	1.5
98	MP2B	My	-.005	1.5
99	MP2B	Mz	.029	1.5
100	MP2C	Y	-43.598	1.5
101	MP2C	My	-.015	1.5
102	MP2C	Mz	-.025	1.5
103	MP1A	Y	-39.2	1.5
104	MP1A	My	.026	1.5
105	MP1A	Mz	.005	1.5
106	MP1B	Y	-39.2	1.5
107	MP1B	My	-.005	1.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
108	MP1B	Mz	.026	1.5
109	MP1C	Y	-39.2	1.5
110	MP1C	My	-.013	1.5
111	MP1C	Mz	-.023	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP2A	X	0	2
2	MP2A	Z	-174.203	2
3	MP2A	Mx	-.109	2
4	MP2A	X	0	6
5	MP2A	Z	-174.203	6
6	MP2A	Mx	-.109	6
7	MP2B	X	0	2
8	MP2B	Z	-117.432	2
9	MP2B	Mx	.092	2
10	MP2B	X	0	6
11	MP2B	Z	-117.432	6
12	MP2B	Mx	.092	6
13	MP2C	X	0	2
14	MP2C	Z	-130.714	2
15	MP2C	Mx	-.026	2
16	MP2C	X	0	6
17	MP2C	Z	-130.714	6
18	MP2C	Mx	-.026	6
19	MP2A	X	0	2
20	MP2A	Z	-174.203	2
21	MP2A	Mx	.149	2
22	MP2A	X	0	6
23	MP2A	Z	-174.203	6
24	MP2A	Mx	.149	6
25	MP2B	X	0	2
26	MP2B	Z	-117.432	2
27	MP2B	Mx	.062	2
28	MP2B	X	0	6
29	MP2B	Z	-117.432	6
30	MP2B	Mx	.062	6
31	MP2C	X	0	2
32	MP2C	Z	-130.714	2
33	MP2C	Mx	-.124	2
34	MP2C	X	0	6
35	MP2C	Z	-130.714	6
36	MP2C	Mx	-.124	6
37	MP4A	X	0	1
38	MP4A	Z	-219.233	1
39	MP4A	Mx	.025	1
40	MP4A	X	0	7
41	MP4A	Z	-219.233	7
42	MP4A	Mx	.025	7
43	MP4B	X	0	1
44	MP4B	Z	-150.712	1
45	MP4B	Mx	.099	1
46	MP4B	X	0	7
47	MP4B	Z	-150.712	7
48	MP4B	Mx	.099	7
49	MP4C	X	0	1



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
50	MP4C	Z	-166.743	1
51	MP4C	Mx	-.096	1
52	MP4C	X	0	7
53	MP4C	Z	-166.743	7
54	MP4C	Mx	-.096	7
55	MP3A	X	0	3
56	MP3A	Z	-89.148	3
57	MP3A	Mx	.01	3
58	MP3A	X	0	5
59	MP3A	Z	-89.148	5
60	MP3A	Mx	.01	5
61	MP3B	X	0	3
62	MP3B	Z	-37.22	3
63	MP3B	Mx	.024	3
64	MP3B	X	0	5
65	MP3B	Z	-37.22	5
66	MP3B	Mx	.024	5
67	MP3C	X	0	3
68	MP3C	Z	-49.369	3
69	MP3C	Mx	-.029	3
70	MP3C	X	0	5
71	MP3C	Z	-49.369	5
72	MP3C	Mx	-.029	5
73	MP1A	X	0	4
74	MP1A	Z	-33.56	4
75	MP1A	Mx	.003	4
76	MP1B	X	0	4
77	MP1B	Z	-7.578	4
78	MP1B	Mx	.004	4
79	MP1C	X	0	4
80	MP1C	Z	-13.657	4
81	MP1C	Mx	-.006	4
82	OVP1	X	0	1
83	OVP1	Z	-147.597	1
84	OVP1	Mx	0	1
85	MP2A	X	0	4
86	MP2A	Z	-14.166	4
87	MP2A	Mx	-.001	4
88	MP2B	X	0	4
89	MP2B	Z	-10.026	4
90	MP2B	Mx	-.005	4
91	MP2C	X	0	4
92	MP2C	Z	-10.994	4
93	MP2C	Mx	.005	4
94	MP2A	X	0	1.5
95	MP2A	Z	-71.542	1.5
96	MP2A	Mx	-.008	1.5
97	MP2B	X	0	1.5
98	MP2B	Z	-49.028	1.5
99	MP2B	Mx	-.032	1.5
100	MP2C	X	0	1.5
101	MP2C	Z	-54.295	1.5
102	MP2C	Mx	.031	1.5
103	MP1A	X	0	1.5
104	MP1A	Z	-71.265	1.5
105	MP1A	Mx	-.008	1.5
106	MP1B	X	0	1.5





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
107	MP1B	Z	-40.126	1.5
108	MP1B	Mx	-.026	1.5
109	MP1C	X	0	1.5
110	MP1C	Z	-47.412	1.5
111	MP1C	Mx	.027	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	84.479	2
2	MP2A	Z	-146.321	2
3	MP2A	Mx	-.158	2
4	MP2A	X	84.479	6
5	MP2A	Z	-146.321	6
6	MP2A	Mx	-.158	6
7	MP2B	X	61.339	2
8	MP2B	Z	-106.242	2
9	MP2B	Mx	.045	2
10	MP2B	X	61.339	6
11	MP2B	Z	-106.242	6
12	MP2B	Mx	.045	6
13	MP2C	X	80.46	2
14	MP2C	Z	-139.362	2
15	MP2C	Mx	.051	2
16	MP2C	X	80.46	6
17	MP2C	Z	-139.362	6
18	MP2C	Mx	.051	6
19	MP2A	X	84.479	2
20	MP2A	Z	-146.321	2
21	MP2A	Mx	.081	2
22	MP2A	X	84.479	6
23	MP2A	Z	-146.321	6
24	MP2A	Mx	.081	6
25	MP2B	X	61.339	2
26	MP2B	Z	-106.242	2
27	MP2B	Mx	.108	2
28	MP2B	X	61.339	6
29	MP2B	Z	-106.242	6
30	MP2B	Mx	.108	6
31	MP2C	X	80.46	2
32	MP2C	Z	-139.362	2
33	MP2C	Mx	-.158	2
34	MP2C	X	80.46	6
35	MP2C	Z	-139.362	6
36	MP2C	Mx	-.158	6
37	MP4A	X	106.451	1
38	MP4A	Z	-184.378	1
39	MP4A	Mx	-.049	1
40	MP4A	X	106.451	7
41	MP4A	Z	-184.378	7
42	MP4A	Mx	-.049	7
43	MP4B	X	78.521	1
44	MP4B	Z	-136.003	1
45	MP4B	Mx	.098	1
46	MP4B	X	78.521	7
47	MP4B	Z	-136.003	7
48	MP4B	Mx	.098	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
49	MP4C	X	101.601	1
50	MP4C	Z	-175.978	1
51	MP4C	Mx	-.068	1
52	MP4C	X	101.601	7
53	MP4C	Z	-175.978	7
54	MP4C	Mx	-.068	7
55	MP3A	X	42.175	3
56	MP3A	Z	-73.049	3
57	MP3A	Mx	-.019	3
58	MP3A	X	42.175	5
59	MP3A	Z	-73.049	5
60	MP3A	Mx	-.019	5
61	MP3B	X	21.009	3
62	MP3B	Z	-36.388	3
63	MP3B	Mx	.026	3
64	MP3B	X	21.009	5
65	MP3B	Z	-36.388	5
66	MP3B	Mx	.026	5
67	MP3C	X	38.499	3
68	MP3C	Z	-66.683	3
69	MP3C	Mx	-.026	3
70	MP3C	X	38.499	5
71	MP3C	Z	-66.683	5
72	MP3C	Mx	-.026	5
73	MP1A	X	15.58	4
74	MP1A	Z	-26.985	4
75	MP1A	Mx	-.005	4
76	MP1B	X	4.99	4
77	MP1B	Z	-8.642	4
78	MP1B	Mx	.005	4
79	MP1C	X	13.741	4
80	MP1C	Z	-23.799	4
81	MP1C	Mx	-.007	4
82	OVP1	X	64.5	1
83	OVP1	Z	-111.717	1
84	OVP1	Mx	0	1
85	MP2A	X	6.892	4
86	MP2A	Z	-11.936	4
87	MP2A	Mx	.002	4
88	MP2B	X	5.204	4
89	MP2B	Z	-9.014	4
90	MP2B	Mx	-.005	4
91	MP2C	X	6.599	4
92	MP2C	Z	-11.429	4
93	MP2C	Mx	.003	4
94	MP2A	X	34.731	1.5
95	MP2A	Z	-60.156	1.5
96	MP2A	Mx	.016	1.5
97	MP2B	X	25.554	1.5
98	MP2B	Z	-44.261	1.5
99	MP2B	Mx	-.032	1.5
100	MP2C	X	33.137	1.5
101	MP2C	Z	-57.396	1.5
102	MP2C	Mx	.022	1.5
103	MP1A	X	34.194	1.5
104	MP1A	Z	-59.226	1.5
105	MP1A	Mx	.016	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
106	MP1B	X	21.502	1.5
107	MP1B	Z	-37.242	1.5
108	MP1B	Mx	-.027	1.5
109	MP1C	X	31.99	1.5
110	MP1C	Z	-55.409	1.5
111	MP1C	Mx	.021	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	121.739	2
2	MP2A	Z	-70.286	2
3	MP2A	Mx	-.14	2
4	MP2A	X	121.739	6
5	MP2A	Z	-70.286	6
6	MP2A	Mx	-.14	6
7	MP2B	X	130.824	2
8	MP2B	Z	-75.531	2
9	MP2B	Mx	-.022	2
10	MP2B	X	130.824	6
11	MP2B	Z	-75.531	6
12	MP2B	Mx	-.022	6
13	MP2C	X	152.442	2
14	MP2C	Z	-88.012	2
15	MP2C	Mx	.132	2
16	MP2C	X	152.442	6
17	MP2C	Z	-88.012	6
18	MP2C	Mx	.132	6
19	MP2A	X	121.739	2
20	MP2A	Z	-70.286	2
21	MP2A	Mx	-.004	2
22	MP2A	X	121.739	6
23	MP2A	Z	-70.286	6
24	MP2A	Mx	-.004	6
25	MP2B	X	130.824	2
26	MP2B	Z	-75.531	2
27	MP2B	Mx	.152	2
28	MP2B	X	130.824	6
29	MP2B	Z	-75.531	6
30	MP2B	Mx	.152	6
31	MP2C	X	152.442	2
32	MP2C	Z	-88.012	2
33	MP2C	Mx	-.132	2
34	MP2C	X	152.442	6
35	MP2C	Z	-88.012	6
36	MP2C	Mx	-.132	6
37	MP4A	X	154.708	1
38	MP4A	Z	-89.321	1
39	MP4A	Mx	-.091	1
40	MP4A	X	154.708	7
41	MP4A	Z	-89.321	7
42	MP4A	Mx	-.091	7
43	MP4B	X	165.673	1
44	MP4B	Z	-95.652	1
45	MP4B	Mx	.082	1
46	MP4B	X	165.673	7
47	MP4B	Z	-95.652	7



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
48	MP4B	Mx	.082	7
49	MP4C	X	191.765	1
50	MP4C	Z	-110.716	1
51	MP4C	Mx	0	1
52	MP4C	X	191.765	7
53	MP4C	Z	-110.716	7
54	MP4C	Mx	0	7
55	MP3A	X	50.564	3
56	MP3A	Z	-29.193	3
57	MP3A	Mx	-.03	3
58	MP3A	X	50.564	5
59	MP3A	Z	-29.193	5
60	MP3A	Mx	-.03	5
61	MP3B	X	58.874	3
62	MP3B	Z	-33.991	3
63	MP3B	Mx	.029	3
64	MP3B	X	58.874	5
65	MP3B	Z	-33.991	5
66	MP3B	Mx	.029	5
67	MP3C	X	78.647	3
68	MP3C	Z	-45.407	3
69	MP3C	Mx	0	3
70	MP3C	X	78.647	5
71	MP3C	Z	-45.407	5
72	MP3C	Mx	0	5
73	MP1A	X	15.734	4
74	MP1A	Z	-9.084	4
75	MP1A	Mx	-.007	4
76	MP1B	X	19.892	4
77	MP1B	Z	-11.485	4
78	MP1B	Mx	.007	4
79	MP1C	X	29.786	4
80	MP1C	Z	-17.197	4
81	MP1C	Mx	0	4
82	OVP1	X	103.664	1
83	OVP1	Z	-59.85	1
84	OVP1	Mx	0	1
85	MP2A	X	10.144	4
86	MP2A	Z	-5.857	4
87	MP2A	Mx	.004	4
88	MP2B	X	10.806	4
89	MP2B	Z	-6.239	4
90	MP2B	Mx	-.004	4
91	MP2C	X	12.383	4
92	MP2C	Z	-7.149	4
93	MP2C	Mx	0	4
94	MP2A	X	50.407	1.5
95	MP2A	Z	-29.102	1.5
96	MP2A	Mx	.03	1.5
97	MP2B	X	54.01	1.5
98	MP2B	Z	-31.183	1.5
99	MP2B	Mx	-.027	1.5
100	MP2C	X	62.583	1.5
101	MP2C	Z	-36.132	1.5
102	MP2C	Mx	0	1.5
103	MP1A	X	45.742	1.5
104	MP1A	Z	-26.409	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
105	MP1A	Mx	.027	1.5
106	MP1B	X	50.726	1.5
107	MP1B	Z	-29.287	1.5
108	MP1B	Mx	-.025	1.5
109	MP1C	X	62.583	1.5
110	MP1C	Z	-36.132	1.5
111	MP1C	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	117.432	2
2	MP2A	Z	0	2
3	MP2A	Mx	-.092	2
4	MP2A	X	117.432	6
5	MP2A	Z	0	6
6	MP2A	Mx	-.092	6
7	MP2B	X	174.203	2
8	MP2B	Z	0	2
9	MP2B	Mx	-.109	2
10	MP2B	X	174.203	6
11	MP2B	Z	0	6
12	MP2B	Mx	-.109	6
13	MP2C	X	160.921	2
14	MP2C	Z	0	2
15	MP2C	Mx	.158	2
16	MP2C	X	160.921	6
17	MP2C	Z	0	6
18	MP2C	Mx	.158	6
19	MP2A	X	117.432	2
20	MP2A	Z	0	2
21	MP2A	Mx	-.062	2
22	MP2A	X	117.432	6
23	MP2A	Z	0	6
24	MP2A	Mx	-.062	6
25	MP2B	X	174.203	2
26	MP2B	Z	0	2
27	MP2B	Mx	.149	2
28	MP2B	X	174.203	6
29	MP2B	Z	0	6
30	MP2B	Mx	.149	6
31	MP2C	X	160.921	2
32	MP2C	Z	0	2
33	MP2C	Mx	-.051	2
34	MP2C	X	160.921	6
35	MP2C	Z	0	6
36	MP2C	Mx	-.051	6
37	MP4A	X	150.712	1
38	MP4A	Z	0	1
39	MP4A	Mx	-.099	1
40	MP4A	X	150.712	7
41	MP4A	Z	0	7
42	MP4A	Mx	-.099	7
43	MP4B	X	219.233	1
44	MP4B	Z	0	1
45	MP4B	Mx	.025	1
46	MP4B	X	219.233	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
47	MP4B	Z	0	7
48	MP4B	Mx	.025	7
49	MP4C	X	203.202	1
50	MP4C	Z	0	1
51	MP4C	Mx	.068	1
52	MP4C	X	203.202	7
53	MP4C	Z	0	7
54	MP4C	Mx	.068	7
55	MP3A	X	37.22	3
56	MP3A	Z	0	3
57	MP3A	Mx	-.024	3
58	MP3A	X	37.22	5
59	MP3A	Z	0	5
60	MP3A	Mx	-.024	5
61	MP3B	X	89.148	3
62	MP3B	Z	0	3
63	MP3B	Mx	.01	3
64	MP3B	X	89.148	5
65	MP3B	Z	0	5
66	MP3B	Mx	.01	5
67	MP3C	X	76.999	3
68	MP3C	Z	0	3
69	MP3C	Mx	.026	3
70	MP3C	X	76.999	5
71	MP3C	Z	0	5
72	MP3C	Mx	.026	5
73	MP1A	X	7.578	4
74	MP1A	Z	0	4
75	MP1A	Mx	-.004	4
76	MP1B	X	33.56	4
77	MP1B	Z	0	4
78	MP1B	Mx	.003	4
79	MP1C	X	27.481	4
80	MP1C	Z	0	4
81	MP1C	Mx	.007	4
82	OVP1	X	128.999	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1
85	MP2A	X	10.026	4
86	MP2A	Z	0	4
87	MP2A	Mx	.005	4
88	MP2B	X	14.166	4
89	MP2B	Z	0	4
90	MP2B	Mx	-.001	4
91	MP2C	X	13.197	4
92	MP2C	Z	0	4
93	MP2C	Mx	-.003	4
94	MP2A	X	49.028	1.5
95	MP2A	Z	0	1.5
96	MP2A	Mx	.032	1.5
97	MP2B	X	71.542	1.5
98	MP2B	Z	0	1.5
99	MP2B	Mx	-.008	1.5
100	MP2C	X	66.275	1.5
101	MP2C	Z	0	1.5
102	MP2C	Mx	-.022	1.5
103	MP1A	X	40.126	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
104	MP1A	Z	0	1.5
105	MP1A	Mx	.026	1.5
106	MP1B	X	71.265	1.5
107	MP1B	Z	0	1.5
108	MP1B	Mx	-.008	1.5
109	MP1C	X	63.98	1.5
110	MP1C	Z	0	1.5
111	MP1C	Mx	-.021	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	106.242	2
2	MP2A	Z	61.339	2
3	MP2A	Mx	-.045	2
4	MP2A	X	106.242	6
5	MP2A	Z	61.339	6
6	MP2A	Mx	-.045	6
7	MP2B	X	146.321	2
8	MP2B	Z	84.479	2
9	MP2B	Mx	-.158	2
10	MP2B	X	146.321	6
11	MP2B	Z	84.479	6
12	MP2B	Mx	-.158	6
13	MP2C	X	113.202	2
14	MP2C	Z	65.357	2
15	MP2C	Mx	.124	2
16	MP2C	X	113.202	6
17	MP2C	Z	65.357	6
18	MP2C	Mx	.124	6
19	MP2A	X	106.242	2
20	MP2A	Z	61.339	2
21	MP2A	Mx	-.108	2
22	MP2A	X	106.242	6
23	MP2A	Z	61.339	6
24	MP2A	Mx	-.108	6
25	MP2B	X	146.321	2
26	MP2B	Z	84.479	2
27	MP2B	Mx	.081	2
28	MP2B	X	146.321	6
29	MP2B	Z	84.479	6
30	MP2B	Mx	.081	6
31	MP2C	X	113.202	2
32	MP2C	Z	65.357	2
33	MP2C	Mx	.026	2
34	MP2C	X	113.202	6
35	MP2C	Z	65.357	6
36	MP2C	Mx	.026	6
37	MP4A	X	136.003	1
38	MP4A	Z	78.521	1
39	MP4A	Mx	-.098	1
40	MP4A	X	136.003	7
41	MP4A	Z	78.521	7
42	MP4A	Mx	-.098	7
43	MP4B	X	184.378	1
44	MP4B	Z	106.451	1
45	MP4B	Mx	-.049	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
46	MP4B	X	184.378	7
47	MP4B	Z	106.451	7
48	MP4B	Mx	-.049	7
49	MP4C	X	144.403	1
50	MP4C	Z	83.371	1
51	MP4C	Mx	.096	1
52	MP4C	X	144.403	7
53	MP4C	Z	83.371	7
54	MP4C	Mx	.096	7
55	MP3A	X	36.388	3
56	MP3A	Z	21.009	3
57	MP3A	Mx	-.026	3
58	MP3A	X	36.388	5
59	MP3A	Z	21.009	5
60	MP3A	Mx	-.026	5
61	MP3B	X	73.049	3
62	MP3B	Z	42.175	3
63	MP3B	Mx	-.019	3
64	MP3B	X	73.049	5
65	MP3B	Z	42.175	5
66	MP3B	Mx	-.019	5
67	MP3C	X	42.754	3
68	MP3C	Z	24.684	3
69	MP3C	Mx	.029	3
70	MP3C	X	42.754	5
71	MP3C	Z	24.684	5
72	MP3C	Mx	.029	5
73	MP1A	X	8.642	4
74	MP1A	Z	4.99	4
75	MP1A	Mx	-.005	4
76	MP1B	X	26.985	4
77	MP1B	Z	15.58	4
78	MP1B	Mx	-.005	4
79	MP1C	X	11.827	4
80	MP1C	Z	6.828	4
81	MP1C	Mx	.006	4
82	OVP1	X	127.823	1
83	OVP1	Z	73.798	1
84	OVP1	Mx	0	1
85	MP2A	X	9.014	4
86	MP2A	Z	5.204	4
87	MP2A	Mx	.005	4
88	MP2B	X	11.936	4
89	MP2B	Z	6.892	4
90	MP2B	Mx	.002	4
91	MP2C	X	9.521	4
92	MP2C	Z	5.497	4
93	MP2C	Mx	-.005	4
94	MP2A	X	44.261	1.5
95	MP2A	Z	25.554	1.5
96	MP2A	Mx	.032	1.5
97	MP2B	X	60.156	1.5
98	MP2B	Z	34.731	1.5
99	MP2B	Mx	.016	1.5
100	MP2C	X	47.021	1.5
101	MP2C	Z	27.148	1.5
102	MP2C	Mx	-.031	1.5





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
103	MP1A	X	37.242	1.5
104	MP1A	Z	21.502	1.5
105	MP1A	Mx	.027	1.5
106	MP1B	X	59.226	1.5
107	MP1B	Z	34.194	1.5
108	MP1B	Mx	.016	1.5
109	MP1C	X	41.06	1.5
110	MP1C	Z	23.706	1.5
111	MP1C	Mx	-.027	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	75.531	2
2	MP2A	Z	130.824	2
3	MP2A	Mx	.022	2
4	MP2A	X	75.531	6
5	MP2A	Z	130.824	6
6	MP2A	Mx	.022	6
7	MP2B	X	70.286	2
8	MP2B	Z	121.739	2
9	MP2B	Mx	-.14	2
10	MP2B	X	70.286	6
11	MP2B	Z	121.739	6
12	MP2B	Mx	-.14	6
13	MP2C	X	57.805	2
14	MP2C	Z	100.122	2
15	MP2C	Mx	.077	2
16	MP2C	X	57.805	6
17	MP2C	Z	100.122	6
18	MP2C	Mx	.077	6
19	MP2A	X	75.531	2
20	MP2A	Z	130.824	2
21	MP2A	Mx	-.152	2
22	MP2A	X	75.531	6
23	MP2A	Z	130.824	6
24	MP2A	Mx	-.152	6
25	MP2B	X	70.286	2
26	MP2B	Z	121.739	2
27	MP2B	Mx	-.004	2
28	MP2B	X	70.286	6
29	MP2B	Z	121.739	6
30	MP2B	Mx	-.004	6
31	MP2C	X	57.805	2
32	MP2C	Z	100.122	2
33	MP2C	Mx	.077	2
34	MP2C	X	57.805	6
35	MP2C	Z	100.122	6
36	MP2C	Mx	.077	6
37	MP4A	X	95.652	1
38	MP4A	Z	165.673	1
39	MP4A	Mx	-.082	1
40	MP4A	X	95.652	7
41	MP4A	Z	165.673	7
42	MP4A	Mx	-.082	7
43	MP4B	X	89.321	1
44	MP4B	Z	154.708	1



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
45	MP4B	Mx	-.091	1
46	MP4B	X	89.321	7
47	MP4B	Z	154.708	7
48	MP4B	Mx	-.091	7
49	MP4C	X	74.256	1
50	MP4C	Z	128.616	1
51	MP4C	Mx	.099	1
52	MP4C	X	74.256	7
53	MP4C	Z	128.616	7
54	MP4C	Mx	.099	7
55	MP3A	X	33.991	3
56	MP3A	Z	58.874	3
57	MP3A	Mx	-.029	3
58	MP3A	X	33.991	5
59	MP3A	Z	58.874	5
60	MP3A	Mx	-.029	5
61	MP3B	X	29.193	3
62	MP3B	Z	50.564	3
63	MP3B	Mx	-.03	3
64	MP3B	X	29.193	5
65	MP3B	Z	50.564	5
66	MP3B	Mx	-.03	5
67	MP3C	X	17.777	3
68	MP3C	Z	30.79	3
69	MP3C	Mx	.024	3
70	MP3C	X	17.777	5
71	MP3C	Z	30.79	5
72	MP3C	Mx	.024	5
73	MP1A	X	11.485	4
74	MP1A	Z	19.892	4
75	MP1A	Mx	-.007	4
76	MP1B	X	9.084	4
77	MP1B	Z	15.734	4
78	MP1B	Mx	-.007	4
79	MP1C	X	3.372	4
80	MP1C	Z	5.841	4
81	MP1C	Mx	.003	4
82	OVP1	X	78.448	1
83	OVP1	Z	135.876	1
84	OVP1	Mx	0	1
85	MP2A	X	6.239	4
86	MP2A	Z	10.806	4
87	MP2A	Mx	.004	4
88	MP2B	X	5.857	4
89	MP2B	Z	10.144	4
90	MP2B	Mx	.004	4
91	MP2C	X	4.946	4
92	MP2C	Z	8.568	4
93	MP2C	Mx	-.005	4
94	MP2A	X	31.183	1.5
95	MP2A	Z	54.01	1.5
96	MP2A	Mx	.027	1.5
97	MP2B	X	29.102	1.5
98	MP2B	Z	50.407	1.5
99	MP2B	Mx	.03	1.5
100	MP2C	X	24.153	1.5
101	MP2C	Z	41.834	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
102	MP2C	Mx	-.032	1.5
103	MP1A	X	29.287	1.5
104	MP1A	Z	50.726	1.5
105	MP1A	Mx	.025	1.5
106	MP1B	X	26.409	1.5
107	MP1B	Z	45.742	1.5
108	MP1B	Mx	.027	1.5
109	MP1C	X	19.564	1.5
110	MP1C	Z	33.885	1.5
111	MP1C	Mx	-.026	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	0	2
2	MP2A	Z	174.203	2
3	MP2A	Mx	.109	2
4	MP2A	X	0	6
5	MP2A	Z	174.203	6
6	MP2A	Mx	.109	6
7	MP2B	X	0	2
8	MP2B	Z	117.432	2
9	MP2B	Mx	-.092	2
10	MP2B	X	0	6
11	MP2B	Z	117.432	6
12	MP2B	Mx	-.092	6
13	MP2C	X	0	2
14	MP2C	Z	130.714	2
15	MP2C	Mx	.026	2
16	MP2C	X	0	6
17	MP2C	Z	130.714	6
18	MP2C	Mx	.026	6
19	MP2A	X	0	2
20	MP2A	Z	174.203	2
21	MP2A	Mx	-.149	2
22	MP2A	X	0	6
23	MP2A	Z	174.203	6
24	MP2A	Mx	-.149	6
25	MP2B	X	0	2
26	MP2B	Z	117.432	2
27	MP2B	Mx	-.062	2
28	MP2B	X	0	6
29	MP2B	Z	117.432	6
30	MP2B	Mx	-.062	6
31	MP2C	X	0	2
32	MP2C	Z	130.714	2
33	MP2C	Mx	.124	2
34	MP2C	X	0	6
35	MP2C	Z	130.714	6
36	MP2C	Mx	.124	6
37	MP4A	X	0	1
38	MP4A	Z	219.233	1
39	MP4A	Mx	-.025	1
40	MP4A	X	0	7
41	MP4A	Z	219.233	7
42	MP4A	Mx	-.025	7
43	MP4B	X	0	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
44	MP4B	Z	150.712	1
45	MP4B	Mx	-.099	1
46	MP4B	X	0	7
47	MP4B	Z	150.712	7
48	MP4B	Mx	-.099	7
49	MP4C	X	0	1
50	MP4C	Z	166.743	1
51	MP4C	Mx	.096	1
52	MP4C	X	0	7
53	MP4C	Z	166.743	7
54	MP4C	Mx	.096	7
55	MP3A	X	0	3
56	MP3A	Z	89.148	3
57	MP3A	Mx	-.01	3
58	MP3A	X	0	5
59	MP3A	Z	89.148	5
60	MP3A	Mx	-.01	5
61	MP3B	X	0	3
62	MP3B	Z	37.22	3
63	MP3B	Mx	-.024	3
64	MP3B	X	0	5
65	MP3B	Z	37.22	5
66	MP3B	Mx	-.024	5
67	MP3C	X	0	3
68	MP3C	Z	49.369	3
69	MP3C	Mx	.029	3
70	MP3C	X	0	5
71	MP3C	Z	49.369	5
72	MP3C	Mx	.029	5
73	MP1A	X	0	4
74	MP1A	Z	33.56	4
75	MP1A	Mx	-.003	4
76	MP1B	X	0	4
77	MP1B	Z	7.578	4
78	MP1B	Mx	-.004	4
79	MP1C	X	0	4
80	MP1C	Z	13.657	4
81	MP1C	Mx	.006	4
82	OVP1	X	0	1
83	OVP1	Z	147.597	1
84	OVP1	Mx	0	1
85	MP2A	X	0	4
86	MP2A	Z	14.166	4
87	MP2A	Mx	.001	4
88	MP2B	X	0	4
89	MP2B	Z	10.026	4
90	MP2B	Mx	.005	4
91	MP2C	X	0	4
92	MP2C	Z	10.994	4
93	MP2C	Mx	-.005	4
94	MP2A	X	0	1.5
95	MP2A	Z	71.542	1.5
96	MP2A	Mx	.008	1.5
97	MP2B	X	0	1.5
98	MP2B	Z	49.028	1.5
99	MP2B	Mx	.032	1.5
100	MP2C	X	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
101	MP2C	Z	54.295	1.5
102	MP2C	Mx	-.031	1.5
103	MP1A	X	0	1.5
104	MP1A	Z	71.265	1.5
105	MP1A	Mx	.008	1.5
106	MP1B	X	0	1.5
107	MP1B	Z	40.126	1.5
108	MP1B	Mx	.026	1.5
109	MP1C	X	0	1.5
110	MP1C	Z	47.412	1.5
111	MP1C	Mx	-.027	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	-84.479	2
2	MP2A	Z	146.321	2
3	MP2A	Mx	.158	2
4	MP2A	X	-84.479	6
5	MP2A	Z	146.321	6
6	MP2A	Mx	.158	6
7	MP2B	X	-61.339	2
8	MP2B	Z	106.242	2
9	MP2B	Mx	-.045	2
10	MP2B	X	-61.339	6
11	MP2B	Z	106.242	6
12	MP2B	Mx	-.045	6
13	MP2C	X	-80.46	2
14	MP2C	Z	139.362	2
15	MP2C	Mx	-.051	2
16	MP2C	X	-80.46	6
17	MP2C	Z	139.362	6
18	MP2C	Mx	-.051	6
19	MP2A	X	-84.479	2
20	MP2A	Z	146.321	2
21	MP2A	Mx	-.081	2
22	MP2A	X	-84.479	6
23	MP2A	Z	146.321	6
24	MP2A	Mx	-.081	6
25	MP2B	X	-61.339	2
26	MP2B	Z	106.242	2
27	MP2B	Mx	-.108	2
28	MP2B	X	-61.339	6
29	MP2B	Z	106.242	6
30	MP2B	Mx	-.108	6
31	MP2C	X	-80.46	2
32	MP2C	Z	139.362	2
33	MP2C	Mx	.158	2
34	MP2C	X	-80.46	6
35	MP2C	Z	139.362	6
36	MP2C	Mx	.158	6
37	MP4A	X	-106.451	1
38	MP4A	Z	184.378	1
39	MP4A	Mx	.049	1
40	MP4A	X	-106.451	7
41	MP4A	Z	184.378	7
42	MP4A	Mx	.049	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
43	MP4B	X	-78.521	1
44	MP4B	Z	136.003	1
45	MP4B	Mx	-.098	1
46	MP4B	X	-78.521	7
47	MP4B	Z	136.003	7
48	MP4B	Mx	-.098	7
49	MP4C	X	-101.601	1
50	MP4C	Z	175.978	1
51	MP4C	Mx	.068	1
52	MP4C	X	-101.601	7
53	MP4C	Z	175.978	7
54	MP4C	Mx	.068	7
55	MP3A	X	-42.175	3
56	MP3A	Z	73.049	3
57	MP3A	Mx	.019	3
58	MP3A	X	-42.175	5
59	MP3A	Z	73.049	5
60	MP3A	Mx	.019	5
61	MP3B	X	-21.009	3
62	MP3B	Z	36.388	3
63	MP3B	Mx	-.026	3
64	MP3B	X	-21.009	5
65	MP3B	Z	36.388	5
66	MP3B	Mx	-.026	5
67	MP3C	X	-38.499	3
68	MP3C	Z	66.683	3
69	MP3C	Mx	.026	3
70	MP3C	X	-38.499	5
71	MP3C	Z	66.683	5
72	MP3C	Mx	.026	5
73	MP1A	X	-15.58	4
74	MP1A	Z	26.985	4
75	MP1A	Mx	.005	4
76	MP1B	X	-4.99	4
77	MP1B	Z	8.642	4
78	MP1B	Mx	-.005	4
79	MP1C	X	-13.741	4
80	MP1C	Z	23.799	4
81	MP1C	Mx	.007	4
82	OVP1	X	-64.5	1
83	OVP1	Z	111.717	1
84	OVP1	Mx	0	1
85	MP2A	X	-6.892	4
86	MP2A	Z	11.936	4
87	MP2A	Mx	-.002	4
88	MP2B	X	-5.204	4
89	MP2B	Z	9.014	4
90	MP2B	Mx	.005	4
91	MP2C	X	-6.599	4
92	MP2C	Z	11.429	4
93	MP2C	Mx	-.003	4
94	MP2A	X	-34.731	1.5
95	MP2A	Z	60.156	1.5
96	MP2A	Mx	-.016	1.5
97	MP2B	X	-25.554	1.5
98	MP2B	Z	44.261	1.5
99	MP2B	Mx	.032	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
100	MP2C	X	-33.137	1.5
101	MP2C	Z	57.396	1.5
102	MP2C	Mx	-.022	1.5
103	MP1A	X	-34.194	1.5
104	MP1A	Z	59.226	1.5
105	MP1A	Mx	-.016	1.5
106	MP1B	X	-21.502	1.5
107	MP1B	Z	37.242	1.5
108	MP1B	Mx	.027	1.5
109	MP1C	X	-31.99	1.5
110	MP1C	Z	55.409	1.5
111	MP1C	Mx	-.021	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-121.739	2
2	MP2A	Z	70.286	2
3	MP2A	Mx	.14	2
4	MP2A	X	-121.739	6
5	MP2A	Z	70.286	6
6	MP2A	Mx	.14	6
7	MP2B	X	-130.824	2
8	MP2B	Z	75.531	2
9	MP2B	Mx	.022	2
10	MP2B	X	-130.824	6
11	MP2B	Z	75.531	6
12	MP2B	Mx	.022	6
13	MP2C	X	-152.442	2
14	MP2C	Z	88.012	2
15	MP2C	Mx	-.132	2
16	MP2C	X	-152.442	6
17	MP2C	Z	88.012	6
18	MP2C	Mx	-.132	6
19	MP2A	X	-121.739	2
20	MP2A	Z	70.286	2
21	MP2A	Mx	.004	2
22	MP2A	X	-121.739	6
23	MP2A	Z	70.286	6
24	MP2A	Mx	.004	6
25	MP2B	X	-130.824	2
26	MP2B	Z	75.531	2
27	MP2B	Mx	-.152	2
28	MP2B	X	-130.824	6
29	MP2B	Z	75.531	6
30	MP2B	Mx	-.152	6
31	MP2C	X	-152.442	2
32	MP2C	Z	88.012	2
33	MP2C	Mx	.132	2
34	MP2C	X	-152.442	6
35	MP2C	Z	88.012	6
36	MP2C	Mx	.132	6
37	MP4A	X	-154.708	1
38	MP4A	Z	89.321	1
39	MP4A	Mx	.091	1
40	MP4A	X	-154.708	7
41	MP4A	Z	89.321	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
42	MP4A	Mx	.091	7
43	MP4B	X	-165.673	1
44	MP4B	Z	95.652	1
45	MP4B	Mx	-.082	1
46	MP4B	X	-165.673	7
47	MP4B	Z	95.652	7
48	MP4B	Mx	-.082	7
49	MP4C	X	-191.765	1
50	MP4C	Z	110.716	1
51	MP4C	Mx	0	1
52	MP4C	X	-191.765	7
53	MP4C	Z	110.716	7
54	MP4C	Mx	0	7
55	MP3A	X	-50.564	3
56	MP3A	Z	29.193	3
57	MP3A	Mx	.03	3
58	MP3A	X	-50.564	5
59	MP3A	Z	29.193	5
60	MP3A	Mx	.03	5
61	MP3B	X	-58.874	3
62	MP3B	Z	33.991	3
63	MP3B	Mx	-.029	3
64	MP3B	X	-58.874	5
65	MP3B	Z	33.991	5
66	MP3B	Mx	-.029	5
67	MP3C	X	-78.647	3
68	MP3C	Z	45.407	3
69	MP3C	Mx	0	3
70	MP3C	X	-78.647	5
71	MP3C	Z	45.407	5
72	MP3C	Mx	0	5
73	MP1A	X	-15.734	4
74	MP1A	Z	9.084	4
75	MP1A	Mx	.007	4
76	MP1B	X	-19.892	4
77	MP1B	Z	11.485	4
78	MP1B	Mx	-.007	4
79	MP1C	X	-29.786	4
80	MP1C	Z	17.197	4
81	MP1C	Mx	0	4
82	OVP1	X	-103.664	1
83	OVP1	Z	59.85	1
84	OVP1	Mx	0	1
85	MP2A	X	-10.144	4
86	MP2A	Z	5.857	4
87	MP2A	Mx	-.004	4
88	MP2B	X	-10.806	4
89	MP2B	Z	6.239	4
90	MP2B	Mx	.004	4
91	MP2C	X	-12.383	4
92	MP2C	Z	7.149	4
93	MP2C	Mx	0	4
94	MP2A	X	-50.407	1.5
95	MP2A	Z	29.102	1.5
96	MP2A	Mx	-.03	1.5
97	MP2B	X	-54.01	1.5
98	MP2B	Z	31.183	1.5





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
99	MP2B	Mx	.027	1.5
100	MP2C	X	-62.583	1.5
101	MP2C	Z	36.132	1.5
102	MP2C	Mx	0	1.5
103	MP1A	X	-45.742	1.5
104	MP1A	Z	26.409	1.5
105	MP1A	Mx	-.027	1.5
106	MP1B	X	-50.726	1.5
107	MP1B	Z	29.287	1.5
108	MP1B	Mx	.025	1.5
109	MP1C	X	-62.583	1.5
110	MP1C	Z	36.132	1.5
111	MP1C	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-117.432	2
2	MP2A	Z	0	2
3	MP2A	Mx	.092	2
4	MP2A	X	-117.432	6
5	MP2A	Z	0	6
6	MP2A	Mx	.092	6
7	MP2B	X	-174.203	2
8	MP2B	Z	0	2
9	MP2B	Mx	.109	2
10	MP2B	X	-174.203	6
11	MP2B	Z	0	6
12	MP2B	Mx	.109	6
13	MP2C	X	-160.921	2
14	MP2C	Z	0	2
15	MP2C	Mx	-.158	2
16	MP2C	X	-160.921	6
17	MP2C	Z	0	6
18	MP2C	Mx	-.158	6
19	MP2A	X	-117.432	2
20	MP2A	Z	0	2
21	MP2A	Mx	.062	2
22	MP2A	X	-117.432	6
23	MP2A	Z	0	6
24	MP2A	Mx	.062	6
25	MP2B	X	-174.203	2
26	MP2B	Z	0	2
27	MP2B	Mx	-.149	2
28	MP2B	X	-174.203	6
29	MP2B	Z	0	6
30	MP2B	Mx	-.149	6
31	MP2C	X	-160.921	2
32	MP2C	Z	0	2
33	MP2C	Mx	.051	2
34	MP2C	X	-160.921	6
35	MP2C	Z	0	6
36	MP2C	Mx	.051	6
37	MP4A	X	-150.712	1
38	MP4A	Z	0	1
39	MP4A	Mx	.099	1
40	MP4A	X	-150.712	7



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
41	MP4A	Z	0	7
42	MP4A	Mx	.099	7
43	MP4B	X	-219.233	1
44	MP4B	Z	0	1
45	MP4B	Mx	-.025	1
46	MP4B	X	-219.233	7
47	MP4B	Z	0	7
48	MP4B	Mx	-.025	7
49	MP4C	X	-203.202	1
50	MP4C	Z	0	1
51	MP4C	Mx	-.068	1
52	MP4C	X	-203.202	7
53	MP4C	Z	0	7
54	MP4C	Mx	-.068	7
55	MP3A	X	-37.22	3
56	MP3A	Z	0	3
57	MP3A	Mx	.024	3
58	MP3A	X	-37.22	5
59	MP3A	Z	0	5
60	MP3A	Mx	.024	5
61	MP3B	X	-89.148	3
62	MP3B	Z	0	3
63	MP3B	Mx	-.01	3
64	MP3B	X	-89.148	5
65	MP3B	Z	0	5
66	MP3B	Mx	-.01	5
67	MP3C	X	-76.999	3
68	MP3C	Z	0	3
69	MP3C	Mx	-.026	3
70	MP3C	X	-76.999	5
71	MP3C	Z	0	5
72	MP3C	Mx	-.026	5
73	MP1A	X	-7.578	4
74	MP1A	Z	0	4
75	MP1A	Mx	.004	4
76	MP1B	X	-33.56	4
77	MP1B	Z	0	4
78	MP1B	Mx	-.003	4
79	MP1C	X	-27.481	4
80	MP1C	Z	0	4
81	MP1C	Mx	-.007	4
82	OVP1	X	-128.999	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1
85	MP2A	X	-10.026	4
86	MP2A	Z	0	4
87	MP2A	Mx	-.005	4
88	MP2B	X	-14.166	4
89	MP2B	Z	0	4
90	MP2B	Mx	.001	4
91	MP2C	X	-13.197	4
92	MP2C	Z	0	4
93	MP2C	Mx	.003	4
94	MP2A	X	-49.028	1.5
95	MP2A	Z	0	1.5
96	MP2A	Mx	-.032	1.5
97	MP2B	X	-71.542	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
98	MP2B	Z	0	1.5
99	MP2B	Mx	.008	1.5
100	MP2C	X	-66.275	1.5
101	MP2C	Z	0	1.5
102	MP2C	Mx	.022	1.5
103	MP1A	X	-40.126	1.5
104	MP1A	Z	0	1.5
105	MP1A	Mx	-.026	1.5
106	MP1B	X	-71.265	1.5
107	MP1B	Z	0	1.5
108	MP1B	Mx	.008	1.5
109	MP1C	X	-63.98	1.5
110	MP1C	Z	0	1.5
111	MP1C	Mx	.021	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-106.242	2
2	MP2A	Z	-61.339	2
3	MP2A	Mx	.045	2
4	MP2A	X	-106.242	6
5	MP2A	Z	-61.339	6
6	MP2A	Mx	.045	6
7	MP2B	X	-146.321	2
8	MP2B	Z	-84.479	2
9	MP2B	Mx	.158	2
10	MP2B	X	-146.321	6
11	MP2B	Z	-84.479	6
12	MP2B	Mx	.158	6
13	MP2C	X	-113.202	2
14	MP2C	Z	-65.357	2
15	MP2C	Mx	-.124	2
16	MP2C	X	-113.202	6
17	MP2C	Z	-65.357	6
18	MP2C	Mx	-.124	6
19	MP2A	X	-106.242	2
20	MP2A	Z	-61.339	2
21	MP2A	Mx	.108	2
22	MP2A	X	-106.242	6
23	MP2A	Z	-61.339	6
24	MP2A	Mx	.108	6
25	MP2B	X	-146.321	2
26	MP2B	Z	-84.479	2
27	MP2B	Mx	-.081	2
28	MP2B	X	-146.321	6
29	MP2B	Z	-84.479	6
30	MP2B	Mx	-.081	6
31	MP2C	X	-113.202	2
32	MP2C	Z	-65.357	2
33	MP2C	Mx	-.026	2
34	MP2C	X	-113.202	6
35	MP2C	Z	-65.357	6
36	MP2C	Mx	-.026	6
37	MP4A	X	-136.003	1
38	MP4A	Z	-78.521	1
39	MP4A	Mx	.098	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
40	MP4A	X	-136.003	7
41	MP4A	Z	-78.521	7
42	MP4A	Mx	.098	7
43	MP4B	X	-184.378	1
44	MP4B	Z	-106.451	1
45	MP4B	Mx	.049	1
46	MP4B	X	-184.378	7
47	MP4B	Z	-106.451	7
48	MP4B	Mx	.049	7
49	MP4C	X	-144.403	1
50	MP4C	Z	-83.371	1
51	MP4C	Mx	-.096	1
52	MP4C	X	-144.403	7
53	MP4C	Z	-83.371	7
54	MP4C	Mx	-.096	7
55	MP3A	X	-36.388	3
56	MP3A	Z	-21.009	3
57	MP3A	Mx	.026	3
58	MP3A	X	-36.388	5
59	MP3A	Z	-21.009	5
60	MP3A	Mx	.026	5
61	MP3B	X	-73.049	3
62	MP3B	Z	-42.175	3
63	MP3B	Mx	.019	3
64	MP3B	X	-73.049	5
65	MP3B	Z	-42.175	5
66	MP3B	Mx	.019	5
67	MP3C	X	-42.754	3
68	MP3C	Z	-24.684	3
69	MP3C	Mx	-.029	3
70	MP3C	X	-42.754	5
71	MP3C	Z	-24.684	5
72	MP3C	Mx	-.029	5
73	MP1A	X	-8.642	4
74	MP1A	Z	-4.99	4
75	MP1A	Mx	.005	4
76	MP1B	X	-26.985	4
77	MP1B	Z	-15.58	4
78	MP1B	Mx	.005	4
79	MP1C	X	-11.827	4
80	MP1C	Z	-6.828	4
81	MP1C	Mx	-.006	4
82	OVP1	X	-127.823	1
83	OVP1	Z	-73.798	1
84	OVP1	Mx	0	1
85	MP2A	X	-9.014	4
86	MP2A	Z	-5.204	4
87	MP2A	Mx	-.005	4
88	MP2B	X	-11.936	4
89	MP2B	Z	-6.892	4
90	MP2B	Mx	-.002	4
91	MP2C	X	-9.521	4
92	MP2C	Z	-5.497	4
93	MP2C	Mx	.005	4
94	MP2A	X	-44.261	1.5
95	MP2A	Z	-25.554	1.5
96	MP2A	Mx	-.032	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
97	MP2B	X	-60.156	1.5
98	MP2B	Z	-34.731	1.5
99	MP2B	Mx	-.016	1.5
100	MP2C	X	-47.021	1.5
101	MP2C	Z	-27.148	1.5
102	MP2C	Mx	.031	1.5
103	MP1A	X	-37.242	1.5
104	MP1A	Z	-21.502	1.5
105	MP1A	Mx	-.027	1.5
106	MP1B	X	-59.226	1.5
107	MP1B	Z	-34.194	1.5
108	MP1B	Mx	-.016	1.5
109	MP1C	X	-41.06	1.5
110	MP1C	Z	-23.706	1.5
111	MP1C	Mx	.027	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-75.531	2
2	MP2A	Z	-130.824	2
3	MP2A	Mx	-.022	2
4	MP2A	X	-75.531	6
5	MP2A	Z	-130.824	6
6	MP2A	Mx	-.022	6
7	MP2B	X	-70.286	2
8	MP2B	Z	-121.739	2
9	MP2B	Mx	.14	2
10	MP2B	X	-70.286	6
11	MP2B	Z	-121.739	6
12	MP2B	Mx	.14	6
13	MP2C	X	-57.805	2
14	MP2C	Z	-100.122	2
15	MP2C	Mx	-.077	2
16	MP2C	X	-57.805	6
17	MP2C	Z	-100.122	6
18	MP2C	Mx	-.077	6
19	MP2A	X	-75.531	2
20	MP2A	Z	-130.824	2
21	MP2A	Mx	.152	2
22	MP2A	X	-75.531	6
23	MP2A	Z	-130.824	6
24	MP2A	Mx	.152	6
25	MP2B	X	-70.286	2
26	MP2B	Z	-121.739	2
27	MP2B	Mx	.004	2
28	MP2B	X	-70.286	6
29	MP2B	Z	-121.739	6
30	MP2B	Mx	.004	6
31	MP2C	X	-57.805	2
32	MP2C	Z	-100.122	2
33	MP2C	Mx	-.077	2
34	MP2C	X	-57.805	6
35	MP2C	Z	-100.122	6
36	MP2C	Mx	-.077	6
37	MP4A	X	-95.652	1
38	MP4A	Z	-165.673	1



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
39	MP4A	Mx	.082	1
40	MP4A	X	-95.652	7
41	MP4A	Z	-165.673	7
42	MP4A	Mx	.082	7
43	MP4B	X	-89.321	1
44	MP4B	Z	-154.708	1
45	MP4B	Mx	.091	1
46	MP4B	X	-89.321	7
47	MP4B	Z	-154.708	7
48	MP4B	Mx	.091	7
49	MP4C	X	-74.256	1
50	MP4C	Z	-128.616	1
51	MP4C	Mx	-.099	1
52	MP4C	X	-74.256	7
53	MP4C	Z	-128.616	7
54	MP4C	Mx	-.099	7
55	MP3A	X	-33.991	3
56	MP3A	Z	-58.874	3
57	MP3A	Mx	.029	3
58	MP3A	X	-33.991	5
59	MP3A	Z	-58.874	5
60	MP3A	Mx	.029	5
61	MP3B	X	-29.193	3
62	MP3B	Z	-50.564	3
63	MP3B	Mx	.03	3
64	MP3B	X	-29.193	5
65	MP3B	Z	-50.564	5
66	MP3B	Mx	.03	5
67	MP3C	X	-17.777	3
68	MP3C	Z	-30.79	3
69	MP3C	Mx	-.024	3
70	MP3C	X	-17.777	5
71	MP3C	Z	-30.79	5
72	MP3C	Mx	-.024	5
73	MP1A	X	-11.485	4
74	MP1A	Z	-19.892	4
75	MP1A	Mx	.007	4
76	MP1B	X	-9.084	4
77	MP1B	Z	-15.734	4
78	MP1B	Mx	.007	4
79	MP1C	X	-3.372	4
80	MP1C	Z	-5.841	4
81	MP1C	Mx	-.003	4
82	OVP1	X	-78.448	1
83	OVP1	Z	-135.876	1
84	OVP1	Mx	0	1
85	MP2A	X	-6.239	4
86	MP2A	Z	-10.806	4
87	MP2A	Mx	-.004	4
88	MP2B	X	-5.857	4
89	MP2B	Z	-10.144	4
90	MP2B	Mx	-.004	4
91	MP2C	X	-4.946	4
92	MP2C	Z	-8.568	4
93	MP2C	Mx	.005	4
94	MP2A	X	-31.183	1.5
95	MP2A	Z	-54.01	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
96	MP2A	Mx	-.027	1.5
97	MP2B	X	-29.102	1.5
98	MP2B	Z	-50.407	1.5
99	MP2B	Mx	-.03	1.5
100	MP2C	X	-24.153	1.5
101	MP2C	Z	-41.834	1.5
102	MP2C	Mx	.032	1.5
103	MP1A	X	-29.287	1.5
104	MP1A	Z	-50.726	1.5
105	MP1A	Mx	-.025	1.5
106	MP1B	X	-26.409	1.5
107	MP1B	Z	-45.742	1.5
108	MP1B	Mx	-.027	1.5
109	MP1C	X	-19.564	1.5
110	MP1C	Z	-33.885	1.5
111	MP1C	Mx	.026	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	0	2
2	MP2A	Z	-33.089	2
3	MP2A	Mx	-.021	2
4	MP2A	X	0	6
5	MP2A	Z	-33.089	6
6	MP2A	Mx	-.021	6
7	MP2B	X	0	2
8	MP2B	Z	-23.09	2
9	MP2B	Mx	.018	2
10	MP2B	X	0	6
11	MP2B	Z	-23.09	6
12	MP2B	Mx	.018	6
13	MP2C	X	0	2
14	MP2C	Z	-25.429	2
15	MP2C	Mx	-.005	2
16	MP2C	X	0	6
17	MP2C	Z	-25.429	6
18	MP2C	Mx	-.005	6
19	MP2A	X	0	2
20	MP2A	Z	-33.089	2
21	MP2A	Mx	.028	2
22	MP2A	X	0	6
23	MP2A	Z	-33.089	6
24	MP2A	Mx	.028	6
25	MP2B	X	0	2
26	MP2B	Z	-23.09	2
27	MP2B	Mx	.012	2
28	MP2B	X	0	6
29	MP2B	Z	-23.09	6
30	MP2B	Mx	.012	6
31	MP2C	X	0	2
32	MP2C	Z	-25.429	2
33	MP2C	Mx	-.024	2
34	MP2C	X	0	6
35	MP2C	Z	-25.429	6
36	MP2C	Mx	-.024	6
37	MP4A	X	0	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
38	MP4A	Z	-41.567	1
39	MP4A	Mx	.005	1
40	MP4A	X	0	7
41	MP4A	Z	-41.567	7
42	MP4A	Mx	.005	7
43	MP4B	X	0	1
44	MP4B	Z	-29.431	1
45	MP4B	Mx	.019	1
46	MP4B	X	0	7
47	MP4B	Z	-29.431	7
48	MP4B	Mx	.019	7
49	MP4C	X	0	1
50	MP4C	Z	-32.271	1
51	MP4C	Mx	-.019	1
52	MP4C	X	0	7
53	MP4C	Z	-32.271	7
54	MP4C	Mx	-.019	7
55	MP3A	X	0	3
56	MP3A	Z	-17.449	3
57	MP3A	Mx	.002	3
58	MP3A	X	0	5
59	MP3A	Z	-17.449	5
60	MP3A	Mx	.002	5
61	MP3B	X	0	3
62	MP3B	Z	-7.855	3
63	MP3B	Mx	.005	3
64	MP3B	X	0	5
65	MP3B	Z	-7.855	5
66	MP3B	Mx	.005	5
67	MP3C	X	0	3
68	MP3C	Z	-10.1	3
69	MP3C	Mx	-.006	3
70	MP3C	X	0	5
71	MP3C	Z	-10.1	5
72	MP3C	Mx	-.006	5
73	MP1A	X	0	4
74	MP1A	Z	-7.523	4
75	MP1A	Mx	.000653	4
76	MP1B	X	0	4
77	MP1B	Z	-2.405	4
78	MP1B	Mx	.001	4
79	MP1C	X	0	4
80	MP1C	Z	-3.602	4
81	MP1C	Mx	-.002	4
82	OVP1	X	0	1
83	OVP1	Z	-29.072	1
84	OVP1	Mx	0	1
85	MP2A	X	0	4
86	MP2A	Z	-3.582	4
87	MP2A	Mx	-.000311	4
88	MP2B	X	0	4
89	MP2B	Z	-2.731	4
90	MP2B	Mx	-.001	4
91	MP2C	X	0	4
92	MP2C	Z	-2.93	4
93	MP2C	Mx	.001	4
94	MP2A	X	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
95	MP2A	Z	-14.807	1.5
96	MP2A	Mx	-.002	1.5
97	MP2B	X	0	1.5
98	MP2B	Z	-10.522	1.5
99	MP2B	Mx	-.007	1.5
100	MP2C	X	0	1.5
101	MP2C	Z	-11.525	1.5
102	MP2C	Mx	.007	1.5
103	MP1A	X	0	1.5
104	MP1A	Z	-14.755	1.5
105	MP1A	Mx	-.002	1.5
106	MP1B	X	0	1.5
107	MP1B	Z	-8.842	1.5
108	MP1B	Mx	-.006	1.5
109	MP1C	X	0	1.5
110	MP1C	Z	-10.225	1.5
111	MP1C	Mx	.006	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	16.082	2
2	MP2A	Z	-27.856	2
3	MP2A	Mx	-.03	2
4	MP2A	X	16.082	6
5	MP2A	Z	-27.856	6
6	MP2A	Mx	-.03	6
7	MP2B	X	12.007	2
8	MP2B	Z	-20.796	2
9	MP2B	Mx	.009	2
10	MP2B	X	12.007	6
11	MP2B	Z	-20.796	6
12	MP2B	Mx	.009	6
13	MP2C	X	15.375	2
14	MP2C	Z	-26.63	2
15	MP2C	Mx	.01	2
16	MP2C	X	15.375	6
17	MP2C	Z	-26.63	6
18	MP2C	Mx	.01	6
19	MP2A	X	16.082	2
20	MP2A	Z	-27.856	2
21	MP2A	Mx	.015	2
22	MP2A	X	16.082	6
23	MP2A	Z	-27.856	6
24	MP2A	Mx	.015	6
25	MP2B	X	12.007	2
26	MP2B	Z	-20.796	2
27	MP2B	Mx	.021	2
28	MP2B	X	12.007	6
29	MP2B	Z	-20.796	6
30	MP2B	Mx	.021	6
31	MP2C	X	15.375	2
32	MP2C	Z	-26.63	2
33	MP2C	Mx	-.03	2
34	MP2C	X	15.375	6
35	MP2C	Z	-26.63	6
36	MP2C	Mx	-.03	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
37	MP4A	X	20.223	1
38	MP4A	Z	-35.027	1
39	MP4A	Mx	-.009	1
40	MP4A	X	20.223	7
41	MP4A	Z	-35.027	7
42	MP4A	Mx	-.009	7
43	MP4B	X	15.276	1
44	MP4B	Z	-26.459	1
45	MP4B	Mx	.019	1
46	MP4B	X	15.276	7
47	MP4B	Z	-26.459	7
48	MP4B	Mx	.019	7
49	MP4C	X	19.364	1
50	MP4C	Z	-33.54	1
51	MP4C	Mx	-.013	1
52	MP4C	X	19.364	7
53	MP4C	Z	-33.54	7
54	MP4C	Mx	-.013	7
55	MP3A	X	8.281	3
56	MP3A	Z	-14.344	3
57	MP3A	Mx	-.004	3
58	MP3A	X	8.281	5
59	MP3A	Z	-14.344	5
60	MP3A	Mx	-.004	5
61	MP3B	X	4.371	3
62	MP3B	Z	-7.57	3
63	MP3B	Mx	.005	3
64	MP3B	X	4.371	5
65	MP3B	Z	-7.57	5
66	MP3B	Mx	.005	5
67	MP3C	X	7.602	3
68	MP3C	Z	-13.168	3
69	MP3C	Mx	-.005	3
70	MP3C	X	7.602	5
71	MP3C	Z	-13.168	5
72	MP3C	Mx	-.005	5
73	MP1A	X	3.525	4
74	MP1A	Z	-6.106	4
75	MP1A	Mx	-.001	4
76	MP1B	X	1.439	4
77	MP1B	Z	-2.492	4
78	MP1B	Mx	.001	4
79	MP1C	X	3.163	4
80	MP1C	Z	-5.478	4
81	MP1C	Mx	-.002	4
82	OVP1	X	12.857	1
83	OVP1	Z	-22.268	1
84	OVP1	Mx	0	1
85	MP2A	X	1.752	4
86	MP2A	Z	-3.034	4
87	MP2A	Mx	.000599	4
88	MP2B	X	1.405	4
89	MP2B	Z	-2.433	4
90	MP2B	Mx	-.001	4
91	MP2C	X	1.691	4
92	MP2C	Z	-2.93	4
93	MP2C	Mx	.000846	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
94	MP2A	X	7.206	1.5
95	MP2A	Z	-12.48	1.5
96	MP2A	Mx	.003	1.5
97	MP2B	X	5.459	1.5
98	MP2B	Z	-9.455	1.5
99	MP2B	Mx	-.007	1.5
100	MP2C	X	6.902	1.5
101	MP2C	Z	-11.955	1.5
102	MP2C	Mx	.005	1.5
103	MP1A	X	7.104	1.5
104	MP1A	Z	-12.305	1.5
105	MP1A	Mx	.003	1.5
106	MP1B	X	4.694	1.5
107	MP1B	Z	-8.13	1.5
108	MP1B	Mx	-.006	1.5
109	MP1C	X	6.686	1.5
110	MP1C	Z	-11.58	1.5
111	MP1C	Mx	.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	23.526	2
2	MP2A	Z	-13.583	2
3	MP2A	Mx	-.027	2
4	MP2A	X	23.526	6
5	MP2A	Z	-13.583	6
6	MP2A	Mx	-.027	6
7	MP2B	X	25.126	2
8	MP2B	Z	-14.507	2
9	MP2B	Mx	-.004	2
10	MP2B	X	25.126	6
11	MP2B	Z	-14.507	6
12	MP2B	Mx	-.004	6
13	MP2C	X	28.934	2
14	MP2C	Z	-16.705	2
15	MP2C	Mx	.025	2
16	MP2C	X	28.934	6
17	MP2C	Z	-16.705	6
18	MP2C	Mx	.025	6
19	MP2A	X	23.526	2
20	MP2A	Z	-13.583	2
21	MP2A	Mx	-.000777	2
22	MP2A	X	23.526	6
23	MP2A	Z	-13.583	6
24	MP2A	Mx	-.000777	6
25	MP2B	X	25.126	2
26	MP2B	Z	-14.507	2
27	MP2B	Mx	.029	2
28	MP2B	X	25.126	6
29	MP2B	Z	-14.507	6
30	MP2B	Mx	.029	6
31	MP2C	X	28.934	2
32	MP2C	Z	-16.705	2
33	MP2C	Mx	-.025	2
34	MP2C	X	28.934	6
35	MP2C	Z	-16.705	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
36	MP2C	Mx	-.025	6
37	MP4A	X	29.772	1
38	MP4A	Z	-17.189	1
39	MP4A	Mx	-.018	1
40	MP4A	X	29.772	7
41	MP4A	Z	-17.189	7
42	MP4A	Mx	-.018	7
43	MP4B	X	31.714	1
44	MP4B	Z	-18.31	1
45	MP4B	Mx	.016	1
46	MP4B	X	31.714	7
47	MP4B	Z	-18.31	7
48	MP4B	Mx	.016	7
49	MP4C	X	36.336	1
50	MP4C	Z	-20.978	1
51	MP4C	Mx	0	1
52	MP4C	X	36.336	7
53	MP4C	Z	-20.978	7
54	MP4C	Mx	0	7
55	MP3A	X	10.189	3
56	MP3A	Z	-5.883	3
57	MP3A	Mx	-.006	3
58	MP3A	X	10.189	5
59	MP3A	Z	-5.883	5
60	MP3A	Mx	-.006	5
61	MP3B	X	11.725	3
62	MP3B	Z	-6.769	3
63	MP3B	Mx	.006	3
64	MP3B	X	11.725	5
65	MP3B	Z	-6.769	5
66	MP3B	Mx	.006	5
67	MP3C	X	15.378	3
68	MP3C	Z	-8.879	3
69	MP3C	Mx	0	3
70	MP3C	X	15.378	5
71	MP3C	Z	-8.879	5
72	MP3C	Mx	0	5
73	MP1A	X	3.89	4
74	MP1A	Z	-2.246	4
75	MP1A	Mx	-.002	4
76	MP1B	X	4.709	4
77	MP1B	Z	-2.719	4
78	MP1B	Mx	.002	4
79	MP1C	X	6.658	4
80	MP1C	Z	-3.844	4
81	MP1C	Mx	0	4
82	OVP1	X	20.814	1
83	OVP1	Z	-12.017	1
84	OVP1	Mx	0	1
85	MP2A	X	2.666	4
86	MP2A	Z	-1.539	4
87	MP2A	Mx	.001	4
88	MP2B	X	2.802	4
89	MP2B	Z	-1.618	4
90	MP2B	Mx	-.001	4
91	MP2C	X	3.126	4
92	MP2C	Z	-1.805	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
93	MP2C	Mx	0	4
94	MP2A	X	10.625	1.5
95	MP2A	Z	-6.134	1.5
96	MP2A	Mx	.006	1.5
97	MP2B	X	11.311	1.5
98	MP2B	Z	-6.53	1.5
99	MP2B	Mx	-.006	1.5
100	MP2C	X	12.942	1.5
101	MP2C	Z	-7.472	1.5
102	MP2C	Mx	0	1.5
103	MP1A	X	9.744	1.5
104	MP1A	Z	-5.626	1.5
105	MP1A	Mx	.006	1.5
106	MP1B	X	10.691	1.5
107	MP1B	Z	-6.172	1.5
108	MP1B	Mx	-.005	1.5
109	MP1C	X	12.942	1.5
110	MP1C	Z	-7.472	1.5
111	MP1C	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	23.09	2
2	MP2A	Z	0	2
3	MP2A	Mx	-.018	2
4	MP2A	X	23.09	6
5	MP2A	Z	0	6
6	MP2A	Mx	-.018	6
7	MP2B	X	33.089	2
8	MP2B	Z	0	2
9	MP2B	Mx	-.021	2
10	MP2B	X	33.089	6
11	MP2B	Z	0	6
12	MP2B	Mx	-.021	6
13	MP2C	X	30.749	2
14	MP2C	Z	0	2
15	MP2C	Mx	.03	2
16	MP2C	X	30.749	6
17	MP2C	Z	0	6
18	MP2C	Mx	.03	6
19	MP2A	X	23.09	2
20	MP2A	Z	0	2
21	MP2A	Mx	-.012	2
22	MP2A	X	23.09	6
23	MP2A	Z	0	6
24	MP2A	Mx	-.012	6
25	MP2B	X	33.089	2
26	MP2B	Z	0	2
27	MP2B	Mx	.028	2
28	MP2B	X	33.089	6
29	MP2B	Z	0	6
30	MP2B	Mx	.028	6
31	MP2C	X	30.749	2
32	MP2C	Z	0	2
33	MP2C	Mx	-.01	2
34	MP2C	X	30.749	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
35	MP2C	Z	0	6
36	MP2C	Mx	-.01	6
37	MP4A	X	29.431	1
38	MP4A	Z	0	1
39	MP4A	Mx	-.019	1
40	MP4A	X	29.431	7
41	MP4A	Z	0	7
42	MP4A	Mx	-.019	7
43	MP4B	X	41.567	1
44	MP4B	Z	0	1
45	MP4B	Mx	.005	1
46	MP4B	X	41.567	7
47	MP4B	Z	0	7
48	MP4B	Mx	.005	7
49	MP4C	X	38.728	1
50	MP4C	Z	0	1
51	MP4C	Mx	.013	1
52	MP4C	X	38.728	7
53	MP4C	Z	0	7
54	MP4C	Mx	.013	7
55	MP3A	X	7.855	3
56	MP3A	Z	0	3
57	MP3A	Mx	-.005	3
58	MP3A	X	7.855	5
59	MP3A	Z	0	5
60	MP3A	Mx	-.005	5
61	MP3B	X	17.449	3
62	MP3B	Z	0	3
63	MP3B	Mx	.002	3
64	MP3B	X	17.449	5
65	MP3B	Z	0	5
66	MP3B	Mx	.002	5
67	MP3C	X	15.205	3
68	MP3C	Z	0	3
69	MP3C	Mx	.005	3
70	MP3C	X	15.205	5
71	MP3C	Z	0	5
72	MP3C	Mx	.005	5
73	MP1A	X	2.405	4
74	MP1A	Z	0	4
75	MP1A	Mx	-.001	4
76	MP1B	X	7.523	4
77	MP1B	Z	0	4
78	MP1B	Mx	.000653	4
79	MP1C	X	6.326	4
80	MP1C	Z	0	4
81	MP1C	Mx	.002	4
82	OVP1	X	25.713	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1
85	MP2A	X	2.731	4
86	MP2A	Z	0	4
87	MP2A	Mx	.001	4
88	MP2B	X	3.582	4
89	MP2B	Z	0	4
90	MP2B	Mx	-.000311	4
91	MP2C	X	3.383	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
92	MP2C	Z	0	4
93	MP2C	Mx	-.000846	4
94	MP2A	X	10.522	1.5
95	MP2A	Z	0	1.5
96	MP2A	Mx	.007	1.5
97	MP2B	X	14.807	1.5
98	MP2B	Z	0	1.5
99	MP2B	Mx	-.002	1.5
100	MP2C	X	13.804	1.5
101	MP2C	Z	0	1.5
102	MP2C	Mx	-.005	1.5
103	MP1A	X	8.842	1.5
104	MP1A	Z	0	1.5
105	MP1A	Mx	.006	1.5
106	MP1B	X	14.755	1.5
107	MP1B	Z	0	1.5
108	MP1B	Mx	-.002	1.5
109	MP1C	X	13.371	1.5
110	MP1C	Z	0	1.5
111	MP1C	Mx	-.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	20.796	2
2	MP2A	Z	12.007	2
3	MP2A	Mx	-.009	2
4	MP2A	X	20.796	6
5	MP2A	Z	12.007	6
6	MP2A	Mx	-.009	6
7	MP2B	X	27.856	2
8	MP2B	Z	16.082	2
9	MP2B	Mx	-.03	2
10	MP2B	X	27.856	6
11	MP2B	Z	16.082	6
12	MP2B	Mx	-.03	6
13	MP2C	X	22.022	2
14	MP2C	Z	12.715	2
15	MP2C	Mx	.024	2
16	MP2C	X	22.022	6
17	MP2C	Z	12.715	6
18	MP2C	Mx	.024	6
19	MP2A	X	20.796	2
20	MP2A	Z	12.007	2
21	MP2A	Mx	-.021	2
22	MP2A	X	20.796	6
23	MP2A	Z	12.007	6
24	MP2A	Mx	-.021	6
25	MP2B	X	27.856	2
26	MP2B	Z	16.082	2
27	MP2B	Mx	.015	2
28	MP2B	X	27.856	6
29	MP2B	Z	16.082	6
30	MP2B	Mx	.015	6
31	MP2C	X	22.022	2
32	MP2C	Z	12.715	2
33	MP2C	Mx	.005	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
34	MP2C	X	22.022	6
35	MP2C	Z	12.715	6
36	MP2C	Mx	.005	6
37	MP4A	X	26.459	1
38	MP4A	Z	15.276	1
39	MP4A	Mx	-.019	1
40	MP4A	X	26.459	7
41	MP4A	Z	15.276	7
42	MP4A	Mx	-.019	7
43	MP4B	X	35.027	1
44	MP4B	Z	20.223	1
45	MP4B	Mx	-.009	1
46	MP4B	X	35.027	7
47	MP4B	Z	20.223	7
48	MP4B	Mx	-.009	7
49	MP4C	X	27.947	1
50	MP4C	Z	16.135	1
51	MP4C	Mx	.019	1
52	MP4C	X	27.947	7
53	MP4C	Z	16.135	7
54	MP4C	Mx	.019	7
55	MP3A	X	7.57	3
56	MP3A	Z	4.371	3
57	MP3A	Mx	-.005	3
58	MP3A	X	7.57	5
59	MP3A	Z	4.371	5
60	MP3A	Mx	-.005	5
61	MP3B	X	14.344	3
62	MP3B	Z	8.281	3
63	MP3B	Mx	-.004	3
64	MP3B	X	14.344	5
65	MP3B	Z	8.281	5
66	MP3B	Mx	-.004	5
67	MP3C	X	8.747	3
68	MP3C	Z	5.05	3
69	MP3C	Mx	.006	3
70	MP3C	X	8.747	5
71	MP3C	Z	5.05	5
72	MP3C	Mx	.006	5
73	MP1A	X	2.492	4
74	MP1A	Z	1.439	4
75	MP1A	Mx	-.001	4
76	MP1B	X	6.106	4
77	MP1B	Z	3.525	4
78	MP1B	Mx	-.001	4
79	MP1C	X	3.12	4
80	MP1C	Z	1.801	4
81	MP1C	Mx	.002	4
82	OVP1	X	25.177	1
83	OVP1	Z	14.536	1
84	OVP1	Mx	0	1
85	MP2A	X	2.433	4
86	MP2A	Z	1.405	4
87	MP2A	Mx	.001	4
88	MP2B	X	3.034	4
89	MP2B	Z	1.752	4
90	MP2B	Mx	.000599	4





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
91	MP2C	X	2.538	4
92	MP2C	Z	1.465	4
93	MP2C	Mx	-.001	4
94	MP2A	X	9.455	1.5
95	MP2A	Z	5.459	1.5
96	MP2A	Mx	.007	1.5
97	MP2B	X	12.48	1.5
98	MP2B	Z	7.206	1.5
99	MP2B	Mx	.003	1.5
100	MP2C	X	9.981	1.5
101	MP2C	Z	5.762	1.5
102	MP2C	Mx	-.007	1.5
103	MP1A	X	8.13	1.5
104	MP1A	Z	4.694	1.5
105	MP1A	Mx	.006	1.5
106	MP1B	X	12.305	1.5
107	MP1B	Z	7.104	1.5
108	MP1B	Mx	.003	1.5
109	MP1C	X	8.855	1.5
110	MP1C	Z	5.113	1.5
111	MP1C	Mx	-.006	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	14.507	2
2	MP2A	Z	25.126	2
3	MP2A	Mx	.004	2
4	MP2A	X	14.507	6
5	MP2A	Z	25.126	6
6	MP2A	Mx	.004	6
7	MP2B	X	13.583	2
8	MP2B	Z	23.526	2
9	MP2B	Mx	-.027	2
10	MP2B	X	13.583	6
11	MP2B	Z	23.526	6
12	MP2B	Mx	-.027	6
13	MP2C	X	11.384	2
14	MP2C	Z	19.718	2
15	MP2C	Mx	.015	2
16	MP2C	X	11.384	6
17	MP2C	Z	19.718	6
18	MP2C	Mx	.015	6
19	MP2A	X	14.507	2
20	MP2A	Z	25.126	2
21	MP2A	Mx	-.029	2
22	MP2A	X	14.507	6
23	MP2A	Z	25.126	6
24	MP2A	Mx	-.029	6
25	MP2B	X	13.583	2
26	MP2B	Z	23.526	2
27	MP2B	Mx	-.000777	2
28	MP2B	X	13.583	6
29	MP2B	Z	23.526	6
30	MP2B	Mx	-.000777	6
31	MP2C	X	11.384	2
32	MP2C	Z	19.718	2



Company : Maser Consulting  
 Designer : SEA  
 Job Number :  
 Model Name : Mount Analysis

Sept 30, 2021  
 5:20 PM  
 Checked By: DX

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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
33	MP2C	Mx	.015	2
34	MP2C	X	11.384	6
35	MP2C	Z	19.718	6
36	MP2C	Mx	.015	6
37	MP4A	X	18.31	1
38	MP4A	Z	31.714	1
39	MP4A	Mx	-.016	1
40	MP4A	X	18.31	7
41	MP4A	Z	31.714	7
42	MP4A	Mx	-.016	7
43	MP4B	X	17.189	1
44	MP4B	Z	29.772	1
45	MP4B	Mx	-.018	1
46	MP4B	X	17.189	7
47	MP4B	Z	29.772	7
48	MP4B	Mx	-.018	7
49	MP4C	X	14.521	1
50	MP4C	Z	25.151	1
51	MP4C	Mx	.019	1
52	MP4C	X	14.521	7
53	MP4C	Z	25.151	7
54	MP4C	Mx	.019	7
55	MP3A	X	6.769	3
56	MP3A	Z	11.725	3
57	MP3A	Mx	-.006	3
58	MP3A	X	6.769	5
59	MP3A	Z	11.725	5
60	MP3A	Mx	-.006	5
61	MP3B	X	5.883	3
62	MP3B	Z	10.189	3
63	MP3B	Mx	-.006	3
64	MP3B	X	5.883	5
65	MP3B	Z	10.189	5
66	MP3B	Mx	-.006	5
67	MP3C	X	3.774	3
68	MP3C	Z	6.536	3
69	MP3C	Mx	.005	3
70	MP3C	X	3.774	5
71	MP3C	Z	6.536	5
72	MP3C	Mx	.005	5
73	MP1A	X	2.719	4
74	MP1A	Z	4.709	4
75	MP1A	Mx	-.002	4
76	MP1B	X	2.246	4
77	MP1B	Z	3.89	4
78	MP1B	Mx	-.002	4
79	MP1C	X	1.12	4
80	MP1C	Z	1.94	4
81	MP1C	Mx	.001	4
82	OVP1	X	15.376	1
83	OVP1	Z	26.632	1
84	OVP1	Mx	0	1
85	MP2A	X	1.618	4
86	MP2A	Z	2.802	4
87	MP2A	Mx	.001	4
88	MP2B	X	1.539	4
89	MP2B	Z	2.666	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
90	MP2B	Mx	.001	4
91	MP2C	X	1.352	4
92	MP2C	Z	2.342	4
93	MP2C	Mx	-.001	4
94	MP2A	X	6.53	1.5
95	MP2A	Z	11.311	1.5
96	MP2A	Mx	.006	1.5
97	MP2B	X	6.134	1.5
98	MP2B	Z	10.625	1.5
99	MP2B	Mx	.006	1.5
100	MP2C	X	5.192	1.5
101	MP2C	Z	8.993	1.5
102	MP2C	Mx	-.007	1.5
103	MP1A	X	6.172	1.5
104	MP1A	Z	10.691	1.5
105	MP1A	Mx	.005	1.5
106	MP1B	X	5.626	1.5
107	MP1B	Z	9.744	1.5
108	MP1B	Mx	.006	1.5
109	MP1C	X	4.326	1.5
110	MP1C	Z	7.493	1.5
111	MP1C	Mx	-.006	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	2
2	MP2A	Z	33.089	2
3	MP2A	Mx	.021	2
4	MP2A	X	0	6
5	MP2A	Z	33.089	6
6	MP2A	Mx	.021	6
7	MP2B	X	0	2
8	MP2B	Z	23.09	2
9	MP2B	Mx	-.018	2
10	MP2B	X	0	6
11	MP2B	Z	23.09	6
12	MP2B	Mx	-.018	6
13	MP2C	X	0	2
14	MP2C	Z	25.429	2
15	MP2C	Mx	.005	2
16	MP2C	X	0	6
17	MP2C	Z	25.429	6
18	MP2C	Mx	.005	6
19	MP2A	X	0	2
20	MP2A	Z	33.089	2
21	MP2A	Mx	-.028	2
22	MP2A	X	0	6
23	MP2A	Z	33.089	6
24	MP2A	Mx	-.028	6
25	MP2B	X	0	2
26	MP2B	Z	23.09	2
27	MP2B	Mx	-.012	2
28	MP2B	X	0	6
29	MP2B	Z	23.09	6
30	MP2B	Mx	-.012	6
31	MP2C	X	0	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
32	MP2C	Z	25.429	2
33	MP2C	Mx	.024	2
34	MP2C	X	0	6
35	MP2C	Z	25.429	6
36	MP2C	Mx	.024	6
37	MP4A	X	0	1
38	MP4A	Z	41.567	1
39	MP4A	Mx	-.005	1
40	MP4A	X	0	7
41	MP4A	Z	41.567	7
42	MP4A	Mx	-.005	7
43	MP4B	X	0	1
44	MP4B	Z	29.431	1
45	MP4B	Mx	-.019	1
46	MP4B	X	0	7
47	MP4B	Z	29.431	7
48	MP4B	Mx	-.019	7
49	MP4C	X	0	1
50	MP4C	Z	32.271	1
51	MP4C	Mx	.019	1
52	MP4C	X	0	7
53	MP4C	Z	32.271	7
54	MP4C	Mx	.019	7
55	MP3A	X	0	3
56	MP3A	Z	17.449	3
57	MP3A	Mx	-.002	3
58	MP3A	X	0	5
59	MP3A	Z	17.449	5
60	MP3A	Mx	-.002	5
61	MP3B	X	0	3
62	MP3B	Z	7.855	3
63	MP3B	Mx	-.005	3
64	MP3B	X	0	5
65	MP3B	Z	7.855	5
66	MP3B	Mx	-.005	5
67	MP3C	X	0	3
68	MP3C	Z	10.1	3
69	MP3C	Mx	.006	3
70	MP3C	X	0	5
71	MP3C	Z	10.1	5
72	MP3C	Mx	.006	5
73	MP1A	X	0	4
74	MP1A	Z	7.523	4
75	MP1A	Mx	-.000653	4
76	MP1B	X	0	4
77	MP1B	Z	2.405	4
78	MP1B	Mx	-.001	4
79	MP1C	X	0	4
80	MP1C	Z	3.602	4
81	MP1C	Mx	.002	4
82	OVP1	X	0	1
83	OVP1	Z	29.072	1
84	OVP1	Mx	0	1
85	MP2A	X	0	4
86	MP2A	Z	3.582	4
87	MP2A	Mx	.000311	4
88	MP2B	X	0	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
89	MP2B	Z	2.731	4
90	MP2B	Mx	.001	4
91	MP2C	X	0	4
92	MP2C	Z	2.93	4
93	MP2C	Mx	-.001	4
94	MP2A	X	0	1.5
95	MP2A	Z	14.807	1.5
96	MP2A	Mx	.002	1.5
97	MP2B	X	0	1.5
98	MP2B	Z	10.522	1.5
99	MP2B	Mx	.007	1.5
100	MP2C	X	0	1.5
101	MP2C	Z	11.525	1.5
102	MP2C	Mx	-.007	1.5
103	MP1A	X	0	1.5
104	MP1A	Z	14.755	1.5
105	MP1A	Mx	.002	1.5
106	MP1B	X	0	1.5
107	MP1B	Z	8.842	1.5
108	MP1B	Mx	.006	1.5
109	MP1C	X	0	1.5
110	MP1C	Z	10.225	1.5
111	MP1C	Mx	-.006	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-16.082	2
2	MP2A	Z	27.856	2
3	MP2A	Mx	.03	2
4	MP2A	X	-16.082	6
5	MP2A	Z	27.856	6
6	MP2A	Mx	.03	6
7	MP2B	X	-12.007	2
8	MP2B	Z	20.796	2
9	MP2B	Mx	-.009	2
10	MP2B	X	-12.007	6
11	MP2B	Z	20.796	6
12	MP2B	Mx	-.009	6
13	MP2C	X	-15.375	2
14	MP2C	Z	26.63	2
15	MP2C	Mx	-.01	2
16	MP2C	X	-15.375	6
17	MP2C	Z	26.63	6
18	MP2C	Mx	-.01	6
19	MP2A	X	-16.082	2
20	MP2A	Z	27.856	2
21	MP2A	Mx	-.015	2
22	MP2A	X	-16.082	6
23	MP2A	Z	27.856	6
24	MP2A	Mx	-.015	6
25	MP2B	X	-12.007	2
26	MP2B	Z	20.796	2
27	MP2B	Mx	-.021	2
28	MP2B	X	-12.007	6
29	MP2B	Z	20.796	6
30	MP2B	Mx	-.021	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
31	MP2C	X	-15.375	2
32	MP2C	Z	26.63	2
33	MP2C	Mx	.03	2
34	MP2C	X	-15.375	6
35	MP2C	Z	26.63	6
36	MP2C	Mx	.03	6
37	MP4A	X	-20.223	1
38	MP4A	Z	35.027	1
39	MP4A	Mx	.009	1
40	MP4A	X	-20.223	7
41	MP4A	Z	35.027	7
42	MP4A	Mx	.009	7
43	MP4B	X	-15.276	1
44	MP4B	Z	26.459	1
45	MP4B	Mx	-.019	1
46	MP4B	X	-15.276	7
47	MP4B	Z	26.459	7
48	MP4B	Mx	-.019	7
49	MP4C	X	-19.364	1
50	MP4C	Z	33.54	1
51	MP4C	Mx	.013	1
52	MP4C	X	-19.364	7
53	MP4C	Z	33.54	7
54	MP4C	Mx	.013	7
55	MP3A	X	-8.281	3
56	MP3A	Z	14.344	3
57	MP3A	Mx	.004	3
58	MP3A	X	-8.281	5
59	MP3A	Z	14.344	5
60	MP3A	Mx	.004	5
61	MP3B	X	-4.371	3
62	MP3B	Z	7.57	3
63	MP3B	Mx	-.005	3
64	MP3B	X	-4.371	5
65	MP3B	Z	7.57	5
66	MP3B	Mx	-.005	5
67	MP3C	X	-7.602	3
68	MP3C	Z	13.168	3
69	MP3C	Mx	.005	3
70	MP3C	X	-7.602	5
71	MP3C	Z	13.168	5
72	MP3C	Mx	.005	5
73	MP1A	X	-3.525	4
74	MP1A	Z	6.106	4
75	MP1A	Mx	.001	4
76	MP1B	X	-1.439	4
77	MP1B	Z	2.492	4
78	MP1B	Mx	-.001	4
79	MP1C	X	-3.163	4
80	MP1C	Z	5.478	4
81	MP1C	Mx	.002	4
82	OVP1	X	-12.857	1
83	OVP1	Z	22.268	1
84	OVP1	Mx	0	1
85	MP2A	X	-1.752	4
86	MP2A	Z	3.034	4
87	MP2A	Mx	-.000599	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
88	MP2B	X	-1.405	4
89	MP2B	Z	2.433	4
90	MP2B	Mx	.001	4
91	MP2C	X	-1.691	4
92	MP2C	Z	2.93	4
93	MP2C	Mx	-.000846	4
94	MP2A	X	-7.206	1.5
95	MP2A	Z	12.48	1.5
96	MP2A	Mx	-.003	1.5
97	MP2B	X	-5.459	1.5
98	MP2B	Z	9.455	1.5
99	MP2B	Mx	.007	1.5
100	MP2C	X	-6.902	1.5
101	MP2C	Z	11.955	1.5
102	MP2C	Mx	-.005	1.5
103	MP1A	X	-7.104	1.5
104	MP1A	Z	12.305	1.5
105	MP1A	Mx	-.003	1.5
106	MP1B	X	-4.694	1.5
107	MP1B	Z	8.13	1.5
108	MP1B	Mx	.006	1.5
109	MP1C	X	-6.686	1.5
110	MP1C	Z	11.58	1.5
111	MP1C	Mx	-.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-23.526	2
2	MP2A	Z	13.583	2
3	MP2A	Mx	.027	2
4	MP2A	X	-23.526	6
5	MP2A	Z	13.583	6
6	MP2A	Mx	.027	6
7	MP2B	X	-25.126	2
8	MP2B	Z	14.507	2
9	MP2B	Mx	.004	2
10	MP2B	X	-25.126	6
11	MP2B	Z	14.507	6
12	MP2B	Mx	.004	6
13	MP2C	X	-28.934	2
14	MP2C	Z	16.705	2
15	MP2C	Mx	-.025	2
16	MP2C	X	-28.934	6
17	MP2C	Z	16.705	6
18	MP2C	Mx	-.025	6
19	MP2A	X	-23.526	2
20	MP2A	Z	13.583	2
21	MP2A	Mx	.000777	2
22	MP2A	X	-23.526	6
23	MP2A	Z	13.583	6
24	MP2A	Mx	.000777	6
25	MP2B	X	-25.126	2
26	MP2B	Z	14.507	2
27	MP2B	Mx	-.029	2
28	MP2B	X	-25.126	6
29	MP2B	Z	14.507	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
30	MP2B	Mx	-.029	6
31	MP2C	X	-28.934	2
32	MP2C	Z	16.705	2
33	MP2C	Mx	.025	2
34	MP2C	X	-28.934	6
35	MP2C	Z	16.705	6
36	MP2C	Mx	.025	6
37	MP4A	X	-29.772	1
38	MP4A	Z	17.189	1
39	MP4A	Mx	.018	1
40	MP4A	X	-29.772	7
41	MP4A	Z	17.189	7
42	MP4A	Mx	.018	7
43	MP4B	X	-31.714	1
44	MP4B	Z	18.31	1
45	MP4B	Mx	-.016	1
46	MP4B	X	-31.714	7
47	MP4B	Z	18.31	7
48	MP4B	Mx	-.016	7
49	MP4C	X	-36.336	1
50	MP4C	Z	20.978	1
51	MP4C	Mx	0	1
52	MP4C	X	-36.336	7
53	MP4C	Z	20.978	7
54	MP4C	Mx	0	7
55	MP3A	X	-10.189	3
56	MP3A	Z	5.883	3
57	MP3A	Mx	.006	3
58	MP3A	X	-10.189	5
59	MP3A	Z	5.883	5
60	MP3A	Mx	.006	5
61	MP3B	X	-11.725	3
62	MP3B	Z	6.769	3
63	MP3B	Mx	-.006	3
64	MP3B	X	-11.725	5
65	MP3B	Z	6.769	5
66	MP3B	Mx	-.006	5
67	MP3C	X	-15.378	3
68	MP3C	Z	8.879	3
69	MP3C	Mx	0	3
70	MP3C	X	-15.378	5
71	MP3C	Z	8.879	5
72	MP3C	Mx	0	5
73	MP1A	X	-3.89	4
74	MP1A	Z	2.246	4
75	MP1A	Mx	.002	4
76	MP1B	X	-4.709	4
77	MP1B	Z	2.719	4
78	MP1B	Mx	-.002	4
79	MP1C	X	-6.658	4
80	MP1C	Z	3.844	4
81	MP1C	Mx	0	4
82	OVP1	X	-20.814	1
83	OVP1	Z	12.017	1
84	OVP1	Mx	0	1
85	MP2A	X	-2.666	4
86	MP2A	Z	1.539	4





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
87	MP2A	Mx	-.001	4
88	MP2B	X	-2.802	4
89	MP2B	Z	1.618	4
90	MP2B	Mx	.001	4
91	MP2C	X	-3.126	4
92	MP2C	Z	1.805	4
93	MP2C	Mx	0	4
94	MP2A	X	-10.625	1.5
95	MP2A	Z	6.134	1.5
96	MP2A	Mx	-.006	1.5
97	MP2B	X	-11.311	1.5
98	MP2B	Z	6.53	1.5
99	MP2B	Mx	.006	1.5
100	MP2C	X	-12.942	1.5
101	MP2C	Z	7.472	1.5
102	MP2C	Mx	0	1.5
103	MP1A	X	-9.744	1.5
104	MP1A	Z	5.626	1.5
105	MP1A	Mx	-.006	1.5
106	MP1B	X	-10.691	1.5
107	MP1B	Z	6.172	1.5
108	MP1B	Mx	.005	1.5
109	MP1C	X	-12.942	1.5
110	MP1C	Z	7.472	1.5
111	MP1C	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-23.09	2
2	MP2A	Z	0	2
3	MP2A	Mx	.018	2
4	MP2A	X	-23.09	6
5	MP2A	Z	0	6
6	MP2A	Mx	.018	6
7	MP2B	X	-33.089	2
8	MP2B	Z	0	2
9	MP2B	Mx	.021	2
10	MP2B	X	-33.089	6
11	MP2B	Z	0	6
12	MP2B	Mx	.021	6
13	MP2C	X	-30.749	2
14	MP2C	Z	0	2
15	MP2C	Mx	-.03	2
16	MP2C	X	-30.749	6
17	MP2C	Z	0	6
18	MP2C	Mx	-.03	6
19	MP2A	X	-23.09	2
20	MP2A	Z	0	2
21	MP2A	Mx	.012	2
22	MP2A	X	-23.09	6
23	MP2A	Z	0	6
24	MP2A	Mx	.012	6
25	MP2B	X	-33.089	2
26	MP2B	Z	0	2
27	MP2B	Mx	-.028	2
28	MP2B	X	-33.089	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
29	MP2B	Z	0	6
30	MP2B	Mx	-.028	6
31	MP2C	X	-30.749	2
32	MP2C	Z	0	2
33	MP2C	Mx	.01	2
34	MP2C	X	-30.749	6
35	MP2C	Z	0	6
36	MP2C	Mx	.01	6
37	MP4A	X	-29.431	1
38	MP4A	Z	0	1
39	MP4A	Mx	.019	1
40	MP4A	X	-29.431	7
41	MP4A	Z	0	7
42	MP4A	Mx	.019	7
43	MP4B	X	-41.567	1
44	MP4B	Z	0	1
45	MP4B	Mx	-.005	1
46	MP4B	X	-41.567	7
47	MP4B	Z	0	7
48	MP4B	Mx	-.005	7
49	MP4C	X	-38.728	1
50	MP4C	Z	0	1
51	MP4C	Mx	-.013	1
52	MP4C	X	-38.728	7
53	MP4C	Z	0	7
54	MP4C	Mx	-.013	7
55	MP3A	X	-7.855	3
56	MP3A	Z	0	3
57	MP3A	Mx	.005	3
58	MP3A	X	-7.855	5
59	MP3A	Z	0	5
60	MP3A	Mx	.005	5
61	MP3B	X	-17.449	3
62	MP3B	Z	0	3
63	MP3B	Mx	-.002	3
64	MP3B	X	-17.449	5
65	MP3B	Z	0	5
66	MP3B	Mx	-.002	5
67	MP3C	X	-15.205	3
68	MP3C	Z	0	3
69	MP3C	Mx	-.005	3
70	MP3C	X	-15.205	5
71	MP3C	Z	0	5
72	MP3C	Mx	-.005	5
73	MP1A	X	-2.405	4
74	MP1A	Z	0	4
75	MP1A	Mx	.001	4
76	MP1B	X	-7.523	4
77	MP1B	Z	0	4
78	MP1B	Mx	-.000653	4
79	MP1C	X	-6.326	4
80	MP1C	Z	0	4
81	MP1C	Mx	-.002	4
82	OVP1	X	-25.713	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1
85	MP2A	X	-2.731	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
86	MP2A	Z	0	4
87	MP2A	Mx	-.001	4
88	MP2B	X	-3.582	4
89	MP2B	Z	0	4
90	MP2B	Mx	.000311	4
91	MP2C	X	-3.383	4
92	MP2C	Z	0	4
93	MP2C	Mx	.000846	4
94	MP2A	X	-10.522	1.5
95	MP2A	Z	0	1.5
96	MP2A	Mx	-.007	1.5
97	MP2B	X	-14.807	1.5
98	MP2B	Z	0	1.5
99	MP2B	Mx	.002	1.5
100	MP2C	X	-13.804	1.5
101	MP2C	Z	0	1.5
102	MP2C	Mx	.005	1.5
103	MP1A	X	-8.842	1.5
104	MP1A	Z	0	1.5
105	MP1A	Mx	-.006	1.5
106	MP1B	X	-14.755	1.5
107	MP1B	Z	0	1.5
108	MP1B	Mx	.002	1.5
109	MP1C	X	-13.371	1.5
110	MP1C	Z	0	1.5
111	MP1C	Mx	.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	-20.796	2
2	MP2A	Z	-12.007	2
3	MP2A	Mx	.009	2
4	MP2A	X	-20.796	6
5	MP2A	Z	-12.007	6
6	MP2A	Mx	.009	6
7	MP2B	X	-27.856	2
8	MP2B	Z	-16.082	2
9	MP2B	Mx	.03	2
10	MP2B	X	-27.856	6
11	MP2B	Z	-16.082	6
12	MP2B	Mx	.03	6
13	MP2C	X	-22.022	2
14	MP2C	Z	-12.715	2
15	MP2C	Mx	-.024	2
16	MP2C	X	-22.022	6
17	MP2C	Z	-12.715	6
18	MP2C	Mx	-.024	6
19	MP2A	X	-20.796	2
20	MP2A	Z	-12.007	2
21	MP2A	Mx	.021	2
22	MP2A	X	-20.796	6
23	MP2A	Z	-12.007	6
24	MP2A	Mx	.021	6
25	MP2B	X	-27.856	2
26	MP2B	Z	-16.082	2
27	MP2B	Mx	-.015	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
28	MP2B	X	-27.856	6
29	MP2B	Z	-16.082	6
30	MP2B	Mx	-.015	6
31	MP2C	X	-22.022	2
32	MP2C	Z	-12.715	2
33	MP2C	Mx	-.005	2
34	MP2C	X	-22.022	6
35	MP2C	Z	-12.715	6
36	MP2C	Mx	-.005	6
37	MP4A	X	-26.459	1
38	MP4A	Z	-15.276	1
39	MP4A	Mx	.019	1
40	MP4A	X	-26.459	7
41	MP4A	Z	-15.276	7
42	MP4A	Mx	.019	7
43	MP4B	X	-35.027	1
44	MP4B	Z	-20.223	1
45	MP4B	Mx	.009	1
46	MP4B	X	-35.027	7
47	MP4B	Z	-20.223	7
48	MP4B	Mx	.009	7
49	MP4C	X	-27.947	1
50	MP4C	Z	-16.135	1
51	MP4C	Mx	-.019	1
52	MP4C	X	-27.947	7
53	MP4C	Z	-16.135	7
54	MP4C	Mx	-.019	7
55	MP3A	X	-7.57	3
56	MP3A	Z	-4.371	3
57	MP3A	Mx	.005	3
58	MP3A	X	-7.57	5
59	MP3A	Z	-4.371	5
60	MP3A	Mx	.005	5
61	MP3B	X	-14.344	3
62	MP3B	Z	-8.281	3
63	MP3B	Mx	.004	3
64	MP3B	X	-14.344	5
65	MP3B	Z	-8.281	5
66	MP3B	Mx	.004	5
67	MP3C	X	-8.747	3
68	MP3C	Z	-5.05	3
69	MP3C	Mx	-.006	3
70	MP3C	X	-8.747	5
71	MP3C	Z	-5.05	5
72	MP3C	Mx	-.006	5
73	MP1A	X	-2.492	4
74	MP1A	Z	-1.439	4
75	MP1A	Mx	.001	4
76	MP1B	X	-6.106	4
77	MP1B	Z	-3.525	4
78	MP1B	Mx	.001	4
79	MP1C	X	-3.12	4
80	MP1C	Z	-1.801	4
81	MP1C	Mx	-.002	4
82	OVP1	X	-25.177	1
83	OVP1	Z	-14.536	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP2A	X	-2.433	4
86	MP2A	Z	-1.405	4
87	MP2A	Mx	-.001	4
88	MP2B	X	-3.034	4
89	MP2B	Z	-1.752	4
90	MP2B	Mx	-.000599	4
91	MP2C	X	-2.538	4
92	MP2C	Z	-1.465	4
93	MP2C	Mx	.001	4
94	MP2A	X	-9.455	1.5
95	MP2A	Z	-5.459	1.5
96	MP2A	Mx	-.007	1.5
97	MP2B	X	-12.48	1.5
98	MP2B	Z	-7.206	1.5
99	MP2B	Mx	-.003	1.5
100	MP2C	X	-9.981	1.5
101	MP2C	Z	-5.762	1.5
102	MP2C	Mx	.007	1.5
103	MP1A	X	-8.13	1.5
104	MP1A	Z	-4.694	1.5
105	MP1A	Mx	-.006	1.5
106	MP1B	X	-12.305	1.5
107	MP1B	Z	-7.104	1.5
108	MP1B	Mx	-.003	1.5
109	MP1C	X	-8.855	1.5
110	MP1C	Z	-5.113	1.5
111	MP1C	Mx	.006	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-14.507	2
2	MP2A	Z	-25.126	2
3	MP2A	Mx	-.004	2
4	MP2A	X	-14.507	6
5	MP2A	Z	-25.126	6
6	MP2A	Mx	-.004	6
7	MP2B	X	-13.583	2
8	MP2B	Z	-23.526	2
9	MP2B	Mx	.027	2
10	MP2B	X	-13.583	6
11	MP2B	Z	-23.526	6
12	MP2B	Mx	.027	6
13	MP2C	X	-11.384	2
14	MP2C	Z	-19.718	2
15	MP2C	Mx	-.015	2
16	MP2C	X	-11.384	6
17	MP2C	Z	-19.718	6
18	MP2C	Mx	-.015	6
19	MP2A	X	-14.507	2
20	MP2A	Z	-25.126	2
21	MP2A	Mx	.029	2
22	MP2A	X	-14.507	6
23	MP2A	Z	-25.126	6
24	MP2A	Mx	.029	6
25	MP2B	X	-13.583	2
26	MP2B	Z	-23.526	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
27	MP2B	Mx	.000777	2
28	MP2B	X	-13.583	6
29	MP2B	Z	-23.526	6
30	MP2B	Mx	.000777	6
31	MP2C	X	-11.384	2
32	MP2C	Z	-19.718	2
33	MP2C	Mx	-.015	2
34	MP2C	X	-11.384	6
35	MP2C	Z	-19.718	6
36	MP2C	Mx	-.015	6
37	MP4A	X	-18.31	1
38	MP4A	Z	-31.714	1
39	MP4A	Mx	.016	1
40	MP4A	X	-18.31	7
41	MP4A	Z	-31.714	7
42	MP4A	Mx	.016	7
43	MP4B	X	-17.189	1
44	MP4B	Z	-29.772	1
45	MP4B	Mx	.018	1
46	MP4B	X	-17.189	7
47	MP4B	Z	-29.772	7
48	MP4B	Mx	.018	7
49	MP4C	X	-14.521	1
50	MP4C	Z	-25.151	1
51	MP4C	Mx	-.019	1
52	MP4C	X	-14.521	7
53	MP4C	Z	-25.151	7
54	MP4C	Mx	-.019	7
55	MP3A	X	-6.769	3
56	MP3A	Z	-11.725	3
57	MP3A	Mx	.006	3
58	MP3A	X	-6.769	5
59	MP3A	Z	-11.725	5
60	MP3A	Mx	.006	5
61	MP3B	X	-5.883	3
62	MP3B	Z	-10.189	3
63	MP3B	Mx	.006	3
64	MP3B	X	-5.883	5
65	MP3B	Z	-10.189	5
66	MP3B	Mx	.006	5
67	MP3C	X	-3.774	3
68	MP3C	Z	-6.536	3
69	MP3C	Mx	-.005	3
70	MP3C	X	-3.774	5
71	MP3C	Z	-6.536	5
72	MP3C	Mx	-.005	5
73	MP1A	X	-2.719	4
74	MP1A	Z	-4.709	4
75	MP1A	Mx	.002	4
76	MP1B	X	-2.246	4
77	MP1B	Z	-3.89	4
78	MP1B	Mx	.002	4
79	MP1C	X	-1.12	4
80	MP1C	Z	-1.94	4
81	MP1C	Mx	-.001	4
82	OVP1	X	-15.376	1
83	OVP1	Z	-26.632	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
84	OVP1	Mx	0	1
85	MP2A	X	-1.618	4
86	MP2A	Z	-2.802	4
87	MP2A	Mx	-.001	4
88	MP2B	X	-1.539	4
89	MP2B	Z	-2.666	4
90	MP2B	Mx	-.001	4
91	MP2C	X	-1.352	4
92	MP2C	Z	-2.342	4
93	MP2C	Mx	.001	4
94	MP2A	X	-6.53	1.5
95	MP2A	Z	-11.311	1.5
96	MP2A	Mx	-.006	1.5
97	MP2B	X	-6.134	1.5
98	MP2B	Z	-10.625	1.5
99	MP2B	Mx	-.006	1.5
100	MP2C	X	-5.192	1.5
101	MP2C	Z	-8.993	1.5
102	MP2C	Mx	.007	1.5
103	MP1A	X	-6.172	1.5
104	MP1A	Z	-10.691	1.5
105	MP1A	Mx	-.005	1.5
106	MP1B	X	-5.626	1.5
107	MP1B	Z	-9.744	1.5
108	MP1B	Mx	-.006	1.5
109	MP1C	X	-4.326	1.5
110	MP1C	Z	-7.493	1.5
111	MP1C	Mx	.006	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	2
2	MP2A	Z	-10.888	2
3	MP2A	Mx	-.007	2
4	MP2A	X	0	6
5	MP2A	Z	-10.888	6
6	MP2A	Mx	-.007	6
7	MP2B	X	0	2
8	MP2B	Z	-7.34	2
9	MP2B	Mx	.006	2
10	MP2B	X	0	6
11	MP2B	Z	-7.34	6
12	MP2B	Mx	.006	6
13	MP2C	X	0	2
14	MP2C	Z	-8.17	2
15	MP2C	Mx	-.002	2
16	MP2C	X	0	6
17	MP2C	Z	-8.17	6
18	MP2C	Mx	-.002	6
19	MP2A	X	0	2
20	MP2A	Z	-10.888	2
21	MP2A	Mx	.009	2
22	MP2A	X	0	6
23	MP2A	Z	-10.888	6
24	MP2A	Mx	.009	6
25	MP2B	X	0	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP2B	Z	-7.34	2
27	MP2B	Mx	.004	2
28	MP2B	X	0	6
29	MP2B	Z	-7.34	6
30	MP2B	Mx	.004	6
31	MP2C	X	0	2
32	MP2C	Z	-8.17	2
33	MP2C	Mx	-.008	2
34	MP2C	X	0	6
35	MP2C	Z	-8.17	6
36	MP2C	Mx	-.008	6
37	MP4A	X	0	1
38	MP4A	Z	-13.702	1
39	MP4A	Mx	.002	1
40	MP4A	X	0	7
41	MP4A	Z	-13.702	7
42	MP4A	Mx	.002	7
43	MP4B	X	0	1
44	MP4B	Z	-9.419	1
45	MP4B	Mx	.006	1
46	MP4B	X	0	7
47	MP4B	Z	-9.419	7
48	MP4B	Mx	.006	7
49	MP4C	X	0	1
50	MP4C	Z	-10.421	1
51	MP4C	Mx	-.006	1
52	MP4C	X	0	7
53	MP4C	Z	-10.421	7
54	MP4C	Mx	-.006	7
55	MP3A	X	0	3
56	MP3A	Z	-5.572	3
57	MP3A	Mx	.000645	3
58	MP3A	X	0	5
59	MP3A	Z	-5.572	5
60	MP3A	Mx	.000645	5
61	MP3B	X	0	3
62	MP3B	Z	-2.326	3
63	MP3B	Mx	.002	3
64	MP3B	X	0	5
65	MP3B	Z	-2.326	5
66	MP3B	Mx	.002	5
67	MP3C	X	0	3
68	MP3C	Z	-3.086	3
69	MP3C	Mx	-.002	3
70	MP3C	X	0	5
71	MP3C	Z	-3.086	5
72	MP3C	Mx	-.002	5
73	MP1A	X	0	4
74	MP1A	Z	-2.097	4
75	MP1A	Mx	.000182	4
76	MP1B	X	0	4
77	MP1B	Z	-.474	4
78	MP1B	Mx	.000233	4
79	MP1C	X	0	4
80	MP1C	Z	-.854	4
81	MP1C	Mx	-.00037	4
82	OVP1	X	0	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
83	OVP1	Z	-9.225	1
84	OVP1	Mx	0	1
85	MP2A	X	0	4
86	MP2A	Z	-.885	4
87	MP2A	Mx	-7.7e-5	4
88	MP2B	X	0	4
89	MP2B	Z	-.627	4
90	MP2B	Mx	-.000309	4
91	MP2C	X	0	4
92	MP2C	Z	-.687	4
93	MP2C	Mx	.000297	4
94	MP2A	X	0	1.5
95	MP2A	Z	-4.471	1.5
96	MP2A	Mx	-.000518	1.5
97	MP2B	X	0	1.5
98	MP2B	Z	-3.064	1.5
99	MP2B	Mx	-.002	1.5
100	MP2C	X	0	1.5
101	MP2C	Z	-3.393	1.5
102	MP2C	Mx	.002	1.5
103	MP1A	X	0	1.5
104	MP1A	Z	-4.454	1.5
105	MP1A	Mx	-.000516	1.5
106	MP1B	X	0	1.5
107	MP1B	Z	-2.508	1.5
108	MP1B	Mx	-.002	1.5
109	MP1C	X	0	1.5
110	MP1C	Z	-2.963	1.5
111	MP1C	Mx	.002	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	5.28	2
2	MP2A	Z	-9.145	2
3	MP2A	Mx	-.01	2
4	MP2A	X	5.28	6
5	MP2A	Z	-9.145	6
6	MP2A	Mx	-.01	6
7	MP2B	X	3.834	2
8	MP2B	Z	-6.64	2
9	MP2B	Mx	.003	2
10	MP2B	X	3.834	6
11	MP2B	Z	-6.64	6
12	MP2B	Mx	.003	6
13	MP2C	X	5.029	2
14	MP2C	Z	-8.71	2
15	MP2C	Mx	.003	2
16	MP2C	X	5.029	6
17	MP2C	Z	-8.71	6
18	MP2C	Mx	.003	6
19	MP2A	X	5.28	2
20	MP2A	Z	-9.145	2
21	MP2A	Mx	.005	2
22	MP2A	X	5.28	6
23	MP2A	Z	-9.145	6
24	MP2A	Mx	.005	6



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 Model Name : Mount Analysis

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
25	MP2B	X	3.834	2
26	MP2B	Z	-6.64	2
27	MP2B	Mx	.007	2
28	MP2B	X	3.834	6
29	MP2B	Z	-6.64	6
30	MP2B	Mx	.007	6
31	MP2C	X	5.029	2
32	MP2C	Z	-8.71	2
33	MP2C	Mx	-.01	2
34	MP2C	X	5.029	6
35	MP2C	Z	-8.71	6
36	MP2C	Mx	-.01	6
37	MP4A	X	6.653	1
38	MP4A	Z	-11.524	1
39	MP4A	Mx	-.003	1
40	MP4A	X	6.653	7
41	MP4A	Z	-11.524	7
42	MP4A	Mx	-.003	7
43	MP4B	X	4.908	1
44	MP4B	Z	-8.5	1
45	MP4B	Mx	.006	1
46	MP4B	X	4.908	7
47	MP4B	Z	-8.5	7
48	MP4B	Mx	.006	7
49	MP4C	X	6.35	1
50	MP4C	Z	-10.999	1
51	MP4C	Mx	-.004	1
52	MP4C	X	6.35	7
53	MP4C	Z	-10.999	7
54	MP4C	Mx	-.004	7
55	MP3A	X	2.636	3
56	MP3A	Z	-4.566	3
57	MP3A	Mx	-.001	3
58	MP3A	X	2.636	5
59	MP3A	Z	-4.566	5
60	MP3A	Mx	-.001	5
61	MP3B	X	1.313	3
62	MP3B	Z	-2.274	3
63	MP3B	Mx	.002	3
64	MP3B	X	1.313	5
65	MP3B	Z	-2.274	5
66	MP3B	Mx	.002	5
67	MP3C	X	2.406	3
68	MP3C	Z	-4.168	3
69	MP3C	Mx	-.002	3
70	MP3C	X	2.406	5
71	MP3C	Z	-4.168	5
72	MP3C	Mx	-.002	5
73	MP1A	X	.974	4
74	MP1A	Z	-1.687	4
75	MP1A	Mx	-.000333	4
76	MP1B	X	.312	4
77	MP1B	Z	-.54	4
78	MP1B	Mx	.000293	4
79	MP1C	X	.859	4
80	MP1C	Z	-1.487	4
81	MP1C	Mx	-.000429	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
82	OVP1	X	4.031	1
83	OVP1	Z	-6.982	1
84	OVP1	Mx	0	1
85	MP2A	X	.431	4
86	MP2A	Z	-.746	4
87	MP2A	Mx	.000147	4
88	MP2B	X	.325	4
89	MP2B	Z	-.563	4
90	MP2B	Mx	-.000305	4
91	MP2C	X	.412	4
92	MP2C	Z	-.714	4
93	MP2C	Mx	.000206	4
94	MP2A	X	2.171	1.5
95	MP2A	Z	-3.76	1.5
96	MP2A	Mx	.00099	1.5
97	MP2B	X	1.597	1.5
98	MP2B	Z	-2.766	1.5
99	MP2B	Mx	-.002	1.5
100	MP2C	X	2.071	1.5
101	MP2C	Z	-3.587	1.5
102	MP2C	Mx	.001	1.5
103	MP1A	X	2.137	1.5
104	MP1A	Z	-3.702	1.5
105	MP1A	Mx	.000974	1.5
106	MP1B	X	1.344	1.5
107	MP1B	Z	-2.328	1.5
108	MP1B	Mx	-.002	1.5
109	MP1C	X	1.999	1.5
110	MP1C	Z	-3.463	1.5
111	MP1C	Mx	.001	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	7.609	2
2	MP2A	Z	-4.393	2
3	MP2A	Mx	-.009	2
4	MP2A	X	7.609	6
5	MP2A	Z	-4.393	6
6	MP2A	Mx	-.009	6
7	MP2B	X	8.177	2
8	MP2B	Z	-4.721	2
9	MP2B	Mx	-.001	2
10	MP2B	X	8.177	6
11	MP2B	Z	-4.721	6
12	MP2B	Mx	-.001	6
13	MP2C	X	9.528	2
14	MP2C	Z	-5.501	2
15	MP2C	Mx	.008	2
16	MP2C	X	9.528	6
17	MP2C	Z	-5.501	6
18	MP2C	Mx	.008	6
19	MP2A	X	7.609	2
20	MP2A	Z	-4.393	2
21	MP2A	Mx	-.000251	2
22	MP2A	X	7.609	6
23	MP2A	Z	-4.393	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
24	MP2A	Mx	-0.00251	6
25	MP2B	X	8.177	2
26	MP2B	Z	-4.721	2
27	MP2B	Mx	.009	2
28	MP2B	X	8.177	6
29	MP2B	Z	-4.721	6
30	MP2B	Mx	.009	6
31	MP2C	X	9.528	2
32	MP2C	Z	-5.501	2
33	MP2C	Mx	-.008	2
34	MP2C	X	9.528	6
35	MP2C	Z	-5.501	6
36	MP2C	Mx	-.008	6
37	MP4A	X	9.669	1
38	MP4A	Z	-5.583	1
39	MP4A	Mx	-.006	1
40	MP4A	X	9.669	7
41	MP4A	Z	-5.583	7
42	MP4A	Mx	-.006	7
43	MP4B	X	10.355	1
44	MP4B	Z	-5.978	1
45	MP4B	Mx	.005	1
46	MP4B	X	10.355	7
47	MP4B	Z	-5.978	7
48	MP4B	Mx	.005	7
49	MP4C	X	11.985	1
50	MP4C	Z	-6.92	1
51	MP4C	Mx	0	1
52	MP4C	X	11.985	7
53	MP4C	Z	-6.92	7
54	MP4C	Mx	0	7
55	MP3A	X	3.16	3
56	MP3A	Z	-1.825	3
57	MP3A	Mx	-.002	3
58	MP3A	X	3.16	5
59	MP3A	Z	-1.825	5
60	MP3A	Mx	-.002	5
61	MP3B	X	3.68	3
62	MP3B	Z	-2.124	3
63	MP3B	Mx	.002	3
64	MP3B	X	3.68	5
65	MP3B	Z	-2.124	5
66	MP3B	Mx	.002	5
67	MP3C	X	4.915	3
68	MP3C	Z	-2.838	3
69	MP3C	Mx	0	3
70	MP3C	X	4.915	5
71	MP3C	Z	-2.838	5
72	MP3C	Mx	0	5
73	MP1A	X	.983	4
74	MP1A	Z	-.568	4
75	MP1A	Mx	-.000435	4
76	MP1B	X	1.243	4
77	MP1B	Z	-.718	4
78	MP1B	Mx	.000461	4
79	MP1C	X	1.862	4
80	MP1C	Z	-1.075	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
81	MP1C	Mx	0	4
82	OVP1	X	6.479	1
83	OVP1	Z	-3.741	1
84	OVP1	Mx	0	1
85	MP2A	X	.634	4
86	MP2A	Z	-.366	4
87	MP2A	Mx	.00028	4
88	MP2B	X	.675	4
89	MP2B	Z	-.39	4
90	MP2B	Mx	-.000251	4
91	MP2C	X	.774	4
92	MP2C	Z	-.447	4
93	MP2C	Mx	0	4
94	MP2A	X	3.15	1.5
95	MP2A	Z	-1.819	1.5
96	MP2A	Mx	.002	1.5
97	MP2B	X	3.376	1.5
98	MP2B	Z	-1.949	1.5
99	MP2B	Mx	-.002	1.5
100	MP2C	X	3.911	1.5
101	MP2C	Z	-2.258	1.5
102	MP2C	Mx	0	1.5
103	MP1A	X	2.859	1.5
104	MP1A	Z	-1.651	1.5
105	MP1A	Mx	.002	1.5
106	MP1B	X	3.17	1.5
107	MP1B	Z	-1.83	1.5
108	MP1B	Mx	-.002	1.5
109	MP1C	X	3.911	1.5
110	MP1C	Z	-2.258	1.5
111	MP1C	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	7.34	2
2	MP2A	Z	0	2
3	MP2A	Mx	-.006	2
4	MP2A	X	7.34	6
5	MP2A	Z	0	6
6	MP2A	Mx	-.006	6
7	MP2B	X	10.888	2
8	MP2B	Z	0	2
9	MP2B	Mx	-.007	2
10	MP2B	X	10.888	6
11	MP2B	Z	0	6
12	MP2B	Mx	-.007	6
13	MP2C	X	10.058	2
14	MP2C	Z	0	2
15	MP2C	Mx	.01	2
16	MP2C	X	10.058	6
17	MP2C	Z	0	6
18	MP2C	Mx	.01	6
19	MP2A	X	7.34	2
20	MP2A	Z	0	2
21	MP2A	Mx	-.004	2
22	MP2A	X	7.34	6



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
23	MP2A	Z	0	6
24	MP2A	Mx	-.004	6
25	MP2B	X	10.888	2
26	MP2B	Z	0	2
27	MP2B	Mx	.009	2
28	MP2B	X	10.888	6
29	MP2B	Z	0	6
30	MP2B	Mx	.009	6
31	MP2C	X	10.058	2
32	MP2C	Z	0	2
33	MP2C	Mx	-.003	2
34	MP2C	X	10.058	6
35	MP2C	Z	0	6
36	MP2C	Mx	-.003	6
37	MP4A	X	9.419	1
38	MP4A	Z	0	1
39	MP4A	Mx	-.006	1
40	MP4A	X	9.419	7
41	MP4A	Z	0	7
42	MP4A	Mx	-.006	7
43	MP4B	X	13.702	1
44	MP4B	Z	0	1
45	MP4B	Mx	.002	1
46	MP4B	X	13.702	7
47	MP4B	Z	0	7
48	MP4B	Mx	.002	7
49	MP4C	X	12.7	1
50	MP4C	Z	0	1
51	MP4C	Mx	.004	1
52	MP4C	X	12.7	7
53	MP4C	Z	0	7
54	MP4C	Mx	.004	7
55	MP3A	X	2.326	3
56	MP3A	Z	0	3
57	MP3A	Mx	-.002	3
58	MP3A	X	2.326	5
59	MP3A	Z	0	5
60	MP3A	Mx	-.002	5
61	MP3B	X	5.572	3
62	MP3B	Z	0	3
63	MP3B	Mx	.000645	3
64	MP3B	X	5.572	5
65	MP3B	Z	0	5
66	MP3B	Mx	.000645	5
67	MP3C	X	4.812	3
68	MP3C	Z	0	3
69	MP3C	Mx	.002	3
70	MP3C	X	4.812	5
71	MP3C	Z	0	5
72	MP3C	Mx	.002	5
73	MP1A	X	.474	4
74	MP1A	Z	0	4
75	MP1A	Mx	-.000233	4
76	MP1B	X	2.097	4
77	MP1B	Z	0	4
78	MP1B	Mx	.000182	4
79	MP1C	X	1.718	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
80	MP1C	Z	0	4
81	MP1C	Mx	.00043	4
82	OVP1	X	8.062	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1
85	MP2A	X	.627	4
86	MP2A	Z	0	4
87	MP2A	Mx	.000309	4
88	MP2B	X	.885	4
89	MP2B	Z	0	4
90	MP2B	Mx	-7.7e-5	4
91	MP2C	X	.825	4
92	MP2C	Z	0	4
93	MP2C	Mx	-.000206	4
94	MP2A	X	3.064	1.5
95	MP2A	Z	0	1.5
96	MP2A	Mx	.002	1.5
97	MP2B	X	4.471	1.5
98	MP2B	Z	0	1.5
99	MP2B	Mx	-.000518	1.5
100	MP2C	X	4.142	1.5
101	MP2C	Z	0	1.5
102	MP2C	Mx	-.001	1.5
103	MP1A	X	2.508	1.5
104	MP1A	Z	0	1.5
105	MP1A	Mx	.002	1.5
106	MP1B	X	4.454	1.5
107	MP1B	Z	0	1.5
108	MP1B	Mx	-.000516	1.5
109	MP1C	X	3.999	1.5
110	MP1C	Z	0	1.5
111	MP1C	Mx	-.001	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	6.64	2
2	MP2A	Z	3.834	2
3	MP2A	Mx	-.003	2
4	MP2A	X	6.64	6
5	MP2A	Z	3.834	6
6	MP2A	Mx	-.003	6
7	MP2B	X	9.145	2
8	MP2B	Z	5.28	2
9	MP2B	Mx	-.01	2
10	MP2B	X	9.145	6
11	MP2B	Z	5.28	6
12	MP2B	Mx	-.01	6
13	MP2C	X	7.075	2
14	MP2C	Z	4.085	2
15	MP2C	Mx	.008	2
16	MP2C	X	7.075	6
17	MP2C	Z	4.085	6
18	MP2C	Mx	.008	6
19	MP2A	X	6.64	2
20	MP2A	Z	3.834	2
21	MP2A	Mx	-.007	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
22	MP2A	X	6.64	6
23	MP2A	Z	3.834	6
24	MP2A	Mx	-.007	6
25	MP2B	X	9.145	2
26	MP2B	Z	5.28	2
27	MP2B	Mx	.005	2
28	MP2B	X	9.145	6
29	MP2B	Z	5.28	6
30	MP2B	Mx	.005	6
31	MP2C	X	7.075	2
32	MP2C	Z	4.085	2
33	MP2C	Mx	.002	2
34	MP2C	X	7.075	6
35	MP2C	Z	4.085	6
36	MP2C	Mx	.002	6
37	MP4A	X	8.5	1
38	MP4A	Z	4.908	1
39	MP4A	Mx	-.006	1
40	MP4A	X	8.5	7
41	MP4A	Z	4.908	7
42	MP4A	Mx	-.006	7
43	MP4B	X	11.524	1
44	MP4B	Z	6.653	1
45	MP4B	Mx	-.003	1
46	MP4B	X	11.524	7
47	MP4B	Z	6.653	7
48	MP4B	Mx	-.003	7
49	MP4C	X	9.025	1
50	MP4C	Z	5.211	1
51	MP4C	Mx	.006	1
52	MP4C	X	9.025	7
53	MP4C	Z	5.211	7
54	MP4C	Mx	.006	7
55	MP3A	X	2.274	3
56	MP3A	Z	1.313	3
57	MP3A	Mx	-.002	3
58	MP3A	X	2.274	5
59	MP3A	Z	1.313	5
60	MP3A	Mx	-.002	5
61	MP3B	X	4.566	3
62	MP3B	Z	2.636	3
63	MP3B	Mx	-.001	3
64	MP3B	X	4.566	5
65	MP3B	Z	2.636	5
66	MP3B	Mx	-.001	5
67	MP3C	X	2.672	3
68	MP3C	Z	1.543	3
69	MP3C	Mx	.002	3
70	MP3C	X	2.672	5
71	MP3C	Z	1.543	5
72	MP3C	Mx	.002	5
73	MP1A	X	.54	4
74	MP1A	Z	.312	4
75	MP1A	Mx	-.000293	4
76	MP1B	X	1.687	4
77	MP1B	Z	.974	4
78	MP1B	Mx	-.000333	4





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
79	MP1C	X	.739	4
80	MP1C	Z	.427	4
81	MP1C	Mx	.00037	4
82	OVP1	X	7.989	1
83	OVP1	Z	4.612	1
84	OVP1	Mx	0	1
85	MP2A	X	.563	4
86	MP2A	Z	.325	4
87	MP2A	Mx	.000305	4
88	MP2B	X	.746	4
89	MP2B	Z	.431	4
90	MP2B	Mx	.000147	4
91	MP2C	X	.595	4
92	MP2C	Z	.344	4
93	MP2C	Mx	-.000298	4
94	MP2A	X	2.766	1.5
95	MP2A	Z	1.597	1.5
96	MP2A	Mx	.002	1.5
97	MP2B	X	3.76	1.5
98	MP2B	Z	2.171	1.5
99	MP2B	Mx	.00099	1.5
100	MP2C	X	2.939	1.5
101	MP2C	Z	1.697	1.5
102	MP2C	Mx	-.002	1.5
103	MP1A	X	2.328	1.5
104	MP1A	Z	1.344	1.5
105	MP1A	Mx	.002	1.5
106	MP1B	X	3.702	1.5
107	MP1B	Z	2.137	1.5
108	MP1B	Mx	.000974	1.5
109	MP1C	X	2.566	1.5
110	MP1C	Z	1.482	1.5
111	MP1C	Mx	-.002	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	4.721	2
2	MP2A	Z	8.177	2
3	MP2A	Mx	.001	2
4	MP2A	X	4.721	6
5	MP2A	Z	8.177	6
6	MP2A	Mx	.001	6
7	MP2B	X	4.393	2
8	MP2B	Z	7.609	2
9	MP2B	Mx	-.009	2
10	MP2B	X	4.393	6
11	MP2B	Z	7.609	6
12	MP2B	Mx	-.009	6
13	MP2C	X	3.613	2
14	MP2C	Z	6.258	2
15	MP2C	Mx	.005	2
16	MP2C	X	3.613	6
17	MP2C	Z	6.258	6
18	MP2C	Mx	.005	6
19	MP2A	X	4.721	2
20	MP2A	Z	8.177	2



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
21	MP2A	Mx	-0.009	2
22	MP2A	X	4.721	6
23	MP2A	Z	8.177	6
24	MP2A	Mx	-0.009	6
25	MP2B	X	4.393	2
26	MP2B	Z	7.609	2
27	MP2B	Mx	-0.000251	2
28	MP2B	X	4.393	6
29	MP2B	Z	7.609	6
30	MP2B	Mx	-0.000251	6
31	MP2C	X	3.613	2
32	MP2C	Z	6.258	2
33	MP2C	Mx	.005	2
34	MP2C	X	3.613	6
35	MP2C	Z	6.258	6
36	MP2C	Mx	.005	6
37	MP4A	X	5.978	1
38	MP4A	Z	10.355	1
39	MP4A	Mx	-0.005	1
40	MP4A	X	5.978	7
41	MP4A	Z	10.355	7
42	MP4A	Mx	-0.005	7
43	MP4B	X	5.583	1
44	MP4B	Z	9.669	1
45	MP4B	Mx	-0.006	1
46	MP4B	X	5.583	7
47	MP4B	Z	9.669	7
48	MP4B	Mx	-0.006	7
49	MP4C	X	4.641	1
50	MP4C	Z	8.038	1
51	MP4C	Mx	.006	1
52	MP4C	X	4.641	7
53	MP4C	Z	8.038	7
54	MP4C	Mx	.006	7
55	MP3A	X	2.124	3
56	MP3A	Z	3.68	3
57	MP3A	Mx	-0.002	3
58	MP3A	X	2.124	5
59	MP3A	Z	3.68	5
60	MP3A	Mx	-0.002	5
61	MP3B	X	1.825	3
62	MP3B	Z	3.16	3
63	MP3B	Mx	-0.002	3
64	MP3B	X	1.825	5
65	MP3B	Z	3.16	5
66	MP3B	Mx	-0.002	5
67	MP3C	X	1.111	3
68	MP3C	Z	1.924	3
69	MP3C	Mx	.001	3
70	MP3C	X	1.111	5
71	MP3C	Z	1.924	5
72	MP3C	Mx	.001	5
73	MP1A	X	.718	4
74	MP1A	Z	1.243	4
75	MP1A	Mx	-0.000461	4
76	MP1B	X	.568	4
77	MP1B	Z	.983	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
78	MP1B	Mx	-.000435	4
79	MP1C	X	.211	4
80	MP1C	Z	.365	4
81	MP1C	Mx	.000211	4
82	OVP1	X	4.903	1
83	OVP1	Z	8.492	1
84	OVP1	Mx	0	1
85	MP2A	X	.39	4
86	MP2A	Z	.675	4
87	MP2A	Mx	.000251	4
88	MP2B	X	.366	4
89	MP2B	Z	.634	4
90	MP2B	Mx	.00028	4
91	MP2C	X	.309	4
92	MP2C	Z	.535	4
93	MP2C	Mx	-.000309	4
94	MP2A	X	1.949	1.5
95	MP2A	Z	3.376	1.5
96	MP2A	Mx	.002	1.5
97	MP2B	X	1.819	1.5
98	MP2B	Z	3.15	1.5
99	MP2B	Mx	.002	1.5
100	MP2C	X	1.51	1.5
101	MP2C	Z	2.615	1.5
102	MP2C	Mx	-.002	1.5
103	MP1A	X	1.83	1.5
104	MP1A	Z	3.17	1.5
105	MP1A	Mx	.002	1.5
106	MP1B	X	1.651	1.5
107	MP1B	Z	2.859	1.5
108	MP1B	Mx	.002	1.5
109	MP1C	X	1.223	1.5
110	MP1C	Z	2.118	1.5
111	MP1C	Mx	-.002	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	2
2	MP2A	Z	10.888	2
3	MP2A	Mx	.007	2
4	MP2A	X	0	6
5	MP2A	Z	10.888	6
6	MP2A	Mx	.007	6
7	MP2B	X	0	2
8	MP2B	Z	7.34	2
9	MP2B	Mx	-.006	2
10	MP2B	X	0	6
11	MP2B	Z	7.34	6
12	MP2B	Mx	-.006	6
13	MP2C	X	0	2
14	MP2C	Z	8.17	2
15	MP2C	Mx	.002	2
16	MP2C	X	0	6
17	MP2C	Z	8.17	6
18	MP2C	Mx	.002	6
19	MP2A	X	0	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
20	MP2A	Z	10.888	2
21	MP2A	Mx	-.009	2
22	MP2A	X	0	6
23	MP2A	Z	10.888	6
24	MP2A	Mx	-.009	6
25	MP2B	X	0	2
26	MP2B	Z	7.34	2
27	MP2B	Mx	-.004	2
28	MP2B	X	0	6
29	MP2B	Z	7.34	6
30	MP2B	Mx	-.004	6
31	MP2C	X	0	2
32	MP2C	Z	8.17	2
33	MP2C	Mx	.008	2
34	MP2C	X	0	6
35	MP2C	Z	8.17	6
36	MP2C	Mx	.008	6
37	MP4A	X	0	1
38	MP4A	Z	13.702	1
39	MP4A	Mx	-.002	1
40	MP4A	X	0	7
41	MP4A	Z	13.702	7
42	MP4A	Mx	-.002	7
43	MP4B	X	0	1
44	MP4B	Z	9.419	1
45	MP4B	Mx	-.006	1
46	MP4B	X	0	7
47	MP4B	Z	9.419	7
48	MP4B	Mx	-.006	7
49	MP4C	X	0	1
50	MP4C	Z	10.421	1
51	MP4C	Mx	.006	1
52	MP4C	X	0	7
53	MP4C	Z	10.421	7
54	MP4C	Mx	.006	7
55	MP3A	X	0	3
56	MP3A	Z	5.572	3
57	MP3A	Mx	-.000645	3
58	MP3A	X	0	5
59	MP3A	Z	5.572	5
60	MP3A	Mx	-.000645	5
61	MP3B	X	0	3
62	MP3B	Z	2.326	3
63	MP3B	Mx	-.002	3
64	MP3B	X	0	5
65	MP3B	Z	2.326	5
66	MP3B	Mx	-.002	5
67	MP3C	X	0	3
68	MP3C	Z	3.086	3
69	MP3C	Mx	.002	3
70	MP3C	X	0	5
71	MP3C	Z	3.086	5
72	MP3C	Mx	.002	5
73	MP1A	X	0	4
74	MP1A	Z	2.097	4
75	MP1A	Mx	-.000182	4
76	MP1B	X	0	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
77	MP1B	Z	.474	4
78	MP1B	Mx	-.000233	4
79	MP1C	X	0	4
80	MP1C	Z	.854	4
81	MP1C	Mx	.00037	4
82	OVP1	X	0	1
83	OVP1	Z	9.225	1
84	OVP1	Mx	0	1
85	MP2A	X	0	4
86	MP2A	Z	.885	4
87	MP2A	Mx	7.7e-5	4
88	MP2B	X	0	4
89	MP2B	Z	.627	4
90	MP2B	Mx	.000309	4
91	MP2C	X	0	4
92	MP2C	Z	.687	4
93	MP2C	Mx	-.000297	4
94	MP2A	X	0	1.5
95	MP2A	Z	4.471	1.5
96	MP2A	Mx	.000518	1.5
97	MP2B	X	0	1.5
98	MP2B	Z	3.064	1.5
99	MP2B	Mx	.002	1.5
100	MP2C	X	0	1.5
101	MP2C	Z	3.393	1.5
102	MP2C	Mx	-.002	1.5
103	MP1A	X	0	1.5
104	MP1A	Z	4.454	1.5
105	MP1A	Mx	.000516	1.5
106	MP1B	X	0	1.5
107	MP1B	Z	2.508	1.5
108	MP1B	Mx	.002	1.5
109	MP1C	X	0	1.5
110	MP1C	Z	2.963	1.5
111	MP1C	Mx	-.002	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-5.28	2
2	MP2A	Z	9.145	2
3	MP2A	Mx	.01	2
4	MP2A	X	-5.28	6
5	MP2A	Z	9.145	6
6	MP2A	Mx	.01	6
7	MP2B	X	-3.834	2
8	MP2B	Z	6.64	2
9	MP2B	Mx	-.003	2
10	MP2B	X	-3.834	6
11	MP2B	Z	6.64	6
12	MP2B	Mx	-.003	6
13	MP2C	X	-5.029	2
14	MP2C	Z	8.71	2
15	MP2C	Mx	-.003	2
16	MP2C	X	-5.029	6
17	MP2C	Z	8.71	6
18	MP2C	Mx	-.003	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
19	MP2A	X	-5.28	2
20	MP2A	Z	9.145	2
21	MP2A	Mx	-.005	2
22	MP2A	X	-5.28	6
23	MP2A	Z	9.145	6
24	MP2A	Mx	-.005	6
25	MP2B	X	-3.834	2
26	MP2B	Z	6.64	2
27	MP2B	Mx	-.007	2
28	MP2B	X	-3.834	6
29	MP2B	Z	6.64	6
30	MP2B	Mx	-.007	6
31	MP2C	X	-5.029	2
32	MP2C	Z	8.71	2
33	MP2C	Mx	.01	2
34	MP2C	X	-5.029	6
35	MP2C	Z	8.71	6
36	MP2C	Mx	.01	6
37	MP4A	X	-6.653	1
38	MP4A	Z	11.524	1
39	MP4A	Mx	.003	1
40	MP4A	X	-6.653	7
41	MP4A	Z	11.524	7
42	MP4A	Mx	.003	7
43	MP4B	X	-4.908	1
44	MP4B	Z	8.5	1
45	MP4B	Mx	-.006	1
46	MP4B	X	-4.908	7
47	MP4B	Z	8.5	7
48	MP4B	Mx	-.006	7
49	MP4C	X	-6.35	1
50	MP4C	Z	10.999	1
51	MP4C	Mx	.004	1
52	MP4C	X	-6.35	7
53	MP4C	Z	10.999	7
54	MP4C	Mx	.004	7
55	MP3A	X	-2.636	3
56	MP3A	Z	4.566	3
57	MP3A	Mx	.001	3
58	MP3A	X	-2.636	5
59	MP3A	Z	4.566	5
60	MP3A	Mx	.001	5
61	MP3B	X	-1.313	3
62	MP3B	Z	2.274	3
63	MP3B	Mx	-.002	3
64	MP3B	X	-1.313	5
65	MP3B	Z	2.274	5
66	MP3B	Mx	-.002	5
67	MP3C	X	-2.406	3
68	MP3C	Z	4.168	3
69	MP3C	Mx	.002	3
70	MP3C	X	-2.406	5
71	MP3C	Z	4.168	5
72	MP3C	Mx	.002	5
73	MP1A	X	-.974	4
74	MP1A	Z	1.687	4
75	MP1A	Mx	.000333	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
76	MP1B	X	-.312	4
77	MP1B	Z	.54	4
78	MP1B	Mx	-.000293	4
79	MP1C	X	-.859	4
80	MP1C	Z	1.487	4
81	MP1C	Mx	.000429	4
82	OVP1	X	-4.031	1
83	OVP1	Z	6.982	1
84	OVP1	Mx	0	1
85	MP2A	X	-.431	4
86	MP2A	Z	.746	4
87	MP2A	Mx	-.000147	4
88	MP2B	X	-.325	4
89	MP2B	Z	.563	4
90	MP2B	Mx	.000305	4
91	MP2C	X	-.412	4
92	MP2C	Z	.714	4
93	MP2C	Mx	-.000206	4
94	MP2A	X	-2.171	1.5
95	MP2A	Z	3.76	1.5
96	MP2A	Mx	-.00099	1.5
97	MP2B	X	-1.597	1.5
98	MP2B	Z	2.766	1.5
99	MP2B	Mx	.002	1.5
100	MP2C	X	-2.071	1.5
101	MP2C	Z	3.587	1.5
102	MP2C	Mx	-.001	1.5
103	MP1A	X	-2.137	1.5
104	MP1A	Z	3.702	1.5
105	MP1A	Mx	-.000974	1.5
106	MP1B	X	-1.344	1.5
107	MP1B	Z	2.328	1.5
108	MP1B	Mx	.002	1.5
109	MP1C	X	-1.999	1.5
110	MP1C	Z	3.463	1.5
111	MP1C	Mx	-.001	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	-7.609	2
2	MP2A	Z	4.393	2
3	MP2A	Mx	.009	2
4	MP2A	X	-7.609	6
5	MP2A	Z	4.393	6
6	MP2A	Mx	.009	6
7	MP2B	X	-8.177	2
8	MP2B	Z	4.721	2
9	MP2B	Mx	.001	2
10	MP2B	X	-8.177	6
11	MP2B	Z	4.721	6
12	MP2B	Mx	.001	6
13	MP2C	X	-9.528	2
14	MP2C	Z	5.501	2
15	MP2C	Mx	-.008	2
16	MP2C	X	-9.528	6
17	MP2C	Z	5.501	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
18	MP2C	Mx	-.008	6
19	MP2A	X	-7.609	2
20	MP2A	Z	4.393	2
21	MP2A	Mx	.000251	2
22	MP2A	X	-7.609	6
23	MP2A	Z	4.393	6
24	MP2A	Mx	.000251	6
25	MP2B	X	-8.177	2
26	MP2B	Z	4.721	2
27	MP2B	Mx	-.009	2
28	MP2B	X	-8.177	6
29	MP2B	Z	4.721	6
30	MP2B	Mx	-.009	6
31	MP2C	X	-9.528	2
32	MP2C	Z	5.501	2
33	MP2C	Mx	.008	2
34	MP2C	X	-9.528	6
35	MP2C	Z	5.501	6
36	MP2C	Mx	.008	6
37	MP4A	X	-9.669	1
38	MP4A	Z	5.583	1
39	MP4A	Mx	.006	1
40	MP4A	X	-9.669	7
41	MP4A	Z	5.583	7
42	MP4A	Mx	.006	7
43	MP4B	X	-10.355	1
44	MP4B	Z	5.978	1
45	MP4B	Mx	-.005	1
46	MP4B	X	-10.355	7
47	MP4B	Z	5.978	7
48	MP4B	Mx	-.005	7
49	MP4C	X	-11.985	1
50	MP4C	Z	6.92	1
51	MP4C	Mx	0	1
52	MP4C	X	-11.985	7
53	MP4C	Z	6.92	7
54	MP4C	Mx	0	7
55	MP3A	X	-3.16	3
56	MP3A	Z	1.825	3
57	MP3A	Mx	.002	3
58	MP3A	X	-3.16	5
59	MP3A	Z	1.825	5
60	MP3A	Mx	.002	5
61	MP3B	X	-3.68	3
62	MP3B	Z	2.124	3
63	MP3B	Mx	-.002	3
64	MP3B	X	-3.68	5
65	MP3B	Z	2.124	5
66	MP3B	Mx	-.002	5
67	MP3C	X	-4.915	3
68	MP3C	Z	2.838	3
69	MP3C	Mx	0	3
70	MP3C	X	-4.915	5
71	MP3C	Z	2.838	5
72	MP3C	Mx	0	5
73	MP1A	X	-.983	4
74	MP1A	Z	.568	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
75	MP1A	Mx	.000435	4
76	MP1B	X	-1.243	4
77	MP1B	Z	.718	4
78	MP1B	Mx	-.000461	4
79	MP1C	X	-1.862	4
80	MP1C	Z	1.075	4
81	MP1C	Mx	0	4
82	OVP1	X	-6.479	1
83	OVP1	Z	3.741	1
84	OVP1	Mx	0	1
85	MP2A	X	-.634	4
86	MP2A	Z	.366	4
87	MP2A	Mx	-.00028	4
88	MP2B	X	-.675	4
89	MP2B	Z	.39	4
90	MP2B	Mx	.000251	4
91	MP2C	X	-.774	4
92	MP2C	Z	.447	4
93	MP2C	Mx	0	4
94	MP2A	X	-3.15	1.5
95	MP2A	Z	1.819	1.5
96	MP2A	Mx	-.002	1.5
97	MP2B	X	-3.376	1.5
98	MP2B	Z	1.949	1.5
99	MP2B	Mx	.002	1.5
100	MP2C	X	-3.911	1.5
101	MP2C	Z	2.258	1.5
102	MP2C	Mx	0	1.5
103	MP1A	X	-2.859	1.5
104	MP1A	Z	1.651	1.5
105	MP1A	Mx	-.002	1.5
106	MP1B	X	-3.17	1.5
107	MP1B	Z	1.83	1.5
108	MP1B	Mx	.002	1.5
109	MP1C	X	-3.911	1.5
110	MP1C	Z	2.258	1.5
111	MP1C	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-7.34	2
2	MP2A	Z	0	2
3	MP2A	Mx	.006	2
4	MP2A	X	-7.34	6
5	MP2A	Z	0	6
6	MP2A	Mx	.006	6
7	MP2B	X	-10.888	2
8	MP2B	Z	0	2
9	MP2B	Mx	.007	2
10	MP2B	X	-10.888	6
11	MP2B	Z	0	6
12	MP2B	Mx	.007	6
13	MP2C	X	-10.058	2
14	MP2C	Z	0	2
15	MP2C	Mx	-.01	2
16	MP2C	X	-10.058	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
17	MP2C	Z	0	6
18	MP2C	Mx	-.01	6
19	MP2A	X	-7.34	2
20	MP2A	Z	0	2
21	MP2A	Mx	.004	2
22	MP2A	X	-7.34	6
23	MP2A	Z	0	6
24	MP2A	Mx	.004	6
25	MP2B	X	-10.888	2
26	MP2B	Z	0	2
27	MP2B	Mx	-.009	2
28	MP2B	X	-10.888	6
29	MP2B	Z	0	6
30	MP2B	Mx	-.009	6
31	MP2C	X	-10.058	2
32	MP2C	Z	0	2
33	MP2C	Mx	.003	2
34	MP2C	X	-10.058	6
35	MP2C	Z	0	6
36	MP2C	Mx	.003	6
37	MP4A	X	-9.419	1
38	MP4A	Z	0	1
39	MP4A	Mx	.006	1
40	MP4A	X	-9.419	7
41	MP4A	Z	0	7
42	MP4A	Mx	.006	7
43	MP4B	X	-13.702	1
44	MP4B	Z	0	1
45	MP4B	Mx	-.002	1
46	MP4B	X	-13.702	7
47	MP4B	Z	0	7
48	MP4B	Mx	-.002	7
49	MP4C	X	-12.7	1
50	MP4C	Z	0	1
51	MP4C	Mx	-.004	1
52	MP4C	X	-12.7	7
53	MP4C	Z	0	7
54	MP4C	Mx	-.004	7
55	MP3A	X	-2.326	3
56	MP3A	Z	0	3
57	MP3A	Mx	.002	3
58	MP3A	X	-2.326	5
59	MP3A	Z	0	5
60	MP3A	Mx	.002	5
61	MP3B	X	-5.572	3
62	MP3B	Z	0	3
63	MP3B	Mx	-.000645	3
64	MP3B	X	-5.572	5
65	MP3B	Z	0	5
66	MP3B	Mx	-.000645	5
67	MP3C	X	-4.812	3
68	MP3C	Z	0	3
69	MP3C	Mx	-.002	3
70	MP3C	X	-4.812	5
71	MP3C	Z	0	5
72	MP3C	Mx	-.002	5
73	MP1A	X	-.474	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
74	MP1A	Z	0	4
75	MP1A	Mx	.000233	4
76	MP1B	X	-2.097	4
77	MP1B	Z	0	4
78	MP1B	Mx	-.000182	4
79	MP1C	X	-1.718	4
80	MP1C	Z	0	4
81	MP1C	Mx	-.00043	4
82	OVP1	X	-8.062	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1
85	MP2A	X	-.627	4
86	MP2A	Z	0	4
87	MP2A	Mx	-.000309	4
88	MP2B	X	-.885	4
89	MP2B	Z	0	4
90	MP2B	Mx	7.7e-5	4
91	MP2C	X	-.825	4
92	MP2C	Z	0	4
93	MP2C	Mx	.000206	4
94	MP2A	X	-3.064	1.5
95	MP2A	Z	0	1.5
96	MP2A	Mx	-.002	1.5
97	MP2B	X	-4.471	1.5
98	MP2B	Z	0	1.5
99	MP2B	Mx	.000518	1.5
100	MP2C	X	-4.142	1.5
101	MP2C	Z	0	1.5
102	MP2C	Mx	.001	1.5
103	MP1A	X	-2.508	1.5
104	MP1A	Z	0	1.5
105	MP1A	Mx	-.002	1.5
106	MP1B	X	-4.454	1.5
107	MP1B	Z	0	1.5
108	MP1B	Mx	.000516	1.5
109	MP1C	X	-3.999	1.5
110	MP1C	Z	0	1.5
111	MP1C	Mx	.001	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-6.64	2
2	MP2A	Z	-3.834	2
3	MP2A	Mx	.003	2
4	MP2A	X	-6.64	6
5	MP2A	Z	-3.834	6
6	MP2A	Mx	.003	6
7	MP2B	X	-9.145	2
8	MP2B	Z	-5.28	2
9	MP2B	Mx	.01	2
10	MP2B	X	-9.145	6
11	MP2B	Z	-5.28	6
12	MP2B	Mx	.01	6
13	MP2C	X	-7.075	2
14	MP2C	Z	-4.085	2
15	MP2C	Mx	-.008	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
16	MP2C	X	-7.075	6
17	MP2C	Z	-4.085	6
18	MP2C	Mx	-.008	6
19	MP2A	X	-6.64	2
20	MP2A	Z	-3.834	2
21	MP2A	Mx	.007	2
22	MP2A	X	-6.64	6
23	MP2A	Z	-3.834	6
24	MP2A	Mx	.007	6
25	MP2B	X	-9.145	2
26	MP2B	Z	-5.28	2
27	MP2B	Mx	-.005	2
28	MP2B	X	-9.145	6
29	MP2B	Z	-5.28	6
30	MP2B	Mx	-.005	6
31	MP2C	X	-7.075	2
32	MP2C	Z	-4.085	2
33	MP2C	Mx	-.002	2
34	MP2C	X	-7.075	6
35	MP2C	Z	-4.085	6
36	MP2C	Mx	-.002	6
37	MP4A	X	-8.5	1
38	MP4A	Z	-4.908	1
39	MP4A	Mx	.006	1
40	MP4A	X	-8.5	7
41	MP4A	Z	-4.908	7
42	MP4A	Mx	.006	7
43	MP4B	X	-11.524	1
44	MP4B	Z	-6.653	1
45	MP4B	Mx	.003	1
46	MP4B	X	-11.524	7
47	MP4B	Z	-6.653	7
48	MP4B	Mx	.003	7
49	MP4C	X	-9.025	1
50	MP4C	Z	-5.211	1
51	MP4C	Mx	-.006	1
52	MP4C	X	-9.025	7
53	MP4C	Z	-5.211	7
54	MP4C	Mx	-.006	7
55	MP3A	X	-2.274	3
56	MP3A	Z	-1.313	3
57	MP3A	Mx	.002	3
58	MP3A	X	-2.274	5
59	MP3A	Z	-1.313	5
60	MP3A	Mx	.002	5
61	MP3B	X	-4.566	3
62	MP3B	Z	-2.636	3
63	MP3B	Mx	.001	3
64	MP3B	X	-4.566	5
65	MP3B	Z	-2.636	5
66	MP3B	Mx	.001	5
67	MP3C	X	-2.672	3
68	MP3C	Z	-1.543	3
69	MP3C	Mx	-.002	3
70	MP3C	X	-2.672	5
71	MP3C	Z	-1.543	5
72	MP3C	Mx	-.002	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
73	MP1A	X	- .54	4
74	MP1A	Z	- .312	4
75	MP1A	Mx	.000293	4
76	MP1B	X	-1.687	4
77	MP1B	Z	- .974	4
78	MP1B	Mx	.000333	4
79	MP1C	X	- .739	4
80	MP1C	Z	- .427	4
81	MP1C	Mx	- .00037	4
82	OVP1	X	-7.989	1
83	OVP1	Z	-4.612	1
84	OVP1	Mx	0	1
85	MP2A	X	- .563	4
86	MP2A	Z	- .325	4
87	MP2A	Mx	- .000305	4
88	MP2B	X	- .746	4
89	MP2B	Z	- .431	4
90	MP2B	Mx	- .000147	4
91	MP2C	X	- .595	4
92	MP2C	Z	- .344	4
93	MP2C	Mx	.000298	4
94	MP2A	X	-2.766	1.5
95	MP2A	Z	-1.597	1.5
96	MP2A	Mx	- .002	1.5
97	MP2B	X	-3.76	1.5
98	MP2B	Z	-2.171	1.5
99	MP2B	Mx	- .00099	1.5
100	MP2C	X	-2.939	1.5
101	MP2C	Z	-1.697	1.5
102	MP2C	Mx	.002	1.5
103	MP1A	X	-2.328	1.5
104	MP1A	Z	-1.344	1.5
105	MP1A	Mx	- .002	1.5
106	MP1B	X	-3.702	1.5
107	MP1B	Z	-2.137	1.5
108	MP1B	Mx	- .000974	1.5
109	MP1C	X	-2.566	1.5
110	MP1C	Z	-1.482	1.5
111	MP1C	Mx	.002	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-4.721	2
2	MP2A	Z	-8.177	2
3	MP2A	Mx	- .001	2
4	MP2A	X	-4.721	6
5	MP2A	Z	-8.177	6
6	MP2A	Mx	- .001	6
7	MP2B	X	-4.393	2
8	MP2B	Z	-7.609	2
9	MP2B	Mx	.009	2
10	MP2B	X	-4.393	6
11	MP2B	Z	-7.609	6
12	MP2B	Mx	.009	6
13	MP2C	X	-3.613	2
14	MP2C	Z	-6.258	2



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
15	MP2C	Mx	-0.005	2
16	MP2C	X	-3.613	6
17	MP2C	Z	-6.258	6
18	MP2C	Mx	-0.005	6
19	MP2A	X	-4.721	2
20	MP2A	Z	-8.177	2
21	MP2A	Mx	.009	2
22	MP2A	X	-4.721	6
23	MP2A	Z	-8.177	6
24	MP2A	Mx	.009	6
25	MP2B	X	-4.393	2
26	MP2B	Z	-7.609	2
27	MP2B	Mx	.000251	2
28	MP2B	X	-4.393	6
29	MP2B	Z	-7.609	6
30	MP2B	Mx	.000251	6
31	MP2C	X	-3.613	2
32	MP2C	Z	-6.258	2
33	MP2C	Mx	-0.005	2
34	MP2C	X	-3.613	6
35	MP2C	Z	-6.258	6
36	MP2C	Mx	-0.005	6
37	MP4A	X	-5.978	1
38	MP4A	Z	-10.355	1
39	MP4A	Mx	.005	1
40	MP4A	X	-5.978	7
41	MP4A	Z	-10.355	7
42	MP4A	Mx	.005	7
43	MP4B	X	-5.583	1
44	MP4B	Z	-9.669	1
45	MP4B	Mx	.006	1
46	MP4B	X	-5.583	7
47	MP4B	Z	-9.669	7
48	MP4B	Mx	.006	7
49	MP4C	X	-4.641	1
50	MP4C	Z	-8.038	1
51	MP4C	Mx	-0.006	1
52	MP4C	X	-4.641	7
53	MP4C	Z	-8.038	7
54	MP4C	Mx	-0.006	7
55	MP3A	X	-2.124	3
56	MP3A	Z	-3.68	3
57	MP3A	Mx	.002	3
58	MP3A	X	-2.124	5
59	MP3A	Z	-3.68	5
60	MP3A	Mx	.002	5
61	MP3B	X	-1.825	3
62	MP3B	Z	-3.16	3
63	MP3B	Mx	.002	3
64	MP3B	X	-1.825	5
65	MP3B	Z	-3.16	5
66	MP3B	Mx	.002	5
67	MP3C	X	-1.111	3
68	MP3C	Z	-1.924	3
69	MP3C	Mx	-0.001	3
70	MP3C	X	-1.111	5
71	MP3C	Z	-1.924	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP3C	Mx	-.001	5
73	MP1A	X	-.718	4
74	MP1A	Z	-1.243	4
75	MP1A	Mx	.000461	4
76	MP1B	X	-.568	4
77	MP1B	Z	-.983	4
78	MP1B	Mx	.000435	4
79	MP1C	X	-.211	4
80	MP1C	Z	-.365	4
81	MP1C	Mx	-.000211	4
82	OVP1	X	-4.903	1
83	OVP1	Z	-8.492	1
84	OVP1	Mx	0	1
85	MP2A	X	-.39	4
86	MP2A	Z	-.675	4
87	MP2A	Mx	-.000251	4
88	MP2B	X	-.366	4
89	MP2B	Z	-.634	4
90	MP2B	Mx	-.00028	4
91	MP2C	X	-.309	4
92	MP2C	Z	-.535	4
93	MP2C	Mx	.000309	4
94	MP2A	X	-1.949	1.5
95	MP2A	Z	-3.376	1.5
96	MP2A	Mx	-.002	1.5
97	MP2B	X	-1.819	1.5
98	MP2B	Z	-3.15	1.5
99	MP2B	Mx	-.002	1.5
100	MP2C	X	-1.51	1.5
101	MP2C	Z	-2.615	1.5
102	MP2C	Mx	.002	1.5
103	MP1A	X	-1.83	1.5
104	MP1A	Z	-3.17	1.5
105	MP1A	Mx	-.002	1.5
106	MP1B	X	-1.651	1.5
107	MP1B	Z	-2.859	1.5
108	MP1B	Mx	-.002	1.5
109	MP1C	X	-1.223	1.5
110	MP1C	Z	-2.118	1.5
111	MP1C	Mx	.002	1.5

**Member Point Loads (BLC 77 : Lm1)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	M1	Y	-500	%37

**Member Point Loads (BLC 78 : Lm2)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	M1	Y	-500	%89

**Member Point Loads (BLC 79 : Lv1)**

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

**Member Point Loads (BLC 80 : Lv2)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
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**Member Point Loads (BLC 80 : Lv2) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M1	Y	-250	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	Y	-6.401	-6.401	0	%100
2	M122	Y	-6.401	-6.401	0	%100
3	M123	Y	-6.401	-6.401	0	%100
4	M100	Y	-4.807	-4.807	0	%100
5	M105	Y	-4.807	-4.807	0	%100
6	M106	Y	-4.807	-4.807	0	%100
7	M4	Y	-9.315	-9.315	0	%100
8	M52A	Y	-9.315	-9.315	0	%100
9	M76A	Y	-9.315	-9.315	0	%100
10	M10	Y	-9.315	-9.315	0	%100
11	M43	Y	-9.315	-9.315	0	%100
12	M53	Y	-9.315	-9.315	0	%100
13	M54	Y	-9.315	-9.315	0	%100
14	M77A	Y	-9.315	-9.315	0	%100
15	M78	Y	-9.315	-9.315	0	%100
16	MP3A	Y	-4.807	-4.807	0	%100
17	MP4A	Y	-4.807	-4.807	0	%100
18	MP2A	Y	-4.807	-4.807	0	%100
19	MP1A	Y	-4.807	-4.807	0	%100
20	MP3C	Y	-4.807	-4.807	0	%100
21	MP4C	Y	-4.807	-4.807	0	%100
22	MP2C	Y	-4.807	-4.807	0	%100
23	MP1C	Y	-4.807	-4.807	0	%100
24	MP3B	Y	-4.807	-4.807	0	%100
25	MP4B	Y	-4.807	-4.807	0	%100
26	MP2B	Y	-4.807	-4.807	0	%100
27	MP1B	Y	-4.807	-4.807	0	%100
28	M51B	Y	-5.429	-5.429	0	%100
29	M52B	Y	-5.429	-5.429	0	%100
30	M58A	Y	-5.429	-5.429	0	%100
31	M59A	Y	-5.429	-5.429	0	%100
32	M82	Y	-5.429	-5.429	0	%100
33	M83A	Y	-5.429	-5.429	0	%100
34	M1	Y	-6.352	-6.352	0	%100
35	M82A	Y	-6.352	-6.352	0	%100
36	M91B	Y	-6.352	-6.352	0	%100
37	M76	Y	-9.802	-9.802	0	%100
38	M77	Y	-9.802	-9.802	0	%100
39	M84	Y	-9.802	-9.802	0	%100
40	M85	Y	-9.802	-9.802	0	%100
41	M63	Y	-9.802	-9.802	0	%100
42	M64	Y	-9.802	-9.802	0	%100
43	M68	Y	-9.802	-9.802	0	%100
44	M69	Y	-9.802	-9.802	0	%100
45	M87	Y	-9.802	-9.802	0	%100
46	M88A	Y	-9.802	-9.802	0	%100
47	M92A	Y	-9.802	-9.802	0	%100
48	M93	Y	-9.802	-9.802	0	%100
49	M46	Y	-9.814	-9.814	0	%100
50	M80	Y	-9.814	-9.814	0	%100
51	M91	Y	-9.814	-9.814	0	%100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
52	M55	Y	-9.814	-9.814	0	%100
53	M66	Y	-9.814	-9.814	0	%100
54	M71	Y	-9.814	-9.814	0	%100
55	M79A	Y	-9.814	-9.814	0	%100
56	M90	Y	-9.814	-9.814	0	%100
57	M95	Y	-9.814	-9.814	0	%100
58	OVP1	Y	-4.807	-4.807	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M121	X	0	0	0	%100
2	M121	Z	-2.54	-2.54	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	-10.16	-10.16	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	-2.54	-2.54	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	-9.178	-9.178	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	-2.295	-2.295	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	-2.295	-2.295	0	%100
13	M4	X	0	0	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	-10.303	-10.303	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	-10.303	-10.303	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-11.625	-11.625	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	-11.625	-11.625	0	%100
23	M53	X	0	0	0	%100
24	M53	Z	-2.906	-2.906	0	%100
25	M54	X	0	0	0	%100
26	M54	Z	-2.906	-2.906	0	%100
27	M77A	X	0	0	0	%100
28	M77A	Z	-2.906	-2.906	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	-2.906	-2.906	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	-9.178	-9.178	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	-9.178	-9.178	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	-9.178	-9.178	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	-9.178	-9.178	0	%100
39	MP3C	X	0	0	0	%100
40	MP3C	Z	-9.178	-9.178	0	%100
41	MP4C	X	0	0	0	%100
42	MP4C	Z	-9.178	-9.178	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	-9.178	-9.178	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	-9.178	-9.178	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
47	MP3B	X	0	0	0	%100
48	MP3B	Z	-9.178	-9.178	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	-9.178	-9.178	0	%100
51	MP2B	X	0	0	0	%100
52	MP2B	Z	-9.178	-9.178	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	-9.178	-9.178	0	%100
55	M51B	X	0	0	0	%100
56	M51B	Z	-3.219	-3.219	0	%100
57	M52B	X	0	0	0	%100
58	M52B	Z	-3.219	-3.219	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-3.219	-3.219	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-12.875	-12.875	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	-12.875	-12.875	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	-3.219	-3.219	0	%100
67	M1	X	0	0	0	%100
68	M1	Z	-13.525	-13.525	0	%100
69	M82A	X	0	0	0	%100
70	M82A	Z	-3.381	-3.381	0	%100
71	M91B	X	0	0	0	%100
72	M91B	Z	-3.381	-3.381	0	%100
73	M76	X	0	0	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	-5.904	-5.904	0	%100
77	M84	X	0	0	0	%100
78	M84	Z	0	0	0	%100
79	M85	X	0	0	0	%100
80	M85	Z	-5.904	-5.904	0	%100
81	M63	X	0	0	0	%100
82	M63	Z	-17.39	-17.39	0	%100
83	M64	X	0	0	0	%100
84	M64	Z	-5.904	-5.904	0	%100
85	M68	X	0	0	0	%100
86	M68	Z	-17.39	-17.39	0	%100
87	M69	X	0	0	0	%100
88	M69	Z	-23.616	-23.616	0	%100
89	M87	X	0	0	0	%100
90	M87	Z	-17.39	-17.39	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	-23.616	-23.616	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	-17.39	-17.39	0	%100
95	M93	X	0	0	0	%100
96	M93	Z	-5.904	-5.904	0	%100
97	M46	X	0	0	0	%100
98	M46	Z	-23.187	-23.187	0	%100
99	M80	X	0	0	0	%100
100	M80	Z	-6.219	-6.219	0	%100
101	M91	X	0	0	0	%100
102	M91	Z	-6.219	-6.219	0	%100
103	M55	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
104	M55	Z	-5.797	-5.797	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	-6.219	-6.219	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	-24.874	-24.874	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	-5.797	-5.797	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	-24.874	-24.874	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	-6.219	-6.219	0	%100
115	OVP1	X	0	0	0	%100
116	OVP1	Z	-7.505	-7.505	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	3.81	3.81	0	%100
2	M121	Z	-6.599	-6.599	0	%100
3	M122	X	3.81	3.81	0	%100
4	M122	Z	-6.599	-6.599	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	3.442	3.442	0	%100
8	M100	Z	-5.961	-5.961	0	%100
9	M105	X	3.442	3.442	0	%100
10	M105	Z	-5.961	-5.961	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	1.717	1.717	0	%100
14	M4	Z	-2.974	-2.974	0	%100
15	M52A	X	1.717	1.717	0	%100
16	M52A	Z	-2.974	-2.974	0	%100
17	M76A	X	6.869	6.869	0	%100
18	M76A	Z	-11.897	-11.897	0	%100
19	M10	X	4.359	4.359	0	%100
20	M10	Z	-7.55	-7.55	0	%100
21	M43	X	4.359	4.359	0	%100
22	M43	Z	-7.55	-7.55	0	%100
23	M53	X	4.359	4.359	0	%100
24	M53	Z	-7.55	-7.55	0	%100
25	M54	X	4.359	4.359	0	%100
26	M54	Z	-7.55	-7.55	0	%100
27	M77A	X	0	0	0	%100
28	M77A	Z	0	0	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	4.589	4.589	0	%100
32	MP3A	Z	-7.948	-7.948	0	%100
33	MP4A	X	4.589	4.589	0	%100
34	MP4A	Z	-7.948	-7.948	0	%100
35	MP2A	X	4.589	4.589	0	%100
36	MP2A	Z	-7.948	-7.948	0	%100
37	MP1A	X	4.589	4.589	0	%100
38	MP1A	Z	-7.948	-7.948	0	%100
39	MP3C	X	4.589	4.589	0	%100
40	MP3C	Z	-7.948	-7.948	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
41	MP4C	X	4.589	4.589	0	%100
42	MP4C	Z	-7.948	-7.948	0	%100
43	MP2C	X	4.589	4.589	0	%100
44	MP2C	Z	-7.948	-7.948	0	%100
45	MP1C	X	4.589	4.589	0	%100
46	MP1C	Z	-7.948	-7.948	0	%100
47	MP3B	X	4.589	4.589	0	%100
48	MP3B	Z	-7.948	-7.948	0	%100
49	MP4B	X	4.589	4.589	0	%100
50	MP4B	Z	-7.948	-7.948	0	%100
51	MP2B	X	4.589	4.589	0	%100
52	MP2B	Z	-7.948	-7.948	0	%100
53	MP1B	X	4.589	4.589	0	%100
54	MP1B	Z	-7.948	-7.948	0	%100
55	M51B	X	4.828	4.828	0	%100
56	M51B	Z	-8.363	-8.363	0	%100
57	M52B	X	0	0	0	%100
58	M52B	Z	0	0	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	4.828	4.828	0	%100
62	M59A	Z	-8.363	-8.363	0	%100
63	M82	X	4.828	4.828	0	%100
64	M82	Z	-8.363	-8.363	0	%100
65	M83A	X	4.828	4.828	0	%100
66	M83A	Z	-8.363	-8.363	0	%100
67	M1	X	5.072	5.072	0	%100
68	M1	Z	-8.785	-8.785	0	%100
69	M82A	X	5.072	5.072	0	%100
70	M82A	Z	-8.785	-8.785	0	%100
71	M91B	X	0	0	0	%100
72	M91B	Z	0	0	0	%100
73	M76	X	2.898	2.898	0	%100
74	M76	Z	-5.02	-5.02	0	%100
75	M77	X	8.856	8.856	0	%100
76	M77	Z	-15.339	-15.339	0	%100
77	M84	X	2.898	2.898	0	%100
78	M84	Z	-5.02	-5.02	0	%100
79	M85	X	0	0	0	%100
80	M85	Z	0	0	0	%100
81	M63	X	2.898	2.898	0	%100
82	M63	Z	-5.02	-5.02	0	%100
83	M64	X	0	0	0	%100
84	M64	Z	0	0	0	%100
85	M68	X	2.898	2.898	0	%100
86	M68	Z	-5.02	-5.02	0	%100
87	M69	X	8.856	8.856	0	%100
88	M69	Z	-15.339	-15.339	0	%100
89	M87	X	11.593	11.593	0	%100
90	M87	Z	-20.08	-20.08	0	%100
91	M88A	X	8.856	8.856	0	%100
92	M88A	Z	-15.339	-15.339	0	%100
93	M92A	X	11.593	11.593	0	%100
94	M92A	Z	-20.08	-20.08	0	%100
95	M93	X	8.856	8.856	0	%100
96	M93	Z	-15.339	-15.339	0	%100
97	M46	X	8.695	8.695	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
98	M46	Z	-15.06	-15.06	0	%100
99	M80	X	9.328	9.328	0	%100
100	M80	Z	-16.156	-16.156	0	%100
101	M91	X	0	0	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	8.695	8.695	0	%100
104	M55	Z	-15.06	-15.06	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	9.328	9.328	0	%100
108	M71	Z	-16.156	-16.156	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	9.328	9.328	0	%100
112	M90	Z	-16.156	-16.156	0	%100
113	M95	X	9.328	9.328	0	%100
114	M95	Z	-16.156	-16.156	0	%100
115	OVP1	X	3.753	3.753	0	%100
116	OVP1	Z	-6.5	-6.5	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	8.799	8.799	0	%100
2	M121	Z	-5.08	-5.08	0	%100
3	M122	X	2.2	2.2	0	%100
4	M122	Z	-1.27	-1.27	0	%100
5	M123	X	2.2	2.2	0	%100
6	M123	Z	-1.27	-1.27	0	%100
7	M100	X	1.987	1.987	0	%100
8	M100	Z	-1.147	-1.147	0	%100
9	M105	X	7.948	7.948	0	%100
10	M105	Z	-4.589	-4.589	0	%100
11	M106	X	1.987	1.987	0	%100
12	M106	Z	-1.147	-1.147	0	%100
13	M4	X	8.923	8.923	0	%100
14	M4	Z	-5.152	-5.152	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	8.923	8.923	0	%100
18	M76A	Z	-5.152	-5.152	0	%100
19	M10	X	2.517	2.517	0	%100
20	M10	Z	-1.453	-1.453	0	%100
21	M43	X	2.517	2.517	0	%100
22	M43	Z	-1.453	-1.453	0	%100
23	M53	X	10.067	10.067	0	%100
24	M53	Z	-5.812	-5.812	0	%100
25	M54	X	10.067	10.067	0	%100
26	M54	Z	-5.812	-5.812	0	%100
27	M77A	X	2.517	2.517	0	%100
28	M77A	Z	-1.453	-1.453	0	%100
29	M78	X	2.517	2.517	0	%100
30	M78	Z	-1.453	-1.453	0	%100
31	MP3A	X	7.948	7.948	0	%100
32	MP3A	Z	-4.589	-4.589	0	%100
33	MP4A	X	7.948	7.948	0	%100
34	MP4A	Z	-4.589	-4.589	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
35	MP2A	X	7.948	7.948	0	%100
36	MP2A	Z	-4.589	-4.589	0	%100
37	MP1A	X	7.948	7.948	0	%100
38	MP1A	Z	-4.589	-4.589	0	%100
39	MP3C	X	7.948	7.948	0	%100
40	MP3C	Z	-4.589	-4.589	0	%100
41	MP4C	X	7.948	7.948	0	%100
42	MP4C	Z	-4.589	-4.589	0	%100
43	MP2C	X	7.948	7.948	0	%100
44	MP2C	Z	-4.589	-4.589	0	%100
45	MP1C	X	7.948	7.948	0	%100
46	MP1C	Z	-4.589	-4.589	0	%100
47	MP3B	X	7.948	7.948	0	%100
48	MP3B	Z	-4.589	-4.589	0	%100
49	MP4B	X	7.948	7.948	0	%100
50	MP4B	Z	-4.589	-4.589	0	%100
51	MP2B	X	7.948	7.948	0	%100
52	MP2B	Z	-4.589	-4.589	0	%100
53	MP1B	X	7.948	7.948	0	%100
54	MP1B	Z	-4.589	-4.589	0	%100
55	M51B	X	11.15	11.15	0	%100
56	M51B	Z	-6.438	-6.438	0	%100
57	M52B	X	2.788	2.788	0	%100
58	M52B	Z	-1.609	-1.609	0	%100
59	M58A	X	2.788	2.788	0	%100
60	M58A	Z	-1.609	-1.609	0	%100
61	M59A	X	2.788	2.788	0	%100
62	M59A	Z	-1.609	-1.609	0	%100
63	M82	X	2.788	2.788	0	%100
64	M82	Z	-1.609	-1.609	0	%100
65	M83A	X	11.15	11.15	0	%100
66	M83A	Z	-6.438	-6.438	0	%100
67	M1	X	2.928	2.928	0	%100
68	M1	Z	-1.691	-1.691	0	%100
69	M82A	X	11.713	11.713	0	%100
70	M82A	Z	-6.763	-6.763	0	%100
71	M91B	X	2.928	2.928	0	%100
72	M91B	Z	-1.691	-1.691	0	%100
73	M76	X	15.06	15.06	0	%100
74	M76	Z	-8.695	-8.695	0	%100
75	M77	X	20.452	20.452	0	%100
76	M77	Z	-11.808	-11.808	0	%100
77	M84	X	15.06	15.06	0	%100
78	M84	Z	-8.695	-8.695	0	%100
79	M85	X	5.113	5.113	0	%100
80	M85	Z	-2.952	-2.952	0	%100
81	M63	X	0	0	0	%100
82	M63	Z	0	0	0	%100
83	M64	X	5.113	5.113	0	%100
84	M64	Z	-2.952	-2.952	0	%100
85	M68	X	0	0	0	%100
86	M68	Z	0	0	0	%100
87	M69	X	5.113	5.113	0	%100
88	M69	Z	-2.952	-2.952	0	%100
89	M87	X	15.06	15.06	0	%100
90	M87	Z	-8.695	-8.695	0	%100
91	M88A	X	5.113	5.113	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
92	M88A	Z	-2.952	-2.952	0	%100
93	M92A	X	15.06	15.06	0	%100
94	M92A	Z	-8.695	-8.695	0	%100
95	M93	X	20.452	20.452	0	%100
96	M93	Z	-11.808	-11.808	0	%100
97	M46	X	5.02	5.02	0	%100
98	M46	Z	-2.898	-2.898	0	%100
99	M80	X	21.542	21.542	0	%100
100	M80	Z	-12.437	-12.437	0	%100
101	M91	X	5.385	5.385	0	%100
102	M91	Z	-3.109	-3.109	0	%100
103	M55	X	20.08	20.08	0	%100
104	M55	Z	-11.593	-11.593	0	%100
105	M66	X	5.385	5.385	0	%100
106	M66	Z	-3.109	-3.109	0	%100
107	M71	X	5.385	5.385	0	%100
108	M71	Z	-3.109	-3.109	0	%100
109	M79A	X	5.02	5.02	0	%100
110	M79A	Z	-2.898	-2.898	0	%100
111	M90	X	5.385	5.385	0	%100
112	M90	Z	-3.109	-3.109	0	%100
113	M95	X	21.542	21.542	0	%100
114	M95	Z	-12.437	-12.437	0	%100
115	OVP1	X	6.5	6.5	0	%100
116	OVP1	Z	-3.753	-3.753	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	7.62	7.62	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	0	0	0	%100
5	M123	X	7.62	7.62	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	0	0	0	%100
9	M105	X	6.884	6.884	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	6.884	6.884	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	13.738	13.738	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	3.434	3.434	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	3.434	3.434	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	0	0	0	%100
23	M53	X	8.718	8.718	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	8.718	8.718	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	8.718	8.718	0	%100
28	M77A	Z	0	0	0	%100





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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	M78	X	8.718	8.718	0 %100
30	M78	Z	0	0	0 %100
31	MP3A	X	9.178	9.178	0 %100
32	MP3A	Z	0	0	0 %100
33	MP4A	X	9.178	9.178	0 %100
34	MP4A	Z	0	0	0 %100
35	MP2A	X	9.178	9.178	0 %100
36	MP2A	Z	0	0	0 %100
37	MP1A	X	9.178	9.178	0 %100
38	MP1A	Z	0	0	0 %100
39	MP3C	X	9.178	9.178	0 %100
40	MP3C	Z	0	0	0 %100
41	MP4C	X	9.178	9.178	0 %100
42	MP4C	Z	0	0	0 %100
43	MP2C	X	9.178	9.178	0 %100
44	MP2C	Z	0	0	0 %100
45	MP1C	X	9.178	9.178	0 %100
46	MP1C	Z	0	0	0 %100
47	MP3B	X	9.178	9.178	0 %100
48	MP3B	Z	0	0	0 %100
49	MP4B	X	9.178	9.178	0 %100
50	MP4B	Z	0	0	0 %100
51	MP2B	X	9.178	9.178	0 %100
52	MP2B	Z	0	0	0 %100
53	MP1B	X	9.178	9.178	0 %100
54	MP1B	Z	0	0	0 %100
55	M51B	X	9.656	9.656	0 %100
56	M51B	Z	0	0	0 %100
57	M52B	X	9.656	9.656	0 %100
58	M52B	Z	0	0	0 %100
59	M58A	X	9.656	9.656	0 %100
60	M58A	Z	0	0	0 %100
61	M59A	X	0	0	0 %100
62	M59A	Z	0	0	0 %100
63	M82	X	0	0	0 %100
64	M82	Z	0	0	0 %100
65	M83A	X	9.656	9.656	0 %100
66	M83A	Z	0	0	0 %100
67	M1	X	0	0	0 %100
68	M1	Z	0	0	0 %100
69	M82A	X	10.144	10.144	0 %100
70	M82A	Z	0	0	0 %100
71	M91B	X	10.144	10.144	0 %100
72	M91B	Z	0	0	0 %100
73	M76	X	23.187	23.187	0 %100
74	M76	Z	0	0	0 %100
75	M77	X	17.712	17.712	0 %100
76	M77	Z	0	0	0 %100
77	M84	X	23.187	23.187	0 %100
78	M84	Z	0	0	0 %100
79	M85	X	17.712	17.712	0 %100
80	M85	Z	0	0	0 %100
81	M63	X	5.797	5.797	0 %100
82	M63	Z	0	0	0 %100
83	M64	X	17.712	17.712	0 %100
84	M64	Z	0	0	0 %100
85	M68	X	5.797	5.797	0 %100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
86	M68	Z	0	0	0	%100
87	M69	X	0	0	0	%100
88	M69	Z	0	0	0	%100
89	M87	X	5.797	5.797	0	%100
90	M87	Z	0	0	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	0	0	0	%100
93	M92A	X	5.797	5.797	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	17.712	17.712	0	%100
96	M93	Z	0	0	0	%100
97	M46	X	0	0	0	%100
98	M46	Z	0	0	0	%100
99	M80	X	18.656	18.656	0	%100
100	M80	Z	0	0	0	%100
101	M91	X	18.656	18.656	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	17.39	17.39	0	%100
104	M55	Z	0	0	0	%100
105	M66	X	18.656	18.656	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	0	0	0	%100
109	M79A	X	17.39	17.39	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	0	0	0	%100
113	M95	X	18.656	18.656	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	7.505	7.505	0	%100
116	OVP1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	2.2	2.2	0	%100
2	M121	Z	1.27	1.27	0	%100
3	M122	X	2.2	2.2	0	%100
4	M122	Z	1.27	1.27	0	%100
5	M123	X	8.799	8.799	0	%100
6	M123	Z	5.08	5.08	0	%100
7	M100	X	1.987	1.987	0	%100
8	M100	Z	1.147	1.147	0	%100
9	M105	X	1.987	1.987	0	%100
10	M105	Z	1.147	1.147	0	%100
11	M106	X	7.948	7.948	0	%100
12	M106	Z	4.589	4.589	0	%100
13	M4	X	8.923	8.923	0	%100
14	M4	Z	5.152	5.152	0	%100
15	M52A	X	8.923	8.923	0	%100
16	M52A	Z	5.152	5.152	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	2.517	2.517	0	%100
20	M10	Z	1.453	1.453	0	%100
21	M43	X	2.517	2.517	0	%100
22	M43	Z	1.453	1.453	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
23	M53	X	2.517	2.517	0 %100
24	M53	Z	1.453	1.453	0 %100
25	M54	X	2.517	2.517	0 %100
26	M54	Z	1.453	1.453	0 %100
27	M77A	X	10.067	10.067	0 %100
28	M77A	Z	5.812	5.812	0 %100
29	M78	X	10.067	10.067	0 %100
30	M78	Z	5.812	5.812	0 %100
31	MP3A	X	7.948	7.948	0 %100
32	MP3A	Z	4.589	4.589	0 %100
33	MP4A	X	7.948	7.948	0 %100
34	MP4A	Z	4.589	4.589	0 %100
35	MP2A	X	7.948	7.948	0 %100
36	MP2A	Z	4.589	4.589	0 %100
37	MP1A	X	7.948	7.948	0 %100
38	MP1A	Z	4.589	4.589	0 %100
39	MP3C	X	7.948	7.948	0 %100
40	MP3C	Z	4.589	4.589	0 %100
41	MP4C	X	7.948	7.948	0 %100
42	MP4C	Z	4.589	4.589	0 %100
43	MP2C	X	7.948	7.948	0 %100
44	MP2C	Z	4.589	4.589	0 %100
45	MP1C	X	7.948	7.948	0 %100
46	MP1C	Z	4.589	4.589	0 %100
47	MP3B	X	7.948	7.948	0 %100
48	MP3B	Z	4.589	4.589	0 %100
49	MP4B	X	7.948	7.948	0 %100
50	MP4B	Z	4.589	4.589	0 %100
51	MP2B	X	7.948	7.948	0 %100
52	MP2B	Z	4.589	4.589	0 %100
53	MP1B	X	7.948	7.948	0 %100
54	MP1B	Z	4.589	4.589	0 %100
55	M51B	X	2.788	2.788	0 %100
56	M51B	Z	1.609	1.609	0 %100
57	M52B	X	11.15	11.15	0 %100
58	M52B	Z	6.438	6.438	0 %100
59	M58A	X	11.15	11.15	0 %100
60	M58A	Z	6.438	6.438	0 %100
61	M59A	X	2.788	2.788	0 %100
62	M59A	Z	1.609	1.609	0 %100
63	M82	X	2.788	2.788	0 %100
64	M82	Z	1.609	1.609	0 %100
65	M83A	X	2.788	2.788	0 %100
66	M83A	Z	1.609	1.609	0 %100
67	M1	X	2.928	2.928	0 %100
68	M1	Z	1.691	1.691	0 %100
69	M82A	X	2.928	2.928	0 %100
70	M82A	Z	1.691	1.691	0 %100
71	M91B	X	11.713	11.713	0 %100
72	M91B	Z	6.763	6.763	0 %100
73	M76	X	15.06	15.06	0 %100
74	M76	Z	8.695	8.695	0 %100
75	M77	X	5.113	5.113	0 %100
76	M77	Z	2.952	2.952	0 %100
77	M84	X	15.06	15.06	0 %100
78	M84	Z	8.695	8.695	0 %100
79	M85	X	20.452	20.452	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
80	M85	Z	11.808	11.808	0	%100
81	M63	X	15.06	15.06	0	%100
82	M63	Z	8.695	8.695	0	%100
83	M64	X	20.452	20.452	0	%100
84	M64	Z	11.808	11.808	0	%100
85	M68	X	15.06	15.06	0	%100
86	M68	Z	8.695	8.695	0	%100
87	M69	X	5.113	5.113	0	%100
88	M69	Z	2.952	2.952	0	%100
89	M87	X	0	0	0	%100
90	M87	Z	0	0	0	%100
91	M88A	X	5.113	5.113	0	%100
92	M88A	Z	2.952	2.952	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	5.113	5.113	0	%100
96	M93	Z	2.952	2.952	0	%100
97	M46	X	5.02	5.02	0	%100
98	M46	Z	2.898	2.898	0	%100
99	M80	X	5.385	5.385	0	%100
100	M80	Z	3.109	3.109	0	%100
101	M91	X	21.542	21.542	0	%100
102	M91	Z	12.437	12.437	0	%100
103	M55	X	5.02	5.02	0	%100
104	M55	Z	2.898	2.898	0	%100
105	M66	X	21.542	21.542	0	%100
106	M66	Z	12.437	12.437	0	%100
107	M71	X	5.385	5.385	0	%100
108	M71	Z	3.109	3.109	0	%100
109	M79A	X	20.08	20.08	0	%100
110	M79A	Z	11.593	11.593	0	%100
111	M90	X	5.385	5.385	0	%100
112	M90	Z	3.109	3.109	0	%100
113	M95	X	5.385	5.385	0	%100
114	M95	Z	3.109	3.109	0	%100
115	OVP1	X	6.5	6.5	0	%100
116	OVP1	Z	3.753	3.753	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	0	0	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	3.81	3.81	0	%100
4	M122	Z	6.599	6.599	0	%100
5	M123	X	3.81	3.81	0	%100
6	M123	Z	6.599	6.599	0	%100
7	M100	X	3.442	3.442	0	%100
8	M100	Z	5.961	5.961	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	3.442	3.442	0	%100
12	M106	Z	5.961	5.961	0	%100
13	M4	X	1.717	1.717	0	%100
14	M4	Z	2.974	2.974	0	%100
15	M52A	X	6.869	6.869	0	%100
16	M52A	Z	11.897	11.897	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
17	M76A	X	1.717	1.717	0 %100
18	M76A	Z	2.974	2.974	0 %100
19	M10	X	4.359	4.359	0 %100
20	M10	Z	7.55	7.55	0 %100
21	M43	X	4.359	4.359	0 %100
22	M43	Z	7.55	7.55	0 %100
23	M53	X	0	0	0 %100
24	M53	Z	0	0	0 %100
25	M54	X	0	0	0 %100
26	M54	Z	0	0	0 %100
27	M77A	X	4.359	4.359	0 %100
28	M77A	Z	7.55	7.55	0 %100
29	M78	X	4.359	4.359	0 %100
30	M78	Z	7.55	7.55	0 %100
31	MP3A	X	4.589	4.589	0 %100
32	MP3A	Z	7.948	7.948	0 %100
33	MP4A	X	4.589	4.589	0 %100
34	MP4A	Z	7.948	7.948	0 %100
35	MP2A	X	4.589	4.589	0 %100
36	MP2A	Z	7.948	7.948	0 %100
37	MP1A	X	4.589	4.589	0 %100
38	MP1A	Z	7.948	7.948	0 %100
39	MP3C	X	4.589	4.589	0 %100
40	MP3C	Z	7.948	7.948	0 %100
41	MP4C	X	4.589	4.589	0 %100
42	MP4C	Z	7.948	7.948	0 %100
43	MP2C	X	4.589	4.589	0 %100
44	MP2C	Z	7.948	7.948	0 %100
45	MP1C	X	4.589	4.589	0 %100
46	MP1C	Z	7.948	7.948	0 %100
47	MP3B	X	4.589	4.589	0 %100
48	MP3B	Z	7.948	7.948	0 %100
49	MP4B	X	4.589	4.589	0 %100
50	MP4B	Z	7.948	7.948	0 %100
51	MP2B	X	4.589	4.589	0 %100
52	MP2B	Z	7.948	7.948	0 %100
53	MP1B	X	4.589	4.589	0 %100
54	MP1B	Z	7.948	7.948	0 %100
55	M51B	X	0	0	0 %100
56	M51B	Z	0	0	0 %100
57	M52B	X	4.828	4.828	0 %100
58	M52B	Z	8.363	8.363	0 %100
59	M58A	X	4.828	4.828	0 %100
60	M58A	Z	8.363	8.363	0 %100
61	M59A	X	4.828	4.828	0 %100
62	M59A	Z	8.363	8.363	0 %100
63	M82	X	4.828	4.828	0 %100
64	M82	Z	8.363	8.363	0 %100
65	M83A	X	0	0	0 %100
66	M83A	Z	0	0	0 %100
67	M1	X	5.072	5.072	0 %100
68	M1	Z	8.785	8.785	0 %100
69	M82A	X	0	0	0 %100
70	M82A	Z	0	0	0 %100
71	M91B	X	5.072	5.072	0 %100
72	M91B	Z	8.785	8.785	0 %100
73	M76	X	2.898	2.898	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
74	M76	Z	5.02	5.02	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	0	0	0	%100
77	M84	X	2.898	2.898	0	%100
78	M84	Z	5.02	5.02	0	%100
79	M85	X	8.856	8.856	0	%100
80	M85	Z	15.339	15.339	0	%100
81	M63	X	11.593	11.593	0	%100
82	M63	Z	20.08	20.08	0	%100
83	M64	X	8.856	8.856	0	%100
84	M64	Z	15.339	15.339	0	%100
85	M68	X	11.593	11.593	0	%100
86	M68	Z	20.08	20.08	0	%100
87	M69	X	8.856	8.856	0	%100
88	M69	Z	15.339	15.339	0	%100
89	M87	X	2.898	2.898	0	%100
90	M87	Z	5.02	5.02	0	%100
91	M88A	X	8.856	8.856	0	%100
92	M88A	Z	15.339	15.339	0	%100
93	M92A	X	2.898	2.898	0	%100
94	M92A	Z	5.02	5.02	0	%100
95	M93	X	0	0	0	%100
96	M93	Z	0	0	0	%100
97	M46	X	8.695	8.695	0	%100
98	M46	Z	15.06	15.06	0	%100
99	M80	X	0	0	0	%100
100	M80	Z	0	0	0	%100
101	M91	X	9.328	9.328	0	%100
102	M91	Z	16.156	16.156	0	%100
103	M55	X	0	0	0	%100
104	M55	Z	0	0	0	%100
105	M66	X	9.328	9.328	0	%100
106	M66	Z	16.156	16.156	0	%100
107	M71	X	9.328	9.328	0	%100
108	M71	Z	16.156	16.156	0	%100
109	M79A	X	8.695	8.695	0	%100
110	M79A	Z	15.06	15.06	0	%100
111	M90	X	9.328	9.328	0	%100
112	M90	Z	16.156	16.156	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	3.753	3.753	0	%100
116	OVP1	Z	6.5	6.5	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	0	0	0	%100
2	M121	Z	2.54	2.54	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	10.16	10.16	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	2.54	2.54	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	9.178	9.178	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	2.295	2.295	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]	
11	M106	X	0	0	0	%100
12	M106	Z	2.295	2.295	0	%100
13	M4	X	0	0	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	10.303	10.303	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	10.303	10.303	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	11.625	11.625	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	11.625	11.625	0	%100
23	M53	X	0	0	0	%100
24	M53	Z	2.906	2.906	0	%100
25	M54	X	0	0	0	%100
26	M54	Z	2.906	2.906	0	%100
27	M77A	X	0	0	0	%100
28	M77A	Z	2.906	2.906	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	2.906	2.906	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	9.178	9.178	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	9.178	9.178	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	9.178	9.178	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	9.178	9.178	0	%100
39	MP3C	X	0	0	0	%100
40	MP3C	Z	9.178	9.178	0	%100
41	MP4C	X	0	0	0	%100
42	MP4C	Z	9.178	9.178	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	9.178	9.178	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	9.178	9.178	0	%100
47	MP3B	X	0	0	0	%100
48	MP3B	Z	9.178	9.178	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	9.178	9.178	0	%100
51	MP2B	X	0	0	0	%100
52	MP2B	Z	9.178	9.178	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	9.178	9.178	0	%100
55	M51B	X	0	0	0	%100
56	M51B	Z	3.219	3.219	0	%100
57	M52B	X	0	0	0	%100
58	M52B	Z	3.219	3.219	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	3.219	3.219	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	12.875	12.875	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	12.875	12.875	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	3.219	3.219	0	%100
67	M1	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
68	M1	Z	13.525	13.525	0	%100
69	M82A	X	0	0	0	%100
70	M82A	Z	3.381	3.381	0	%100
71	M91B	X	0	0	0	%100
72	M91B	Z	3.381	3.381	0	%100
73	M76	X	0	0	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	5.904	5.904	0	%100
77	M84	X	0	0	0	%100
78	M84	Z	0	0	0	%100
79	M85	X	0	0	0	%100
80	M85	Z	5.904	5.904	0	%100
81	M63	X	0	0	0	%100
82	M63	Z	17.39	17.39	0	%100
83	M64	X	0	0	0	%100
84	M64	Z	5.904	5.904	0	%100
85	M68	X	0	0	0	%100
86	M68	Z	17.39	17.39	0	%100
87	M69	X	0	0	0	%100
88	M69	Z	23.616	23.616	0	%100
89	M87	X	0	0	0	%100
90	M87	Z	17.39	17.39	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	23.616	23.616	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	17.39	17.39	0	%100
95	M93	X	0	0	0	%100
96	M93	Z	5.904	5.904	0	%100
97	M46	X	0	0	0	%100
98	M46	Z	23.187	23.187	0	%100
99	M80	X	0	0	0	%100
100	M80	Z	6.219	6.219	0	%100
101	M91	X	0	0	0	%100
102	M91	Z	6.219	6.219	0	%100
103	M55	X	0	0	0	%100
104	M55	Z	5.797	5.797	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	6.219	6.219	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	24.874	24.874	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	5.797	5.797	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	24.874	24.874	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	6.219	6.219	0	%100
115	OVP1	X	0	0	0	%100
116	OVP1	Z	7.505	7.505	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	-3.81	-3.81	0	%100
2	M121	Z	6.599	6.599	0	%100
3	M122	X	-3.81	-3.81	0	%100
4	M122	Z	6.599	6.599	0	%100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
5	M123	X	0	0	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	-3.442	-3.442	0	%100
8	M100	Z	5.961	5.961	0	%100
9	M105	X	-3.442	-3.442	0	%100
10	M105	Z	5.961	5.961	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	-1.717	-1.717	0	%100
14	M4	Z	2.974	2.974	0	%100
15	M52A	X	-1.717	-1.717	0	%100
16	M52A	Z	2.974	2.974	0	%100
17	M76A	X	-6.869	-6.869	0	%100
18	M76A	Z	11.897	11.897	0	%100
19	M10	X	-4.359	-4.359	0	%100
20	M10	Z	7.55	7.55	0	%100
21	M43	X	-4.359	-4.359	0	%100
22	M43	Z	7.55	7.55	0	%100
23	M53	X	-4.359	-4.359	0	%100
24	M53	Z	7.55	7.55	0	%100
25	M54	X	-4.359	-4.359	0	%100
26	M54	Z	7.55	7.55	0	%100
27	M77A	X	0	0	0	%100
28	M77A	Z	0	0	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	-4.589	-4.589	0	%100
32	MP3A	Z	7.948	7.948	0	%100
33	MP4A	X	-4.589	-4.589	0	%100
34	MP4A	Z	7.948	7.948	0	%100
35	MP2A	X	-4.589	-4.589	0	%100
36	MP2A	Z	7.948	7.948	0	%100
37	MP1A	X	-4.589	-4.589	0	%100
38	MP1A	Z	7.948	7.948	0	%100
39	MP3C	X	-4.589	-4.589	0	%100
40	MP3C	Z	7.948	7.948	0	%100
41	MP4C	X	-4.589	-4.589	0	%100
42	MP4C	Z	7.948	7.948	0	%100
43	MP2C	X	-4.589	-4.589	0	%100
44	MP2C	Z	7.948	7.948	0	%100
45	MP1C	X	-4.589	-4.589	0	%100
46	MP1C	Z	7.948	7.948	0	%100
47	MP3B	X	-4.589	-4.589	0	%100
48	MP3B	Z	7.948	7.948	0	%100
49	MP4B	X	-4.589	-4.589	0	%100
50	MP4B	Z	7.948	7.948	0	%100
51	MP2B	X	-4.589	-4.589	0	%100
52	MP2B	Z	7.948	7.948	0	%100
53	MP1B	X	-4.589	-4.589	0	%100
54	MP1B	Z	7.948	7.948	0	%100
55	M51B	X	-4.828	-4.828	0	%100
56	M51B	Z	8.363	8.363	0	%100
57	M52B	X	0	0	0	%100
58	M52B	Z	0	0	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-4.828	-4.828	0	%100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
62	M59A	Z	8.363	8.363	0	%100
63	M82	X	-4.828	-4.828	0	%100
64	M82	Z	8.363	8.363	0	%100
65	M83A	X	-4.828	-4.828	0	%100
66	M83A	Z	8.363	8.363	0	%100
67	M1	X	-5.072	-5.072	0	%100
68	M1	Z	8.785	8.785	0	%100
69	M82A	X	-5.072	-5.072	0	%100
70	M82A	Z	8.785	8.785	0	%100
71	M91B	X	0	0	0	%100
72	M91B	Z	0	0	0	%100
73	M76	X	-2.898	-2.898	0	%100
74	M76	Z	5.02	5.02	0	%100
75	M77	X	-8.856	-8.856	0	%100
76	M77	Z	15.339	15.339	0	%100
77	M84	X	-2.898	-2.898	0	%100
78	M84	Z	5.02	5.02	0	%100
79	M85	X	0	0	0	%100
80	M85	Z	0	0	0	%100
81	M63	X	-2.898	-2.898	0	%100
82	M63	Z	5.02	5.02	0	%100
83	M64	X	0	0	0	%100
84	M64	Z	0	0	0	%100
85	M68	X	-2.898	-2.898	0	%100
86	M68	Z	5.02	5.02	0	%100
87	M69	X	-8.856	-8.856	0	%100
88	M69	Z	15.339	15.339	0	%100
89	M87	X	-11.593	-11.593	0	%100
90	M87	Z	20.08	20.08	0	%100
91	M88A	X	-8.856	-8.856	0	%100
92	M88A	Z	15.339	15.339	0	%100
93	M92A	X	-11.593	-11.593	0	%100
94	M92A	Z	20.08	20.08	0	%100
95	M93	X	-8.856	-8.856	0	%100
96	M93	Z	15.339	15.339	0	%100
97	M46	X	-8.695	-8.695	0	%100
98	M46	Z	15.06	15.06	0	%100
99	M80	X	-9.328	-9.328	0	%100
100	M80	Z	16.156	16.156	0	%100
101	M91	X	0	0	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	-8.695	-8.695	0	%100
104	M55	Z	15.06	15.06	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	-9.328	-9.328	0	%100
108	M71	Z	16.156	16.156	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	-9.328	-9.328	0	%100
112	M90	Z	16.156	16.156	0	%100
113	M95	X	-9.328	-9.328	0	%100
114	M95	Z	16.156	16.156	0	%100
115	OVP1	X	-3.753	-3.753	0	%100
116	OVP1	Z	6.5	6.5	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M121	X	-8.799	-8.799	0	%100
2	M121	Z	5.08	5.08	0	%100
3	M122	X	-2.2	-2.2	0	%100
4	M122	Z	1.27	1.27	0	%100
5	M123	X	-2.2	-2.2	0	%100
6	M123	Z	1.27	1.27	0	%100
7	M100	X	-1.987	-1.987	0	%100
8	M100	Z	1.147	1.147	0	%100
9	M105	X	-7.948	-7.948	0	%100
10	M105	Z	4.589	4.589	0	%100
11	M106	X	-1.987	-1.987	0	%100
12	M106	Z	1.147	1.147	0	%100
13	M4	X	-8.923	-8.923	0	%100
14	M4	Z	5.152	5.152	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	-8.923	-8.923	0	%100
18	M76A	Z	5.152	5.152	0	%100
19	M10	X	-2.517	-2.517	0	%100
20	M10	Z	1.453	1.453	0	%100
21	M43	X	-2.517	-2.517	0	%100
22	M43	Z	1.453	1.453	0	%100
23	M53	X	-10.067	-10.067	0	%100
24	M53	Z	5.812	5.812	0	%100
25	M54	X	-10.067	-10.067	0	%100
26	M54	Z	5.812	5.812	0	%100
27	M77A	X	-2.517	-2.517	0	%100
28	M77A	Z	1.453	1.453	0	%100
29	M78	X	-2.517	-2.517	0	%100
30	M78	Z	1.453	1.453	0	%100
31	MP3A	X	-7.948	-7.948	0	%100
32	MP3A	Z	4.589	4.589	0	%100
33	MP4A	X	-7.948	-7.948	0	%100
34	MP4A	Z	4.589	4.589	0	%100
35	MP2A	X	-7.948	-7.948	0	%100
36	MP2A	Z	4.589	4.589	0	%100
37	MP1A	X	-7.948	-7.948	0	%100
38	MP1A	Z	4.589	4.589	0	%100
39	MP3C	X	-7.948	-7.948	0	%100
40	MP3C	Z	4.589	4.589	0	%100
41	MP4C	X	-7.948	-7.948	0	%100
42	MP4C	Z	4.589	4.589	0	%100
43	MP2C	X	-7.948	-7.948	0	%100
44	MP2C	Z	4.589	4.589	0	%100
45	MP1C	X	-7.948	-7.948	0	%100
46	MP1C	Z	4.589	4.589	0	%100
47	MP3B	X	-7.948	-7.948	0	%100
48	MP3B	Z	4.589	4.589	0	%100
49	MP4B	X	-7.948	-7.948	0	%100
50	MP4B	Z	4.589	4.589	0	%100
51	MP2B	X	-7.948	-7.948	0	%100
52	MP2B	Z	4.589	4.589	0	%100
53	MP1B	X	-7.948	-7.948	0	%100
54	MP1B	Z	4.589	4.589	0	%100
55	M51B	X	-11.15	-11.15	0	%100
56	M51B	Z	6.438	6.438	0	%100
57	M52B	X	-2.788	-2.788	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	M52B	Z	1.609	1.609	0 %100
59	M58A	X	-2.788	-2.788	0 %100
60	M58A	Z	1.609	1.609	0 %100
61	M59A	X	-2.788	-2.788	0 %100
62	M59A	Z	1.609	1.609	0 %100
63	M82	X	-2.788	-2.788	0 %100
64	M82	Z	1.609	1.609	0 %100
65	M83A	X	-11.15	-11.15	0 %100
66	M83A	Z	6.438	6.438	0 %100
67	M1	X	-2.928	-2.928	0 %100
68	M1	Z	1.691	1.691	0 %100
69	M82A	X	-11.713	-11.713	0 %100
70	M82A	Z	6.763	6.763	0 %100
71	M91B	X	-2.928	-2.928	0 %100
72	M91B	Z	1.691	1.691	0 %100
73	M76	X	-15.06	-15.06	0 %100
74	M76	Z	8.695	8.695	0 %100
75	M77	X	-20.452	-20.452	0 %100
76	M77	Z	11.808	11.808	0 %100
77	M84	X	-15.06	-15.06	0 %100
78	M84	Z	8.695	8.695	0 %100
79	M85	X	-5.113	-5.113	0 %100
80	M85	Z	2.952	2.952	0 %100
81	M63	X	0	0	0 %100
82	M63	Z	0	0	0 %100
83	M64	X	-5.113	-5.113	0 %100
84	M64	Z	2.952	2.952	0 %100
85	M68	X	0	0	0 %100
86	M68	Z	0	0	0 %100
87	M69	X	-5.113	-5.113	0 %100
88	M69	Z	2.952	2.952	0 %100
89	M87	X	-15.06	-15.06	0 %100
90	M87	Z	8.695	8.695	0 %100
91	M88A	X	-5.113	-5.113	0 %100
92	M88A	Z	2.952	2.952	0 %100
93	M92A	X	-15.06	-15.06	0 %100
94	M92A	Z	8.695	8.695	0 %100
95	M93	X	-20.452	-20.452	0 %100
96	M93	Z	11.808	11.808	0 %100
97	M46	X	-5.02	-5.02	0 %100
98	M46	Z	2.898	2.898	0 %100
99	M80	X	-21.542	-21.542	0 %100
100	M80	Z	12.437	12.437	0 %100
101	M91	X	-5.385	-5.385	0 %100
102	M91	Z	3.109	3.109	0 %100
103	M55	X	-20.08	-20.08	0 %100
104	M55	Z	11.593	11.593	0 %100
105	M66	X	-5.385	-5.385	0 %100
106	M66	Z	3.109	3.109	0 %100
107	M71	X	-5.385	-5.385	0 %100
108	M71	Z	3.109	3.109	0 %100
109	M79A	X	-5.02	-5.02	0 %100
110	M79A	Z	2.898	2.898	0 %100
111	M90	X	-5.385	-5.385	0 %100
112	M90	Z	3.109	3.109	0 %100
113	M95	X	-21.542	-21.542	0 %100
114	M95	Z	12.437	12.437	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
115	OVP1	X	-6.5	-6.5	0	%100
116	OVP1	Z	3.753	3.753	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	-7.62	-7.62	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	0	0	0	%100
5	M123	X	-7.62	-7.62	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	0	0	0	%100
9	M105	X	-6.884	-6.884	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	-6.884	-6.884	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	-13.738	-13.738	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	-3.434	-3.434	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	-3.434	-3.434	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	0	0	0	%100
23	M53	X	-8.718	-8.718	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	-8.718	-8.718	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	-8.718	-8.718	0	%100
28	M77A	Z	0	0	0	%100
29	M78	X	-8.718	-8.718	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	-9.178	-9.178	0	%100
32	MP3A	Z	0	0	0	%100
33	MP4A	X	-9.178	-9.178	0	%100
34	MP4A	Z	0	0	0	%100
35	MP2A	X	-9.178	-9.178	0	%100
36	MP2A	Z	0	0	0	%100
37	MP1A	X	-9.178	-9.178	0	%100
38	MP1A	Z	0	0	0	%100
39	MP3C	X	-9.178	-9.178	0	%100
40	MP3C	Z	0	0	0	%100
41	MP4C	X	-9.178	-9.178	0	%100
42	MP4C	Z	0	0	0	%100
43	MP2C	X	-9.178	-9.178	0	%100
44	MP2C	Z	0	0	0	%100
45	MP1C	X	-9.178	-9.178	0	%100
46	MP1C	Z	0	0	0	%100
47	MP3B	X	-9.178	-9.178	0	%100
48	MP3B	Z	0	0	0	%100
49	MP4B	X	-9.178	-9.178	0	%100
50	MP4B	Z	0	0	0	%100
51	MP2B	X	-9.178	-9.178	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
52	MP2B	Z	0	0	%100
53	MP1B	X	-9.178	-9.178	%100
54	MP1B	Z	0	0	%100
55	M51B	X	-9.656	-9.656	%100
56	M51B	Z	0	0	%100
57	M52B	X	-9.656	-9.656	%100
58	M52B	Z	0	0	%100
59	M58A	X	-9.656	-9.656	%100
60	M58A	Z	0	0	%100
61	M59A	X	0	0	%100
62	M59A	Z	0	0	%100
63	M82	X	0	0	%100
64	M82	Z	0	0	%100
65	M83A	X	-9.656	-9.656	%100
66	M83A	Z	0	0	%100
67	M1	X	0	0	%100
68	M1	Z	0	0	%100
69	M82A	X	-10.144	-10.144	%100
70	M82A	Z	0	0	%100
71	M91B	X	-10.144	-10.144	%100
72	M91B	Z	0	0	%100
73	M76	X	-23.187	-23.187	%100
74	M76	Z	0	0	%100
75	M77	X	-17.712	-17.712	%100
76	M77	Z	0	0	%100
77	M84	X	-23.187	-23.187	%100
78	M84	Z	0	0	%100
79	M85	X	-17.712	-17.712	%100
80	M85	Z	0	0	%100
81	M63	X	-5.797	-5.797	%100
82	M63	Z	0	0	%100
83	M64	X	-17.712	-17.712	%100
84	M64	Z	0	0	%100
85	M68	X	-5.797	-5.797	%100
86	M68	Z	0	0	%100
87	M69	X	0	0	%100
88	M69	Z	0	0	%100
89	M87	X	-5.797	-5.797	%100
90	M87	Z	0	0	%100
91	M88A	X	0	0	%100
92	M88A	Z	0	0	%100
93	M92A	X	-5.797	-5.797	%100
94	M92A	Z	0	0	%100
95	M93	X	-17.712	-17.712	%100
96	M93	Z	0	0	%100
97	M46	X	0	0	%100
98	M46	Z	0	0	%100
99	M80	X	-18.656	-18.656	%100
100	M80	Z	0	0	%100
101	M91	X	-18.656	-18.656	%100
102	M91	Z	0	0	%100
103	M55	X	-17.39	-17.39	%100
104	M55	Z	0	0	%100
105	M66	X	-18.656	-18.656	%100
106	M66	Z	0	0	%100
107	M71	X	0	0	%100
108	M71	Z	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft, %]	End Location[ft, %]
109	M79A	X	-17.39	-17.39	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	0	0	0	%100
113	M95	X	-18.656	-18.656	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	-7.505	-7.505	0	%100
116	OVP1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	-2.2	-2.2	0	%100
2	M121	Z	-1.27	-1.27	0	%100
3	M122	X	-2.2	-2.2	0	%100
4	M122	Z	-1.27	-1.27	0	%100
5	M123	X	-8.799	-8.799	0	%100
6	M123	Z	-5.08	-5.08	0	%100
7	M100	X	-1.987	-1.987	0	%100
8	M100	Z	-1.147	-1.147	0	%100
9	M105	X	-1.987	-1.987	0	%100
10	M105	Z	-1.147	-1.147	0	%100
11	M106	X	-7.948	-7.948	0	%100
12	M106	Z	-4.589	-4.589	0	%100
13	M4	X	-8.923	-8.923	0	%100
14	M4	Z	-5.152	-5.152	0	%100
15	M52A	X	-8.923	-8.923	0	%100
16	M52A	Z	-5.152	-5.152	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	-2.517	-2.517	0	%100
20	M10	Z	-1.453	-1.453	0	%100
21	M43	X	-2.517	-2.517	0	%100
22	M43	Z	-1.453	-1.453	0	%100
23	M53	X	-2.517	-2.517	0	%100
24	M53	Z	-1.453	-1.453	0	%100
25	M54	X	-2.517	-2.517	0	%100
26	M54	Z	-1.453	-1.453	0	%100
27	M77A	X	-10.067	-10.067	0	%100
28	M77A	Z	-5.812	-5.812	0	%100
29	M78	X	-10.067	-10.067	0	%100
30	M78	Z	-5.812	-5.812	0	%100
31	MP3A	X	-7.948	-7.948	0	%100
32	MP3A	Z	-4.589	-4.589	0	%100
33	MP4A	X	-7.948	-7.948	0	%100
34	MP4A	Z	-4.589	-4.589	0	%100
35	MP2A	X	-7.948	-7.948	0	%100
36	MP2A	Z	-4.589	-4.589	0	%100
37	MP1A	X	-7.948	-7.948	0	%100
38	MP1A	Z	-4.589	-4.589	0	%100
39	MP3C	X	-7.948	-7.948	0	%100
40	MP3C	Z	-4.589	-4.589	0	%100
41	MP4C	X	-7.948	-7.948	0	%100
42	MP4C	Z	-4.589	-4.589	0	%100
43	MP2C	X	-7.948	-7.948	0	%100
44	MP2C	Z	-4.589	-4.589	0	%100
45	MP1C	X	-7.948	-7.948	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
46	MP1C	Z	-4.589	-4.589	0	%100
47	MP3B	X	-7.948	-7.948	0	%100
48	MP3B	Z	-4.589	-4.589	0	%100
49	MP4B	X	-7.948	-7.948	0	%100
50	MP4B	Z	-4.589	-4.589	0	%100
51	MP2B	X	-7.948	-7.948	0	%100
52	MP2B	Z	-4.589	-4.589	0	%100
53	MP1B	X	-7.948	-7.948	0	%100
54	MP1B	Z	-4.589	-4.589	0	%100
55	M51B	X	-2.788	-2.788	0	%100
56	M51B	Z	-1.609	-1.609	0	%100
57	M52B	X	-11.15	-11.15	0	%100
58	M52B	Z	-6.438	-6.438	0	%100
59	M58A	X	-11.15	-11.15	0	%100
60	M58A	Z	-6.438	-6.438	0	%100
61	M59A	X	-2.788	-2.788	0	%100
62	M59A	Z	-1.609	-1.609	0	%100
63	M82	X	-2.788	-2.788	0	%100
64	M82	Z	-1.609	-1.609	0	%100
65	M83A	X	-2.788	-2.788	0	%100
66	M83A	Z	-1.609	-1.609	0	%100
67	M1	X	-2.928	-2.928	0	%100
68	M1	Z	-1.691	-1.691	0	%100
69	M82A	X	-2.928	-2.928	0	%100
70	M82A	Z	-1.691	-1.691	0	%100
71	M91B	X	-11.713	-11.713	0	%100
72	M91B	Z	-6.763	-6.763	0	%100
73	M76	X	-15.06	-15.06	0	%100
74	M76	Z	-8.695	-8.695	0	%100
75	M77	X	-5.113	-5.113	0	%100
76	M77	Z	-2.952	-2.952	0	%100
77	M84	X	-15.06	-15.06	0	%100
78	M84	Z	-8.695	-8.695	0	%100
79	M85	X	-20.452	-20.452	0	%100
80	M85	Z	-11.808	-11.808	0	%100
81	M63	X	-15.06	-15.06	0	%100
82	M63	Z	-8.695	-8.695	0	%100
83	M64	X	-20.452	-20.452	0	%100
84	M64	Z	-11.808	-11.808	0	%100
85	M68	X	-15.06	-15.06	0	%100
86	M68	Z	-8.695	-8.695	0	%100
87	M69	X	-5.113	-5.113	0	%100
88	M69	Z	-2.952	-2.952	0	%100
89	M87	X	0	0	0	%100
90	M87	Z	0	0	0	%100
91	M88A	X	-5.113	-5.113	0	%100
92	M88A	Z	-2.952	-2.952	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	-5.113	-5.113	0	%100
96	M93	Z	-2.952	-2.952	0	%100
97	M46	X	-5.02	-5.02	0	%100
98	M46	Z	-2.898	-2.898	0	%100
99	M80	X	-5.385	-5.385	0	%100
100	M80	Z	-3.109	-3.109	0	%100
101	M91	X	-21.542	-21.542	0	%100
102	M91	Z	-12.437	-12.437	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
103	M55	X	-5.02	-5.02	0	%100
104	M55	Z	-2.898	-2.898	0	%100
105	M66	X	-21.542	-21.542	0	%100
106	M66	Z	-12.437	-12.437	0	%100
107	M71	X	-5.385	-5.385	0	%100
108	M71	Z	-3.109	-3.109	0	%100
109	M79A	X	-20.08	-20.08	0	%100
110	M79A	Z	-11.593	-11.593	0	%100
111	M90	X	-5.385	-5.385	0	%100
112	M90	Z	-3.109	-3.109	0	%100
113	M95	X	-5.385	-5.385	0	%100
114	M95	Z	-3.109	-3.109	0	%100
115	OVP1	X	-6.5	-6.5	0	%100
116	OVP1	Z	-3.753	-3.753	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	0	0	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	-3.81	-3.81	0	%100
4	M122	Z	-6.599	-6.599	0	%100
5	M123	X	-3.81	-3.81	0	%100
6	M123	Z	-6.599	-6.599	0	%100
7	M100	X	-3.442	-3.442	0	%100
8	M100	Z	-5.961	-5.961	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	-3.442	-3.442	0	%100
12	M106	Z	-5.961	-5.961	0	%100
13	M4	X	-1.717	-1.717	0	%100
14	M4	Z	-2.974	-2.974	0	%100
15	M52A	X	-6.869	-6.869	0	%100
16	M52A	Z	-11.897	-11.897	0	%100
17	M76A	X	-1.717	-1.717	0	%100
18	M76A	Z	-2.974	-2.974	0	%100
19	M10	X	-4.359	-4.359	0	%100
20	M10	Z	-7.55	-7.55	0	%100
21	M43	X	-4.359	-4.359	0	%100
22	M43	Z	-7.55	-7.55	0	%100
23	M53	X	0	0	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	0	0	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	-4.359	-4.359	0	%100
28	M77A	Z	-7.55	-7.55	0	%100
29	M78	X	-4.359	-4.359	0	%100
30	M78	Z	-7.55	-7.55	0	%100
31	MP3A	X	-4.589	-4.589	0	%100
32	MP3A	Z	-7.948	-7.948	0	%100
33	MP4A	X	-4.589	-4.589	0	%100
34	MP4A	Z	-7.948	-7.948	0	%100
35	MP2A	X	-4.589	-4.589	0	%100
36	MP2A	Z	-7.948	-7.948	0	%100
37	MP1A	X	-4.589	-4.589	0	%100
38	MP1A	Z	-7.948	-7.948	0	%100
39	MP3C	X	-4.589	-4.589	0	%100





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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
40	MP3C	Z	-7.948	-7.948	0 %100
41	MP4C	X	-4.589	-4.589	0 %100
42	MP4C	Z	-7.948	-7.948	0 %100
43	MP2C	X	-4.589	-4.589	0 %100
44	MP2C	Z	-7.948	-7.948	0 %100
45	MP1C	X	-4.589	-4.589	0 %100
46	MP1C	Z	-7.948	-7.948	0 %100
47	MP3B	X	-4.589	-4.589	0 %100
48	MP3B	Z	-7.948	-7.948	0 %100
49	MP4B	X	-4.589	-4.589	0 %100
50	MP4B	Z	-7.948	-7.948	0 %100
51	MP2B	X	-4.589	-4.589	0 %100
52	MP2B	Z	-7.948	-7.948	0 %100
53	MP1B	X	-4.589	-4.589	0 %100
54	MP1B	Z	-7.948	-7.948	0 %100
55	M51B	X	0	0	0 %100
56	M51B	Z	0	0	0 %100
57	M52B	X	-4.828	-4.828	0 %100
58	M52B	Z	-8.363	-8.363	0 %100
59	M58A	X	-4.828	-4.828	0 %100
60	M58A	Z	-8.363	-8.363	0 %100
61	M59A	X	-4.828	-4.828	0 %100
62	M59A	Z	-8.363	-8.363	0 %100
63	M82	X	-4.828	-4.828	0 %100
64	M82	Z	-8.363	-8.363	0 %100
65	M83A	X	0	0	0 %100
66	M83A	Z	0	0	0 %100
67	M1	X	-5.072	-5.072	0 %100
68	M1	Z	-8.785	-8.785	0 %100
69	M82A	X	0	0	0 %100
70	M82A	Z	0	0	0 %100
71	M91B	X	-5.072	-5.072	0 %100
72	M91B	Z	-8.785	-8.785	0 %100
73	M76	X	-2.898	-2.898	0 %100
74	M76	Z	-5.02	-5.02	0 %100
75	M77	X	0	0	0 %100
76	M77	Z	0	0	0 %100
77	M84	X	-2.898	-2.898	0 %100
78	M84	Z	-5.02	-5.02	0 %100
79	M85	X	-8.856	-8.856	0 %100
80	M85	Z	-15.339	-15.339	0 %100
81	M63	X	-11.593	-11.593	0 %100
82	M63	Z	-20.08	-20.08	0 %100
83	M64	X	-8.856	-8.856	0 %100
84	M64	Z	-15.339	-15.339	0 %100
85	M68	X	-11.593	-11.593	0 %100
86	M68	Z	-20.08	-20.08	0 %100
87	M69	X	-8.856	-8.856	0 %100
88	M69	Z	-15.339	-15.339	0 %100
89	M87	X	-2.898	-2.898	0 %100
90	M87	Z	-5.02	-5.02	0 %100
91	M88A	X	-8.856	-8.856	0 %100
92	M88A	Z	-15.339	-15.339	0 %100
93	M92A	X	-2.898	-2.898	0 %100
94	M92A	Z	-5.02	-5.02	0 %100
95	M93	X	0	0	0 %100
96	M93	Z	0	0	0 %100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft.%]	End Location[ft.%]
97	M46	X	-8.695	-8.695	0	%100
98	M46	Z	-15.06	-15.06	0	%100
99	M80	X	0	0	0	%100
100	M80	Z	0	0	0	%100
101	M91	X	-9.328	-9.328	0	%100
102	M91	Z	-16.156	-16.156	0	%100
103	M55	X	0	0	0	%100
104	M55	Z	0	0	0	%100
105	M66	X	-9.328	-9.328	0	%100
106	M66	Z	-16.156	-16.156	0	%100
107	M71	X	-9.328	-9.328	0	%100
108	M71	Z	-16.156	-16.156	0	%100
109	M79A	X	-8.695	-8.695	0	%100
110	M79A	Z	-15.06	-15.06	0	%100
111	M90	X	-9.328	-9.328	0	%100
112	M90	Z	-16.156	-16.156	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	-3.753	-3.753	0	%100
116	OVP1	Z	-6.5	-6.5	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	0	0	0	%100
2	M121	Z	-674	-674	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	-2.695	-2.695	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	-674	-674	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	-3.102	-3.102	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	-776	-776	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	-776	-776	0	%100
13	M4	X	0	0	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	-2.92	-2.92	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	-2.92	-2.92	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-3.182	-3.182	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	-3.182	-3.182	0	%100
23	M53	X	0	0	0	%100
24	M53	Z	-796	-796	0	%100
25	M54	X	0	0	0	%100
26	M54	Z	-796	-796	0	%100
27	M77A	X	0	0	0	%100
28	M77A	Z	-796	-796	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	-796	-796	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	-3.102	-3.102	0	%100
33	MP4A	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
34	MP4A	Z	-3.102	-3.102	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	-3.102	-3.102	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	-3.102	-3.102	0	%100
39	MP3C	X	0	0	0	%100
40	MP3C	Z	-3.102	-3.102	0	%100
41	MP4C	X	0	0	0	%100
42	MP4C	Z	-3.102	-3.102	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	-3.102	-3.102	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	-3.102	-3.102	0	%100
47	MP3B	X	0	0	0	%100
48	MP3B	Z	-3.102	-3.102	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	-3.102	-3.102	0	%100
51	MP2B	X	0	0	0	%100
52	MP2B	Z	-3.102	-3.102	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	-3.102	-3.102	0	%100
55	M51B	X	0	0	0	%100
56	M51B	Z	-0.916	-0.916	0	%100
57	M52B	X	0	0	0	%100
58	M52B	Z	-0.916	-0.916	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-0.916	-0.916	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-3.666	-3.666	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	-3.666	-3.666	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	-0.916	-0.916	0	%100
67	M1	X	0	0	0	%100
68	M1	Z	-3.857	-3.857	0	%100
69	M82A	X	0	0	0	%100
70	M82A	Z	-0.964	-0.964	0	%100
71	M91B	X	0	0	0	%100
72	M91B	Z	-0.964	-0.964	0	%100
73	M76	X	0	0	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	-1.245	-1.245	0	%100
77	M84	X	0	0	0	%100
78	M84	Z	0	0	0	%100
79	M85	X	0	0	0	%100
80	M85	Z	-1.245	-1.245	0	%100
81	M63	X	0	0	0	%100
82	M63	Z	-3.679	-3.679	0	%100
83	M64	X	0	0	0	%100
84	M64	Z	-1.245	-1.245	0	%100
85	M68	X	0	0	0	%100
86	M68	Z	-3.679	-3.679	0	%100
87	M69	X	0	0	0	%100
88	M69	Z	-4.98	-4.98	0	%100
89	M87	X	0	0	0	%100
90	M87	Z	-3.679	-3.679	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
91	M88A	X	0	0	0	%100
92	M88A	Z	-4.98	-4.98	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	-3.679	-3.679	0	%100
95	M93	X	0	0	0	%100
96	M93	Z	-1.245	-1.245	0	%100
97	M46	X	0	0	0	%100
98	M46	Z	-4.989	-4.989	0	%100
99	M80	X	0	0	0	%100
100	M80	Z	-1.3	-1.3	0	%100
101	M91	X	0	0	0	%100
102	M91	Z	-1.3	-1.3	0	%100
103	M55	X	0	0	0	%100
104	M55	Z	-1.247	-1.247	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	-1.3	-1.3	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	-5.198	-5.198	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	-1.247	-1.247	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	-5.198	-5.198	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	-1.3	-1.3	0	%100
115	OVP1	X	0	0	0	%100
116	OVP1	Z	-2.56	-2.56	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	1.011	1.011	0	%100
2	M121	Z	-1.75	-1.75	0	%100
3	M122	X	1.011	1.011	0	%100
4	M122	Z	-1.75	-1.75	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	1.163	1.163	0	%100
8	M100	Z	-2.015	-2.015	0	%100
9	M105	X	1.163	1.163	0	%100
10	M105	Z	-2.015	-2.015	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	.487	.487	0	%100
14	M4	Z	-.843	-.843	0	%100
15	M52A	X	.487	.487	0	%100
16	M52A	Z	-.843	-.843	0	%100
17	M76A	X	1.947	1.947	0	%100
18	M76A	Z	-3.372	-3.372	0	%100
19	M10	X	1.193	1.193	0	%100
20	M10	Z	-2.067	-2.067	0	%100
21	M43	X	1.193	1.193	0	%100
22	M43	Z	-2.067	-2.067	0	%100
23	M53	X	1.193	1.193	0	%100
24	M53	Z	-2.067	-2.067	0	%100
25	M54	X	1.193	1.193	0	%100
26	M54	Z	-2.067	-2.067	0	%100
27	M77A	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
28	M77A	Z	0	0	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	1.551	1.551	0	%100
32	MP3A	Z	-2.686	-2.686	0	%100
33	MP4A	X	1.551	1.551	0	%100
34	MP4A	Z	-2.686	-2.686	0	%100
35	MP2A	X	1.551	1.551	0	%100
36	MP2A	Z	-2.686	-2.686	0	%100
37	MP1A	X	1.551	1.551	0	%100
38	MP1A	Z	-2.686	-2.686	0	%100
39	MP3C	X	1.551	1.551	0	%100
40	MP3C	Z	-2.686	-2.686	0	%100
41	MP4C	X	1.551	1.551	0	%100
42	MP4C	Z	-2.686	-2.686	0	%100
43	MP2C	X	1.551	1.551	0	%100
44	MP2C	Z	-2.686	-2.686	0	%100
45	MP1C	X	1.551	1.551	0	%100
46	MP1C	Z	-2.686	-2.686	0	%100
47	MP3B	X	1.551	1.551	0	%100
48	MP3B	Z	-2.686	-2.686	0	%100
49	MP4B	X	1.551	1.551	0	%100
50	MP4B	Z	-2.686	-2.686	0	%100
51	MP2B	X	1.551	1.551	0	%100
52	MP2B	Z	-2.686	-2.686	0	%100
53	MP1B	X	1.551	1.551	0	%100
54	MP1B	Z	-2.686	-2.686	0	%100
55	M51B	X	1.375	1.375	0	%100
56	M51B	Z	-2.381	-2.381	0	%100
57	M52B	X	0	0	0	%100
58	M52B	Z	0	0	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	1.375	1.375	0	%100
62	M59A	Z	-2.381	-2.381	0	%100
63	M82	X	1.375	1.375	0	%100
64	M82	Z	-2.381	-2.381	0	%100
65	M83A	X	1.375	1.375	0	%100
66	M83A	Z	-2.381	-2.381	0	%100
67	M1	X	1.446	1.446	0	%100
68	M1	Z	-2.505	-2.505	0	%100
69	M82A	X	1.446	1.446	0	%100
70	M82A	Z	-2.505	-2.505	0	%100
71	M91B	X	0	0	0	%100
72	M91B	Z	0	0	0	%100
73	M76	X	.613	.613	0	%100
74	M76	Z	-1.062	-1.062	0	%100
75	M77	X	1.868	1.868	0	%100
76	M77	Z	-3.235	-3.235	0	%100
77	M84	X	.613	.613	0	%100
78	M84	Z	-1.062	-1.062	0	%100
79	M85	X	0	0	0	%100
80	M85	Z	0	0	0	%100
81	M63	X	.613	.613	0	%100
82	M63	Z	-1.062	-1.062	0	%100
83	M64	X	0	0	0	%100
84	M64	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
85	M68	X	.613	.613	0	%100
86	M68	Z	-1.062	-1.062	0	%100
87	M69	X	1.868	1.868	0	%100
88	M69	Z	-3.235	-3.235	0	%100
89	M87	X	2.453	2.453	0	%100
90	M87	Z	-4.248	-4.248	0	%100
91	M88A	X	1.868	1.868	0	%100
92	M88A	Z	-3.235	-3.235	0	%100
93	M92A	X	2.453	2.453	0	%100
94	M92A	Z	-4.248	-4.248	0	%100
95	M93	X	1.868	1.868	0	%100
96	M93	Z	-3.235	-3.235	0	%100
97	M46	X	1.871	1.871	0	%100
98	M46	Z	-3.241	-3.241	0	%100
99	M80	X	1.949	1.949	0	%100
100	M80	Z	-3.376	-3.376	0	%100
101	M91	X	0	0	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	1.871	1.871	0	%100
104	M55	Z	-3.241	-3.241	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	1.949	1.949	0	%100
108	M71	Z	-3.376	-3.376	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	1.949	1.949	0	%100
112	M90	Z	-3.376	-3.376	0	%100
113	M95	X	1.949	1.949	0	%100
114	M95	Z	-3.376	-3.376	0	%100
115	OVP1	X	1.28	1.28	0	%100
116	OVP1	Z	-2.217	-2.217	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	2.334	2.334	0	%100
2	M121	Z	-1.348	-1.348	0	%100
3	M122	X	.583	.583	0	%100
4	M122	Z	-.337	-.337	0	%100
5	M123	X	.583	.583	0	%100
6	M123	Z	-.337	-.337	0	%100
7	M100	X	.672	.672	0	%100
8	M100	Z	-.388	-.388	0	%100
9	M105	X	2.686	2.686	0	%100
10	M105	Z	-1.551	-1.551	0	%100
11	M106	X	.672	.672	0	%100
12	M106	Z	-.388	-.388	0	%100
13	M4	X	2.529	2.529	0	%100
14	M4	Z	-1.46	-1.46	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	2.529	2.529	0	%100
18	M76A	Z	-1.46	-1.46	0	%100
19	M10	X	.689	.689	0	%100
20	M10	Z	-.398	-.398	0	%100
21	M43	X	.689	.689	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
22	M43	Z	-.398	-.398	0 %100
23	M53	X	2.756	2.756	0 %100
24	M53	Z	-1.591	-1.591	0 %100
25	M54	X	2.756	2.756	0 %100
26	M54	Z	-1.591	-1.591	0 %100
27	M77A	X	.689	.689	0 %100
28	M77A	Z	-.398	-.398	0 %100
29	M78	X	.689	.689	0 %100
30	M78	Z	-.398	-.398	0 %100
31	MP3A	X	2.686	2.686	0 %100
32	MP3A	Z	-1.551	-1.551	0 %100
33	MP4A	X	2.686	2.686	0 %100
34	MP4A	Z	-1.551	-1.551	0 %100
35	MP2A	X	2.686	2.686	0 %100
36	MP2A	Z	-1.551	-1.551	0 %100
37	MP1A	X	2.686	2.686	0 %100
38	MP1A	Z	-1.551	-1.551	0 %100
39	MP3C	X	2.686	2.686	0 %100
40	MP3C	Z	-1.551	-1.551	0 %100
41	MP4C	X	2.686	2.686	0 %100
42	MP4C	Z	-1.551	-1.551	0 %100
43	MP2C	X	2.686	2.686	0 %100
44	MP2C	Z	-1.551	-1.551	0 %100
45	MP1C	X	2.686	2.686	0 %100
46	MP1C	Z	-1.551	-1.551	0 %100
47	MP3B	X	2.686	2.686	0 %100
48	MP3B	Z	-1.551	-1.551	0 %100
49	MP4B	X	2.686	2.686	0 %100
50	MP4B	Z	-1.551	-1.551	0 %100
51	MP2B	X	2.686	2.686	0 %100
52	MP2B	Z	-1.551	-1.551	0 %100
53	MP1B	X	2.686	2.686	0 %100
54	MP1B	Z	-1.551	-1.551	0 %100
55	M51B	X	3.175	3.175	0 %100
56	M51B	Z	-1.833	-1.833	0 %100
57	M52B	X	.794	.794	0 %100
58	M52B	Z	-.458	-.458	0 %100
59	M58A	X	.794	.794	0 %100
60	M58A	Z	-.458	-.458	0 %100
61	M59A	X	.794	.794	0 %100
62	M59A	Z	-.458	-.458	0 %100
63	M82	X	.794	.794	0 %100
64	M82	Z	-.458	-.458	0 %100
65	M83A	X	3.175	3.175	0 %100
66	M83A	Z	-1.833	-1.833	0 %100
67	M1	X	.835	.835	0 %100
68	M1	Z	-.482	-.482	0 %100
69	M82A	X	3.34	3.34	0 %100
70	M82A	Z	-1.928	-1.928	0 %100
71	M91B	X	.835	.835	0 %100
72	M91B	Z	-.482	-.482	0 %100
73	M76	X	3.186	3.186	0 %100
74	M76	Z	-1.84	-1.84	0 %100
75	M77	X	4.313	4.313	0 %100
76	M77	Z	-2.49	-2.49	0 %100
77	M84	X	3.186	3.186	0 %100
78	M84	Z	-1.84	-1.84	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%,]	End Location[ft.%,]
79	M85	X	1.078	1.078	0	%100
80	M85	Z	-0.623	-0.623	0	%100
81	M63	X	0	0	0	%100
82	M63	Z	0	0	0	%100
83	M64	X	1.078	1.078	0	%100
84	M64	Z	-0.623	-0.623	0	%100
85	M68	X	0	0	0	%100
86	M68	Z	0	0	0	%100
87	M69	X	1.078	1.078	0	%100
88	M69	Z	-0.623	-0.623	0	%100
89	M87	X	3.186	3.186	0	%100
90	M87	Z	-1.84	-1.84	0	%100
91	M88A	X	1.078	1.078	0	%100
92	M88A	Z	-0.623	-0.623	0	%100
93	M92A	X	3.186	3.186	0	%100
94	M92A	Z	-1.84	-1.84	0	%100
95	M93	X	4.313	4.313	0	%100
96	M93	Z	-2.49	-2.49	0	%100
97	M46	X	1.08	1.08	0	%100
98	M46	Z	-0.624	-0.624	0	%100
99	M80	X	4.502	4.502	0	%100
100	M80	Z	-2.599	-2.599	0	%100
101	M91	X	1.125	1.125	0	%100
102	M91	Z	-0.65	-0.65	0	%100
103	M55	X	4.321	4.321	0	%100
104	M55	Z	-2.495	-2.495	0	%100
105	M66	X	1.125	1.125	0	%100
106	M66	Z	-0.65	-0.65	0	%100
107	M71	X	1.125	1.125	0	%100
108	M71	Z	-0.65	-0.65	0	%100
109	M79A	X	1.08	1.08	0	%100
110	M79A	Z	-0.624	-0.624	0	%100
111	M90	X	1.125	1.125	0	%100
112	M90	Z	-0.65	-0.65	0	%100
113	M95	X	4.502	4.502	0	%100
114	M95	Z	-2.599	-2.599	0	%100
115	OVP1	X	2.217	2.217	0	%100
116	OVP1	Z	-1.28	-1.28	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%,]	End Location[ft.%,]
1	M121	X	2.021	2.021	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	0	0	0	%100
5	M123	X	2.021	2.021	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	0	0	0	%100
9	M105	X	2.327	2.327	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	2.327	2.327	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	3.894	3.894	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	.973	.973	0	%100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
16	M52A	Z	0	0	0	%100
17	M76A	X	.973	.973	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	0	0	0	%100
23	M53	X	2.387	2.387	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	2.387	2.387	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	2.387	2.387	0	%100
28	M77A	Z	0	0	0	%100
29	M78	X	2.387	2.387	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	3.102	3.102	0	%100
32	MP3A	Z	0	0	0	%100
33	MP4A	X	3.102	3.102	0	%100
34	MP4A	Z	0	0	0	%100
35	MP2A	X	3.102	3.102	0	%100
36	MP2A	Z	0	0	0	%100
37	MP1A	X	3.102	3.102	0	%100
38	MP1A	Z	0	0	0	%100
39	MP3C	X	3.102	3.102	0	%100
40	MP3C	Z	0	0	0	%100
41	MP4C	X	3.102	3.102	0	%100
42	MP4C	Z	0	0	0	%100
43	MP2C	X	3.102	3.102	0	%100
44	MP2C	Z	0	0	0	%100
45	MP1C	X	3.102	3.102	0	%100
46	MP1C	Z	0	0	0	%100
47	MP3B	X	3.102	3.102	0	%100
48	MP3B	Z	0	0	0	%100
49	MP4B	X	3.102	3.102	0	%100
50	MP4B	Z	0	0	0	%100
51	MP2B	X	3.102	3.102	0	%100
52	MP2B	Z	0	0	0	%100
53	MP1B	X	3.102	3.102	0	%100
54	MP1B	Z	0	0	0	%100
55	M51B	X	2.749	2.749	0	%100
56	M51B	Z	0	0	0	%100
57	M52B	X	2.749	2.749	0	%100
58	M52B	Z	0	0	0	%100
59	M58A	X	2.749	2.749	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	0	0	0	%100
65	M83A	X	2.749	2.749	0	%100
66	M83A	Z	0	0	0	%100
67	M1	X	0	0	0	%100
68	M1	Z	0	0	0	%100
69	M82A	X	2.893	2.893	0	%100
70	M82A	Z	0	0	0	%100
71	M91B	X	2.893	2.893	0	%100
72	M91B	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
73	M76	X	4.905	4.905	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	3.735	3.735	0	%100
76	M77	Z	0	0	0	%100
77	M84	X	4.905	4.905	0	%100
78	M84	Z	0	0	0	%100
79	M85	X	3.735	3.735	0	%100
80	M85	Z	0	0	0	%100
81	M63	X	1.226	1.226	0	%100
82	M63	Z	0	0	0	%100
83	M64	X	3.735	3.735	0	%100
84	M64	Z	0	0	0	%100
85	M68	X	1.226	1.226	0	%100
86	M68	Z	0	0	0	%100
87	M69	X	0	0	0	%100
88	M69	Z	0	0	0	%100
89	M87	X	1.226	1.226	0	%100
90	M87	Z	0	0	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	0	0	0	%100
93	M92A	X	1.226	1.226	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	3.735	3.735	0	%100
96	M93	Z	0	0	0	%100
97	M46	X	0	0	0	%100
98	M46	Z	0	0	0	%100
99	M80	X	3.899	3.899	0	%100
100	M80	Z	0	0	0	%100
101	M91	X	3.899	3.899	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	3.742	3.742	0	%100
104	M55	Z	0	0	0	%100
105	M66	X	3.899	3.899	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	0	0	0	%100
109	M79A	X	3.742	3.742	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	0	0	0	%100
113	M95	X	3.899	3.899	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	2.56	2.56	0	%100
116	OVP1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	.583	.583	0	%100
2	M121	Z	.337	.337	0	%100
3	M122	X	.583	.583	0	%100
4	M122	Z	.337	.337	0	%100
5	M123	X	2.334	2.334	0	%100
6	M123	Z	1.348	1.348	0	%100
7	M100	X	.672	.672	0	%100
8	M100	Z	.388	.388	0	%100
9	M105	X	.672	.672	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft,%]	End Location[ft,%]
10	M105	Z	.388	.388	0	%100
11	M106	X	2.686	2.686	0	%100
12	M106	Z	1.551	1.551	0	%100
13	M4	X	2.529	2.529	0	%100
14	M4	Z	1.46	1.46	0	%100
15	M52A	X	2.529	2.529	0	%100
16	M52A	Z	1.46	1.46	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	.689	.689	0	%100
20	M10	Z	.398	.398	0	%100
21	M43	X	.689	.689	0	%100
22	M43	Z	.398	.398	0	%100
23	M53	X	.689	.689	0	%100
24	M53	Z	.398	.398	0	%100
25	M54	X	.689	.689	0	%100
26	M54	Z	.398	.398	0	%100
27	M77A	X	2.756	2.756	0	%100
28	M77A	Z	1.591	1.591	0	%100
29	M78	X	2.756	2.756	0	%100
30	M78	Z	1.591	1.591	0	%100
31	MP3A	X	2.686	2.686	0	%100
32	MP3A	Z	1.551	1.551	0	%100
33	MP4A	X	2.686	2.686	0	%100
34	MP4A	Z	1.551	1.551	0	%100
35	MP2A	X	2.686	2.686	0	%100
36	MP2A	Z	1.551	1.551	0	%100
37	MP1A	X	2.686	2.686	0	%100
38	MP1A	Z	1.551	1.551	0	%100
39	MP3C	X	2.686	2.686	0	%100
40	MP3C	Z	1.551	1.551	0	%100
41	MP4C	X	2.686	2.686	0	%100
42	MP4C	Z	1.551	1.551	0	%100
43	MP2C	X	2.686	2.686	0	%100
44	MP2C	Z	1.551	1.551	0	%100
45	MP1C	X	2.686	2.686	0	%100
46	MP1C	Z	1.551	1.551	0	%100
47	MP3B	X	2.686	2.686	0	%100
48	MP3B	Z	1.551	1.551	0	%100
49	MP4B	X	2.686	2.686	0	%100
50	MP4B	Z	1.551	1.551	0	%100
51	MP2B	X	2.686	2.686	0	%100
52	MP2B	Z	1.551	1.551	0	%100
53	MP1B	X	2.686	2.686	0	%100
54	MP1B	Z	1.551	1.551	0	%100
55	M51B	X	.794	.794	0	%100
56	M51B	Z	.458	.458	0	%100
57	M52B	X	3.175	3.175	0	%100
58	M52B	Z	1.833	1.833	0	%100
59	M58A	X	3.175	3.175	0	%100
60	M58A	Z	1.833	1.833	0	%100
61	M59A	X	.794	.794	0	%100
62	M59A	Z	.458	.458	0	%100
63	M82	X	.794	.794	0	%100
64	M82	Z	.458	.458	0	%100
65	M83A	X	.794	.794	0	%100
66	M83A	Z	.458	.458	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft.%]	End Location[ft.%]
67	M1	X	.835	.835	0	%100
68	M1	Z	.482	.482	0	%100
69	M82A	X	.835	.835	0	%100
70	M82A	Z	.482	.482	0	%100
71	M91B	X	3.34	3.34	0	%100
72	M91B	Z	1.928	1.928	0	%100
73	M76	X	3.186	3.186	0	%100
74	M76	Z	1.84	1.84	0	%100
75	M77	X	1.078	1.078	0	%100
76	M77	Z	.623	.623	0	%100
77	M84	X	3.186	3.186	0	%100
78	M84	Z	1.84	1.84	0	%100
79	M85	X	4.313	4.313	0	%100
80	M85	Z	2.49	2.49	0	%100
81	M63	X	3.186	3.186	0	%100
82	M63	Z	1.84	1.84	0	%100
83	M64	X	4.313	4.313	0	%100
84	M64	Z	2.49	2.49	0	%100
85	M68	X	3.186	3.186	0	%100
86	M68	Z	1.84	1.84	0	%100
87	M69	X	1.078	1.078	0	%100
88	M69	Z	.623	.623	0	%100
89	M87	X	0	0	0	%100
90	M87	Z	0	0	0	%100
91	M88A	X	1.078	1.078	0	%100
92	M88A	Z	.623	.623	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	1.078	1.078	0	%100
96	M93	Z	.623	.623	0	%100
97	M46	X	1.08	1.08	0	%100
98	M46	Z	.624	.624	0	%100
99	M80	X	1.125	1.125	0	%100
100	M80	Z	.65	.65	0	%100
101	M91	X	4.502	4.502	0	%100
102	M91	Z	2.599	2.599	0	%100
103	M55	X	1.08	1.08	0	%100
104	M55	Z	.624	.624	0	%100
105	M66	X	4.502	4.502	0	%100
106	M66	Z	2.599	2.599	0	%100
107	M71	X	1.125	1.125	0	%100
108	M71	Z	.65	.65	0	%100
109	M79A	X	4.321	4.321	0	%100
110	M79A	Z	2.495	2.495	0	%100
111	M90	X	1.125	1.125	0	%100
112	M90	Z	.65	.65	0	%100
113	M95	X	1.125	1.125	0	%100
114	M95	Z	.65	.65	0	%100
115	OVP1	X	2.217	2.217	0	%100
116	OVP1	Z	1.28	1.28	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	0	0	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	1.011	1.011	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
4	M122	Z	1.75	1.75	0	%100
5	M123	X	1.011	1.011	0	%100
6	M123	Z	1.75	1.75	0	%100
7	M100	X	1.163	1.163	0	%100
8	M100	Z	2.015	2.015	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	1.163	1.163	0	%100
12	M106	Z	2.015	2.015	0	%100
13	M4	X	.487	.487	0	%100
14	M4	Z	.843	.843	0	%100
15	M52A	X	1.947	1.947	0	%100
16	M52A	Z	3.372	3.372	0	%100
17	M76A	X	.487	.487	0	%100
18	M76A	Z	.843	.843	0	%100
19	M10	X	1.193	1.193	0	%100
20	M10	Z	2.067	2.067	0	%100
21	M43	X	1.193	1.193	0	%100
22	M43	Z	2.067	2.067	0	%100
23	M53	X	0	0	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	0	0	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	1.193	1.193	0	%100
28	M77A	Z	2.067	2.067	0	%100
29	M78	X	1.193	1.193	0	%100
30	M78	Z	2.067	2.067	0	%100
31	MP3A	X	1.551	1.551	0	%100
32	MP3A	Z	2.686	2.686	0	%100
33	MP4A	X	1.551	1.551	0	%100
34	MP4A	Z	2.686	2.686	0	%100
35	MP2A	X	1.551	1.551	0	%100
36	MP2A	Z	2.686	2.686	0	%100
37	MP1A	X	1.551	1.551	0	%100
38	MP1A	Z	2.686	2.686	0	%100
39	MP3C	X	1.551	1.551	0	%100
40	MP3C	Z	2.686	2.686	0	%100
41	MP4C	X	1.551	1.551	0	%100
42	MP4C	Z	2.686	2.686	0	%100
43	MP2C	X	1.551	1.551	0	%100
44	MP2C	Z	2.686	2.686	0	%100
45	MP1C	X	1.551	1.551	0	%100
46	MP1C	Z	2.686	2.686	0	%100
47	MP3B	X	1.551	1.551	0	%100
48	MP3B	Z	2.686	2.686	0	%100
49	MP4B	X	1.551	1.551	0	%100
50	MP4B	Z	2.686	2.686	0	%100
51	MP2B	X	1.551	1.551	0	%100
52	MP2B	Z	2.686	2.686	0	%100
53	MP1B	X	1.551	1.551	0	%100
54	MP1B	Z	2.686	2.686	0	%100
55	M51B	X	0	0	0	%100
56	M51B	Z	0	0	0	%100
57	M52B	X	1.375	1.375	0	%100
58	M52B	Z	2.381	2.381	0	%100
59	M58A	X	1.375	1.375	0	%100
60	M58A	Z	2.381	2.381	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
61	M59A	X	1.375	1.375	0 %100
62	M59A	Z	2.381	2.381	0 %100
63	M82	X	1.375	1.375	0 %100
64	M82	Z	2.381	2.381	0 %100
65	M83A	X	0	0	0 %100
66	M83A	Z	0	0	0 %100
67	M1	X	1.446	1.446	0 %100
68	M1	Z	2.505	2.505	0 %100
69	M82A	X	0	0	0 %100
70	M82A	Z	0	0	0 %100
71	M91B	X	1.446	1.446	0 %100
72	M91B	Z	2.505	2.505	0 %100
73	M76	X	.613	.613	0 %100
74	M76	Z	1.062	1.062	0 %100
75	M77	X	0	0	0 %100
76	M77	Z	0	0	0 %100
77	M84	X	.613	.613	0 %100
78	M84	Z	1.062	1.062	0 %100
79	M85	X	1.868	1.868	0 %100
80	M85	Z	3.235	3.235	0 %100
81	M63	X	2.453	2.453	0 %100
82	M63	Z	4.248	4.248	0 %100
83	M64	X	1.868	1.868	0 %100
84	M64	Z	3.235	3.235	0 %100
85	M68	X	2.453	2.453	0 %100
86	M68	Z	4.248	4.248	0 %100
87	M69	X	1.868	1.868	0 %100
88	M69	Z	3.235	3.235	0 %100
89	M87	X	.613	.613	0 %100
90	M87	Z	1.062	1.062	0 %100
91	M88A	X	1.868	1.868	0 %100
92	M88A	Z	3.235	3.235	0 %100
93	M92A	X	.613	.613	0 %100
94	M92A	Z	1.062	1.062	0 %100
95	M93	X	0	0	0 %100
96	M93	Z	0	0	0 %100
97	M46	X	1.871	1.871	0 %100
98	M46	Z	3.241	3.241	0 %100
99	M80	X	0	0	0 %100
100	M80	Z	0	0	0 %100
101	M91	X	1.949	1.949	0 %100
102	M91	Z	3.376	3.376	0 %100
103	M55	X	0	0	0 %100
104	M55	Z	0	0	0 %100
105	M66	X	1.949	1.949	0 %100
106	M66	Z	3.376	3.376	0 %100
107	M71	X	1.949	1.949	0 %100
108	M71	Z	3.376	3.376	0 %100
109	M79A	X	1.871	1.871	0 %100
110	M79A	Z	3.241	3.241	0 %100
111	M90	X	1.949	1.949	0 %100
112	M90	Z	3.376	3.376	0 %100
113	M95	X	0	0	0 %100
114	M95	Z	0	0	0 %100
115	OVP1	X	1.28	1.28	0 %100
116	OVP1	Z	2.217	2.217	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	0	0	0	%100
2	M121	Z	.674	.674	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	2.695	2.695	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	.674	.674	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	3.102	3.102	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	.776	.776	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	.776	.776	0	%100
13	M4	X	0	0	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	2.92	2.92	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	2.92	2.92	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	3.182	3.182	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	3.182	3.182	0	%100
23	M53	X	0	0	0	%100
24	M53	Z	.796	.796	0	%100
25	M54	X	0	0	0	%100
26	M54	Z	.796	.796	0	%100
27	M77A	X	0	0	0	%100
28	M77A	Z	.796	.796	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	.796	.796	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	3.102	3.102	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	3.102	3.102	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	3.102	3.102	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	3.102	3.102	0	%100
39	MP3C	X	0	0	0	%100
40	MP3C	Z	3.102	3.102	0	%100
41	MP4C	X	0	0	0	%100
42	MP4C	Z	3.102	3.102	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	3.102	3.102	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	3.102	3.102	0	%100
47	MP3B	X	0	0	0	%100
48	MP3B	Z	3.102	3.102	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	3.102	3.102	0	%100
51	MP2B	X	0	0	0	%100
52	MP2B	Z	3.102	3.102	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	3.102	3.102	0	%100
55	M51B	X	0	0	0	%100
56	M51B	Z	.916	.916	0	%100
57	M52B	X	0	0	0	%100





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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
58	M52B	Z	.916	.916	0 %100
59	M58A	X	0	0	0 %100
60	M58A	Z	.916	.916	0 %100
61	M59A	X	0	0	0 %100
62	M59A	Z	3.666	3.666	0 %100
63	M82	X	0	0	0 %100
64	M82	Z	3.666	3.666	0 %100
65	M83A	X	0	0	0 %100
66	M83A	Z	.916	.916	0 %100
67	M1	X	0	0	0 %100
68	M1	Z	3.857	3.857	0 %100
69	M82A	X	0	0	0 %100
70	M82A	Z	.964	.964	0 %100
71	M91B	X	0	0	0 %100
72	M91B	Z	.964	.964	0 %100
73	M76	X	0	0	0 %100
74	M76	Z	0	0	0 %100
75	M77	X	0	0	0 %100
76	M77	Z	1.245	1.245	0 %100
77	M84	X	0	0	0 %100
78	M84	Z	0	0	0 %100
79	M85	X	0	0	0 %100
80	M85	Z	1.245	1.245	0 %100
81	M63	X	0	0	0 %100
82	M63	Z	3.679	3.679	0 %100
83	M64	X	0	0	0 %100
84	M64	Z	1.245	1.245	0 %100
85	M68	X	0	0	0 %100
86	M68	Z	3.679	3.679	0 %100
87	M69	X	0	0	0 %100
88	M69	Z	4.98	4.98	0 %100
89	M87	X	0	0	0 %100
90	M87	Z	3.679	3.679	0 %100
91	M88A	X	0	0	0 %100
92	M88A	Z	4.98	4.98	0 %100
93	M92A	X	0	0	0 %100
94	M92A	Z	3.679	3.679	0 %100
95	M93	X	0	0	0 %100
96	M93	Z	1.245	1.245	0 %100
97	M46	X	0	0	0 %100
98	M46	Z	4.989	4.989	0 %100
99	M80	X	0	0	0 %100
100	M80	Z	1.3	1.3	0 %100
101	M91	X	0	0	0 %100
102	M91	Z	1.3	1.3	0 %100
103	M55	X	0	0	0 %100
104	M55	Z	1.247	1.247	0 %100
105	M66	X	0	0	0 %100
106	M66	Z	1.3	1.3	0 %100
107	M71	X	0	0	0 %100
108	M71	Z	5.198	5.198	0 %100
109	M79A	X	0	0	0 %100
110	M79A	Z	1.247	1.247	0 %100
111	M90	X	0	0	0 %100
112	M90	Z	5.198	5.198	0 %100
113	M95	X	0	0	0 %100
114	M95	Z	1.3	1.3	0 %100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
115	OVP1	X	0	0	0	%100
116	OVP1	Z	2.56	2.56	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	-1.011	-1.011	0	%100
2	M121	Z	1.75	1.75	0	%100
3	M122	X	-1.011	-1.011	0	%100
4	M122	Z	1.75	1.75	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	-1.163	-1.163	0	%100
8	M100	Z	2.015	2.015	0	%100
9	M105	X	-1.163	-1.163	0	%100
10	M105	Z	2.015	2.015	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	-.487	-.487	0	%100
14	M4	Z	.843	.843	0	%100
15	M52A	X	-.487	-.487	0	%100
16	M52A	Z	.843	.843	0	%100
17	M76A	X	-1.947	-1.947	0	%100
18	M76A	Z	3.372	3.372	0	%100
19	M10	X	-1.193	-1.193	0	%100
20	M10	Z	2.067	2.067	0	%100
21	M43	X	-1.193	-1.193	0	%100
22	M43	Z	2.067	2.067	0	%100
23	M53	X	-1.193	-1.193	0	%100
24	M53	Z	2.067	2.067	0	%100
25	M54	X	-1.193	-1.193	0	%100
26	M54	Z	2.067	2.067	0	%100
27	M77A	X	0	0	0	%100
28	M77A	Z	0	0	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	-1.551	-1.551	0	%100
32	MP3A	Z	2.686	2.686	0	%100
33	MP4A	X	-1.551	-1.551	0	%100
34	MP4A	Z	2.686	2.686	0	%100
35	MP2A	X	-1.551	-1.551	0	%100
36	MP2A	Z	2.686	2.686	0	%100
37	MP1A	X	-1.551	-1.551	0	%100
38	MP1A	Z	2.686	2.686	0	%100
39	MP3C	X	-1.551	-1.551	0	%100
40	MP3C	Z	2.686	2.686	0	%100
41	MP4C	X	-1.551	-1.551	0	%100
42	MP4C	Z	2.686	2.686	0	%100
43	MP2C	X	-1.551	-1.551	0	%100
44	MP2C	Z	2.686	2.686	0	%100
45	MP1C	X	-1.551	-1.551	0	%100
46	MP1C	Z	2.686	2.686	0	%100
47	MP3B	X	-1.551	-1.551	0	%100
48	MP3B	Z	2.686	2.686	0	%100
49	MP4B	X	-1.551	-1.551	0	%100
50	MP4B	Z	2.686	2.686	0	%100
51	MP2B	X	-1.551	-1.551	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
52	MP2B	Z	2.686	2.686	0 %100
53	MP1B	X	-1.551	-1.551	0 %100
54	MP1B	Z	2.686	2.686	0 %100
55	M51B	X	-1.375	-1.375	0 %100
56	M51B	Z	2.381	2.381	0 %100
57	M52B	X	0	0	0 %100
58	M52B	Z	0	0	0 %100
59	M58A	X	0	0	0 %100
60	M58A	Z	0	0	0 %100
61	M59A	X	-1.375	-1.375	0 %100
62	M59A	Z	2.381	2.381	0 %100
63	M82	X	-1.375	-1.375	0 %100
64	M82	Z	2.381	2.381	0 %100
65	M83A	X	-1.375	-1.375	0 %100
66	M83A	Z	2.381	2.381	0 %100
67	M1	X	-1.446	-1.446	0 %100
68	M1	Z	2.505	2.505	0 %100
69	M82A	X	-1.446	-1.446	0 %100
70	M82A	Z	2.505	2.505	0 %100
71	M91B	X	0	0	0 %100
72	M91B	Z	0	0	0 %100
73	M76	X	-.613	-.613	0 %100
74	M76	Z	1.062	1.062	0 %100
75	M77	X	-1.868	-1.868	0 %100
76	M77	Z	3.235	3.235	0 %100
77	M84	X	-.613	-.613	0 %100
78	M84	Z	1.062	1.062	0 %100
79	M85	X	0	0	0 %100
80	M85	Z	0	0	0 %100
81	M63	X	-.613	-.613	0 %100
82	M63	Z	1.062	1.062	0 %100
83	M64	X	0	0	0 %100
84	M64	Z	0	0	0 %100
85	M68	X	-.613	-.613	0 %100
86	M68	Z	1.062	1.062	0 %100
87	M69	X	-1.868	-1.868	0 %100
88	M69	Z	3.235	3.235	0 %100
89	M87	X	-2.453	-2.453	0 %100
90	M87	Z	4.248	4.248	0 %100
91	M88A	X	-1.868	-1.868	0 %100
92	M88A	Z	3.235	3.235	0 %100
93	M92A	X	-2.453	-2.453	0 %100
94	M92A	Z	4.248	4.248	0 %100
95	M93	X	-1.868	-1.868	0 %100
96	M93	Z	3.235	3.235	0 %100
97	M46	X	-1.871	-1.871	0 %100
98	M46	Z	3.241	3.241	0 %100
99	M80	X	-1.949	-1.949	0 %100
100	M80	Z	3.376	3.376	0 %100
101	M91	X	0	0	0 %100
102	M91	Z	0	0	0 %100
103	M55	X	-1.871	-1.871	0 %100
104	M55	Z	3.241	3.241	0 %100
105	M66	X	0	0	0 %100
106	M66	Z	0	0	0 %100
107	M71	X	-1.949	-1.949	0 %100
108	M71	Z	3.376	3.376	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft, %]	End Location[ft, %]
109	M79A	X	0	0	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	-1.949	-1.949	0	%100
112	M90	Z	3.376	3.376	0	%100
113	M95	X	-1.949	-1.949	0	%100
114	M95	Z	3.376	3.376	0	%100
115	OVP1	X	-1.28	-1.28	0	%100
116	OVP1	Z	2.217	2.217	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	-2.334	-2.334	0	%100
2	M121	Z	1.348	1.348	0	%100
3	M122	X	-.583	-.583	0	%100
4	M122	Z	.337	.337	0	%100
5	M123	X	-.583	-.583	0	%100
6	M123	Z	.337	.337	0	%100
7	M100	X	-.672	-.672	0	%100
8	M100	Z	.388	.388	0	%100
9	M105	X	-2.686	-2.686	0	%100
10	M105	Z	1.551	1.551	0	%100
11	M106	X	-.672	-.672	0	%100
12	M106	Z	.388	.388	0	%100
13	M4	X	-2.529	-2.529	0	%100
14	M4	Z	1.46	1.46	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	-2.529	-2.529	0	%100
18	M76A	Z	1.46	1.46	0	%100
19	M10	X	-.689	-.689	0	%100
20	M10	Z	.398	.398	0	%100
21	M43	X	-.689	-.689	0	%100
22	M43	Z	.398	.398	0	%100
23	M53	X	-2.756	-2.756	0	%100
24	M53	Z	1.591	1.591	0	%100
25	M54	X	-2.756	-2.756	0	%100
26	M54	Z	1.591	1.591	0	%100
27	M77A	X	-.689	-.689	0	%100
28	M77A	Z	.398	.398	0	%100
29	M78	X	-.689	-.689	0	%100
30	M78	Z	.398	.398	0	%100
31	MP3A	X	-2.686	-2.686	0	%100
32	MP3A	Z	1.551	1.551	0	%100
33	MP4A	X	-2.686	-2.686	0	%100
34	MP4A	Z	1.551	1.551	0	%100
35	MP2A	X	-2.686	-2.686	0	%100
36	MP2A	Z	1.551	1.551	0	%100
37	MP1A	X	-2.686	-2.686	0	%100
38	MP1A	Z	1.551	1.551	0	%100
39	MP3C	X	-2.686	-2.686	0	%100
40	MP3C	Z	1.551	1.551	0	%100
41	MP4C	X	-2.686	-2.686	0	%100
42	MP4C	Z	1.551	1.551	0	%100
43	MP2C	X	-2.686	-2.686	0	%100
44	MP2C	Z	1.551	1.551	0	%100
45	MP1C	X	-2.686	-2.686	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
46	MP1C	Z	1.551	1.551	0 %100
47	MP3B	X	-2.686	-2.686	0 %100
48	MP3B	Z	1.551	1.551	0 %100
49	MP4B	X	-2.686	-2.686	0 %100
50	MP4B	Z	1.551	1.551	0 %100
51	MP2B	X	-2.686	-2.686	0 %100
52	MP2B	Z	1.551	1.551	0 %100
53	MP1B	X	-2.686	-2.686	0 %100
54	MP1B	Z	1.551	1.551	0 %100
55	M51B	X	-3.175	-3.175	0 %100
56	M51B	Z	1.833	1.833	0 %100
57	M52B	X	-.794	-.794	0 %100
58	M52B	Z	.458	.458	0 %100
59	M58A	X	-.794	-.794	0 %100
60	M58A	Z	.458	.458	0 %100
61	M59A	X	-.794	-.794	0 %100
62	M59A	Z	.458	.458	0 %100
63	M82	X	-.794	-.794	0 %100
64	M82	Z	.458	.458	0 %100
65	M83A	X	-3.175	-3.175	0 %100
66	M83A	Z	1.833	1.833	0 %100
67	M1	X	-.835	-.835	0 %100
68	M1	Z	.482	.482	0 %100
69	M82A	X	-3.34	-3.34	0 %100
70	M82A	Z	1.928	1.928	0 %100
71	M91B	X	-.835	-.835	0 %100
72	M91B	Z	.482	.482	0 %100
73	M76	X	-3.186	-3.186	0 %100
74	M76	Z	1.84	1.84	0 %100
75	M77	X	-4.313	-4.313	0 %100
76	M77	Z	2.49	2.49	0 %100
77	M84	X	-3.186	-3.186	0 %100
78	M84	Z	1.84	1.84	0 %100
79	M85	X	-1.078	-1.078	0 %100
80	M85	Z	.623	.623	0 %100
81	M63	X	0	0	0 %100
82	M63	Z	0	0	0 %100
83	M64	X	-1.078	-1.078	0 %100
84	M64	Z	.623	.623	0 %100
85	M68	X	0	0	0 %100
86	M68	Z	0	0	0 %100
87	M69	X	-1.078	-1.078	0 %100
88	M69	Z	.623	.623	0 %100
89	M87	X	-3.186	-3.186	0 %100
90	M87	Z	1.84	1.84	0 %100
91	M88A	X	-1.078	-1.078	0 %100
92	M88A	Z	.623	.623	0 %100
93	M92A	X	-3.186	-3.186	0 %100
94	M92A	Z	1.84	1.84	0 %100
95	M93	X	-4.313	-4.313	0 %100
96	M93	Z	2.49	2.49	0 %100
97	M46	X	-1.08	-1.08	0 %100
98	M46	Z	.624	.624	0 %100
99	M80	X	-4.502	-4.502	0 %100
100	M80	Z	2.599	2.599	0 %100
101	M91	X	-1.125	-1.125	0 %100
102	M91	Z	.65	.65	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
103	M55	X	-4.321	-4.321	0	%100
104	M55	Z	2.495	2.495	0	%100
105	M66	X	-1.125	-1.125	0	%100
106	M66	Z	.65	.65	0	%100
107	M71	X	-1.125	-1.125	0	%100
108	M71	Z	.65	.65	0	%100
109	M79A	X	-1.08	-1.08	0	%100
110	M79A	Z	.624	.624	0	%100
111	M90	X	-1.125	-1.125	0	%100
112	M90	Z	.65	.65	0	%100
113	M95	X	-4.502	-4.502	0	%100
114	M95	Z	2.599	2.599	0	%100
115	OVP1	X	-2.217	-2.217	0	%100
116	OVP1	Z	1.28	1.28	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	-2.021	-2.021	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	0	0	0	%100
5	M123	X	-2.021	-2.021	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	0	0	0	%100
9	M105	X	-2.327	-2.327	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	-2.327	-2.327	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	-3.894	-3.894	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	-.973	-.973	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	-.973	-.973	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	0	0	0	%100
23	M53	X	-2.387	-2.387	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	-2.387	-2.387	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	-2.387	-2.387	0	%100
28	M77A	Z	0	0	0	%100
29	M78	X	-2.387	-2.387	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	-3.102	-3.102	0	%100
32	MP3A	Z	0	0	0	%100
33	MP4A	X	-3.102	-3.102	0	%100
34	MP4A	Z	0	0	0	%100
35	MP2A	X	-3.102	-3.102	0	%100
36	MP2A	Z	0	0	0	%100
37	MP1A	X	-3.102	-3.102	0	%100
38	MP1A	Z	0	0	0	%100
39	MP3C	X	-3.102	-3.102	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
40	MP3C	Z	0	0	0	%100
41	MP4C	X	-3.102	-3.102	0	%100
42	MP4C	Z	0	0	0	%100
43	MP2C	X	-3.102	-3.102	0	%100
44	MP2C	Z	0	0	0	%100
45	MP1C	X	-3.102	-3.102	0	%100
46	MP1C	Z	0	0	0	%100
47	MP3B	X	-3.102	-3.102	0	%100
48	MP3B	Z	0	0	0	%100
49	MP4B	X	-3.102	-3.102	0	%100
50	MP4B	Z	0	0	0	%100
51	MP2B	X	-3.102	-3.102	0	%100
52	MP2B	Z	0	0	0	%100
53	MP1B	X	-3.102	-3.102	0	%100
54	MP1B	Z	0	0	0	%100
55	M51B	X	-2.749	-2.749	0	%100
56	M51B	Z	0	0	0	%100
57	M52B	X	-2.749	-2.749	0	%100
58	M52B	Z	0	0	0	%100
59	M58A	X	-2.749	-2.749	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	0	0	0	%100
65	M83A	X	-2.749	-2.749	0	%100
66	M83A	Z	0	0	0	%100
67	M1	X	0	0	0	%100
68	M1	Z	0	0	0	%100
69	M82A	X	-2.893	-2.893	0	%100
70	M82A	Z	0	0	0	%100
71	M91B	X	-2.893	-2.893	0	%100
72	M91B	Z	0	0	0	%100
73	M76	X	-4.905	-4.905	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	-3.735	-3.735	0	%100
76	M77	Z	0	0	0	%100
77	M84	X	-4.905	-4.905	0	%100
78	M84	Z	0	0	0	%100
79	M85	X	-3.735	-3.735	0	%100
80	M85	Z	0	0	0	%100
81	M63	X	-1.226	-1.226	0	%100
82	M63	Z	0	0	0	%100
83	M64	X	-3.735	-3.735	0	%100
84	M64	Z	0	0	0	%100
85	M68	X	-1.226	-1.226	0	%100
86	M68	Z	0	0	0	%100
87	M69	X	0	0	0	%100
88	M69	Z	0	0	0	%100
89	M87	X	-1.226	-1.226	0	%100
90	M87	Z	0	0	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	0	0	0	%100
93	M92A	X	-1.226	-1.226	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	-3.735	-3.735	0	%100
96	M93	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft.%]	End Location[ft.%]
97	M46	X	0	0	0	%100
98	M46	Z	0	0	0	%100
99	M80	X	-3.899	-3.899	0	%100
100	M80	Z	0	0	0	%100
101	M91	X	-3.899	-3.899	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	-3.742	-3.742	0	%100
104	M55	Z	0	0	0	%100
105	M66	X	-3.899	-3.899	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	0	0	0	%100
109	M79A	X	-3.742	-3.742	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	0	0	0	%100
113	M95	X	-3.899	-3.899	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	-2.56	-2.56	0	%100
116	OVP1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	-583	-583	0	%100
2	M121	Z	-337	-337	0	%100
3	M122	X	-583	-583	0	%100
4	M122	Z	-337	-337	0	%100
5	M123	X	-2.334	-2.334	0	%100
6	M123	Z	-1.348	-1.348	0	%100
7	M100	X	-672	-672	0	%100
8	M100	Z	-388	-388	0	%100
9	M105	X	-672	-672	0	%100
10	M105	Z	-388	-388	0	%100
11	M106	X	-2.686	-2.686	0	%100
12	M106	Z	-1.551	-1.551	0	%100
13	M4	X	-2.529	-2.529	0	%100
14	M4	Z	-1.46	-1.46	0	%100
15	M52A	X	-2.529	-2.529	0	%100
16	M52A	Z	-1.46	-1.46	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	-689	-689	0	%100
20	M10	Z	-398	-398	0	%100
21	M43	X	-689	-689	0	%100
22	M43	Z	-398	-398	0	%100
23	M53	X	-689	-689	0	%100
24	M53	Z	-398	-398	0	%100
25	M54	X	-689	-689	0	%100
26	M54	Z	-398	-398	0	%100
27	M77A	X	-2.756	-2.756	0	%100
28	M77A	Z	-1.591	-1.591	0	%100
29	M78	X	-2.756	-2.756	0	%100
30	M78	Z	-1.591	-1.591	0	%100
31	MP3A	X	-2.686	-2.686	0	%100
32	MP3A	Z	-1.551	-1.551	0	%100
33	MP4A	X	-2.686	-2.686	0	%100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
34	MP4A	Z	-1.551	-1.551	0	%100
35	MP2A	X	-2.686	-2.686	0	%100
36	MP2A	Z	-1.551	-1.551	0	%100
37	MP1A	X	-2.686	-2.686	0	%100
38	MP1A	Z	-1.551	-1.551	0	%100
39	MP3C	X	-2.686	-2.686	0	%100
40	MP3C	Z	-1.551	-1.551	0	%100
41	MP4C	X	-2.686	-2.686	0	%100
42	MP4C	Z	-1.551	-1.551	0	%100
43	MP2C	X	-2.686	-2.686	0	%100
44	MP2C	Z	-1.551	-1.551	0	%100
45	MP1C	X	-2.686	-2.686	0	%100
46	MP1C	Z	-1.551	-1.551	0	%100
47	MP3B	X	-2.686	-2.686	0	%100
48	MP3B	Z	-1.551	-1.551	0	%100
49	MP4B	X	-2.686	-2.686	0	%100
50	MP4B	Z	-1.551	-1.551	0	%100
51	MP2B	X	-2.686	-2.686	0	%100
52	MP2B	Z	-1.551	-1.551	0	%100
53	MP1B	X	-2.686	-2.686	0	%100
54	MP1B	Z	-1.551	-1.551	0	%100
55	M51B	X	-0.794	-0.794	0	%100
56	M51B	Z	-0.458	-0.458	0	%100
57	M52B	X	-3.175	-3.175	0	%100
58	M52B	Z	-1.833	-1.833	0	%100
59	M58A	X	-3.175	-3.175	0	%100
60	M58A	Z	-1.833	-1.833	0	%100
61	M59A	X	-0.794	-0.794	0	%100
62	M59A	Z	-0.458	-0.458	0	%100
63	M82	X	-0.794	-0.794	0	%100
64	M82	Z	-0.458	-0.458	0	%100
65	M83A	X	-0.794	-0.794	0	%100
66	M83A	Z	-0.458	-0.458	0	%100
67	M1	X	-0.835	-0.835	0	%100
68	M1	Z	-0.482	-0.482	0	%100
69	M82A	X	-0.835	-0.835	0	%100
70	M82A	Z	-0.482	-0.482	0	%100
71	M91B	X	-3.34	-3.34	0	%100
72	M91B	Z	-1.928	-1.928	0	%100
73	M76	X	-3.186	-3.186	0	%100
74	M76	Z	-1.84	-1.84	0	%100
75	M77	X	-1.078	-1.078	0	%100
76	M77	Z	-0.623	-0.623	0	%100
77	M84	X	-3.186	-3.186	0	%100
78	M84	Z	-1.84	-1.84	0	%100
79	M85	X	-4.313	-4.313	0	%100
80	M85	Z	-2.49	-2.49	0	%100
81	M63	X	-3.186	-3.186	0	%100
82	M63	Z	-1.84	-1.84	0	%100
83	M64	X	-4.313	-4.313	0	%100
84	M64	Z	-2.49	-2.49	0	%100
85	M68	X	-3.186	-3.186	0	%100
86	M68	Z	-1.84	-1.84	0	%100
87	M69	X	-1.078	-1.078	0	%100
88	M69	Z	-0.623	-0.623	0	%100
89	M87	X	0	0	0	%100
90	M87	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
91	M88A	X	-1.078	-1.078	0	%100
92	M88A	Z	-0.623	-0.623	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	-1.078	-1.078	0	%100
96	M93	Z	-0.623	-0.623	0	%100
97	M46	X	-1.08	-1.08	0	%100
98	M46	Z	-0.624	-0.624	0	%100
99	M80	X	-1.125	-1.125	0	%100
100	M80	Z	-0.65	-0.65	0	%100
101	M91	X	-4.502	-4.502	0	%100
102	M91	Z	-2.599	-2.599	0	%100
103	M55	X	-1.08	-1.08	0	%100
104	M55	Z	-0.624	-0.624	0	%100
105	M66	X	-4.502	-4.502	0	%100
106	M66	Z	-2.599	-2.599	0	%100
107	M71	X	-1.125	-1.125	0	%100
108	M71	Z	-0.65	-0.65	0	%100
109	M79A	X	-4.321	-4.321	0	%100
110	M79A	Z	-2.495	-2.495	0	%100
111	M90	X	-1.125	-1.125	0	%100
112	M90	Z	-0.65	-0.65	0	%100
113	M95	X	-1.125	-1.125	0	%100
114	M95	Z	-0.65	-0.65	0	%100
115	OVP1	X	-2.217	-2.217	0	%100
116	OVP1	Z	-1.28	-1.28	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	0	0	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	-1.011	-1.011	0	%100
4	M122	Z	-1.75	-1.75	0	%100
5	M123	X	-1.011	-1.011	0	%100
6	M123	Z	-1.75	-1.75	0	%100
7	M100	X	-1.163	-1.163	0	%100
8	M100	Z	-2.015	-2.015	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	-1.163	-1.163	0	%100
12	M106	Z	-2.015	-2.015	0	%100
13	M4	X	-0.487	-0.487	0	%100
14	M4	Z	-0.843	-0.843	0	%100
15	M52A	X	-1.947	-1.947	0	%100
16	M52A	Z	-3.372	-3.372	0	%100
17	M76A	X	-0.487	-0.487	0	%100
18	M76A	Z	-0.843	-0.843	0	%100
19	M10	X	-1.193	-1.193	0	%100
20	M10	Z	-2.067	-2.067	0	%100
21	M43	X	-1.193	-1.193	0	%100
22	M43	Z	-2.067	-2.067	0	%100
23	M53	X	0	0	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	0	0	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	-1.193	-1.193	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
28	M77A	Z	-2.067	-2.067	0	%100
29	M78	X	-1.193	-1.193	0	%100
30	M78	Z	-2.067	-2.067	0	%100
31	MP3A	X	-1.551	-1.551	0	%100
32	MP3A	Z	-2.686	-2.686	0	%100
33	MP4A	X	-1.551	-1.551	0	%100
34	MP4A	Z	-2.686	-2.686	0	%100
35	MP2A	X	-1.551	-1.551	0	%100
36	MP2A	Z	-2.686	-2.686	0	%100
37	MP1A	X	-1.551	-1.551	0	%100
38	MP1A	Z	-2.686	-2.686	0	%100
39	MP3C	X	-1.551	-1.551	0	%100
40	MP3C	Z	-2.686	-2.686	0	%100
41	MP4C	X	-1.551	-1.551	0	%100
42	MP4C	Z	-2.686	-2.686	0	%100
43	MP2C	X	-1.551	-1.551	0	%100
44	MP2C	Z	-2.686	-2.686	0	%100
45	MP1C	X	-1.551	-1.551	0	%100
46	MP1C	Z	-2.686	-2.686	0	%100
47	MP3B	X	-1.551	-1.551	0	%100
48	MP3B	Z	-2.686	-2.686	0	%100
49	MP4B	X	-1.551	-1.551	0	%100
50	MP4B	Z	-2.686	-2.686	0	%100
51	MP2B	X	-1.551	-1.551	0	%100
52	MP2B	Z	-2.686	-2.686	0	%100
53	MP1B	X	-1.551	-1.551	0	%100
54	MP1B	Z	-2.686	-2.686	0	%100
55	M51B	X	0	0	0	%100
56	M51B	Z	0	0	0	%100
57	M52B	X	-1.375	-1.375	0	%100
58	M52B	Z	-2.381	-2.381	0	%100
59	M58A	X	-1.375	-1.375	0	%100
60	M58A	Z	-2.381	-2.381	0	%100
61	M59A	X	-1.375	-1.375	0	%100
62	M59A	Z	-2.381	-2.381	0	%100
63	M82	X	-1.375	-1.375	0	%100
64	M82	Z	-2.381	-2.381	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	0	0	0	%100
67	M1	X	-1.446	-1.446	0	%100
68	M1	Z	-2.505	-2.505	0	%100
69	M82A	X	0	0	0	%100
70	M82A	Z	0	0	0	%100
71	M91B	X	-1.446	-1.446	0	%100
72	M91B	Z	-2.505	-2.505	0	%100
73	M76	X	-.613	-.613	0	%100
74	M76	Z	-1.062	-1.062	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	0	0	0	%100
77	M84	X	-.613	-.613	0	%100
78	M84	Z	-1.062	-1.062	0	%100
79	M85	X	-1.868	-1.868	0	%100
80	M85	Z	-3.235	-3.235	0	%100
81	M63	X	-2.453	-2.453	0	%100
82	M63	Z	-4.248	-4.248	0	%100
83	M64	X	-1.868	-1.868	0	%100
84	M64	Z	-3.235	-3.235	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
85	M68	X	-2.453	-2.453	0	%100
86	M68	Z	-4.248	-4.248	0	%100
87	M69	X	-1.868	-1.868	0	%100
88	M69	Z	-3.235	-3.235	0	%100
89	M87	X	-.613	-.613	0	%100
90	M87	Z	-1.062	-1.062	0	%100
91	M88A	X	-1.868	-1.868	0	%100
92	M88A	Z	-3.235	-3.235	0	%100
93	M92A	X	-.613	-.613	0	%100
94	M92A	Z	-1.062	-1.062	0	%100
95	M93	X	0	0	0	%100
96	M93	Z	0	0	0	%100
97	M46	X	-1.871	-1.871	0	%100
98	M46	Z	-3.241	-3.241	0	%100
99	M80	X	0	0	0	%100
100	M80	Z	0	0	0	%100
101	M91	X	-1.949	-1.949	0	%100
102	M91	Z	-3.376	-3.376	0	%100
103	M55	X	0	0	0	%100
104	M55	Z	0	0	0	%100
105	M66	X	-1.949	-1.949	0	%100
106	M66	Z	-3.376	-3.376	0	%100
107	M71	X	-1.949	-1.949	0	%100
108	M71	Z	-3.376	-3.376	0	%100
109	M79A	X	-1.871	-1.871	0	%100
110	M79A	Z	-3.241	-3.241	0	%100
111	M90	X	-1.949	-1.949	0	%100
112	M90	Z	-3.376	-3.376	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	-1.28	-1.28	0	%100
116	OVP1	Z	-2.217	-2.217	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M121	X	0	0	0	%100
2	M121	Z	-.159	-.159	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	-.635	-.635	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	-.159	-.159	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	-.574	-.574	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	-.143	-.143	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	-.143	-.143	0	%100
13	M4	X	0	0	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	-.644	-.644	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	-.644	-.644	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-.727	-.727	0	%100
21	M43	X	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
22	M43	Z	- .727	- .727	0 %100
23	M53	X	0	0	0 %100
24	M53	Z	- .182	- .182	0 %100
25	M54	X	0	0	0 %100
26	M54	Z	- .182	- .182	0 %100
27	M77A	X	0	0	0 %100
28	M77A	Z	- .182	- .182	0 %100
29	M78	X	0	0	0 %100
30	M78	Z	- .182	- .182	0 %100
31	MP3A	X	0	0	0 %100
32	MP3A	Z	- .574	- .574	0 %100
33	MP4A	X	0	0	0 %100
34	MP4A	Z	- .574	- .574	0 %100
35	MP2A	X	0	0	0 %100
36	MP2A	Z	- .574	- .574	0 %100
37	MP1A	X	0	0	0 %100
38	MP1A	Z	- .574	- .574	0 %100
39	MP3C	X	0	0	0 %100
40	MP3C	Z	- .574	- .574	0 %100
41	MP4C	X	0	0	0 %100
42	MP4C	Z	- .574	- .574	0 %100
43	MP2C	X	0	0	0 %100
44	MP2C	Z	- .574	- .574	0 %100
45	MP1C	X	0	0	0 %100
46	MP1C	Z	- .574	- .574	0 %100
47	MP3B	X	0	0	0 %100
48	MP3B	Z	- .574	- .574	0 %100
49	MP4B	X	0	0	0 %100
50	MP4B	Z	- .574	- .574	0 %100
51	MP2B	X	0	0	0 %100
52	MP2B	Z	- .574	- .574	0 %100
53	MP1B	X	0	0	0 %100
54	MP1B	Z	- .574	- .574	0 %100
55	M51B	X	0	0	0 %100
56	M51B	Z	- .201	- .201	0 %100
57	M52B	X	0	0	0 %100
58	M52B	Z	- .201	- .201	0 %100
59	M58A	X	0	0	0 %100
60	M58A	Z	- .201	- .201	0 %100
61	M59A	X	0	0	0 %100
62	M59A	Z	- .805	- .805	0 %100
63	M82	X	0	0	0 %100
64	M82	Z	- .805	- .805	0 %100
65	M83A	X	0	0	0 %100
66	M83A	Z	- .201	- .201	0 %100
67	M1	X	0	0	0 %100
68	M1	Z	- .845	- .845	0 %100
69	M82A	X	0	0	0 %100
70	M82A	Z	- .211	- .211	0 %100
71	M91B	X	0	0	0 %100
72	M91B	Z	- .211	- .211	0 %100
73	M76	X	0	0	0 %100
74	M76	Z	0	0	0 %100
75	M77	X	0	0	0 %100
76	M77	Z	- .369	- .369	0 %100
77	M84	X	0	0	0 %100
78	M84	Z	0	0	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%,]	End Location[ft.%,]
79	M85	X	0	0	0	%100
80	M85	Z	-.369	-.369	0	%100
81	M63	X	0	0	0	%100
82	M63	Z	-1.087	-1.087	0	%100
83	M64	X	0	0	0	%100
84	M64	Z	-.369	-.369	0	%100
85	M68	X	0	0	0	%100
86	M68	Z	-1.087	-1.087	0	%100
87	M69	X	0	0	0	%100
88	M69	Z	-1.476	-1.476	0	%100
89	M87	X	0	0	0	%100
90	M87	Z	-1.087	-1.087	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	-1.476	-1.476	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	-1.087	-1.087	0	%100
95	M93	X	0	0	0	%100
96	M93	Z	-.369	-.369	0	%100
97	M46	X	0	0	0	%100
98	M46	Z	-1.449	-1.449	0	%100
99	M80	X	0	0	0	%100
100	M80	Z	-.389	-.389	0	%100
101	M91	X	0	0	0	%100
102	M91	Z	-.389	-.389	0	%100
103	M55	X	0	0	0	%100
104	M55	Z	-.362	-.362	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	-.389	-.389	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	-1.555	-1.555	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	-.362	-.362	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	-1.555	-1.555	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	-.389	-.389	0	%100
115	OVP1	X	0	0	0	%100
116	OVP1	Z	-.469	-.469	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%,]	End Location[ft.%,]
1	M121	X	.238	.238	0	%100
2	M121	Z	-.412	-.412	0	%100
3	M122	X	.238	.238	0	%100
4	M122	Z	-.412	-.412	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	.215	.215	0	%100
8	M100	Z	-.373	-.373	0	%100
9	M105	X	.215	.215	0	%100
10	M105	Z	-.373	-.373	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	.107	.107	0	%100
14	M4	Z	-.186	-.186	0	%100
15	M52A	X	.107	.107	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
16	M52A	Z	-186	-186	0 %100
17	M76A	X	429	429	0 %100
18	M76A	Z	-744	-744	0 %100
19	M10	X	.272	.272	0 %100
20	M10	Z	-.472	-.472	0 %100
21	M43	X	.272	.272	0 %100
22	M43	Z	-.472	-.472	0 %100
23	M53	X	.272	.272	0 %100
24	M53	Z	-.472	-.472	0 %100
25	M54	X	.272	.272	0 %100
26	M54	Z	-.472	-.472	0 %100
27	M77A	X	0	0	0 %100
28	M77A	Z	0	0	0 %100
29	M78	X	0	0	0 %100
30	M78	Z	0	0	0 %100
31	MP3A	X	.287	.287	0 %100
32	MP3A	Z	-.497	-.497	0 %100
33	MP4A	X	.287	.287	0 %100
34	MP4A	Z	-.497	-.497	0 %100
35	MP2A	X	.287	.287	0 %100
36	MP2A	Z	-.497	-.497	0 %100
37	MP1A	X	.287	.287	0 %100
38	MP1A	Z	-.497	-.497	0 %100
39	MP3C	X	.287	.287	0 %100
40	MP3C	Z	-.497	-.497	0 %100
41	MP4C	X	.287	.287	0 %100
42	MP4C	Z	-.497	-.497	0 %100
43	MP2C	X	.287	.287	0 %100
44	MP2C	Z	-.497	-.497	0 %100
45	MP1C	X	.287	.287	0 %100
46	MP1C	Z	-.497	-.497	0 %100
47	MP3B	X	.287	.287	0 %100
48	MP3B	Z	-.497	-.497	0 %100
49	MP4B	X	.287	.287	0 %100
50	MP4B	Z	-.497	-.497	0 %100
51	MP2B	X	.287	.287	0 %100
52	MP2B	Z	-.497	-.497	0 %100
53	MP1B	X	.287	.287	0 %100
54	MP1B	Z	-.497	-.497	0 %100
55	M51B	X	.302	.302	0 %100
56	M51B	Z	-.523	-.523	0 %100
57	M52B	X	0	0	0 %100
58	M52B	Z	0	0	0 %100
59	M58A	X	0	0	0 %100
60	M58A	Z	0	0	0 %100
61	M59A	X	.302	.302	0 %100
62	M59A	Z	-.523	-.523	0 %100
63	M82	X	.302	.302	0 %100
64	M82	Z	-.523	-.523	0 %100
65	M83A	X	.302	.302	0 %100
66	M83A	Z	-.523	-.523	0 %100
67	M1	X	.317	.317	0 %100
68	M1	Z	-.549	-.549	0 %100
69	M82A	X	.317	.317	0 %100
70	M82A	Z	-.549	-.549	0 %100
71	M91B	X	0	0	0 %100
72	M91B	Z	0	0	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
73	M76	X	.181	.181	0	%100
74	M76	Z	-.314	-.314	0	%100
75	M77	X	.553	.553	0	%100
76	M77	Z	-.959	-.959	0	%100
77	M84	X	.181	.181	0	%100
78	M84	Z	-.314	-.314	0	%100
79	M85	X	0	0	0	%100
80	M85	Z	0	0	0	%100
81	M63	X	.181	.181	0	%100
82	M63	Z	-.314	-.314	0	%100
83	M64	X	0	0	0	%100
84	M64	Z	0	0	0	%100
85	M68	X	.181	.181	0	%100
86	M68	Z	-.314	-.314	0	%100
87	M69	X	.553	.553	0	%100
88	M69	Z	-.959	-.959	0	%100
89	M87	X	.725	.725	0	%100
90	M87	Z	-1.255	-1.255	0	%100
91	M88A	X	.553	.553	0	%100
92	M88A	Z	-.959	-.959	0	%100
93	M92A	X	.725	.725	0	%100
94	M92A	Z	-1.255	-1.255	0	%100
95	M93	X	.553	.553	0	%100
96	M93	Z	-.959	-.959	0	%100
97	M46	X	.543	.543	0	%100
98	M46	Z	-.941	-.941	0	%100
99	M80	X	.583	.583	0	%100
100	M80	Z	-1.01	-1.01	0	%100
101	M91	X	0	0	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	.543	.543	0	%100
104	M55	Z	-.941	-.941	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	.583	.583	0	%100
108	M71	Z	-1.01	-1.01	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	.583	.583	0	%100
112	M90	Z	-1.01	-1.01	0	%100
113	M95	X	.583	.583	0	%100
114	M95	Z	-1.01	-1.01	0	%100
115	OVP1	X	.235	.235	0	%100
116	OVP1	Z	-.406	-.406	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	.55	.55	0	%100
2	M121	Z	-.318	-.318	0	%100
3	M122	X	.137	.137	0	%100
4	M122	Z	-.079	-.079	0	%100
5	M123	X	.137	.137	0	%100
6	M123	Z	-.079	-.079	0	%100
7	M100	X	.124	.124	0	%100
8	M100	Z	-.072	-.072	0	%100
9	M105	X	.497	.497	0	%100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
10	M105	Z	-.287	-.287	0	%100
11	M106	X	.124	.124	0	%100
12	M106	Z	-.072	-.072	0	%100
13	M4	X	.558	.558	0	%100
14	M4	Z	-.322	-.322	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	.558	.558	0	%100
18	M76A	Z	-.322	-.322	0	%100
19	M10	X	.157	.157	0	%100
20	M10	Z	-.091	-.091	0	%100
21	M43	X	.157	.157	0	%100
22	M43	Z	-.091	-.091	0	%100
23	M53	X	.629	.629	0	%100
24	M53	Z	-.363	-.363	0	%100
25	M54	X	.629	.629	0	%100
26	M54	Z	-.363	-.363	0	%100
27	M77A	X	.157	.157	0	%100
28	M77A	Z	-.091	-.091	0	%100
29	M78	X	.157	.157	0	%100
30	M78	Z	-.091	-.091	0	%100
31	MP3A	X	.497	.497	0	%100
32	MP3A	Z	-.287	-.287	0	%100
33	MP4A	X	.497	.497	0	%100
34	MP4A	Z	-.287	-.287	0	%100
35	MP2A	X	.497	.497	0	%100
36	MP2A	Z	-.287	-.287	0	%100
37	MP1A	X	.497	.497	0	%100
38	MP1A	Z	-.287	-.287	0	%100
39	MP3C	X	.497	.497	0	%100
40	MP3C	Z	-.287	-.287	0	%100
41	MP4C	X	.497	.497	0	%100
42	MP4C	Z	-.287	-.287	0	%100
43	MP2C	X	.497	.497	0	%100
44	MP2C	Z	-.287	-.287	0	%100
45	MP1C	X	.497	.497	0	%100
46	MP1C	Z	-.287	-.287	0	%100
47	MP3B	X	.497	.497	0	%100
48	MP3B	Z	-.287	-.287	0	%100
49	MP4B	X	.497	.497	0	%100
50	MP4B	Z	-.287	-.287	0	%100
51	MP2B	X	.497	.497	0	%100
52	MP2B	Z	-.287	-.287	0	%100
53	MP1B	X	.497	.497	0	%100
54	MP1B	Z	-.287	-.287	0	%100
55	M51B	X	.697	.697	0	%100
56	M51B	Z	-.402	-.402	0	%100
57	M52B	X	.174	.174	0	%100
58	M52B	Z	-.101	-.101	0	%100
59	M58A	X	.174	.174	0	%100
60	M58A	Z	-.101	-.101	0	%100
61	M59A	X	.174	.174	0	%100
62	M59A	Z	-.101	-.101	0	%100
63	M82	X	.174	.174	0	%100
64	M82	Z	-.101	-.101	0	%100
65	M83A	X	.697	.697	0	%100
66	M83A	Z	-.402	-.402	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
67	M1	X	.183	.183	0	%100
68	M1	Z	-.106	-.106	0	%100
69	M82A	X	.732	.732	0	%100
70	M82A	Z	-.423	-.423	0	%100
71	M91B	X	.183	.183	0	%100
72	M91B	Z	-.106	-.106	0	%100
73	M76	X	.941	.941	0	%100
74	M76	Z	-.543	-.543	0	%100
75	M77	X	1.278	1.278	0	%100
76	M77	Z	-.738	-.738	0	%100
77	M84	X	.941	.941	0	%100
78	M84	Z	-.543	-.543	0	%100
79	M85	X	.32	.32	0	%100
80	M85	Z	-.184	-.184	0	%100
81	M63	X	0	0	0	%100
82	M63	Z	0	0	0	%100
83	M64	X	.32	.32	0	%100
84	M64	Z	-.184	-.184	0	%100
85	M68	X	0	0	0	%100
86	M68	Z	0	0	0	%100
87	M69	X	.32	.32	0	%100
88	M69	Z	-.184	-.184	0	%100
89	M87	X	.941	.941	0	%100
90	M87	Z	-.543	-.543	0	%100
91	M88A	X	.32	.32	0	%100
92	M88A	Z	-.184	-.184	0	%100
93	M92A	X	.941	.941	0	%100
94	M92A	Z	-.543	-.543	0	%100
95	M93	X	1.278	1.278	0	%100
96	M93	Z	-.738	-.738	0	%100
97	M46	X	.314	.314	0	%100
98	M46	Z	-.181	-.181	0	%100
99	M80	X	1.346	1.346	0	%100
100	M80	Z	-.777	-.777	0	%100
101	M91	X	.337	.337	0	%100
102	M91	Z	-.194	-.194	0	%100
103	M55	X	1.255	1.255	0	%100
104	M55	Z	-.725	-.725	0	%100
105	M66	X	.337	.337	0	%100
106	M66	Z	-.194	-.194	0	%100
107	M71	X	.337	.337	0	%100
108	M71	Z	-.194	-.194	0	%100
109	M79A	X	.314	.314	0	%100
110	M79A	Z	-.181	-.181	0	%100
111	M90	X	.337	.337	0	%100
112	M90	Z	-.194	-.194	0	%100
113	M95	X	1.346	1.346	0	%100
114	M95	Z	-.777	-.777	0	%100
115	OVP1	X	.406	.406	0	%100
116	OVP1	Z	-.235	-.235	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	.476	.476	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
4	M122	Z	0	0	0	%100
5	M123	X	.476	.476	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	0	0	0	%100
9	M105	X	.43	.43	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	.43	.43	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	.859	.859	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	.215	.215	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	.215	.215	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	0	0	0	%100
23	M53	X	.545	.545	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	.545	.545	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	.545	.545	0	%100
28	M77A	Z	0	0	0	%100
29	M78	X	.545	.545	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	.574	.574	0	%100
32	MP3A	Z	0	0	0	%100
33	MP4A	X	.574	.574	0	%100
34	MP4A	Z	0	0	0	%100
35	MP2A	X	.574	.574	0	%100
36	MP2A	Z	0	0	0	%100
37	MP1A	X	.574	.574	0	%100
38	MP1A	Z	0	0	0	%100
39	MP3C	X	.574	.574	0	%100
40	MP3C	Z	0	0	0	%100
41	MP4C	X	.574	.574	0	%100
42	MP4C	Z	0	0	0	%100
43	MP2C	X	.574	.574	0	%100
44	MP2C	Z	0	0	0	%100
45	MP1C	X	.574	.574	0	%100
46	MP1C	Z	0	0	0	%100
47	MP3B	X	.574	.574	0	%100
48	MP3B	Z	0	0	0	%100
49	MP4B	X	.574	.574	0	%100
50	MP4B	Z	0	0	0	%100
51	MP2B	X	.574	.574	0	%100
52	MP2B	Z	0	0	0	%100
53	MP1B	X	.574	.574	0	%100
54	MP1B	Z	0	0	0	%100
55	M51B	X	.604	.604	0	%100
56	M51B	Z	0	0	0	%100
57	M52B	X	.604	.604	0	%100
58	M52B	Z	0	0	0	%100
59	M58A	X	.604	.604	0	%100
60	M58A	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]	
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	0	0	0	%100
65	M83A	X	.604	.604	0	%100
66	M83A	Z	0	0	0	%100
67	M1	X	0	0	0	%100
68	M1	Z	0	0	0	%100
69	M82A	X	.634	.634	0	%100
70	M82A	Z	0	0	0	%100
71	M91B	X	.634	.634	0	%100
72	M91B	Z	0	0	0	%100
73	M76	X	1.449	1.449	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	1.107	1.107	0	%100
76	M77	Z	0	0	0	%100
77	M84	X	1.449	1.449	0	%100
78	M84	Z	0	0	0	%100
79	M85	X	1.107	1.107	0	%100
80	M85	Z	0	0	0	%100
81	M63	X	.362	.362	0	%100
82	M63	Z	0	0	0	%100
83	M64	X	1.107	1.107	0	%100
84	M64	Z	0	0	0	%100
85	M68	X	.362	.362	0	%100
86	M68	Z	0	0	0	%100
87	M69	X	0	0	0	%100
88	M69	Z	0	0	0	%100
89	M87	X	.362	.362	0	%100
90	M87	Z	0	0	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	0	0	0	%100
93	M92A	X	.362	.362	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	1.107	1.107	0	%100
96	M93	Z	0	0	0	%100
97	M46	X	0	0	0	%100
98	M46	Z	0	0	0	%100
99	M80	X	1.166	1.166	0	%100
100	M80	Z	0	0	0	%100
101	M91	X	1.166	1.166	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	1.087	1.087	0	%100
104	M55	Z	0	0	0	%100
105	M66	X	1.166	1.166	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	0	0	0	%100
109	M79A	X	1.087	1.087	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	0	0	0	%100
113	M95	X	1.166	1.166	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	.469	.469	0	%100
116	OVP1	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	.137	.137	0	%100
2	M121	Z	.079	.079	0	%100
3	M122	X	.137	.137	0	%100
4	M122	Z	.079	.079	0	%100
5	M123	X	.55	.55	0	%100
6	M123	Z	.318	.318	0	%100
7	M100	X	.124	.124	0	%100
8	M100	Z	.072	.072	0	%100
9	M105	X	.124	.124	0	%100
10	M105	Z	.072	.072	0	%100
11	M106	X	.497	.497	0	%100
12	M106	Z	.287	.287	0	%100
13	M4	X	.558	.558	0	%100
14	M4	Z	.322	.322	0	%100
15	M52A	X	.558	.558	0	%100
16	M52A	Z	.322	.322	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	.157	.157	0	%100
20	M10	Z	.091	.091	0	%100
21	M43	X	.157	.157	0	%100
22	M43	Z	.091	.091	0	%100
23	M53	X	.157	.157	0	%100
24	M53	Z	.091	.091	0	%100
25	M54	X	.157	.157	0	%100
26	M54	Z	.091	.091	0	%100
27	M77A	X	.629	.629	0	%100
28	M77A	Z	.363	.363	0	%100
29	M78	X	.629	.629	0	%100
30	M78	Z	.363	.363	0	%100
31	MP3A	X	.497	.497	0	%100
32	MP3A	Z	.287	.287	0	%100
33	MP4A	X	.497	.497	0	%100
34	MP4A	Z	.287	.287	0	%100
35	MP2A	X	.497	.497	0	%100
36	MP2A	Z	.287	.287	0	%100
37	MP1A	X	.497	.497	0	%100
38	MP1A	Z	.287	.287	0	%100
39	MP3C	X	.497	.497	0	%100
40	MP3C	Z	.287	.287	0	%100
41	MP4C	X	.497	.497	0	%100
42	MP4C	Z	.287	.287	0	%100
43	MP2C	X	.497	.497	0	%100
44	MP2C	Z	.287	.287	0	%100
45	MP1C	X	.497	.497	0	%100
46	MP1C	Z	.287	.287	0	%100
47	MP3B	X	.497	.497	0	%100
48	MP3B	Z	.287	.287	0	%100
49	MP4B	X	.497	.497	0	%100
50	MP4B	Z	.287	.287	0	%100
51	MP2B	X	.497	.497	0	%100
52	MP2B	Z	.287	.287	0	%100
53	MP1B	X	.497	.497	0	%100
54	MP1B	Z	.287	.287	0	%100
55	M51B	X	.174	.174	0	%100
56	M51B	Z	.101	.101	0	%100
57	M52B	X	.697	.697	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
58	M52B	Z	.402	.402	0 %100
59	M58A	X	.697	.697	0 %100
60	M58A	Z	.402	.402	0 %100
61	M59A	X	.174	.174	0 %100
62	M59A	Z	.101	.101	0 %100
63	M82	X	.174	.174	0 %100
64	M82	Z	.101	.101	0 %100
65	M83A	X	.174	.174	0 %100
66	M83A	Z	.101	.101	0 %100
67	M1	X	.183	.183	0 %100
68	M1	Z	.106	.106	0 %100
69	M82A	X	.183	.183	0 %100
70	M82A	Z	.106	.106	0 %100
71	M91B	X	.732	.732	0 %100
72	M91B	Z	.423	.423	0 %100
73	M76	X	.941	.941	0 %100
74	M76	Z	.543	.543	0 %100
75	M77	X	.32	.32	0 %100
76	M77	Z	.184	.184	0 %100
77	M84	X	.941	.941	0 %100
78	M84	Z	.543	.543	0 %100
79	M85	X	1.278	1.278	0 %100
80	M85	Z	.738	.738	0 %100
81	M63	X	.941	.941	0 %100
82	M63	Z	.543	.543	0 %100
83	M64	X	1.278	1.278	0 %100
84	M64	Z	.738	.738	0 %100
85	M68	X	.941	.941	0 %100
86	M68	Z	.543	.543	0 %100
87	M69	X	.32	.32	0 %100
88	M69	Z	.184	.184	0 %100
89	M87	X	0	0	0 %100
90	M87	Z	0	0	0 %100
91	M88A	X	.32	.32	0 %100
92	M88A	Z	.184	.184	0 %100
93	M92A	X	0	0	0 %100
94	M92A	Z	0	0	0 %100
95	M93	X	.32	.32	0 %100
96	M93	Z	.184	.184	0 %100
97	M46	X	.314	.314	0 %100
98	M46	Z	.181	.181	0 %100
99	M80	X	.337	.337	0 %100
100	M80	Z	.194	.194	0 %100
101	M91	X	1.346	1.346	0 %100
102	M91	Z	.777	.777	0 %100
103	M55	X	.314	.314	0 %100
104	M55	Z	.181	.181	0 %100
105	M66	X	1.346	1.346	0 %100
106	M66	Z	.777	.777	0 %100
107	M71	X	.337	.337	0 %100
108	M71	Z	.194	.194	0 %100
109	M79A	X	1.255	1.255	0 %100
110	M79A	Z	.725	.725	0 %100
111	M90	X	.337	.337	0 %100
112	M90	Z	.194	.194	0 %100
113	M95	X	.337	.337	0 %100
114	M95	Z	.194	.194	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
115	OVP1	X	.406	.406	0	%100
116	OVP1	Z	.235	.235	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	0	0	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	.238	.238	0	%100
4	M122	Z	.412	.412	0	%100
5	M123	X	.238	.238	0	%100
6	M123	Z	.412	.412	0	%100
7	M100	X	.215	.215	0	%100
8	M100	Z	.373	.373	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	.215	.215	0	%100
12	M106	Z	.373	.373	0	%100
13	M4	X	.107	.107	0	%100
14	M4	Z	.186	.186	0	%100
15	M52A	X	.429	.429	0	%100
16	M52A	Z	.744	.744	0	%100
17	M76A	X	.107	.107	0	%100
18	M76A	Z	.186	.186	0	%100
19	M10	X	.272	.272	0	%100
20	M10	Z	.472	.472	0	%100
21	M43	X	.272	.272	0	%100
22	M43	Z	.472	.472	0	%100
23	M53	X	0	0	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	0	0	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	.272	.272	0	%100
28	M77A	Z	.472	.472	0	%100
29	M78	X	.272	.272	0	%100
30	M78	Z	.472	.472	0	%100
31	MP3A	X	.287	.287	0	%100
32	MP3A	Z	.497	.497	0	%100
33	MP4A	X	.287	.287	0	%100
34	MP4A	Z	.497	.497	0	%100
35	MP2A	X	.287	.287	0	%100
36	MP2A	Z	.497	.497	0	%100
37	MP1A	X	.287	.287	0	%100
38	MP1A	Z	.497	.497	0	%100
39	MP3C	X	.287	.287	0	%100
40	MP3C	Z	.497	.497	0	%100
41	MP4C	X	.287	.287	0	%100
42	MP4C	Z	.497	.497	0	%100
43	MP2C	X	.287	.287	0	%100
44	MP2C	Z	.497	.497	0	%100
45	MP1C	X	.287	.287	0	%100
46	MP1C	Z	.497	.497	0	%100
47	MP3B	X	.287	.287	0	%100
48	MP3B	Z	.497	.497	0	%100
49	MP4B	X	.287	.287	0	%100
50	MP4B	Z	.497	.497	0	%100
51	MP2B	X	.287	.287	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
52	MP2B	Z	.497	.497	0 %100
53	MP1B	X	.287	.287	0 %100
54	MP1B	Z	.497	.497	0 %100
55	M51B	X	0	0	0 %100
56	M51B	Z	0	0	0 %100
57	M52B	X	.302	.302	0 %100
58	M52B	Z	.523	.523	0 %100
59	M58A	X	.302	.302	0 %100
60	M58A	Z	.523	.523	0 %100
61	M59A	X	.302	.302	0 %100
62	M59A	Z	.523	.523	0 %100
63	M82	X	.302	.302	0 %100
64	M82	Z	.523	.523	0 %100
65	M83A	X	0	0	0 %100
66	M83A	Z	0	0	0 %100
67	M1	X	.317	.317	0 %100
68	M1	Z	.549	.549	0 %100
69	M82A	X	0	0	0 %100
70	M82A	Z	0	0	0 %100
71	M91B	X	.317	.317	0 %100
72	M91B	Z	.549	.549	0 %100
73	M76	X	.181	.181	0 %100
74	M76	Z	.314	.314	0 %100
75	M77	X	0	0	0 %100
76	M77	Z	0	0	0 %100
77	M84	X	.181	.181	0 %100
78	M84	Z	.314	.314	0 %100
79	M85	X	.553	.553	0 %100
80	M85	Z	.959	.959	0 %100
81	M63	X	.725	.725	0 %100
82	M63	Z	1.255	1.255	0 %100
83	M64	X	.553	.553	0 %100
84	M64	Z	.959	.959	0 %100
85	M68	X	.725	.725	0 %100
86	M68	Z	1.255	1.255	0 %100
87	M69	X	.553	.553	0 %100
88	M69	Z	.959	.959	0 %100
89	M87	X	.181	.181	0 %100
90	M87	Z	.314	.314	0 %100
91	M88A	X	.553	.553	0 %100
92	M88A	Z	.959	.959	0 %100
93	M92A	X	.181	.181	0 %100
94	M92A	Z	.314	.314	0 %100
95	M93	X	0	0	0 %100
96	M93	Z	0	0	0 %100
97	M46	X	.543	.543	0 %100
98	M46	Z	.941	.941	0 %100
99	M80	X	0	0	0 %100
100	M80	Z	0	0	0 %100
101	M91	X	.583	.583	0 %100
102	M91	Z	1.01	1.01	0 %100
103	M55	X	0	0	0 %100
104	M55	Z	0	0	0 %100
105	M66	X	.583	.583	0 %100
106	M66	Z	1.01	1.01	0 %100
107	M71	X	.583	.583	0 %100
108	M71	Z	1.01	1.01	0 %100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft, %]	End Location[ft, %]
109	M79A	X	.543	.543	0	%100
110	M79A	Z	.941	.941	0	%100
111	M90	X	.583	.583	0	%100
112	M90	Z	1.01	1.01	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	.235	.235	0	%100
116	OVP1	Z	.406	.406	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	0	0	0	%100
2	M121	Z	.159	.159	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	.635	.635	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	.159	.159	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	.574	.574	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	.143	.143	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	.143	.143	0	%100
13	M4	X	0	0	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	.644	.644	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	.644	.644	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	.727	.727	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	.727	.727	0	%100
23	M53	X	0	0	0	%100
24	M53	Z	.182	.182	0	%100
25	M54	X	0	0	0	%100
26	M54	Z	.182	.182	0	%100
27	M77A	X	0	0	0	%100
28	M77A	Z	.182	.182	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	.182	.182	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	.574	.574	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	.574	.574	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	.574	.574	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	.574	.574	0	%100
39	MP3C	X	0	0	0	%100
40	MP3C	Z	.574	.574	0	%100
41	MP4C	X	0	0	0	%100
42	MP4C	Z	.574	.574	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	.574	.574	0	%100
45	MP1C	X	0	0	0	%100





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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
46	MP1C	Z	.574	.574	0 %100
47	MP3B	X	0	0	0 %100
48	MP3B	Z	.574	.574	0 %100
49	MP4B	X	0	0	0 %100
50	MP4B	Z	.574	.574	0 %100
51	MP2B	X	0	0	0 %100
52	MP2B	Z	.574	.574	0 %100
53	MP1B	X	0	0	0 %100
54	MP1B	Z	.574	.574	0 %100
55	M51B	X	0	0	0 %100
56	M51B	Z	.201	.201	0 %100
57	M52B	X	0	0	0 %100
58	M52B	Z	.201	.201	0 %100
59	M58A	X	0	0	0 %100
60	M58A	Z	.201	.201	0 %100
61	M59A	X	0	0	0 %100
62	M59A	Z	.805	.805	0 %100
63	M82	X	0	0	0 %100
64	M82	Z	.805	.805	0 %100
65	M83A	X	0	0	0 %100
66	M83A	Z	.201	.201	0 %100
67	M1	X	0	0	0 %100
68	M1	Z	.845	.845	0 %100
69	M82A	X	0	0	0 %100
70	M82A	Z	.211	.211	0 %100
71	M91B	X	0	0	0 %100
72	M91B	Z	.211	.211	0 %100
73	M76	X	0	0	0 %100
74	M76	Z	0	0	0 %100
75	M77	X	0	0	0 %100
76	M77	Z	.369	.369	0 %100
77	M84	X	0	0	0 %100
78	M84	Z	0	0	0 %100
79	M85	X	0	0	0 %100
80	M85	Z	.369	.369	0 %100
81	M63	X	0	0	0 %100
82	M63	Z	1.087	1.087	0 %100
83	M64	X	0	0	0 %100
84	M64	Z	.369	.369	0 %100
85	M68	X	0	0	0 %100
86	M68	Z	1.087	1.087	0 %100
87	M69	X	0	0	0 %100
88	M69	Z	1.476	1.476	0 %100
89	M87	X	0	0	0 %100
90	M87	Z	1.087	1.087	0 %100
91	M88A	X	0	0	0 %100
92	M88A	Z	1.476	1.476	0 %100
93	M92A	X	0	0	0 %100
94	M92A	Z	1.087	1.087	0 %100
95	M93	X	0	0	0 %100
96	M93	Z	.369	.369	0 %100
97	M46	X	0	0	0 %100
98	M46	Z	1.449	1.449	0 %100
99	M80	X	0	0	0 %100
100	M80	Z	.389	.389	0 %100
101	M91	X	0	0	0 %100
102	M91	Z	.389	.389	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
103	M55	X	0	0	0	%100
104	M55	Z	.362	.362	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	.389	.389	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	1.555	1.555	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	.362	.362	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	1.555	1.555	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	.389	.389	0	%100
115	OVP1	X	0	0	0	%100
116	OVP1	Z	.469	.469	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	-.238	-.238	0	%100
2	M121	Z	.412	.412	0	%100
3	M122	X	-.238	-.238	0	%100
4	M122	Z	.412	.412	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	-.215	-.215	0	%100
8	M100	Z	.373	.373	0	%100
9	M105	X	-.215	-.215	0	%100
10	M105	Z	.373	.373	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	-.107	-.107	0	%100
14	M4	Z	.186	.186	0	%100
15	M52A	X	-.107	-.107	0	%100
16	M52A	Z	.186	.186	0	%100
17	M76A	X	-.429	-.429	0	%100
18	M76A	Z	.744	.744	0	%100
19	M10	X	-.272	-.272	0	%100
20	M10	Z	.472	.472	0	%100
21	M43	X	-.272	-.272	0	%100
22	M43	Z	.472	.472	0	%100
23	M53	X	-.272	-.272	0	%100
24	M53	Z	.472	.472	0	%100
25	M54	X	-.272	-.272	0	%100
26	M54	Z	.472	.472	0	%100
27	M77A	X	0	0	0	%100
28	M77A	Z	0	0	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	-.287	-.287	0	%100
32	MP3A	Z	.497	.497	0	%100
33	MP4A	X	-.287	-.287	0	%100
34	MP4A	Z	.497	.497	0	%100
35	MP2A	X	-.287	-.287	0	%100
36	MP2A	Z	.497	.497	0	%100
37	MP1A	X	-.287	-.287	0	%100
38	MP1A	Z	.497	.497	0	%100
39	MP3C	X	-.287	-.287	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
40	MP3C	Z	.497	.497	0 %100
41	MP4C	X	-.287	-.287	0 %100
42	MP4C	Z	.497	.497	0 %100
43	MP2C	X	-.287	-.287	0 %100
44	MP2C	Z	.497	.497	0 %100
45	MP1C	X	-.287	-.287	0 %100
46	MP1C	Z	.497	.497	0 %100
47	MP3B	X	-.287	-.287	0 %100
48	MP3B	Z	.497	.497	0 %100
49	MP4B	X	-.287	-.287	0 %100
50	MP4B	Z	.497	.497	0 %100
51	MP2B	X	-.287	-.287	0 %100
52	MP2B	Z	.497	.497	0 %100
53	MP1B	X	-.287	-.287	0 %100
54	MP1B	Z	.497	.497	0 %100
55	M51B	X	-.302	-.302	0 %100
56	M51B	Z	.523	.523	0 %100
57	M52B	X	0	0	0 %100
58	M52B	Z	0	0	0 %100
59	M58A	X	0	0	0 %100
60	M58A	Z	0	0	0 %100
61	M59A	X	-.302	-.302	0 %100
62	M59A	Z	.523	.523	0 %100
63	M82	X	-.302	-.302	0 %100
64	M82	Z	.523	.523	0 %100
65	M83A	X	-.302	-.302	0 %100
66	M83A	Z	.523	.523	0 %100
67	M1	X	-.317	-.317	0 %100
68	M1	Z	.549	.549	0 %100
69	M82A	X	-.317	-.317	0 %100
70	M82A	Z	.549	.549	0 %100
71	M91B	X	0	0	0 %100
72	M91B	Z	0	0	0 %100
73	M76	X	-.181	-.181	0 %100
74	M76	Z	.314	.314	0 %100
75	M77	X	-.553	-.553	0 %100
76	M77	Z	.959	.959	0 %100
77	M84	X	-.181	-.181	0 %100
78	M84	Z	.314	.314	0 %100
79	M85	X	0	0	0 %100
80	M85	Z	0	0	0 %100
81	M63	X	-.181	-.181	0 %100
82	M63	Z	.314	.314	0 %100
83	M64	X	0	0	0 %100
84	M64	Z	0	0	0 %100
85	M68	X	-.181	-.181	0 %100
86	M68	Z	.314	.314	0 %100
87	M69	X	-.553	-.553	0 %100
88	M69	Z	.959	.959	0 %100
89	M87	X	-.725	-.725	0 %100
90	M87	Z	1.255	1.255	0 %100
91	M88A	X	-.553	-.553	0 %100
92	M88A	Z	.959	.959	0 %100
93	M92A	X	-.725	-.725	0 %100
94	M92A	Z	1.255	1.255	0 %100
95	M93	X	-.553	-.553	0 %100
96	M93	Z	.959	.959	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft.%]	End Location[ft.%]
97	M46	X	-.543	-.543	0	%100
98	M46	Z	.941	.941	0	%100
99	M80	X	-.583	-.583	0	%100
100	M80	Z	1.01	1.01	0	%100
101	M91	X	0	0	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	-.543	-.543	0	%100
104	M55	Z	.941	.941	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	-.583	-.583	0	%100
108	M71	Z	1.01	1.01	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	-.583	-.583	0	%100
112	M90	Z	1.01	1.01	0	%100
113	M95	X	-.583	-.583	0	%100
114	M95	Z	1.01	1.01	0	%100
115	OVP1	X	-.235	-.235	0	%100
116	OVP1	Z	.406	.406	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	-.55	-.55	0	%100
2	M121	Z	.318	.318	0	%100
3	M122	X	-.137	-.137	0	%100
4	M122	Z	.079	.079	0	%100
5	M123	X	-.137	-.137	0	%100
6	M123	Z	.079	.079	0	%100
7	M100	X	-.124	-.124	0	%100
8	M100	Z	.072	.072	0	%100
9	M105	X	-.497	-.497	0	%100
10	M105	Z	.287	.287	0	%100
11	M106	X	-.124	-.124	0	%100
12	M106	Z	.072	.072	0	%100
13	M4	X	-.558	-.558	0	%100
14	M4	Z	.322	.322	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	-.558	-.558	0	%100
18	M76A	Z	.322	.322	0	%100
19	M10	X	-.157	-.157	0	%100
20	M10	Z	.091	.091	0	%100
21	M43	X	-.157	-.157	0	%100
22	M43	Z	.091	.091	0	%100
23	M53	X	-.629	-.629	0	%100
24	M53	Z	.363	.363	0	%100
25	M54	X	-.629	-.629	0	%100
26	M54	Z	.363	.363	0	%100
27	M77A	X	-.157	-.157	0	%100
28	M77A	Z	.091	.091	0	%100
29	M78	X	-.157	-.157	0	%100
30	M78	Z	.091	.091	0	%100
31	MP3A	X	-.497	-.497	0	%100
32	MP3A	Z	.287	.287	0	%100
33	MP4A	X	-.497	-.497	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
34	MP4A	Z	.287	.287	0 %100
35	MP2A	X	-.497	-.497	0 %100
36	MP2A	Z	.287	.287	0 %100
37	MP1A	X	-.497	-.497	0 %100
38	MP1A	Z	.287	.287	0 %100
39	MP3C	X	-.497	-.497	0 %100
40	MP3C	Z	.287	.287	0 %100
41	MP4C	X	-.497	-.497	0 %100
42	MP4C	Z	.287	.287	0 %100
43	MP2C	X	-.497	-.497	0 %100
44	MP2C	Z	.287	.287	0 %100
45	MP1C	X	-.497	-.497	0 %100
46	MP1C	Z	.287	.287	0 %100
47	MP3B	X	-.497	-.497	0 %100
48	MP3B	Z	.287	.287	0 %100
49	MP4B	X	-.497	-.497	0 %100
50	MP4B	Z	.287	.287	0 %100
51	MP2B	X	-.497	-.497	0 %100
52	MP2B	Z	.287	.287	0 %100
53	MP1B	X	-.497	-.497	0 %100
54	MP1B	Z	.287	.287	0 %100
55	M51B	X	-.697	-.697	0 %100
56	M51B	Z	.402	.402	0 %100
57	M52B	X	-.174	-.174	0 %100
58	M52B	Z	.101	.101	0 %100
59	M58A	X	-.174	-.174	0 %100
60	M58A	Z	.101	.101	0 %100
61	M59A	X	-.174	-.174	0 %100
62	M59A	Z	.101	.101	0 %100
63	M82	X	-.174	-.174	0 %100
64	M82	Z	.101	.101	0 %100
65	M83A	X	-.697	-.697	0 %100
66	M83A	Z	.402	.402	0 %100
67	M1	X	-.183	-.183	0 %100
68	M1	Z	.106	.106	0 %100
69	M82A	X	-.732	-.732	0 %100
70	M82A	Z	.423	.423	0 %100
71	M91B	X	-.183	-.183	0 %100
72	M91B	Z	.106	.106	0 %100
73	M76	X	-.941	-.941	0 %100
74	M76	Z	.543	.543	0 %100
75	M77	X	-1.278	-1.278	0 %100
76	M77	Z	.738	.738	0 %100
77	M84	X	-.941	-.941	0 %100
78	M84	Z	.543	.543	0 %100
79	M85	X	-.32	-.32	0 %100
80	M85	Z	.184	.184	0 %100
81	M63	X	0	0	0 %100
82	M63	Z	0	0	0 %100
83	M64	X	-.32	-.32	0 %100
84	M64	Z	.184	.184	0 %100
85	M68	X	0	0	0 %100
86	M68	Z	0	0	0 %100
87	M69	X	-.32	-.32	0 %100
88	M69	Z	.184	.184	0 %100
89	M87	X	-.941	-.941	0 %100
90	M87	Z	.543	.543	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
91	M88A	X	-.32	-.32	0	%100
92	M88A	Z	.184	.184	0	%100
93	M92A	X	-.941	-.941	0	%100
94	M92A	Z	.543	.543	0	%100
95	M93	X	-1.278	-1.278	0	%100
96	M93	Z	.738	.738	0	%100
97	M46	X	-.314	-.314	0	%100
98	M46	Z	.181	.181	0	%100
99	M80	X	-1.346	-1.346	0	%100
100	M80	Z	.777	.777	0	%100
101	M91	X	-.337	-.337	0	%100
102	M91	Z	.194	.194	0	%100
103	M55	X	-1.255	-1.255	0	%100
104	M55	Z	.725	.725	0	%100
105	M66	X	-.337	-.337	0	%100
106	M66	Z	.194	.194	0	%100
107	M71	X	-.337	-.337	0	%100
108	M71	Z	.194	.194	0	%100
109	M79A	X	-.314	-.314	0	%100
110	M79A	Z	.181	.181	0	%100
111	M90	X	-.337	-.337	0	%100
112	M90	Z	.194	.194	0	%100
113	M95	X	-1.346	-1.346	0	%100
114	M95	Z	.777	.777	0	%100
115	OVP1	X	-.406	-.406	0	%100
116	OVP1	Z	.235	.235	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	-.476	-.476	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	0	0	0	%100
5	M123	X	-.476	-.476	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	0	0	0	%100
9	M105	X	-.43	-.43	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	-.43	-.43	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	-.859	-.859	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	-.215	-.215	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	-.215	-.215	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	0	0	0	%100
23	M53	X	-.545	-.545	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	-.545	-.545	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	-.545	-.545	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
28	M77A	Z	0	0	0	%100
29	M78	X	-.545	-.545	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	-.574	-.574	0	%100
32	MP3A	Z	0	0	0	%100
33	MP4A	X	-.574	-.574	0	%100
34	MP4A	Z	0	0	0	%100
35	MP2A	X	-.574	-.574	0	%100
36	MP2A	Z	0	0	0	%100
37	MP1A	X	-.574	-.574	0	%100
38	MP1A	Z	0	0	0	%100
39	MP3C	X	-.574	-.574	0	%100
40	MP3C	Z	0	0	0	%100
41	MP4C	X	-.574	-.574	0	%100
42	MP4C	Z	0	0	0	%100
43	MP2C	X	-.574	-.574	0	%100
44	MP2C	Z	0	0	0	%100
45	MP1C	X	-.574	-.574	0	%100
46	MP1C	Z	0	0	0	%100
47	MP3B	X	-.574	-.574	0	%100
48	MP3B	Z	0	0	0	%100
49	MP4B	X	-.574	-.574	0	%100
50	MP4B	Z	0	0	0	%100
51	MP2B	X	-.574	-.574	0	%100
52	MP2B	Z	0	0	0	%100
53	MP1B	X	-.574	-.574	0	%100
54	MP1B	Z	0	0	0	%100
55	M51B	X	-.604	-.604	0	%100
56	M51B	Z	0	0	0	%100
57	M52B	X	-.604	-.604	0	%100
58	M52B	Z	0	0	0	%100
59	M58A	X	-.604	-.604	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	0	0	0	%100
65	M83A	X	-.604	-.604	0	%100
66	M83A	Z	0	0	0	%100
67	M1	X	0	0	0	%100
68	M1	Z	0	0	0	%100
69	M82A	X	-.634	-.634	0	%100
70	M82A	Z	0	0	0	%100
71	M91B	X	-.634	-.634	0	%100
72	M91B	Z	0	0	0	%100
73	M76	X	-1.449	-1.449	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	-1.107	-1.107	0	%100
76	M77	Z	0	0	0	%100
77	M84	X	-1.449	-1.449	0	%100
78	M84	Z	0	0	0	%100
79	M85	X	-1.107	-1.107	0	%100
80	M85	Z	0	0	0	%100
81	M63	X	-.362	-.362	0	%100
82	M63	Z	0	0	0	%100
83	M64	X	-1.107	-1.107	0	%100
84	M64	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
85	M68	X	-0.362	-0.362	0	%100
86	M68	Z	0	0	0	%100
87	M69	X	0	0	0	%100
88	M69	Z	0	0	0	%100
89	M87	X	-0.362	-0.362	0	%100
90	M87	Z	0	0	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	0	0	0	%100
93	M92A	X	-0.362	-0.362	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	-1.107	-1.107	0	%100
96	M93	Z	0	0	0	%100
97	M46	X	0	0	0	%100
98	M46	Z	0	0	0	%100
99	M80	X	-1.166	-1.166	0	%100
100	M80	Z	0	0	0	%100
101	M91	X	-1.166	-1.166	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	-1.087	-1.087	0	%100
104	M55	Z	0	0	0	%100
105	M66	X	-1.166	-1.166	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	0	0	0	%100
109	M79A	X	-1.087	-1.087	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	0	0	0	%100
113	M95	X	-1.166	-1.166	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	-0.469	-0.469	0	%100
116	OVP1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	-0.137	-0.137	0	%100
2	M121	Z	-0.079	-0.079	0	%100
3	M122	X	-0.137	-0.137	0	%100
4	M122	Z	-0.079	-0.079	0	%100
5	M123	X	-0.55	-0.55	0	%100
6	M123	Z	-0.318	-0.318	0	%100
7	M100	X	-0.124	-0.124	0	%100
8	M100	Z	-0.072	-0.072	0	%100
9	M105	X	-0.124	-0.124	0	%100
10	M105	Z	-0.072	-0.072	0	%100
11	M106	X	-0.497	-0.497	0	%100
12	M106	Z	-0.287	-0.287	0	%100
13	M4	X	-0.558	-0.558	0	%100
14	M4	Z	-0.322	-0.322	0	%100
15	M52A	X	-0.558	-0.558	0	%100
16	M52A	Z	-0.322	-0.322	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	-0.157	-0.157	0	%100
20	M10	Z	-0.091	-0.091	0	%100
21	M43	X	-0.157	-0.157	0	%100





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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
22	M43	Z	-091	-091	0 %100
23	M53	X	-157	-157	0 %100
24	M53	Z	-091	-091	0 %100
25	M54	X	-157	-157	0 %100
26	M54	Z	-091	-091	0 %100
27	M77A	X	-629	-629	0 %100
28	M77A	Z	-363	-363	0 %100
29	M78	X	-629	-629	0 %100
30	M78	Z	-363	-363	0 %100
31	MP3A	X	-497	-497	0 %100
32	MP3A	Z	-287	-287	0 %100
33	MP4A	X	-497	-497	0 %100
34	MP4A	Z	-287	-287	0 %100
35	MP2A	X	-497	-497	0 %100
36	MP2A	Z	-287	-287	0 %100
37	MP1A	X	-497	-497	0 %100
38	MP1A	Z	-287	-287	0 %100
39	MP3C	X	-497	-497	0 %100
40	MP3C	Z	-287	-287	0 %100
41	MP4C	X	-497	-497	0 %100
42	MP4C	Z	-287	-287	0 %100
43	MP2C	X	-497	-497	0 %100
44	MP2C	Z	-287	-287	0 %100
45	MP1C	X	-497	-497	0 %100
46	MP1C	Z	-287	-287	0 %100
47	MP3B	X	-497	-497	0 %100
48	MP3B	Z	-287	-287	0 %100
49	MP4B	X	-497	-497	0 %100
50	MP4B	Z	-287	-287	0 %100
51	MP2B	X	-497	-497	0 %100
52	MP2B	Z	-287	-287	0 %100
53	MP1B	X	-497	-497	0 %100
54	MP1B	Z	-287	-287	0 %100
55	M51B	X	-174	-174	0 %100
56	M51B	Z	-101	-101	0 %100
57	M52B	X	-697	-697	0 %100
58	M52B	Z	-402	-402	0 %100
59	M58A	X	-697	-697	0 %100
60	M58A	Z	-402	-402	0 %100
61	M59A	X	-174	-174	0 %100
62	M59A	Z	-101	-101	0 %100
63	M82	X	-174	-174	0 %100
64	M82	Z	-101	-101	0 %100
65	M83A	X	-174	-174	0 %100
66	M83A	Z	-101	-101	0 %100
67	M1	X	-183	-183	0 %100
68	M1	Z	-106	-106	0 %100
69	M82A	X	-183	-183	0 %100
70	M82A	Z	-106	-106	0 %100
71	M91B	X	-732	-732	0 %100
72	M91B	Z	-423	-423	0 %100
73	M76	X	-941	-941	0 %100
74	M76	Z	-543	-543	0 %100
75	M77	X	-32	-32	0 %100
76	M77	Z	-184	-184	0 %100
77	M84	X	-941	-941	0 %100
78	M84	Z	-543	-543	0 %100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%,]	End Location[ft.%,]
79	M85	X	-1.278	-1.278	0	%100
80	M85	Z	-0.738	-0.738	0	%100
81	M63	X	-0.941	-0.941	0	%100
82	M63	Z	-0.543	-0.543	0	%100
83	M64	X	-1.278	-1.278	0	%100
84	M64	Z	-0.738	-0.738	0	%100
85	M68	X	-0.941	-0.941	0	%100
86	M68	Z	-0.543	-0.543	0	%100
87	M69	X	-0.32	-0.32	0	%100
88	M69	Z	-0.184	-0.184	0	%100
89	M87	X	0	0	0	%100
90	M87	Z	0	0	0	%100
91	M88A	X	-0.32	-0.32	0	%100
92	M88A	Z	-0.184	-0.184	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	-0.32	-0.32	0	%100
96	M93	Z	-0.184	-0.184	0	%100
97	M46	X	-0.314	-0.314	0	%100
98	M46	Z	-0.181	-0.181	0	%100
99	M80	X	-0.337	-0.337	0	%100
100	M80	Z	-0.194	-0.194	0	%100
101	M91	X	-1.346	-1.346	0	%100
102	M91	Z	-0.777	-0.777	0	%100
103	M55	X	-0.314	-0.314	0	%100
104	M55	Z	-0.181	-0.181	0	%100
105	M66	X	-1.346	-1.346	0	%100
106	M66	Z	-0.777	-0.777	0	%100
107	M71	X	-0.337	-0.337	0	%100
108	M71	Z	-0.194	-0.194	0	%100
109	M79A	X	-1.255	-1.255	0	%100
110	M79A	Z	-0.725	-0.725	0	%100
111	M90	X	-0.337	-0.337	0	%100
112	M90	Z	-0.194	-0.194	0	%100
113	M95	X	-0.337	-0.337	0	%100
114	M95	Z	-0.194	-0.194	0	%100
115	OVP1	X	-0.406	-0.406	0	%100
116	OVP1	Z	-0.235	-0.235	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%,]	End Location[ft.%,]
1	M121	X	0	0	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	-0.238	-0.238	0	%100
4	M122	Z	-0.412	-0.412	0	%100
5	M123	X	-0.238	-0.238	0	%100
6	M123	Z	-0.412	-0.412	0	%100
7	M100	X	-0.215	-0.215	0	%100
8	M100	Z	-0.373	-0.373	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	-0.215	-0.215	0	%100
12	M106	Z	-0.373	-0.373	0	%100
13	M4	X	-0.107	-0.107	0	%100
14	M4	Z	-0.186	-0.186	0	%100
15	M52A	X	-0.429	-0.429	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
16	M52A	Z	-0.744	-0.744	0 %100
17	M76A	X	-0.107	-0.107	0 %100
18	M76A	Z	-0.186	-0.186	0 %100
19	M10	X	-0.272	-0.272	0 %100
20	M10	Z	-0.472	-0.472	0 %100
21	M43	X	-0.272	-0.272	0 %100
22	M43	Z	-0.472	-0.472	0 %100
23	M53	X	0	0	0 %100
24	M53	Z	0	0	0 %100
25	M54	X	0	0	0 %100
26	M54	Z	0	0	0 %100
27	M77A	X	-0.272	-0.272	0 %100
28	M77A	Z	-0.472	-0.472	0 %100
29	M78	X	-0.272	-0.272	0 %100
30	M78	Z	-0.472	-0.472	0 %100
31	MP3A	X	-0.287	-0.287	0 %100
32	MP3A	Z	-0.497	-0.497	0 %100
33	MP4A	X	-0.287	-0.287	0 %100
34	MP4A	Z	-0.497	-0.497	0 %100
35	MP2A	X	-0.287	-0.287	0 %100
36	MP2A	Z	-0.497	-0.497	0 %100
37	MP1A	X	-0.287	-0.287	0 %100
38	MP1A	Z	-0.497	-0.497	0 %100
39	MP3C	X	-0.287	-0.287	0 %100
40	MP3C	Z	-0.497	-0.497	0 %100
41	MP4C	X	-0.287	-0.287	0 %100
42	MP4C	Z	-0.497	-0.497	0 %100
43	MP2C	X	-0.287	-0.287	0 %100
44	MP2C	Z	-0.497	-0.497	0 %100
45	MP1C	X	-0.287	-0.287	0 %100
46	MP1C	Z	-0.497	-0.497	0 %100
47	MP3B	X	-0.287	-0.287	0 %100
48	MP3B	Z	-0.497	-0.497	0 %100
49	MP4B	X	-0.287	-0.287	0 %100
50	MP4B	Z	-0.497	-0.497	0 %100
51	MP2B	X	-0.287	-0.287	0 %100
52	MP2B	Z	-0.497	-0.497	0 %100
53	MP1B	X	-0.287	-0.287	0 %100
54	MP1B	Z	-0.497	-0.497	0 %100
55	M51B	X	0	0	0 %100
56	M51B	Z	0	0	0 %100
57	M52B	X	-0.302	-0.302	0 %100
58	M52B	Z	-0.523	-0.523	0 %100
59	M58A	X	-0.302	-0.302	0 %100
60	M58A	Z	-0.523	-0.523	0 %100
61	M59A	X	-0.302	-0.302	0 %100
62	M59A	Z	-0.523	-0.523	0 %100
63	M82	X	-0.302	-0.302	0 %100
64	M82	Z	-0.523	-0.523	0 %100
65	M83A	X	0	0	0 %100
66	M83A	Z	0	0	0 %100
67	M1	X	-0.317	-0.317	0 %100
68	M1	Z	-0.549	-0.549	0 %100
69	M82A	X	0	0	0 %100
70	M82A	Z	0	0	0 %100
71	M91B	X	-0.317	-0.317	0 %100
72	M91B	Z	-0.549	-0.549	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
73	M76	X	- .181	- .181	0	%100
74	M76	Z	- .314	- .314	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	0	0	0	%100
77	M84	X	- .181	- .181	0	%100
78	M84	Z	- .314	- .314	0	%100
79	M85	X	- .553	- .553	0	%100
80	M85	Z	- .959	- .959	0	%100
81	M63	X	- .725	- .725	0	%100
82	M63	Z	- 1.255	- 1.255	0	%100
83	M64	X	- .553	- .553	0	%100
84	M64	Z	- .959	- .959	0	%100
85	M68	X	- .725	- .725	0	%100
86	M68	Z	- 1.255	- 1.255	0	%100
87	M69	X	- .553	- .553	0	%100
88	M69	Z	- .959	- .959	0	%100
89	M87	X	- .181	- .181	0	%100
90	M87	Z	- .314	- .314	0	%100
91	M88A	X	- .553	- .553	0	%100
92	M88A	Z	- .959	- .959	0	%100
93	M92A	X	- .181	- .181	0	%100
94	M92A	Z	- .314	- .314	0	%100
95	M93	X	0	0	0	%100
96	M93	Z	0	0	0	%100
97	M46	X	- .543	- .543	0	%100
98	M46	Z	- .941	- .941	0	%100
99	M80	X	0	0	0	%100
100	M80	Z	0	0	0	%100
101	M91	X	- .583	- .583	0	%100
102	M91	Z	- 1.01	- 1.01	0	%100
103	M55	X	0	0	0	%100
104	M55	Z	0	0	0	%100
105	M66	X	- .583	- .583	0	%100
106	M66	Z	- 1.01	- 1.01	0	%100
107	M71	X	- .583	- .583	0	%100
108	M71	Z	- 1.01	- 1.01	0	%100
109	M79A	X	- .543	- .543	0	%100
110	M79A	Z	- .941	- .941	0	%100
111	M90	X	- .583	- .583	0	%100
112	M90	Z	- 1.01	- 1.01	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	- .235	- .235	0	%100
116	OVP1	Z	- .406	- .406	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M58A	Y	- 1.597	- 4.066	0	.832
2	M58A	Y	- 4.066	- 6.636	.832	1.665
3	M58A	Y	- 6.636	- 7.874	1.665	2.497
4	M58A	Y	- 7.874	- 6.293	2.497	3.329
5	M58A	Y	- 6.293	- 3.33	3.329	4.162
6	M59A	Y	- 3.329	- 6.32	0	.832
7	M59A	Y	- 6.32	- 7.943	.832	1.665
8	M59A	Y	- 7.943	- 6.773	1.665	2.497
9	M59A	Y	- 6.773	- 4.256	2.497	3.329



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
10	M59A	Y	-4.256	-1.812	3.329	4.162
11	M51B	Y	-1.807	-4.258	0	.832
12	M51B	Y	-4.258	-6.771	.832	1.665
13	M51B	Y	-6.771	-7.939	1.665	2.497
14	M51B	Y	-7.939	-6.325	2.497	3.329
15	M51B	Y	-6.325	-3.336	3.329	4.162
16	M52B	Y	-3.33	-6.293	0	.832
17	M52B	Y	-6.293	-7.874	.832	1.665
18	M52B	Y	-7.874	-6.634	1.665	2.497
19	M52B	Y	-6.634	-4.064	2.497	3.329
20	M52B	Y	-4.064	-1.601	3.329	4.162
21	M82	Y	-1.812	-4.256	0	.832
22	M82	Y	-4.256	-6.773	.832	1.665
23	M82	Y	-6.773	-7.943	1.665	2.497
24	M82	Y	-7.943	-6.32	2.497	3.329
25	M82	Y	-6.32	-3.329	3.329	4.162
26	M83A	Y	-3.33	-6.293	0	.832
27	M83A	Y	-6.293	-7.874	.832	1.665
28	M83A	Y	-7.874	-6.636	1.665	2.497
29	M83A	Y	-6.636	-4.066	2.497	3.329
30	M83A	Y	-4.066	-1.597	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M58A	Y	-3.355	-8.538	0	.832
2	M58A	Y	-8.538	-13.936	.832	1.665
3	M58A	Y	-13.936	-16.535	1.665	2.497
4	M58A	Y	-16.535	-13.215	2.497	3.329
5	M58A	Y	-13.215	-6.993	3.329	4.162
6	M59A	Y	-6.99	-13.273	0	.832
7	M59A	Y	-13.273	-16.68	.832	1.665
8	M59A	Y	-16.68	-14.224	1.665	2.497
9	M59A	Y	-14.224	-8.937	2.497	3.329
10	M59A	Y	-8.937	-3.805	3.329	4.162
11	M51B	Y	-3.795	-8.942	0	.832
12	M51B	Y	-8.942	-14.219	.832	1.665
13	M51B	Y	-14.219	-16.671	1.665	2.497
14	M51B	Y	-16.671	-13.282	2.497	3.329
15	M51B	Y	-13.282	-7.006	3.329	4.162
16	M52B	Y	-6.992	-13.215	0	.832
17	M52B	Y	-13.215	-16.535	.832	1.665
18	M52B	Y	-16.535	-13.932	1.665	2.497
19	M52B	Y	-13.932	-8.535	2.497	3.329
20	M52B	Y	-8.535	-3.363	3.329	4.162
21	M82	Y	-3.805	-8.937	0	.832
22	M82	Y	-8.937	-14.224	.832	1.665
23	M82	Y	-14.224	-16.68	1.665	2.497
24	M82	Y	-16.68	-13.273	2.497	3.329
25	M82	Y	-13.273	-6.99	3.329	4.162
26	M83A	Y	-6.993	-13.215	0	.832
27	M83A	Y	-13.215	-16.535	.832	1.665
28	M83A	Y	-16.535	-13.936	1.665	2.497
29	M83A	Y	-13.936	-8.538	2.497	3.329
30	M83A	Y	-8.538	-3.355	3.329	4.162



**Member Area Loads (BLC 39 : Structure D)**

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N113	N111	N89	N90	Y	Two Way	-.005
2	N7	N87B	N87C	N6	Y	Two Way	-.005
3	N141	N118	N117	N139	Y	Two Way	-.005

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N113	N111	N89	N90	Y	Two Way	-.011
2	N7	N87B	N87C	N6	Y	Two Way	-.011
3	N141	N118	N117	N139	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	N3	max	1205.463	10	2617.742	13	2678.367	1	6.103	1	1.527	4	.231	4
2		min	-1221.371	4	-12.02	7	-2836.826	7	-1.895	7	-1.547	10	-.094	10
3	N87D	max	2449.977	9	2523.631	21	1480.291	3	1.167	3	1.32	12	1.865	3
4		min	-2579.912	3	-163.86	3	-1386.489	9	-3.168	9	-1.341	6	-5.573	9
5	N115	max	2317.306	11	2480.555	17	1420.449	1	.856	11	1.408	8	5.194	5
6		min	-2171.048	5	-62.287	11	-1356.846	7	-3.048	5	-1.426	2	-1.631	11
7	Totals:	max	5724.01	10	6810.527	14	5448.932	1						
8		min	-5724.009	4	3247.406	8	-5448.923	7						

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

Member	Shape	Code Check	Loc[ft]	LC	Sh...	Lo.....	LC	phi*...	phi*...	phi*...	phi*...	Eqn
1	MP3B PIPE_...	.612	5.5	9	.150	5.5	6	1491.	.32130	1.872	1.872	H1-...
2	MP2A PIPE_...	.583	5.5	9	.158	5.5	10	1491.	.32130	1.872	1.872	H1-...
3	MP3A PIPE_...	.569	5.5	4	.163	5.5	2	1491.	.32130	1.872	1.872	H1-...
4	MP3C PIPE_...	.560	5.5	1	.166	5.5	10	1491.	.32130	1.872	1.872	H1-...
5	MP2B PIPE_...	.557	5.5	2	.162	2.5	10	1491.	.32130	1.872	1.872	H1-...
6	MP2C PIPE_...	.542	5.5	5	.160	2.5	2	1491.	.32130	1.872	1.872	H1-...
7	M121 L2.5x2...	.526	0	10	.214	.448z	6	3773.	.38556	1.114	2.537	H2-1
8	M122 L2.5x2...	.521	0	3	.238	0 z	10	3773.	.38556	1.114	2.537	H2-1
9	M123 L2.5x2...	.514	0	7	.235	0 z	2	3773.	.38556	1.114	2.537	H2-1
10	MP4B PIPE_...	.487	5.5	10	.269	2.5	11	1491.	.32130	1.872	1.872	H3-6
11	M106 PIPE_...	.479	11.068	9	.225	1....	10	6295.	.32130	1.872	1.872	H1-...
12	MP4C PIPE_...	.451	2.5	3	.281	2.5	3	1491.	.32130	1.872	1.872	H3-6
13	MP1A PIPE_...	.451	5.5	8	.277	2.5	7	1491.	.32130	1.872	1.872	H3-6
14	MP1C PIPE_...	.445	5.5	4	.291	2.5	3	1491.	.32130	1.872	1.872	H3-6
15	M105 PIPE_...	.444	11.068	1	.222	1....	3	6295.	.32130	1.872	1.872	H1-...
16	M100 PIPE_...	.441	11.068	5	.216	1....	7	6295.	.32130	1.872	1.872	H1-...
17	MP4A PIPE_...	.435	5.5	5	.269	2.5	7	1491.	.32130	1.872	1.872	H1-...
18	M52A HSS4...	.410	0	9	.074	0 y	22	1246.	.1395...	.16.1...	.16.1...	H1-...
19	MP1B PIPE_...	.393	5.5	1	.281	2.5	11	1491.	.32130	1.872	1.872	H1-...
20	M4 HSS4...	.392	0	1	.080	0 y	14	1246.	.1395...	.16.1...	.16.1...	H1-...
21	M76A HSS4...	.385	0	4	.097	0 y	30	1246.	.1395...	.16.1...	.16.1...	H1-...
22	M87 PL3/8x6	.349	0	2	.260	0 y	9	7067.	.72900	.57	9.113	H1-...
23	M76 PL3/8x6	.349	0	10	.244	0 y	5	7067.	.72900	.57	9.113	H1-...
24	M69 PL3/8x6	.309	.167	3	.341	0 y	21	7160.	.72900	.57	9.113	H1-...
25	M63 PL3/8x6	.304	0	6	.246	0 y	2	7067.	.72900	.57	9.113	H1-...
26	M84 PL3/8x6	.290	0	10	.330	0 y	9	7067.	.72900	.57	9.113	H1-...
27	M64 PL3/8x6	.287	.167	3	.355	0 y	21	7160.	.72900	.57	9.113	H1-...
28	M93 PL3/8x6	.281	.167	11	.337	0 y	16	7160.	.72900	.57	9.113	H1-...
29	M85 PL3/8x6	.277	.167	7	.336	0 y	13	7160.	.72900	.57	9.113	H1-...





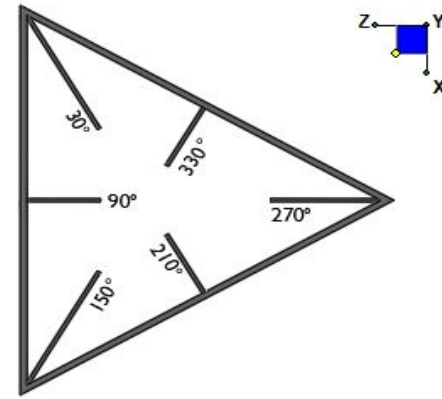
**Envelope AISC 15th(360-16): LRFD Steel Code Checks (Continued)**

Member	Shape	Code Check	Loc[ft]	LC	Sh...	Lo.....	LC	phi*...	phi*...	phi*...	phi*...	Eqn
30	M92A	PL3/8x6	.267	0	2	.313	0 y	1	7067.	72900	.57	9.113 ...H1-..
31	M77	PL3/8x6	.257	.167	8	.350	0 y	14	7160.	72900	.57	9.113 ...H1-..
32	M88A	PL3/8x6	.256	.167	11	.351	0 y	17	7160.	72900	.57	9.113 ...H1-..
33	M68	PL3/8x6	.245	0	6	.318	0 y	4	7067.	72900	.57	9.113 ...H1-..
34	M55	PL1/2x6	.199	.516	9	.126	.516y	7	6600.	97200	1.012	12.15 ...H1-..
35	M1	PIPE_...	.198	7.682	9	.149	7....	7	2825.	65205	5.749	5.749 ...H1-..
36	M91B	PIPE_...	.186	7.682	2	.146	7....	11	2825.	65205	5.749	5.749 ...H1-..
37	M53	HSS4...	.183	2.375	10	.061	.223z	9	1362.	1395.	16.1...	16.1...H1-..
38	M82A	PIPE_...	.183	7.682	5	.154	7....	3	2825.	65205	5.749	5.749 ...H1-..
39	M79A	PL1/2x6	.180	.516	5	.135	.516y	3	6600.	97200	1.012	12.15 ...H1-..
40	M10	HSS4...	.179	2.375	2	.056	.223z	1	1362.	1395.	16.1...	16.1...H1-..
41	M46	PL1/2x6	.179	.516	1	.129	1....y	4	6600.	97200	1.012	12.15 ...H1-..
42	M54	HSS4...	.178	0	8	.061	2....z	9	1362.	1395.	16.1...	16.1...H1-..
43	M78	HSS4...	.177	0	4	.056	2....z	5	1362.	1395.	16.1...	16.1...H1-..
44	M77A	HSS4...	.175	2.375	18	.056	.223z	5	1362.	1395.	16.1...	16.1...H1-..
45	M43	HSS4...	.168	0	24	.055	2....z	1	1362.	1395.	16.1...	16.1...H1-..
46	M58A	L2x2x3	.167	4.162	9	.012	4....y	13	9823.	2339.	.558	1.078 ...H2-1
47	M59A	L2x2x3	.165	0	9	.012	4....y	17	9823.	2339.	.558	1.078 ...H2-1
48	M51B	L2x2x3	.156	4.162	2	.012	0 y	17	9823.	2339.	.558	1.091 ...H2-1
49	M82	L2x2x3	.151	4.162	5	.012	0 y	21	9823.	2339.	.558	1.078 ...H2-1
50	M83A	L2x2x3	.151	0	4	.012	4....y	13	9823.	2339.	.558	1.092 ...H2-1
51	M52B	L2x2x3	.147	0	1	.012	4....y	21	9823.	2339.	.558	1.078 ...H2-1
52	M71	PL1/2x6	.089	.112	9	.118	.112y	5	9675.	97200	1.012	12.15 ...H1-..
53	M66	PL1/2x6	.085	.112	9	.121	0 y	7	9675.	97200	1.012	12.15 ...H1-..
54	M95	PL1/2x6	.082	.112	5	.118	.112y	1	9675.	97200	1.012	12.15 ...H1-..
55	M91	PL1/2x6	.081	.112	1	.129	.112y	9	9675.	97200	1.012	12.15 ...H1-..
56	M90	PL1/2x6	.077	.112	5	.132	0 y	3	9675.	97200	1.012	12.15 ...H1-..
57	M80	PL1/2x6	.077	.112	1	.122	0 y	11	9675.	97200	1.012	12.15 ...H1-..
58	OVP1	PIPE_...	.047	1.5	12	.017	1.5	12	2884.	32130	1.872	1.872 ...H1-..

## I. Mount-to-Tower Connection Check

### RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
N3	270
N115	150
N87D	30



TYPICAL PLATFORM

### Tower Connection Bolt Checks

Any moment resistance?:

Bolt Quantity per Reaction:

$d_x$  (in) (Delta X of typ. bolt config. sketch) :

$d_y$  (in) (Delta Y of typ. bolt config. sketch) :

Bolt Type:

Bolt Diameter (in):

Required Tensile Strength (kips):

Required Shear Strength (kips):

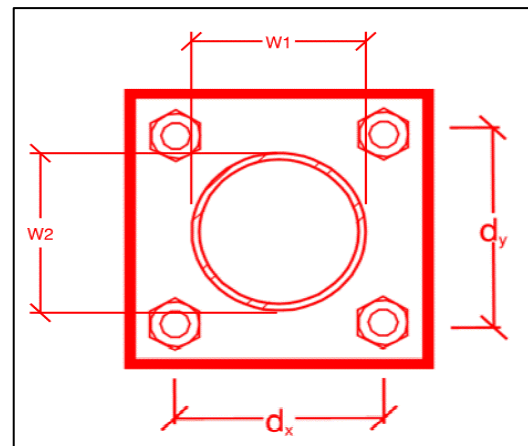
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:

yes
4
6
6
A325N
0.75
21.5
4.5
29.8
17.9
<b>18.0%*</b>
<b>6.4%</b>



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

### Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:

Plate Width (in):

Plate Height (in):

W1 (in):

W2 (in):

Fy (ksi, plate):

$t_{plate}$  (in):

Weld Size (1/16 in):

$\Phi * R_n$  (kip/in):

Required Weld Strength (kip/in):

Plate Bending Capacity:

Weld Capacity:

Rect
8
8
4
4
36
0.625
6
8.35
2.89
<b>42.8%</b>
<b>34.6%</b>

### Max Plate Bending Strengths

$Mu_{xx}$ (kip-in) :	10.7
$\Phi * Mn_{xx}$ (kip-in) :	25.3
$Mu_{yy}$ (kip-in) :	0.1
$\Phi * Mn_{yy}$ (kip-in) :	25.3



# Mount Desktop – Post Modification Inspection (PMI) Report Requirements

## Documents & Photos Required from Contractor – **New Mount Passing MA**

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](mailto:pmisupport@colliersengineering.com)

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**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 of mounts. 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.
- Photos of each installed mount; pictures shall also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
- Photos showing the installed mount elevation.

**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 to remove and replace existing mount with Site Pro 1 Part #: RMQP-496 with Site Pro 1 Part #: HRK12.
- Contractor shall install the mount such that the Alpha Sector mount azimuth is the same as the Alpha Sector antenna azimuth.
- Contractor shall install the Site Pro 1 Part #: HRK12 Handrail Kit to match the configuration in the rendered view of the mount analysis. Install handrail 36" above the face horizontals.
- Contractor shall install four (4) 96" long, P2 STD mount pipes in all positions of each sector. All pipes are equally spaced with top of pipe 66" above the face horizontal.
- Contractor to install one (1) OVP pipe mount, 36" long, P2 STD on the standoff horizontal located between the Beta and Gamma Sectors. Connect to proposed standoff horizontal at 6" from standoff end closest to tower using VZWSMART-MSK6 crossover plate. Pipe to be cantilevered 1'-6" above the standoff horizontal. OVP to be installed 1'-0" below the top of the proposed OVP pipe.

**Response:**

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

- Yes       No

**Comments:**

**New Mount Certification:**

- The contractor certifies that the New Mount installed is as specified in the Passing Mount Analysis.
- The contractor notes that the New Mount installed is not as specified and engineering approval was received for the New Mount installed.

**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.

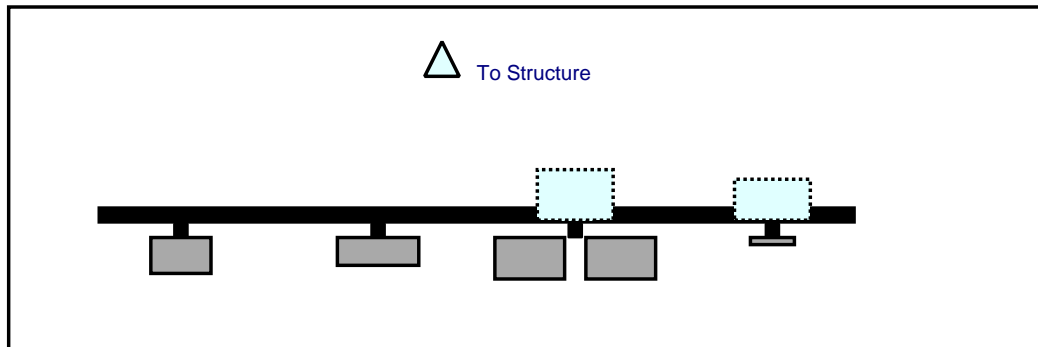
**Special Instruction Confirmation:**

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

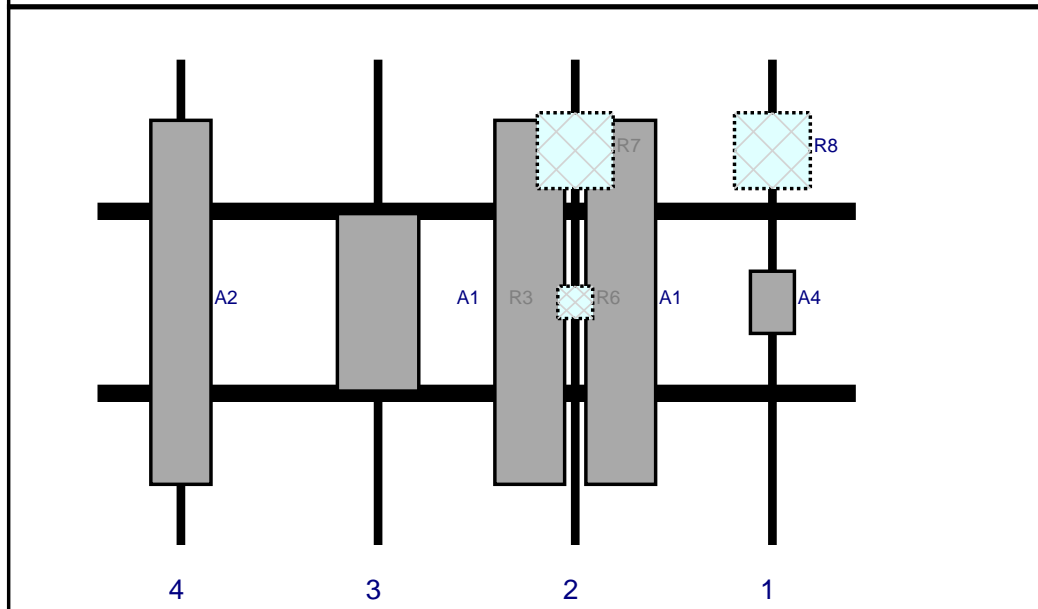
**Certifying Individual:**

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

Plan View

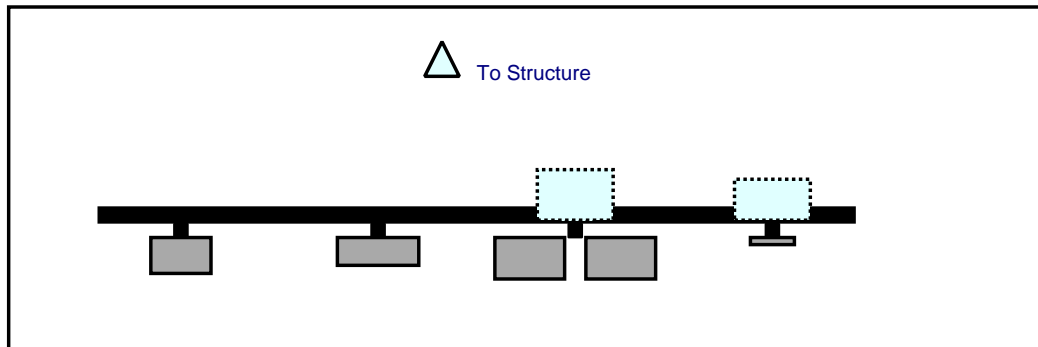


Front View  
Looking at Structure

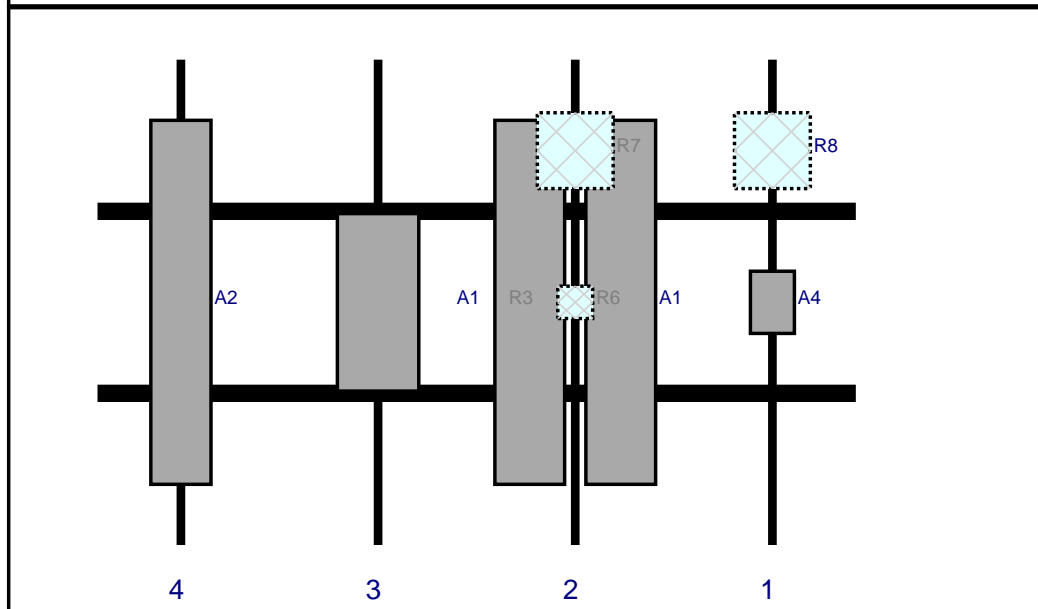


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A4	XXDWMM-12.5-65	12.3	8.7	133.5	1	a	Front	48	0	Added	
R8	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	133.5	1	a	Behind	18	0	Added	
A1	JAHH-65B-R3B	72	13.8	94.5	2	a	Front	48	9	Retained	
A1	JAHH-65B-R3B	72	13.8	94.5	2	b	Front	48	-9	Retained	
R6	CBC78T-DS-43	6.4	6.9	94.5	2	a	Behind	48	0	Added	
R7	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	94.5	2	a	Behind	18	0	Added	
R3	MT6407-77A	35.1	16.1	55.5	3	a	Front	48	0	Added	
A2	LNx-6514DS-VTM	72	11.9	16.5	4	a	Front	48	0	Retained	

Plan View

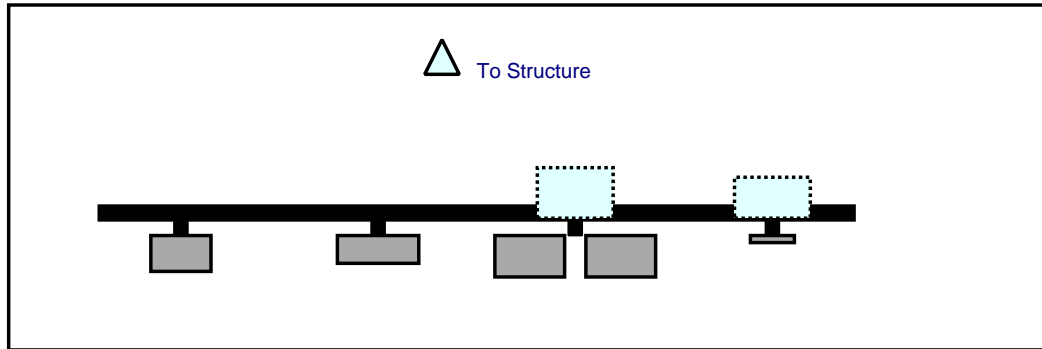


Front View  
Looking at Structure

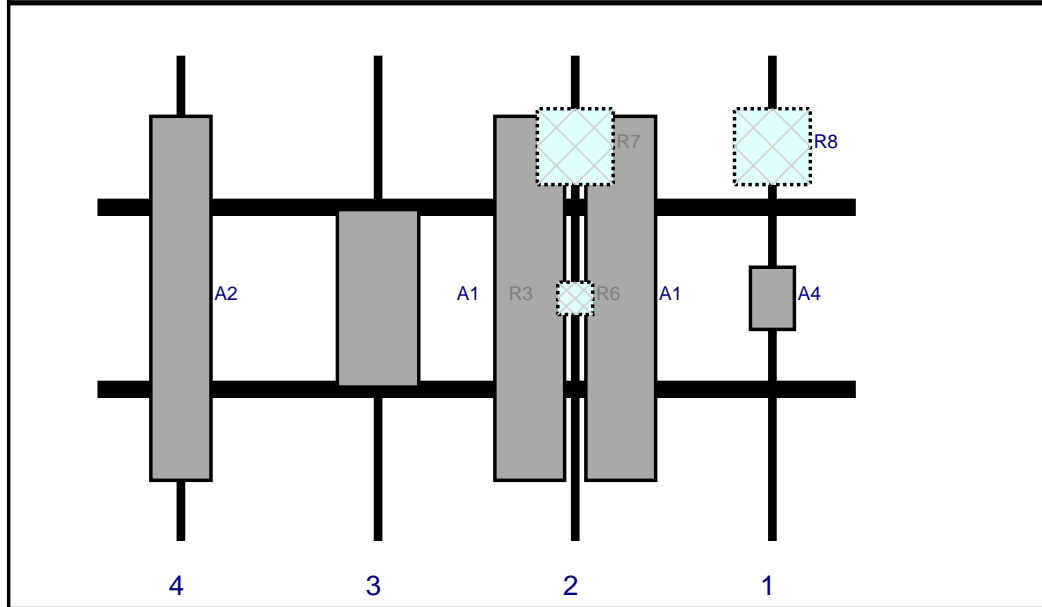


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A4	XXDWMM-12.5-65	12.3	8.7	133.5	1	a	Front	48	0	Added	
R8	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	133.5	1	a	Behind	18	0	Added	
A1	JAHH-65B-R3B	72	13.8	94.5	2	a	Front	48	9	Retained	
A1	JAHH-65B-R3B	72	13.8	94.5	2	b	Front	48	-9	Retained	
R6	CBC78T-DS-43	6.4	6.9	94.5	2	a	Behind	48	0	Added	
R7	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	94.5	2	a	Behind	18	0	Added	
R3	MT6407-77A	35.1	16.1	55.5	3	a	Front	48	0	Added	
A2	LNx-6514DS-VTM	72	11.9	16.5	4	a	Front	48	0	Retained	

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	XXDWMM-12.5-65	12.3	8.7	133.5	1	a	Front	48	0	Added	
R8	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	133.5	1	a	Behind	18	0	Added	
A1	JAHH-65B-R3B	72	13.8	94.5	2	a	Front	48	9	Retained	
A1	JAHH-65B-R3B	72	13.8	94.5	2	b	Front	48	-9	Retained	
R6	CBC78T-DS-43	6.4	6.9	94.5	2	a	Behind	48	0	Added	
R7	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	94.5	2	a	Behind	18	0	Added	
R3	MT6407-77A	35.1	16.1	55.5	3	a	Front	48	0	Added	
A2	LNx-6514DS-VTM	72	11.9	16.5	4	a	Front	48	0	Retained	

**Subject***TIA-222-H Usage***Site Information**

*Site ID: 468218-VZW / NORTH HAVEN 2 CT*  
*Site Name: NORTH HAVEN 2 CT*  
*Carrier Name: Verizon Wireless*  
*Address: 15 Dwight St*  
*North Haven, Connecticut 06473*  
*New Haven County*  
*Latitude: 41.420792°*  
*Longitude: -72.848803°*

**Structure Information**

*Tower Type: 150-Ft Monopole*  
*Mount Type: 12.50-Ft Platform*

To Whom It May Concern,

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

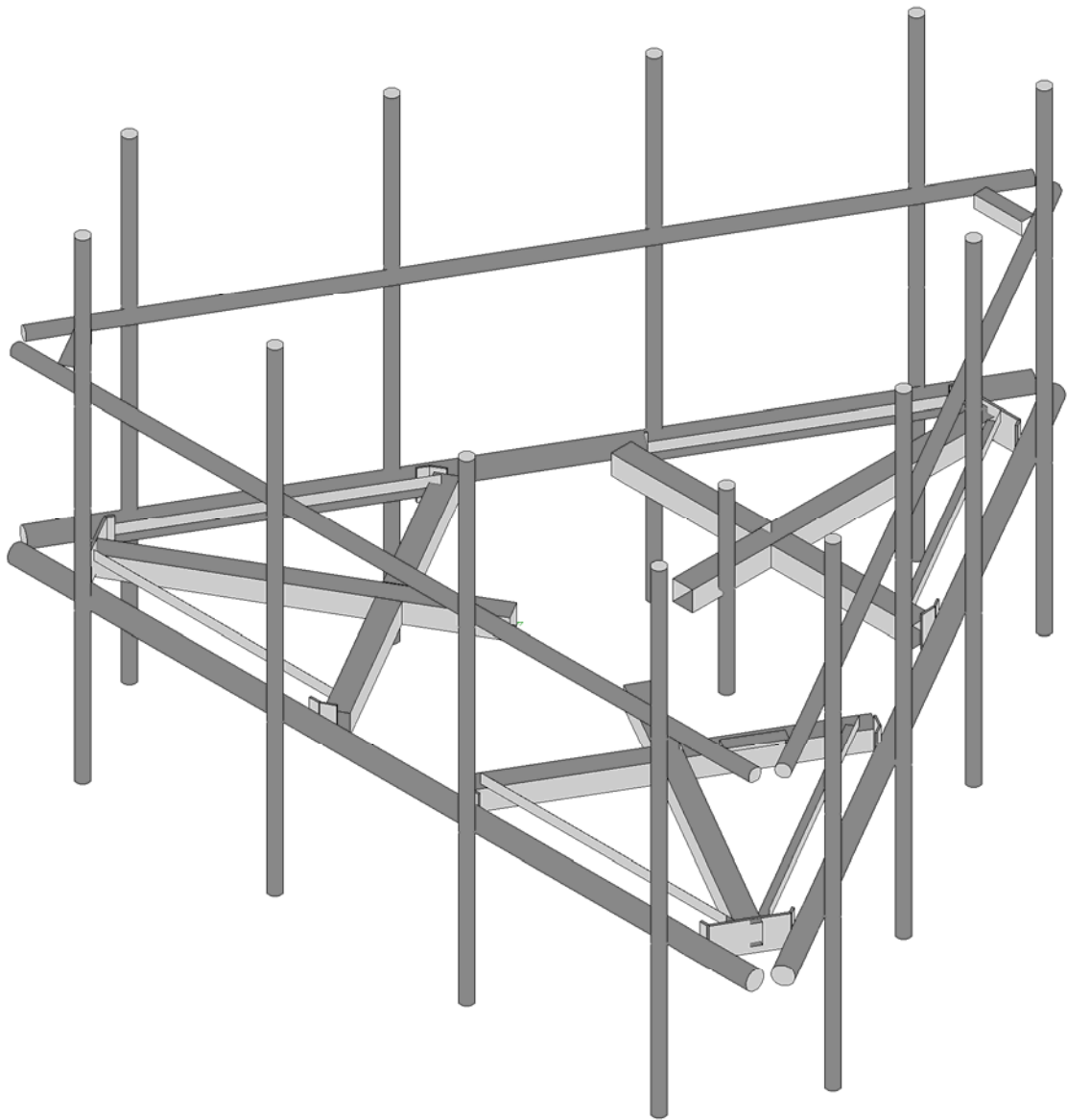
The 2015 International Building Code states that, in Section 3108, telecommunication towers shall be designed and constructed in accordance with the provisions of TIA-222. TIA-222-H is the latest revision of the TIA-222 Standard, effective as of January 01, 2018.

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, PE  
Technical Specialist



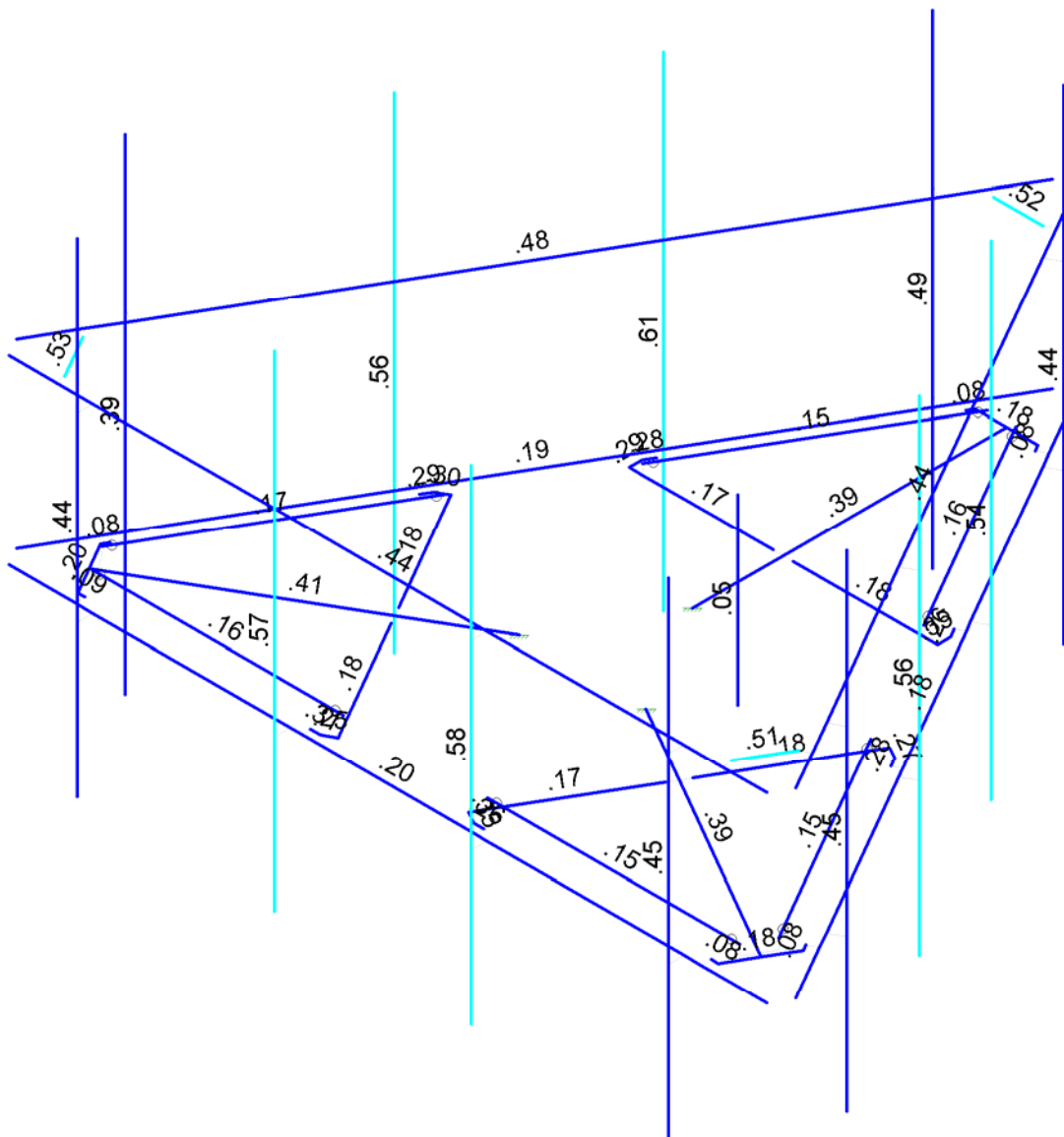
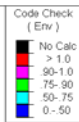
Envelope Only Solution

Maser Consulting
SEA

Mount Analysis
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SK - 1
Sept 30, 2021 at 5:17 PM
468218-VZW_MT_LO_H.r3d



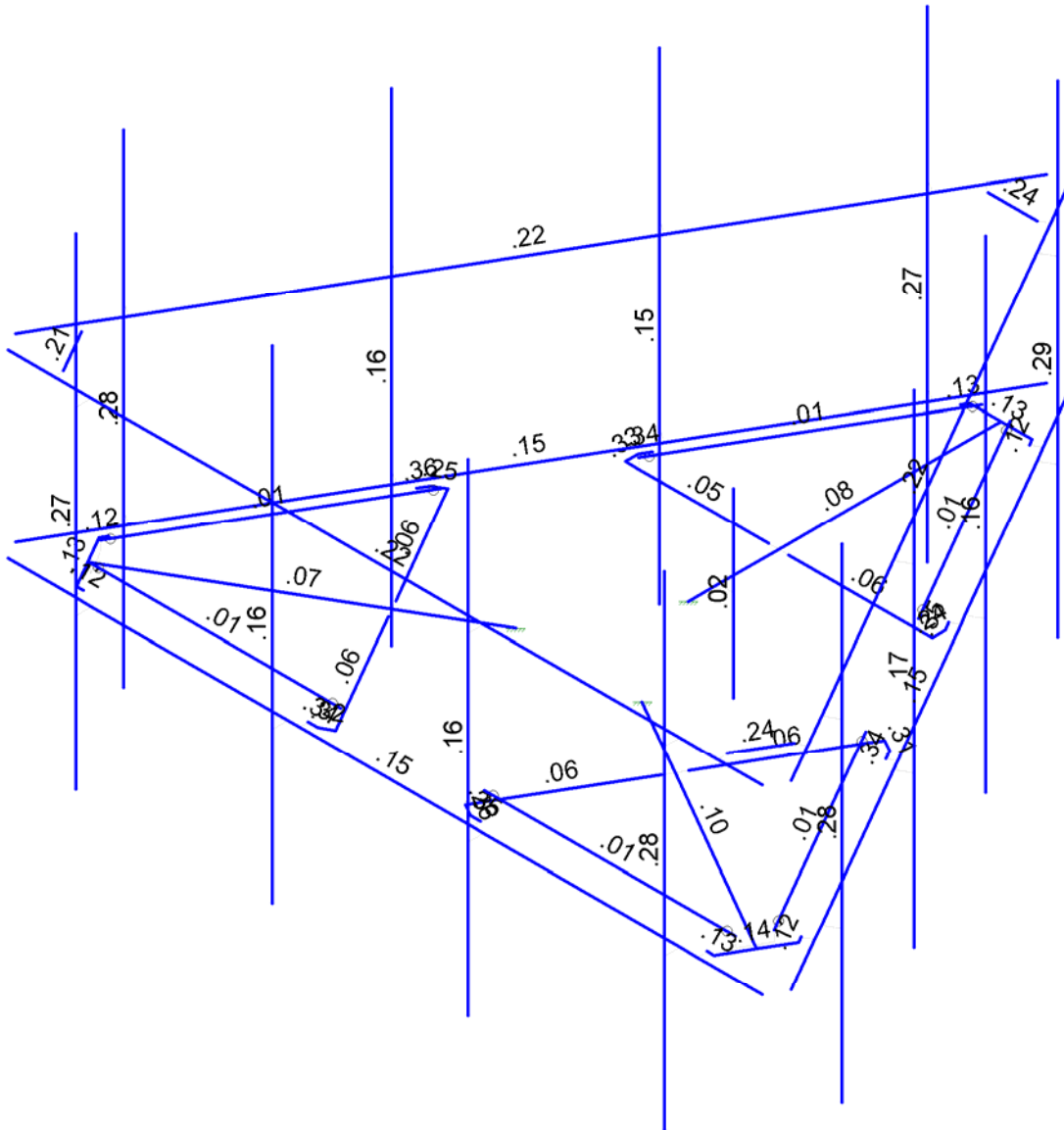
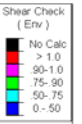


Member Code Checks Displayed (Enveloped)  
Envelope Only Solution

Maser Consulting
SEA

Mount Analysis

SK - 2
Sept 30, 2021 at 5:18 PM
468218-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)  
Envelope Only Solution

Maser Consulting	Mount Analysis	SK - 3
SEA		Sept 30, 2021 at 5:18 PM
		468218-VZW_MT_LO_H.r3d



Company : Maser Consulting  
 Designer : SEA  
 Job Number :  
 Model Name : Mount Analysis

Sept 30, 2021  
 5:20 PM  
 Checked By: DX

### Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...)	Surface(P...
1	Antenna D	None					111		
2	Antenna Di	None					111		
3	Antenna Wo (0 Deg)	None					111		
4	Antenna Wo (30 Deg)	None					111		
5	Antenna Wo (60 Deg)	None					111		
6	Antenna Wo (90 Deg)	None					111		
7	Antenna Wo (120 Deg)	None					111		
8	Antenna Wo (150 Deg)	None					111		
9	Antenna Wo (180 Deg)	None					111		
10	Antenna Wo (210 Deg)	None					111		
11	Antenna Wo (240 Deg)	None					111		
12	Antenna Wo (270 Deg)	None					111		
13	Antenna Wo (300 Deg)	None					111		
14	Antenna Wo (330 Deg)	None					111		
15	Antenna Wi (0 Deg)	None					111		
16	Antenna Wi (30 Deg)	None					111		
17	Antenna Wi (60 Deg)	None					111		
18	Antenna Wi (90 Deg)	None					111		
19	Antenna Wi (120 Deg)	None					111		
20	Antenna Wi (150 Deg)	None					111		
21	Antenna Wi (180 Deg)	None					111		
22	Antenna Wi (210 Deg)	None					111		
23	Antenna Wi (240 Deg)	None					111		
24	Antenna Wi (270 Deg)	None					111		
25	Antenna Wi (300 Deg)	None					111		
26	Antenna Wi (330 Deg)	None					111		
27	Antenna Wm (0 Deg)	None					111		
28	Antenna Wm (30 Deg)	None					111		
29	Antenna Wm (60 Deg)	None					111		
30	Antenna Wm (90 Deg)	None					111		
31	Antenna Wm (120 De...	None					111		
32	Antenna Wm (150 De...	None					111		
33	Antenna Wm (180 De...	None					111		
34	Antenna Wm (210 De...	None					111		
35	Antenna Wm (240 De...	None					111		
36	Antenna Wm (270 De...	None					111		
37	Antenna Wm (300 De...	None					111		
38	Antenna Wm (330 De...	None					111		
39	Structure D	None		-1					3
40	Structure Di	None						58	3
41	Structure Wo (0 Deg)	None						116	
42	Structure Wo (30 Deg)	None						116	
43	Structure Wo (60 Deg)	None						116	
44	Structure Wo (90 Deg)	None						116	
45	Structure Wo (120 D...	None						116	
46	Structure Wo (150 D...	None						116	
47	Structure Wo (180 D...	None						116	
48	Structure Wo (210 D...	None						116	
49	Structure Wo (240 D...	None						116	
50	Structure Wo (270 D...	None						116	
51	Structure Wo (300 D...	None						116	
52	Structure Wo (330 D...	None						116	
53	Structure Wi (0 Deg)	None						116	

**Basic Load Cases (Continued)**

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

**Load Combinations**

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



**Load Combinations (Continued)**

Description	So...	P...	S...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...
24	1.2D + 1.0Di + 1.0W...	Yes	Y	1	1.2	39	1.2	2	1	40	1	26	1	64	1
25	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	27	1	65	1		
26	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	28	1	66	1		
27	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	29	1	67	1		
28	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	30	1	68	1		
29	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	31	1	69	1		
30	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	32	1	70	1		
31	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	33	1	71	1		
32	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	34	1	72	1		
33	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	35	1	73	1		
34	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	36	1	74	1		
35	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	37	1	75	1		
36	1.2D + 1.5Lm1 + 1.0...	Yes	Y	1	1.2	39	1.2	77	1.5	38	1	76	1		
37	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	27	1	65	1		
38	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	28	1	66	1		
39	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	29	1	67	1		
40	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	30	1	68	1		
41	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	31	1	69	1		
42	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	32	1	70	1		
43	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	33	1	71	1		
44	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	34	1	72	1		
45	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	35	1	73	1		
46	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	36	1	74	1		
47	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	37	1	75	1		
48	1.2D + 1.5Lm2 + 1.0...	Yes	Y	1	1.2	39	1.2	78	1.5	38	1	76	1		
49	1.2D + 1.5Lv1	Yes	Y	1	1.2	39	1.2	79	1.5						
50	1.2D + 1.5Lv2	Yes	Y	1	1.2	39	1.2	80	1.5						
51	1.4D	Yes	Y	1	1.4	39	1.4								
52	Seismic Mass		Y	1	1	39	1								
53	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX		SY	1	SZ	-1		
54	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866		
55	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5		
56	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX	1	SY	1	SZ			
57	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX	.866	SY	1	SZ	.5		
58	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX	.5	SY	1	SZ	.866		
59	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX		SY	1	SZ	1		
60	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866		
61	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5		
62	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX	-1	SY	1	SZ			
63	1.2D + 1.0Ev + 1.0E...		Y	1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5		
64	1.2D + 1.0Ev + 1.0E...		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	N1	6.25	0	3.810523	0	
2	N2	-6.25	0	3.810523	0	
3	N3	0	0	-1.208333	0	
4	N5	-2.541667	0	-2.708333	0	
5	N6	2.315104	0.166667	-2.708333	0	
6	N7	-2.315104	0.166667	-2.708333	0	
7	N8	4.875	0	3.810523	0	
8	N9	4.875	0	4.060523	0	
9	N10	-4.875	0	3.810523	0	
10	N11	-4.875	0	4.060523	0	
11	N12	1.625	0	3.810523	0	



**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
12	N13	1.625	0	4.060523	0	
13	N14	-1.625	0	3.810523	0	
14	N15	-1.625	0	4.060523	0	
15	N16	-1.625	-2.5	4.060523	0	
16	N17	-1.625	5.5	4.060523	0	
17	N18	-4.875	-2.5	4.060523	0	
18	N19	-4.875	5.5	4.060523	0	
19	N20	1.625	-2.5	4.060523	0	
20	N21	1.625	5.5	4.060523	0	
21	N22	4.875	-2.5	4.060523	0	
22	N23	4.875	5.5	4.060523	0	
23	N24	0	0	-2.708333	0	
24	N27	0	0	-6.395833	0	
25	CP	0	0	0	0	
26	N29	2.315104	0	-2.708333	0	
27	N30	-2.315104	0	-2.708333	0	
28	N101	2.541667	0	-2.708333	0	
29	N102	-0.166667	0	-2.708333	0	
30	N103A	0.166667	0	-2.708333	0	
31	N104A	-2.541667	0	-2.927083	0	
32	N105	2.541667	0	-2.927083	0	
33	N131	2.458333	0	-3.071421	0	
34	N135	0.571615	0	-6.298857	0	
35	N144	-2.458333	0	-3.071421	0	
36	N148	-0.571615	0	-6.298857	0	
37	N86A	2.584629	0	-3.144338	0	
38	N86B	-2.584629	0	-3.144338	0	
39	N86C	-0.515625	0	-6.395833	0	
40	N87A	0.515625	0	-6.395833	0	
41	N86D	0.715429	0	-6.381888	0	
42	N86E	-0.715429	0	-6.381888	0	
43	N88A	0	0	-6.3125	0	
44	N87C	0.234238	0.166667	-6.3125	0	
45	N86G	0.234238	0	-6.3125	0	
46	N87B	-0.234238	0.166667	-6.3125	0	
47	N88C	-0.234238	0	-6.3125	0	
48	N87D	-1.046447	0	0.604167	0	
49	N88B	-1.074652	0	3.555315	0	
50	N89	-3.503038	0.166667	-0.650772	0	
51	N90	-1.187933	0.166667	3.359106	0	
52	N91	-2.345485	0	1.354167	0	
53	N92	-5.538954	0	3.197917	0	
54	N93	-3.503038	0	-0.650772	0	
55	N94	-1.187933	0	3.359106	0	
56	N95	-3.616319	0	-0.846981	0	
57	N96	-2.262152	0	1.498504	0	
58	N97	-2.428819	0	1.209829	0	
59	N98	-1.264095	0	3.66469	0	
60	N99	-3.805762	0	-0.737606	0	
61	N100	-3.889095	0	-0.593269	0	
62	N101A	-5.740777	0	2.654396	0	
63	N102A	-1.430762	0	3.66469	0	
64	N103	-5.169162	0	3.644461	0	
65	N104	-4.015391	0	-0.666185	0	
66	N105A	-1.430762	0	3.810523	0	
67	N106	-5.281142	0	3.644461	0	
68	N107	-5.796767	0	2.751372	0	



**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
69	N108	-5.884591	0	2.571364	0	
70	N109	-5.169162	0	3.810523	0	
71	N110	-5.466785	0	3.15625	0	
72	N111	-5.583904	0.166667	2.953394	0	
73	N112	-5.583904	0	2.953394	0	
74	N113	-5.349667	0.166667	3.359106	0	
75	N114	-5.349667	0	3.359106	0	
76	N115	1.046447	0	0.604167	0	
77	N116	3.616319	0	-0.846981	0	
78	N117	1.187933	0.166667	3.359106	0	
79	N118	3.503038	0.166667	-0.650772	0	
80	N119	2.345485	0	1.354167	0	
81	N120	5.538954	0	3.197917	0	
82	N121	1.187933	0	3.359106	0	
83	N122	3.503038	0	-0.650772	0	
84	N123	1.074652	0	3.555315	0	
85	N124	2.428819	0	1.209829	0	
86	N125	2.262152	0	1.498504	0	
87	N126	3.805762	0	-0.737606	0	
88	N127	1.264095	0	3.66469	0	
89	N128	1.430762	0	3.66469	0	
90	N129	5.169162	0	3.644461	0	
91	N130	3.889095	0	-0.593269	0	
92	N131A	5.740777	0	2.654396	0	
93	N132	1.430762	0	3.810523	0	
94	N133	4.015391	0	-0.666186	0	
95	N134	5.796767	0	2.751372	0	
96	N135A	5.281142	0	3.644461	0	
97	N136	5.169162	0	3.810523	0	
98	N137	5.884591	0	2.571364	0	
99	N138	5.466785	0	3.15625	0	
100	N139	5.349667	0.166667	3.359106	0	
101	N140	5.349667	0	3.359106	0	
102	N141	5.583904	0.166667	2.953394	0	
103	N142	5.583904	0	2.953394	0	
104	N104B	0.17501	0	-7.31792	0	
105	N105B	6.42501	0	3.507397	0	
106	N124A	-6.42501	0	3.507397	0	
107	N125A	-0.17501	0	-7.31792	0	
108	N144A	6.25	3	3.810523	0	
109	N145	-6.25	3	3.810523	0	
110	N146	4.875	3	3.810523	0	
111	N147	4.875	3	4.060523	0	
112	N148A	-4.875	3	3.810523	0	
113	N149	-4.875	3	4.060523	0	
114	N150	1.625	3	3.810523	0	
115	N151	1.625	3	4.060523	0	
116	N152	-1.625	3	3.810523	0	
117	N153	-1.625	3	4.060523	0	
118	N154	0.17501	3	-7.31792	0	
119	N155	6.42501	3	3.507397	0	
120	N156	-6.42501	3	3.507397	0	
121	N157	-0.17501	3	-7.31792	0	
122	N174	-5.5	3	3.810523	0	
123	N175	5.5	3	3.810523	0	
124	N176	-5.5	3	3.643857	0	
125	N177	5.5	3	3.643857	0	





**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
126	N178	6.05001	3	2.857878	0	
127	N179	0.55001	3	-6.668401	0	
128	N180	5.905672	3	2.941211	0	
129	N181	0.405672	3	-6.585068	0	
130	N182	-0.55001	3	-6.668401	0	
131	N183	-6.05001	3	2.857878	0	
132	N184	-0.405672	3	-6.585068	0	
133	N185	-5.905672	3	2.941211	0	
134	ACL	-4.875	1.5	4.060523	0	
135	N135B	0.86251	0	-6.127135	0	
136	N136A	1.079016	0	-6.252135	0	
137	N137A	5.73751	0	2.316612	0	
138	N138A	5.954016	0	2.191612	0	
139	N139A	2.48751	0	-3.312553	0	
140	N140A	2.704016	0	-3.437553	0	
141	N141A	4.11251	0	-0.49797	0	
142	N142A	4.329016	0	-0.62297	0	
143	N143	4.329016	-2.5	-0.62297	0	
144	N144B	4.329016	5.5	-0.62297	0	
145	N145A	5.954016	-2.5	2.191612	0	
146	N146A	5.954016	5.5	2.191612	0	
147	N147A	2.704016	-2.5	-3.437553	0	
148	N148B	2.704016	5.5	-3.437553	0	
149	N149A	1.079016	-2.5	-6.252135	0	
150	N150A	1.079016	5.5	-6.252135	0	
151	N151A	0.86251	3	-6.127135	0	
152	N152A	1.079016	3	-6.252135	0	
153	N153A	5.73751	3	2.316612	0	
154	N154A	5.954016	3	2.191612	0	
155	N155A	2.48751	3	-3.312553	0	
156	N156A	2.704016	3	-3.437553	0	
157	N157A	4.11251	3	-0.49797	0	
158	N158	4.329016	3	-0.62297	0	
159	N159	5.954016	1.5	2.191612	0	
160	N160	-5.73751	0	2.316612	0	
161	N161	-5.954016	0	2.191612	0	
162	N162	-0.86251	0	-6.127135	0	
163	N163	-1.079016	0	-6.252135	0	
164	N164	-4.11251	0	-0.49797	0	
165	N165	-4.329016	0	-0.62297	0	
166	N166	-2.48751	0	-3.312553	0	
167	N167	-2.704016	0	-3.437553	0	
168	N168	-2.704016	-2.5	-3.437553	0	
169	N169	-2.704016	5.5	-3.437553	0	
170	N170	-1.079016	-2.5	-6.252135	0	
171	N171	-1.079016	5.5	-6.252135	0	
172	N172	-4.329016	-2.5	-0.62297	0	
173	N173	-4.329016	5.5	-0.62297	0	
174	N174A	-5.954016	-2.5	2.191612	0	
175	N175A	-5.954016	5.5	2.191612	0	
176	N176A	-5.73751	3	2.316612	0	
177	N177A	-5.954016	3	2.191612	0	
178	N178A	-0.86251	3	-6.127135	0	
179	N179A	-1.079016	3	-6.252135	0	
180	N180A	-4.11251	3	-0.49797	0	
181	N181A	-4.329016	3	-0.62297	0	
182	N182A	-2.48751	3	-3.312553	0	



### Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
183	N183A	-2.704016	3	-3.437553	0	
184	N184A	-1.079016	1.5	-6.252135	0	
185	N185A	-4.875	3.5	4.060523	0	
186	N186	0	0	-1.708333	0	
187	N187	.25	0	-1.708333	0	
188	N188	.25	1.5	-1.708333	0	
189	N189	.25	-1.5	-1.708333	0	

### Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossmember	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Support Rail Brace	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026

### Hot Rolled Steel Design Parameters

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torq...	Kyy	Kzz	Cb	Function
1	M121	Support Rai...	.811			Lbyy						Lateral
2	M122	Support Rai...	.811			Lbyy						Lateral
3	M123	Support Rai...	.811			Lbyy						Lateral
4	M100	Support Rail	12.5			Lbyy						Lateral
5	M105	Support Rail	12.5			Lbyy						Lateral
6	M106	Support Rail	12.5			Lbyy						Lateral
7	M4	Standoff Ho...	5.188			Lbyy						Lateral
8	M52A	Standoff Ho...	5.188			Lbyy						Lateral
9	M76A	Standoff Ho...	5.188			Lbyy						Lateral
10	M10	Platform Cr...	2.375			Lbyy						Lateral
11	M43	Platform Cr...	2.375			Lbyy						Lateral
12	M53	Platform Cr...	2.375			Lbyy						Lateral
13	M54	Platform Cr...	2.375			Lbyy						Lateral
14	M77A	Platform Cr...	2.375			Lbyy						Lateral
15	M78	Platform Cr...	2.375			Lbyy						Lateral
16	MP3A	Mount Pipe	8			Lbyy						Lateral
17	MP4A	Mount Pipe	8			Lbyy						Lateral
18	MP2A	Mount Pipe	8			Lbyy						Lateral
19	MP1A	Mount Pipe	8			Lbyy						Lateral
20	MP3C	Mount Pipe	8			Lbyy						Lateral
21	MP4C	Mount Pipe	8			Lbyy						Lateral
22	MP2C	Mount Pipe	8			Lbyy						Lateral
23	MP1C	Mount Pipe	8			Lbyy						Lateral
24	MP3B	Mount Pipe	8			Lbyy						Lateral
25	MP4B	Mount Pipe	8			Lbyy						Lateral
26	MP2B	Mount Pipe	8			Lbyy						Lateral
27	MP1B	Mount Pipe	8			Lbyy						Lateral
28	M51B	Grating Sup...	4.162			Lbyy						Lateral
29	M52B	Grating Sup...	4.162			Lbyy						Lateral
30	M58A	Grating Sup...	4.162			Lbyy						Lateral
31	M59A	Grating Sup...	4.162			Lbyy						Lateral
32	M82	Grating Sup...	4.162			Lbyy						Lateral



**Hot Rolled Steel Design Parameters (Continued)**

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torq...	Kyy	Kzz	Cb	Function
33	M83A	Grating Sup...	4.162			Lbyy						Lateral
34	M1	Face Horizo...	12.5			Lbyy						Lateral
35	M82A	Face Horizo...	12.5			Lbyy						Lateral
36	M91B	Face Horizo...	12.5			Lbyy						Lateral
37	M76	Cross Arm ...	.219									Lateral
38	M77	Cross Arm ...	.167									Lateral
39	M84	Cross Arm ...	.219									Lateral
40	M85	Cross Arm ...	.167									Lateral
41	M63	Cross Arm ...	.219									Lateral
42	M64	Cross Arm ...	.167									Lateral
43	M68	Cross Arm ...	.219									Lateral
44	M69	Cross Arm ...	.167									Lateral
45	M87	Cross Arm ...	.219									Lateral
46	M88A	Cross Arm ...	.167									Lateral
47	M92A	Cross Arm ...	.219									Lateral
48	M93	Cross Arm ...	.167									Lateral
49	M46	Corner Plate	1.031			Lbyy						Lateral
50	M80	Corner Plate	.112			Lbyy						Lateral
51	M91	Corner Plate	.112			Lbyy						Lateral
52	M55	Corner Plate	1.031			Lbyy						Lateral
53	M66	Corner Plate	.112			Lbyy						Lateral
54	M71	Corner Plate	.112			Lbyy						Lateral
55	M79A	Corner Plate	1.031			Lbyy						Lateral
56	M90	Corner Plate	.112			Lbyy						Lateral
57	M95	Corner Plate	.112			Lbyy						Lateral
58	OVP1	Mount Pipe	3									Lateral

**Member Primary Data**

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
1	M121	N176	N185		180	Support Rail Brace	Beam	Single Angle	A36 Gr.36	Typical
2	M122	N184	N181		180	Support Rail Brace	Beam	Single Angle	A36 Gr.36	Typical
3	M123	N180	N177		180	Support Rail Brace	Beam	Single Angle	A36 Gr.36	Typical
4	M100	N144A	N145			Support Rail	Column	Pipe	A53 Gr.B	Typical
5	M105	N154	N155			Support Rail	Column	Pipe	A53 Gr.B	Typical
6	M106	N156	N157			Support Rail	Column	Pipe	A53 Gr.B	Typical
7	M4	N3	N27			Standoff Horizontal	Beam	SquareTube	A500 Gr....	Typical
8	M52A	N87D	N92			Standoff Horizontal	Beam	SquareTube	A500 Gr....	Typical
9	M76A	N115	N120			Standoff Horizontal	Beam	SquareTube	A500 Gr....	Typical
10	M19	N8	N9			RIGID	None	None	RIGID	Typical
11	M20	N10	N11			RIGID	None	None	RIGID	Typical
12	M21	N12	N13			RIGID	None	None	RIGID	Typical
13	M22	N14	N15			RIGID	None	None	RIGID	Typical
14	M35A	N7	N30			RIGID	None	None	RIGID	Typical
15	M36A	N6	N29			RIGID	None	None	RIGID	Typical
16	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
17	M58	N102	N24			RIGID	None	None	RIGID	Typical
18	M59	N24	N103A			RIGID	None	None	RIGID	Typical
19	M79	N131	N86A			RIGID	None	None	RIGID	Typical
20	M83	N135	N86D			RIGID	None	None	RIGID	Typical
21	M88	N144	N86B			RIGID	None	None	RIGID	Typical
22	M92	N148	N86E			RIGID	None	None	RIGID	Typical
23	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
24	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
25	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
26	M56	N90	N94			RIGID	None	None	RIGID	Typical

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
27	M57	N89	N93			RIGID	None	None	RIGID	Typical
28	M60	N113	N114			RIGID	None	None	RIGID	Typical
29	M61	N96	N91			RIGID	None	None	RIGID	Typical
30	M62	N91	N97			RIGID	None	None	RIGID	Typical
31	M65	N100	N104			RIGID	None	None	RIGID	Typical
32	M67	N101A	N108			RIGID	None	None	RIGID	Typical
33	M70	N102A	N105A			RIGID	None	None	RIGID	Typical
34	M72	N103	N109			RIGID	None	None	RIGID	Typical
35	M73	N114	N110			RIGID	None	None	RIGID	Typical
36	M74	N110	N112			RIGID	None	None	RIGID	Typical
37	M75	N111	N112			RIGID	None	None	RIGID	Typical
38	M80A	N118	N122			RIGID	None	None	RIGID	Typical
39	M81	N117	N121			RIGID	None	None	RIGID	Typical
40	M84A	N141	N142			RIGID	None	None	RIGID	Typical
41	M85A	N124	N119			RIGID	None	None	RIGID	Typical
42	M86	N119	N125			RIGID	None	None	RIGID	Typical
43	M89	N128	N132			RIGID	None	None	RIGID	Typical
44	M91A	N129	N136			RIGID	None	None	RIGID	Typical
45	M94	N130	N133			RIGID	None	None	RIGID	Typical
46	M96	N131A	N137			RIGID	None	None	RIGID	Typical
47	M97	N142	N138			RIGID	None	None	RIGID	Typical
48	M98	N138	N140			RIGID	None	None	RIGID	Typical
49	M99	N139	N140			RIGID	None	None	RIGID	Typical
50	M101	N146	N147			RIGID	None	None	RIGID	Typical
51	M102	N148A	N149			RIGID	None	None	RIGID	Typical
52	M103	N150	N151			RIGID	None	None	RIGID	Typical
53	M104	N152	N153			RIGID	None	None	RIGID	Typical
54	M115	N174	N176			RIGID	None	None	RIGID	Typical
55	M116	N175	N177			RIGID	None	None	RIGID	Typical
56	M117	N178	N180			RIGID	None	None	RIGID	Typical
57	M118	N179	N181			RIGID	None	None	RIGID	Typical
58	M119	N182	N184			RIGID	None	None	RIGID	Typical
59	M120	N183	N185			RIGID	None	None	RIGID	Typical
60	M100A	N135B	N136A			RIGID	None	None	RIGID	Typical
61	M101A	N137A	N138A			RIGID	None	None	RIGID	Typical
62	M102A	N139A	N140A			RIGID	None	None	RIGID	Typical
63	M103A	N141A	N142A			RIGID	None	None	RIGID	Typical
64	M108	N151A	N152A			RIGID	None	None	RIGID	Typical
65	M109	N153A	N154A			RIGID	None	None	RIGID	Typical
66	M110	N155A	N156A			RIGID	None	None	RIGID	Typical
67	M111	N157A	N158			RIGID	None	None	RIGID	Typical
68	M112	N160	N161			RIGID	None	None	RIGID	Typical
69	M113	N162	N163			RIGID	None	None	RIGID	Typical
70	M114	N164	N165			RIGID	None	None	RIGID	Typical
71	M115A	N166	N167			RIGID	None	None	RIGID	Typical
72	M120A	N176A	N177A			RIGID	None	None	RIGID	Typical
73	M121A	N178A	N179A			RIGID	None	None	RIGID	Typical
74	M122A	N180A	N181A			RIGID	None	None	RIGID	Typical
75	M123A	N182A	N183A			RIGID	None	None	RIGID	Typical
76	M10	N101	N103A			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
77	M43	N102	N5			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
78	M53	N95	N97			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
79	M54	N96	N88B			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
80	M77A	N123	N125			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
81	M78	N124	N116			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
82	MP3A	N17	N16			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
83	MP4A	N19	N18			Mount Pipe	Column	Pipe	A53 Gr.B	Typical

### Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
84	MP2A	N21	N20			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
85	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
86	MP3C	N144B	N143			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
87	MP4C	N146A	N145A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	MP2C	N148B	N147A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
89	MP1C	N150A	N149A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	MP3B	N169	N168			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	MP4B	N171	N170			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	MP2B	N173	N172			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
93	MP1B	N175A	N174A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
95	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
96	M58A	N111	N89			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
97	M59A	N90	N113			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
98	M82	N139	N117			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
99	M83A	N118	N141			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
100	M1	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
101	M82A	N104B	N105B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
102	M91B	N124A	N125A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
103	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
104	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
105	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
106	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
107	M63	N95	N99			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
108	M64	N99	N100			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
109	M68	N88B	N98			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
110	M69	N98	N102A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
111	M87	N123	N127			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
112	M88A	N127	N128			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
113	M92A	N116	N126			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
114	M93	N126	N130			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
115	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
116	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
117	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
118	M55	N106	N107			Corner Plate	Beam	BAR	A36 Gr.36	Typical
119	M66	N107	N101A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
120	M71	N106	N103			Corner Plate	Beam	BAR	A36 Gr.36	Typical
121	M79A	N134	N135A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
122	M90	N135A	N129			Corner Plate	Beam	BAR	A36 Gr.36	Typical
123	M95	N134	N131A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
124	M124	N186	N187			RIGID	None	None	RIGID	Typical
125	OVP1	N188	N189			Mount Pipe	Column	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	M121						Yes				None
2	M122						Yes				None
3	M123						Yes				None
4	M100						Yes	** NA **			None
5	M105						Yes	** NA **			None
6	M106						Yes	** NA **			None
7	M4						Yes				None
8	M52A						Yes				None
9	M76A						Yes				None
10	M19						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...
11	M20						Yes	** NA **			None
12	M21						Yes	** NA **			None
13	M22						Yes	** NA **			None
14	M35A						Yes	** NA **			None
15	M36A						Yes	** NA **			None
16	M52						Yes	** NA **			None
17	M58						Yes	** NA **			None
18	M59						Yes	** NA **			None
19	M79		BenPIN				Yes	** NA **			None
20	M83		BenPIN				Yes	** NA **			None
21	M88		BenPIN				Yes	** NA **			None
22	M92		BenPIN				Yes	** NA **			None
23	M50						Yes	** NA **			None
24	M51						Yes	** NA **			None
25	M51A						Yes	** NA **			None
26	M56						Yes	** NA **			None
27	M57						Yes	** NA **			None
28	M60						Yes	** NA **			None
29	M61						Yes	** NA **			None
30	M62						Yes	** NA **			None
31	M65		BenPIN				Yes	** NA **			None
32	M67		BenPIN				Yes	** NA **			None
33	M70		BenPIN				Yes	** NA **			None
34	M72		BenPIN				Yes	** NA **			None
35	M73						Yes	** NA **			None
36	M74						Yes	** NA **			None
37	M75						Yes	** NA **			None
38	M80A						Yes	** NA **			None
39	M81						Yes	** NA **			None
40	M84A						Yes	** NA **			None
41	M85A						Yes	** NA **			None
42	M86						Yes	** NA **			None
43	M89		BenPIN				Yes	** NA **			None
44	M91A		BenPIN				Yes	** NA **			None
45	M94		BenPIN				Yes	** NA **			None
46	M96		BenPIN				Yes	** NA **			None
47	M97						Yes	** NA **			None
48	M98						Yes	** NA **			None
49	M99						Yes	** NA **			None
50	M101						Yes	** NA **			None
51	M102						Yes	** NA **			None
52	M103						Yes	** NA **			None
53	M104						Yes	** NA **			None
54	M115	OOOOOX					Yes	** NA **			None
55	M116	OOOOOX					Yes	** NA **			None
56	M117	OOOOOX					Yes	** NA **			None
57	M118	OOOOOX					Yes	** NA **			None
58	M119	OOOOOX					Yes	** NA **			None
59	M120	OOOOOX					Yes	** NA **			None
60	M100A						Yes	** NA **			None
61	M101A						Yes	** NA **			None
62	M102A						Yes	** NA **			None
63	M103A						Yes	** NA **			None
64	M108						Yes	** NA **			None
65	M109						Yes	** NA **			None
66	M110						Yes	** NA **			None
67	M111						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...
68	M112						Yes	** NA **			None
69	M113						Yes	** NA **			None
70	M114						Yes	** NA **			None
71	M115A						Yes	** NA **			None
72	M120A						Yes	** NA **			None
73	M121A						Yes	** NA **			None
74	M122A						Yes	** NA **			None
75	M123A						Yes	** NA **			None
76	M10						Yes	Default			None
77	M43						Yes	Default			None
78	M53						Yes	Default			None
79	M54						Yes	Default			None
80	M77A						Yes	Default			None
81	M78						Yes	Default			None
82	MP3A						Yes	** NA **			None
83	MP4A						Yes	** NA **			None
84	MP2A						Yes	** NA **			None
85	MP1A						Yes	** NA **			None
86	MP3C						Yes	** NA **			None
87	MP4C						Yes	** NA **			None
88	MP2C						Yes	** NA **			None
89	MP1C						Yes	** NA **			None
90	MP3B						Yes	** NA **			None
91	MP4B						Yes	** NA **			None
92	MP2B						Yes	** NA **			None
93	MP1B						Yes	** NA **			None
94	M51B	OOOOOX	OOOOOX				Yes	Default			None
95	M52B	OOOOOX	OOOOOX				Yes	Default			None
96	M58A	OOOOOX	OOOOOX				Yes	Default			None
97	M59A	OOOOOX	OOOOOX				Yes	Default			None
98	M82	OOOOOX	OOOOOX				Yes	Default			None
99	M83A	OOOOOX	OOOOOX				Yes	Default			None
100	M1						Yes	Default			None
101	M82A						Yes	Default			None
102	M91B						Yes	Default			None
103	M76						Yes	** NA **			None
104	M77						Yes	** NA **			None
105	M84						Yes	** NA **			None
106	M85						Yes	** NA **			None
107	M63						Yes	** NA **			None
108	M64						Yes	** NA **			None
109	M68						Yes	** NA **			None
110	M69						Yes	** NA **			None
111	M87						Yes	** NA **			None
112	M88A						Yes	** NA **			None
113	M92A						Yes	** NA **			None
114	M93						Yes	** NA **			None
115	M46						Yes	Default			None
116	M80						Yes				None
117	M91						Yes				None
118	M55						Yes	Default			None
119	M66						Yes				None
120	M71						Yes				None
121	M79A						Yes	Default			None
122	M90						Yes				None
123	M95						Yes				None
124	M124						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...
125	OVP1					Yes	** NA **			None

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-31.65	2
2	MP2A	My	-.025	2
3	MP2A	Mz	.02	2
4	MP2A	Y	-31.65	6
5	MP2A	My	-.025	6
6	MP2A	Mz	.02	6
7	MP2B	Y	-31.65	2
8	MP2B	My	-.02	2
9	MP2B	Mz	-.025	2
10	MP2B	Y	-31.65	6
11	MP2B	My	-.02	6
12	MP2B	Mz	-.025	6
13	MP2C	Y	-31.65	2
14	MP2C	My	.031	2
15	MP2C	Mz	.006	2
16	MP2C	Y	-31.65	6
17	MP2C	My	.031	6
18	MP2C	Mz	.006	6
19	MP2A	Y	-31.65	2
20	MP2A	My	-.017	2
21	MP2A	Mz	-.027	2
22	MP2A	Y	-31.65	6
23	MP2A	My	-.017	6
24	MP2A	Mz	-.027	6
25	MP2B	Y	-31.65	2
26	MP2B	My	.027	2
27	MP2B	Mz	-.017	2
28	MP2B	Y	-31.65	6
29	MP2B	My	.027	6
30	MP2B	Mz	-.017	6
31	MP2C	Y	-31.65	2
32	MP2C	My	-.01	2
33	MP2C	Mz	.03	2
34	MP2C	Y	-31.65	6
35	MP2C	My	-.01	6
36	MP2C	Mz	.03	6
37	MP4A	Y	-25.65	1
38	MP4A	My	-.017	1
39	MP4A	Mz	-.003	1
40	MP4A	Y	-25.65	7
41	MP4A	My	-.017	7
42	MP4A	Mz	-.003	7
43	MP4B	Y	-25.65	1
44	MP4B	My	.003	1
45	MP4B	Mz	-.017	1
46	MP4B	Y	-25.65	7
47	MP4B	My	.003	7
48	MP4B	Mz	-.017	7
49	MP4C	Y	-25.65	1
50	MP4C	My	.009	1
51	MP4C	Mz	.015	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
52	MP4C	Y	-25.65	7
53	MP4C	My	.009	7
54	MP4C	Mz	.015	7
55	MP3A	Y	-43.55	3
56	MP3A	My	-.029	3
57	MP3A	Mz	-.005	3
58	MP3A	Y	-43.55	5
59	MP3A	My	-.029	5
60	MP3A	Mz	-.005	5
61	MP3B	Y	-43.55	3
62	MP3B	My	.005	3
63	MP3B	Mz	-.029	3
64	MP3B	Y	-43.55	5
65	MP3B	My	.005	5
66	MP3B	Mz	-.029	5
67	MP3C	Y	-43.55	3
68	MP3C	My	.015	3
69	MP3C	Mz	.025	3
70	MP3C	Y	-43.55	5
71	MP3C	My	.015	5
72	MP3C	Mz	.025	5
73	MP1A	Y	-4.4	4
74	MP1A	My	-.002	4
75	MP1A	Mz	-.000382	4
76	MP1B	Y	-4.4	4
77	MP1B	My	.000382	4
78	MP1B	Mz	-.002	4
79	MP1C	Y	-4.4	4
80	MP1C	My	.001	4
81	MP1C	Mz	.002	4
82	OVP1	Y	-32	1
83	OVP1	My	0	1
84	OVP1	Mz	0	1
85	MP2A	Y	-10.4	4
86	MP2A	My	.005	4
87	MP2A	Mz	.000903	4
88	MP2B	Y	-10.4	4
89	MP2B	My	-.000903	4
90	MP2B	Mz	.005	4
91	MP2C	Y	-10.4	4
92	MP2C	My	-.003	4
93	MP2C	Mz	-.005	4
94	MP2A	Y	-84.4	1.5
95	MP2A	My	.055	1.5
96	MP2A	Mz	.01	1.5
97	MP2B	Y	-84.4	1.5
98	MP2B	My	-.01	1.5
99	MP2B	Mz	.055	1.5
100	MP2C	Y	-84.4	1.5
101	MP2C	My	-.028	1.5
102	MP2C	Mz	-.049	1.5
103	MP1A	Y	-70.3	1.5
104	MP1A	My	.046	1.5
105	MP1A	Mz	.008	1.5
106	MP1B	Y	-70.3	1.5
107	MP1B	My	-.008	1.5
108	MP1B	Mz	.046	1.5





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
109	MP1C	Y	-70.3	1.5
110	MP1C	My	-.023	1.5
111	MP1C	Mz	-.041	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	Y	-67.982	2
2	MP2A	My	-.053	2
3	MP2A	Mz	.042	2
4	MP2A	Y	-67.982	6
5	MP2A	My	-.053	6
6	MP2A	Mz	.042	6
7	MP2B	Y	-67.982	2
8	MP2B	My	-.042	2
9	MP2B	Mz	-.053	2
10	MP2B	Y	-67.982	6
11	MP2B	My	-.042	6
12	MP2B	Mz	-.053	6
13	MP2C	Y	-67.982	2
14	MP2C	My	.067	2
15	MP2C	Mz	.014	2
16	MP2C	Y	-67.982	6
17	MP2C	My	.067	6
18	MP2C	Mz	.014	6
19	MP2A	Y	-67.982	2
20	MP2A	My	-.036	2
21	MP2A	Mz	-.058	2
22	MP2A	Y	-67.982	6
23	MP2A	My	-.036	6
24	MP2A	Mz	-.058	6
25	MP2B	Y	-67.982	2
26	MP2B	My	.058	2
27	MP2B	Mz	-.036	2
28	MP2B	Y	-67.982	6
29	MP2B	My	.058	6
30	MP2B	Mz	-.036	6
31	MP2C	Y	-67.982	2
32	MP2C	My	-.021	2
33	MP2C	Mz	.065	2
34	MP2C	Y	-67.982	6
35	MP2C	My	-.021	6
36	MP2C	Mz	.065	6
37	MP4A	Y	-77.261	1
38	MP4A	My	-.051	1
39	MP4A	Mz	-.009	1
40	MP4A	Y	-77.261	7
41	MP4A	My	-.051	7
42	MP4A	Mz	-.009	7
43	MP4B	Y	-77.261	1
44	MP4B	My	.009	1
45	MP4B	Mz	-.051	1
46	MP4B	Y	-77.261	7
47	MP4B	My	.009	7
48	MP4B	Mz	-.051	7
49	MP4C	Y	-77.261	1
50	MP4C	My	.026	1



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
51	MP4C	Mz	.045	1
52	MP4C	Y	-77.261	7
53	MP4C	My	.026	7
54	MP4C	Mz	.045	7
55	MP3A	Y	-34.595	3
56	MP3A	My	-.023	3
57	MP3A	Mz	-.004	3
58	MP3A	Y	-34.595	5
59	MP3A	My	-.023	5
60	MP3A	Mz	-.004	5
61	MP3B	Y	-34.595	3
62	MP3B	My	.004	3
63	MP3B	Mz	-.023	3
64	MP3B	Y	-34.595	5
65	MP3B	My	.004	5
66	MP3B	Mz	-.023	5
67	MP3C	Y	-34.595	3
68	MP3C	My	.012	3
69	MP3C	Mz	.02	3
70	MP3C	Y	-34.595	5
71	MP3C	My	.012	5
72	MP3C	Mz	.02	5
73	MP1A	Y	-13.016	4
74	MP1A	My	-.006	4
75	MP1A	Mz	-.001	4
76	MP1B	Y	-13.016	4
77	MP1B	My	.001	4
78	MP1B	Mz	-.006	4
79	MP1C	Y	-13.016	4
80	MP1C	My	.003	4
81	MP1C	Mz	.006	4
82	OVP1	Y	-85.441	1
83	OVP1	My	0	1
84	OVP1	Mz	0	1
85	MP2A	Y	-10.392	4
86	MP2A	My	.005	4
87	MP2A	Mz	.000902	4
88	MP2B	Y	-10.392	4
89	MP2B	My	-.000902	4
90	MP2B	Mz	.005	4
91	MP2C	Y	-10.392	4
92	MP2C	My	-.003	4
93	MP2C	Mz	-.004	4
94	MP2A	Y	-43.598	1.5
95	MP2A	My	.029	1.5
96	MP2A	Mz	.005	1.5
97	MP2B	Y	-43.598	1.5
98	MP2B	My	-.005	1.5
99	MP2B	Mz	.029	1.5
100	MP2C	Y	-43.598	1.5
101	MP2C	My	-.015	1.5
102	MP2C	Mz	-.025	1.5
103	MP1A	Y	-39.2	1.5
104	MP1A	My	.026	1.5
105	MP1A	Mz	.005	1.5
106	MP1B	Y	-39.2	1.5
107	MP1B	My	-.005	1.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
108	MP1B	Mz	.026	1.5
109	MP1C	Y	-39.2	1.5
110	MP1C	My	-.013	1.5
111	MP1C	Mz	-.023	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP2A	X	0	2
2	MP2A	Z	-174.203	2
3	MP2A	Mx	-.109	2
4	MP2A	X	0	6
5	MP2A	Z	-174.203	6
6	MP2A	Mx	-.109	6
7	MP2B	X	0	2
8	MP2B	Z	-117.432	2
9	MP2B	Mx	.092	2
10	MP2B	X	0	6
11	MP2B	Z	-117.432	6
12	MP2B	Mx	.092	6
13	MP2C	X	0	2
14	MP2C	Z	-130.714	2
15	MP2C	Mx	-.026	2
16	MP2C	X	0	6
17	MP2C	Z	-130.714	6
18	MP2C	Mx	-.026	6
19	MP2A	X	0	2
20	MP2A	Z	-174.203	2
21	MP2A	Mx	.149	2
22	MP2A	X	0	6
23	MP2A	Z	-174.203	6
24	MP2A	Mx	.149	6
25	MP2B	X	0	2
26	MP2B	Z	-117.432	2
27	MP2B	Mx	.062	2
28	MP2B	X	0	6
29	MP2B	Z	-117.432	6
30	MP2B	Mx	.062	6
31	MP2C	X	0	2
32	MP2C	Z	-130.714	2
33	MP2C	Mx	-.124	2
34	MP2C	X	0	6
35	MP2C	Z	-130.714	6
36	MP2C	Mx	-.124	6
37	MP4A	X	0	1
38	MP4A	Z	-219.233	1
39	MP4A	Mx	.025	1
40	MP4A	X	0	7
41	MP4A	Z	-219.233	7
42	MP4A	Mx	.025	7
43	MP4B	X	0	1
44	MP4B	Z	-150.712	1
45	MP4B	Mx	.099	1
46	MP4B	X	0	7
47	MP4B	Z	-150.712	7
48	MP4B	Mx	.099	7
49	MP4C	X	0	1



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]	
50	MP4C	Z	-166.743	1
51	MP4C	Mx	-.096	1
52	MP4C	X	0	7
53	MP4C	Z	-166.743	7
54	MP4C	Mx	-.096	7
55	MP3A	X	0	3
56	MP3A	Z	-89.148	3
57	MP3A	Mx	.01	3
58	MP3A	X	0	5
59	MP3A	Z	-89.148	5
60	MP3A	Mx	.01	5
61	MP3B	X	0	3
62	MP3B	Z	-37.22	3
63	MP3B	Mx	.024	3
64	MP3B	X	0	5
65	MP3B	Z	-37.22	5
66	MP3B	Mx	.024	5
67	MP3C	X	0	3
68	MP3C	Z	-49.369	3
69	MP3C	Mx	-.029	3
70	MP3C	X	0	5
71	MP3C	Z	-49.369	5
72	MP3C	Mx	-.029	5
73	MP1A	X	0	4
74	MP1A	Z	-33.56	4
75	MP1A	Mx	.003	4
76	MP1B	X	0	4
77	MP1B	Z	-7.578	4
78	MP1B	Mx	.004	4
79	MP1C	X	0	4
80	MP1C	Z	-13.657	4
81	MP1C	Mx	-.006	4
82	OVP1	X	0	1
83	OVP1	Z	-147.597	1
84	OVP1	Mx	0	1
85	MP2A	X	0	4
86	MP2A	Z	-14.166	4
87	MP2A	Mx	-.001	4
88	MP2B	X	0	4
89	MP2B	Z	-10.026	4
90	MP2B	Mx	-.005	4
91	MP2C	X	0	4
92	MP2C	Z	-10.994	4
93	MP2C	Mx	.005	4
94	MP2A	X	0	1.5
95	MP2A	Z	-71.542	1.5
96	MP2A	Mx	-.008	1.5
97	MP2B	X	0	1.5
98	MP2B	Z	-49.028	1.5
99	MP2B	Mx	-.032	1.5
100	MP2C	X	0	1.5
101	MP2C	Z	-54.295	1.5
102	MP2C	Mx	.031	1.5
103	MP1A	X	0	1.5
104	MP1A	Z	-71.265	1.5
105	MP1A	Mx	-.008	1.5
106	MP1B	X	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
107	MP1B	Z	-40.126	1.5
108	MP1B	Mx	-.026	1.5
109	MP1C	X	0	1.5
110	MP1C	Z	-47.412	1.5
111	MP1C	Mx	.027	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	84.479	2
2	MP2A	Z	-146.321	2
3	MP2A	Mx	-.158	2
4	MP2A	X	84.479	6
5	MP2A	Z	-146.321	6
6	MP2A	Mx	-.158	6
7	MP2B	X	61.339	2
8	MP2B	Z	-106.242	2
9	MP2B	Mx	.045	2
10	MP2B	X	61.339	6
11	MP2B	Z	-106.242	6
12	MP2B	Mx	.045	6
13	MP2C	X	80.46	2
14	MP2C	Z	-139.362	2
15	MP2C	Mx	.051	2
16	MP2C	X	80.46	6
17	MP2C	Z	-139.362	6
18	MP2C	Mx	.051	6
19	MP2A	X	84.479	2
20	MP2A	Z	-146.321	2
21	MP2A	Mx	.081	2
22	MP2A	X	84.479	6
23	MP2A	Z	-146.321	6
24	MP2A	Mx	.081	6
25	MP2B	X	61.339	2
26	MP2B	Z	-106.242	2
27	MP2B	Mx	.108	2
28	MP2B	X	61.339	6
29	MP2B	Z	-106.242	6
30	MP2B	Mx	.108	6
31	MP2C	X	80.46	2
32	MP2C	Z	-139.362	2
33	MP2C	Mx	-.158	2
34	MP2C	X	80.46	6
35	MP2C	Z	-139.362	6
36	MP2C	Mx	-.158	6
37	MP4A	X	106.451	1
38	MP4A	Z	-184.378	1
39	MP4A	Mx	-.049	1
40	MP4A	X	106.451	7
41	MP4A	Z	-184.378	7
42	MP4A	Mx	-.049	7
43	MP4B	X	78.521	1
44	MP4B	Z	-136.003	1
45	MP4B	Mx	.098	1
46	MP4B	X	78.521	7
47	MP4B	Z	-136.003	7
48	MP4B	Mx	.098	7



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
49	MP4C	X	101.601	1
50	MP4C	Z	-175.978	1
51	MP4C	Mx	-.068	1
52	MP4C	X	101.601	7
53	MP4C	Z	-175.978	7
54	MP4C	Mx	-.068	7
55	MP3A	X	42.175	3
56	MP3A	Z	-73.049	3
57	MP3A	Mx	-.019	3
58	MP3A	X	42.175	5
59	MP3A	Z	-73.049	5
60	MP3A	Mx	-.019	5
61	MP3B	X	21.009	3
62	MP3B	Z	-36.388	3
63	MP3B	Mx	.026	3
64	MP3B	X	21.009	5
65	MP3B	Z	-36.388	5
66	MP3B	Mx	.026	5
67	MP3C	X	38.499	3
68	MP3C	Z	-66.683	3
69	MP3C	Mx	-.026	3
70	MP3C	X	38.499	5
71	MP3C	Z	-66.683	5
72	MP3C	Mx	-.026	5
73	MP1A	X	15.58	4
74	MP1A	Z	-26.985	4
75	MP1A	Mx	-.005	4
76	MP1B	X	4.99	4
77	MP1B	Z	-8.642	4
78	MP1B	Mx	.005	4
79	MP1C	X	13.741	4
80	MP1C	Z	-23.799	4
81	MP1C	Mx	-.007	4
82	OVP1	X	64.5	1
83	OVP1	Z	-111.717	1
84	OVP1	Mx	0	1
85	MP2A	X	6.892	4
86	MP2A	Z	-11.936	4
87	MP2A	Mx	.002	4
88	MP2B	X	5.204	4
89	MP2B	Z	-9.014	4
90	MP2B	Mx	-.005	4
91	MP2C	X	6.599	4
92	MP2C	Z	-11.429	4
93	MP2C	Mx	.003	4
94	MP2A	X	34.731	1.5
95	MP2A	Z	-60.156	1.5
96	MP2A	Mx	.016	1.5
97	MP2B	X	25.554	1.5
98	MP2B	Z	-44.261	1.5
99	MP2B	Mx	-.032	1.5
100	MP2C	X	33.137	1.5
101	MP2C	Z	-57.396	1.5
102	MP2C	Mx	.022	1.5
103	MP1A	X	34.194	1.5
104	MP1A	Z	-59.226	1.5
105	MP1A	Mx	.016	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
106	MP1B	X	21.502	1.5
107	MP1B	Z	-37.242	1.5
108	MP1B	Mx	-.027	1.5
109	MP1C	X	31.99	1.5
110	MP1C	Z	-55.409	1.5
111	MP1C	Mx	.021	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	121.739	2
2	MP2A	Z	-70.286	2
3	MP2A	Mx	-.14	2
4	MP2A	X	121.739	6
5	MP2A	Z	-70.286	6
6	MP2A	Mx	-.14	6
7	MP2B	X	130.824	2
8	MP2B	Z	-75.531	2
9	MP2B	Mx	-.022	2
10	MP2B	X	130.824	6
11	MP2B	Z	-75.531	6
12	MP2B	Mx	-.022	6
13	MP2C	X	152.442	2
14	MP2C	Z	-88.012	2
15	MP2C	Mx	.132	2
16	MP2C	X	152.442	6
17	MP2C	Z	-88.012	6
18	MP2C	Mx	.132	6
19	MP2A	X	121.739	2
20	MP2A	Z	-70.286	2
21	MP2A	Mx	-.004	2
22	MP2A	X	121.739	6
23	MP2A	Z	-70.286	6
24	MP2A	Mx	-.004	6
25	MP2B	X	130.824	2
26	MP2B	Z	-75.531	2
27	MP2B	Mx	.152	2
28	MP2B	X	130.824	6
29	MP2B	Z	-75.531	6
30	MP2B	Mx	.152	6
31	MP2C	X	152.442	2
32	MP2C	Z	-88.012	2
33	MP2C	Mx	-.132	2
34	MP2C	X	152.442	6
35	MP2C	Z	-88.012	6
36	MP2C	Mx	-.132	6
37	MP4A	X	154.708	1
38	MP4A	Z	-89.321	1
39	MP4A	Mx	-.091	1
40	MP4A	X	154.708	7
41	MP4A	Z	-89.321	7
42	MP4A	Mx	-.091	7
43	MP4B	X	165.673	1
44	MP4B	Z	-95.652	1
45	MP4B	Mx	.082	1
46	MP4B	X	165.673	7
47	MP4B	Z	-95.652	7



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
48	MP4B	Mx	.082	7
49	MP4C	X	191.765	1
50	MP4C	Z	-110.716	1
51	MP4C	Mx	0	1
52	MP4C	X	191.765	7
53	MP4C	Z	-110.716	7
54	MP4C	Mx	0	7
55	MP3A	X	50.564	3
56	MP3A	Z	-29.193	3
57	MP3A	Mx	-.03	3
58	MP3A	X	50.564	5
59	MP3A	Z	-29.193	5
60	MP3A	Mx	-.03	5
61	MP3B	X	58.874	3
62	MP3B	Z	-33.991	3
63	MP3B	Mx	.029	3
64	MP3B	X	58.874	5
65	MP3B	Z	-33.991	5
66	MP3B	Mx	.029	5
67	MP3C	X	78.647	3
68	MP3C	Z	-45.407	3
69	MP3C	Mx	0	3
70	MP3C	X	78.647	5
71	MP3C	Z	-45.407	5
72	MP3C	Mx	0	5
73	MP1A	X	15.734	4
74	MP1A	Z	-9.084	4
75	MP1A	Mx	-.007	4
76	MP1B	X	19.892	4
77	MP1B	Z	-11.485	4
78	MP1B	Mx	.007	4
79	MP1C	X	29.786	4
80	MP1C	Z	-17.197	4
81	MP1C	Mx	0	4
82	OVP1	X	103.664	1
83	OVP1	Z	-59.85	1
84	OVP1	Mx	0	1
85	MP2A	X	10.144	4
86	MP2A	Z	-5.857	4
87	MP2A	Mx	.004	4
88	MP2B	X	10.806	4
89	MP2B	Z	-6.239	4
90	MP2B	Mx	-.004	4
91	MP2C	X	12.383	4
92	MP2C	Z	-7.149	4
93	MP2C	Mx	0	4
94	MP2A	X	50.407	1.5
95	MP2A	Z	-29.102	1.5
96	MP2A	Mx	.03	1.5
97	MP2B	X	54.01	1.5
98	MP2B	Z	-31.183	1.5
99	MP2B	Mx	-.027	1.5
100	MP2C	X	62.583	1.5
101	MP2C	Z	-36.132	1.5
102	MP2C	Mx	0	1.5
103	MP1A	X	45.742	1.5
104	MP1A	Z	-26.409	1.5





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
105	MP1A	Mx	.027	1.5
106	MP1B	X	50.726	1.5
107	MP1B	Z	-29.287	1.5
108	MP1B	Mx	-.025	1.5
109	MP1C	X	62.583	1.5
110	MP1C	Z	-36.132	1.5
111	MP1C	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	117.432	2
2	MP2A	Z	0	2
3	MP2A	Mx	-.092	2
4	MP2A	X	117.432	6
5	MP2A	Z	0	6
6	MP2A	Mx	-.092	6
7	MP2B	X	174.203	2
8	MP2B	Z	0	2
9	MP2B	Mx	-.109	2
10	MP2B	X	174.203	6
11	MP2B	Z	0	6
12	MP2B	Mx	-.109	6
13	MP2C	X	160.921	2
14	MP2C	Z	0	2
15	MP2C	Mx	.158	2
16	MP2C	X	160.921	6
17	MP2C	Z	0	6
18	MP2C	Mx	.158	6
19	MP2A	X	117.432	2
20	MP2A	Z	0	2
21	MP2A	Mx	-.062	2
22	MP2A	X	117.432	6
23	MP2A	Z	0	6
24	MP2A	Mx	-.062	6
25	MP2B	X	174.203	2
26	MP2B	Z	0	2
27	MP2B	Mx	.149	2
28	MP2B	X	174.203	6
29	MP2B	Z	0	6
30	MP2B	Mx	.149	6
31	MP2C	X	160.921	2
32	MP2C	Z	0	2
33	MP2C	Mx	-.051	2
34	MP2C	X	160.921	6
35	MP2C	Z	0	6
36	MP2C	Mx	-.051	6
37	MP4A	X	150.712	1
38	MP4A	Z	0	1
39	MP4A	Mx	-.099	1
40	MP4A	X	150.712	7
41	MP4A	Z	0	7
42	MP4A	Mx	-.099	7
43	MP4B	X	219.233	1
44	MP4B	Z	0	1
45	MP4B	Mx	.025	1
46	MP4B	X	219.233	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
47	MP4B	Z	0	7
48	MP4B	Mx	.025	7
49	MP4C	X	203.202	1
50	MP4C	Z	0	1
51	MP4C	Mx	.068	1
52	MP4C	X	203.202	7
53	MP4C	Z	0	7
54	MP4C	Mx	.068	7
55	MP3A	X	37.22	3
56	MP3A	Z	0	3
57	MP3A	Mx	-.024	3
58	MP3A	X	37.22	5
59	MP3A	Z	0	5
60	MP3A	Mx	-.024	5
61	MP3B	X	89.148	3
62	MP3B	Z	0	3
63	MP3B	Mx	.01	3
64	MP3B	X	89.148	5
65	MP3B	Z	0	5
66	MP3B	Mx	.01	5
67	MP3C	X	76.999	3
68	MP3C	Z	0	3
69	MP3C	Mx	.026	3
70	MP3C	X	76.999	5
71	MP3C	Z	0	5
72	MP3C	Mx	.026	5
73	MP1A	X	7.578	4
74	MP1A	Z	0	4
75	MP1A	Mx	-.004	4
76	MP1B	X	33.56	4
77	MP1B	Z	0	4
78	MP1B	Mx	.003	4
79	MP1C	X	27.481	4
80	MP1C	Z	0	4
81	MP1C	Mx	.007	4
82	OVP1	X	128.999	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1
85	MP2A	X	10.026	4
86	MP2A	Z	0	4
87	MP2A	Mx	.005	4
88	MP2B	X	14.166	4
89	MP2B	Z	0	4
90	MP2B	Mx	-.001	4
91	MP2C	X	13.197	4
92	MP2C	Z	0	4
93	MP2C	Mx	-.003	4
94	MP2A	X	49.028	1.5
95	MP2A	Z	0	1.5
96	MP2A	Mx	.032	1.5
97	MP2B	X	71.542	1.5
98	MP2B	Z	0	1.5
99	MP2B	Mx	-.008	1.5
100	MP2C	X	66.275	1.5
101	MP2C	Z	0	1.5
102	MP2C	Mx	-.022	1.5
103	MP1A	X	40.126	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
104	MP1A	Z	0	1.5
105	MP1A	Mx	.026	1.5
106	MP1B	X	71.265	1.5
107	MP1B	Z	0	1.5
108	MP1B	Mx	-.008	1.5
109	MP1C	X	63.98	1.5
110	MP1C	Z	0	1.5
111	MP1C	Mx	-.021	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	106.242	2
2	MP2A	Z	61.339	2
3	MP2A	Mx	-.045	2
4	MP2A	X	106.242	6
5	MP2A	Z	61.339	6
6	MP2A	Mx	-.045	6
7	MP2B	X	146.321	2
8	MP2B	Z	84.479	2
9	MP2B	Mx	-.158	2
10	MP2B	X	146.321	6
11	MP2B	Z	84.479	6
12	MP2B	Mx	-.158	6
13	MP2C	X	113.202	2
14	MP2C	Z	65.357	2
15	MP2C	Mx	.124	2
16	MP2C	X	113.202	6
17	MP2C	Z	65.357	6
18	MP2C	Mx	.124	6
19	MP2A	X	106.242	2
20	MP2A	Z	61.339	2
21	MP2A	Mx	-.108	2
22	MP2A	X	106.242	6
23	MP2A	Z	61.339	6
24	MP2A	Mx	-.108	6
25	MP2B	X	146.321	2
26	MP2B	Z	84.479	2
27	MP2B	Mx	.081	2
28	MP2B	X	146.321	6
29	MP2B	Z	84.479	6
30	MP2B	Mx	.081	6
31	MP2C	X	113.202	2
32	MP2C	Z	65.357	2
33	MP2C	Mx	.026	2
34	MP2C	X	113.202	6
35	MP2C	Z	65.357	6
36	MP2C	Mx	.026	6
37	MP4A	X	136.003	1
38	MP4A	Z	78.521	1
39	MP4A	Mx	-.098	1
40	MP4A	X	136.003	7
41	MP4A	Z	78.521	7
42	MP4A	Mx	-.098	7
43	MP4B	X	184.378	1
44	MP4B	Z	106.451	1
45	MP4B	Mx	-.049	1



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
46	MP4B	X	184.378	7
47	MP4B	Z	106.451	7
48	MP4B	Mx	-.049	7
49	MP4C	X	144.403	1
50	MP4C	Z	83.371	1
51	MP4C	Mx	.096	1
52	MP4C	X	144.403	7
53	MP4C	Z	83.371	7
54	MP4C	Mx	.096	7
55	MP3A	X	36.388	3
56	MP3A	Z	21.009	3
57	MP3A	Mx	-.026	3
58	MP3A	X	36.388	5
59	MP3A	Z	21.009	5
60	MP3A	Mx	-.026	5
61	MP3B	X	73.049	3
62	MP3B	Z	42.175	3
63	MP3B	Mx	-.019	3
64	MP3B	X	73.049	5
65	MP3B	Z	42.175	5
66	MP3B	Mx	-.019	5
67	MP3C	X	42.754	3
68	MP3C	Z	24.684	3
69	MP3C	Mx	.029	3
70	MP3C	X	42.754	5
71	MP3C	Z	24.684	5
72	MP3C	Mx	.029	5
73	MP1A	X	8.642	4
74	MP1A	Z	4.99	4
75	MP1A	Mx	-.005	4
76	MP1B	X	26.985	4
77	MP1B	Z	15.58	4
78	MP1B	Mx	-.005	4
79	MP1C	X	11.827	4
80	MP1C	Z	6.828	4
81	MP1C	Mx	.006	4
82	OVP1	X	127.823	1
83	OVP1	Z	73.798	1
84	OVP1	Mx	0	1
85	MP2A	X	9.014	4
86	MP2A	Z	5.204	4
87	MP2A	Mx	.005	4
88	MP2B	X	11.936	4
89	MP2B	Z	6.892	4
90	MP2B	Mx	.002	4
91	MP2C	X	9.521	4
92	MP2C	Z	5.497	4
93	MP2C	Mx	-.005	4
94	MP2A	X	44.261	1.5
95	MP2A	Z	25.554	1.5
96	MP2A	Mx	.032	1.5
97	MP2B	X	60.156	1.5
98	MP2B	Z	34.731	1.5
99	MP2B	Mx	.016	1.5
100	MP2C	X	47.021	1.5
101	MP2C	Z	27.148	1.5
102	MP2C	Mx	-.031	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
103	MP1A	X	37.242	1.5
104	MP1A	Z	21.502	1.5
105	MP1A	Mx	.027	1.5
106	MP1B	X	59.226	1.5
107	MP1B	Z	34.194	1.5
108	MP1B	Mx	.016	1.5
109	MP1C	X	41.06	1.5
110	MP1C	Z	23.706	1.5
111	MP1C	Mx	-.027	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	75.531	2
2	MP2A	Z	130.824	2
3	MP2A	Mx	.022	2
4	MP2A	X	75.531	6
5	MP2A	Z	130.824	6
6	MP2A	Mx	.022	6
7	MP2B	X	70.286	2
8	MP2B	Z	121.739	2
9	MP2B	Mx	-.14	2
10	MP2B	X	70.286	6
11	MP2B	Z	121.739	6
12	MP2B	Mx	-.14	6
13	MP2C	X	57.805	2
14	MP2C	Z	100.122	2
15	MP2C	Mx	.077	2
16	MP2C	X	57.805	6
17	MP2C	Z	100.122	6
18	MP2C	Mx	.077	6
19	MP2A	X	75.531	2
20	MP2A	Z	130.824	2
21	MP2A	Mx	-.152	2
22	MP2A	X	75.531	6
23	MP2A	Z	130.824	6
24	MP2A	Mx	-.152	6
25	MP2B	X	70.286	2
26	MP2B	Z	121.739	2
27	MP2B	Mx	-.004	2
28	MP2B	X	70.286	6
29	MP2B	Z	121.739	6
30	MP2B	Mx	-.004	6
31	MP2C	X	57.805	2
32	MP2C	Z	100.122	2
33	MP2C	Mx	.077	2
34	MP2C	X	57.805	6
35	MP2C	Z	100.122	6
36	MP2C	Mx	.077	6
37	MP4A	X	95.652	1
38	MP4A	Z	165.673	1
39	MP4A	Mx	-.082	1
40	MP4A	X	95.652	7
41	MP4A	Z	165.673	7
42	MP4A	Mx	-.082	7
43	MP4B	X	89.321	1
44	MP4B	Z	154.708	1



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]	
45	MP4B	Mx	-.091	1
46	MP4B	X	89.321	7
47	MP4B	Z	154.708	7
48	MP4B	Mx	-.091	7
49	MP4C	X	74.256	1
50	MP4C	Z	128.616	1
51	MP4C	Mx	.099	1
52	MP4C	X	74.256	7
53	MP4C	Z	128.616	7
54	MP4C	Mx	.099	7
55	MP3A	X	33.991	3
56	MP3A	Z	58.874	3
57	MP3A	Mx	-.029	3
58	MP3A	X	33.991	5
59	MP3A	Z	58.874	5
60	MP3A	Mx	-.029	5
61	MP3B	X	29.193	3
62	MP3B	Z	50.564	3
63	MP3B	Mx	-.03	3
64	MP3B	X	29.193	5
65	MP3B	Z	50.564	5
66	MP3B	Mx	-.03	5
67	MP3C	X	17.777	3
68	MP3C	Z	30.79	3
69	MP3C	Mx	.024	3
70	MP3C	X	17.777	5
71	MP3C	Z	30.79	5
72	MP3C	Mx	.024	5
73	MP1A	X	11.485	4
74	MP1A	Z	19.892	4
75	MP1A	Mx	-.007	4
76	MP1B	X	9.084	4
77	MP1B	Z	15.734	4
78	MP1B	Mx	-.007	4
79	MP1C	X	3.372	4
80	MP1C	Z	5.841	4
81	MP1C	Mx	.003	4
82	OVP1	X	78.448	1
83	OVP1	Z	135.876	1
84	OVP1	Mx	0	1
85	MP2A	X	6.239	4
86	MP2A	Z	10.806	4
87	MP2A	Mx	.004	4
88	MP2B	X	5.857	4
89	MP2B	Z	10.144	4
90	MP2B	Mx	.004	4
91	MP2C	X	4.946	4
92	MP2C	Z	8.568	4
93	MP2C	Mx	-.005	4
94	MP2A	X	31.183	1.5
95	MP2A	Z	54.01	1.5
96	MP2A	Mx	.027	1.5
97	MP2B	X	29.102	1.5
98	MP2B	Z	50.407	1.5
99	MP2B	Mx	.03	1.5
100	MP2C	X	24.153	1.5
101	MP2C	Z	41.834	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
102	MP2C	Mx	-.032	1.5
103	MP1A	X	29.287	1.5
104	MP1A	Z	50.726	1.5
105	MP1A	Mx	.025	1.5
106	MP1B	X	26.409	1.5
107	MP1B	Z	45.742	1.5
108	MP1B	Mx	.027	1.5
109	MP1C	X	19.564	1.5
110	MP1C	Z	33.885	1.5
111	MP1C	Mx	-.026	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	0	2
2	MP2A	Z	174.203	2
3	MP2A	Mx	.109	2
4	MP2A	X	0	6
5	MP2A	Z	174.203	6
6	MP2A	Mx	.109	6
7	MP2B	X	0	2
8	MP2B	Z	117.432	2
9	MP2B	Mx	-.092	2
10	MP2B	X	0	6
11	MP2B	Z	117.432	6
12	MP2B	Mx	-.092	6
13	MP2C	X	0	2
14	MP2C	Z	130.714	2
15	MP2C	Mx	.026	2
16	MP2C	X	0	6
17	MP2C	Z	130.714	6
18	MP2C	Mx	.026	6
19	MP2A	X	0	2
20	MP2A	Z	174.203	2
21	MP2A	Mx	-.149	2
22	MP2A	X	0	6
23	MP2A	Z	174.203	6
24	MP2A	Mx	-.149	6
25	MP2B	X	0	2
26	MP2B	Z	117.432	2
27	MP2B	Mx	-.062	2
28	MP2B	X	0	6
29	MP2B	Z	117.432	6
30	MP2B	Mx	-.062	6
31	MP2C	X	0	2
32	MP2C	Z	130.714	2
33	MP2C	Mx	.124	2
34	MP2C	X	0	6
35	MP2C	Z	130.714	6
36	MP2C	Mx	.124	6
37	MP4A	X	0	1
38	MP4A	Z	219.233	1
39	MP4A	Mx	-.025	1
40	MP4A	X	0	7
41	MP4A	Z	219.233	7
42	MP4A	Mx	-.025	7
43	MP4B	X	0	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
44	MP4B	Z	150.712	1
45	MP4B	Mx	-.099	1
46	MP4B	X	0	7
47	MP4B	Z	150.712	7
48	MP4B	Mx	-.099	7
49	MP4C	X	0	1
50	MP4C	Z	166.743	1
51	MP4C	Mx	.096	1
52	MP4C	X	0	7
53	MP4C	Z	166.743	7
54	MP4C	Mx	.096	7
55	MP3A	X	0	3
56	MP3A	Z	89.148	3
57	MP3A	Mx	-.01	3
58	MP3A	X	0	5
59	MP3A	Z	89.148	5
60	MP3A	Mx	-.01	5
61	MP3B	X	0	3
62	MP3B	Z	37.22	3
63	MP3B	Mx	-.024	3
64	MP3B	X	0	5
65	MP3B	Z	37.22	5
66	MP3B	Mx	-.024	5
67	MP3C	X	0	3
68	MP3C	Z	49.369	3
69	MP3C	Mx	.029	3
70	MP3C	X	0	5
71	MP3C	Z	49.369	5
72	MP3C	Mx	.029	5
73	MP1A	X	0	4
74	MP1A	Z	33.56	4
75	MP1A	Mx	-.003	4
76	MP1B	X	0	4
77	MP1B	Z	7.578	4
78	MP1B	Mx	-.004	4
79	MP1C	X	0	4
80	MP1C	Z	13.657	4
81	MP1C	Mx	.006	4
82	OVP1	X	0	1
83	OVP1	Z	147.597	1
84	OVP1	Mx	0	1
85	MP2A	X	0	4
86	MP2A	Z	14.166	4
87	MP2A	Mx	.001	4
88	MP2B	X	0	4
89	MP2B	Z	10.026	4
90	MP2B	Mx	.005	4
91	MP2C	X	0	4
92	MP2C	Z	10.994	4
93	MP2C	Mx	-.005	4
94	MP2A	X	0	1.5
95	MP2A	Z	71.542	1.5
96	MP2A	Mx	.008	1.5
97	MP2B	X	0	1.5
98	MP2B	Z	49.028	1.5
99	MP2B	Mx	.032	1.5
100	MP2C	X	0	1.5





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
101	MP2C	Z	54.295	1.5
102	MP2C	Mx	-.031	1.5
103	MP1A	X	0	1.5
104	MP1A	Z	71.265	1.5
105	MP1A	Mx	.008	1.5
106	MP1B	X	0	1.5
107	MP1B	Z	40.126	1.5
108	MP1B	Mx	.026	1.5
109	MP1C	X	0	1.5
110	MP1C	Z	47.412	1.5
111	MP1C	Mx	-.027	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	-84.479	2
2	MP2A	Z	146.321	2
3	MP2A	Mx	.158	2
4	MP2A	X	-84.479	6
5	MP2A	Z	146.321	6
6	MP2A	Mx	.158	6
7	MP2B	X	-61.339	2
8	MP2B	Z	106.242	2
9	MP2B	Mx	-.045	2
10	MP2B	X	-61.339	6
11	MP2B	Z	106.242	6
12	MP2B	Mx	-.045	6
13	MP2C	X	-80.46	2
14	MP2C	Z	139.362	2
15	MP2C	Mx	-.051	2
16	MP2C	X	-80.46	6
17	MP2C	Z	139.362	6
18	MP2C	Mx	-.051	6
19	MP2A	X	-84.479	2
20	MP2A	Z	146.321	2
21	MP2A	Mx	-.081	2
22	MP2A	X	-84.479	6
23	MP2A	Z	146.321	6
24	MP2A	Mx	-.081	6
25	MP2B	X	-61.339	2
26	MP2B	Z	106.242	2
27	MP2B	Mx	-.108	2
28	MP2B	X	-61.339	6
29	MP2B	Z	106.242	6
30	MP2B	Mx	-.108	6
31	MP2C	X	-80.46	2
32	MP2C	Z	139.362	2
33	MP2C	Mx	.158	2
34	MP2C	X	-80.46	6
35	MP2C	Z	139.362	6
36	MP2C	Mx	.158	6
37	MP4A	X	-106.451	1
38	MP4A	Z	184.378	1
39	MP4A	Mx	.049	1
40	MP4A	X	-106.451	7
41	MP4A	Z	184.378	7
42	MP4A	Mx	.049	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
43	MP4B	X	-78.521	1
44	MP4B	Z	136.003	1
45	MP4B	Mx	-.098	1
46	MP4B	X	-78.521	7
47	MP4B	Z	136.003	7
48	MP4B	Mx	-.098	7
49	MP4C	X	-101.601	1
50	MP4C	Z	175.978	1
51	MP4C	Mx	.068	1
52	MP4C	X	-101.601	7
53	MP4C	Z	175.978	7
54	MP4C	Mx	.068	7
55	MP3A	X	-42.175	3
56	MP3A	Z	73.049	3
57	MP3A	Mx	.019	3
58	MP3A	X	-42.175	5
59	MP3A	Z	73.049	5
60	MP3A	Mx	.019	5
61	MP3B	X	-21.009	3
62	MP3B	Z	36.388	3
63	MP3B	Mx	-.026	3
64	MP3B	X	-21.009	5
65	MP3B	Z	36.388	5
66	MP3B	Mx	-.026	5
67	MP3C	X	-38.499	3
68	MP3C	Z	66.683	3
69	MP3C	Mx	.026	3
70	MP3C	X	-38.499	5
71	MP3C	Z	66.683	5
72	MP3C	Mx	.026	5
73	MP1A	X	-15.58	4
74	MP1A	Z	26.985	4
75	MP1A	Mx	.005	4
76	MP1B	X	-4.99	4
77	MP1B	Z	8.642	4
78	MP1B	Mx	-.005	4
79	MP1C	X	-13.741	4
80	MP1C	Z	23.799	4
81	MP1C	Mx	.007	4
82	OVP1	X	-64.5	1
83	OVP1	Z	111.717	1
84	OVP1	Mx	0	1
85	MP2A	X	-6.892	4
86	MP2A	Z	11.936	4
87	MP2A	Mx	-.002	4
88	MP2B	X	-5.204	4
89	MP2B	Z	9.014	4
90	MP2B	Mx	.005	4
91	MP2C	X	-6.599	4
92	MP2C	Z	11.429	4
93	MP2C	Mx	-.003	4
94	MP2A	X	-34.731	1.5
95	MP2A	Z	60.156	1.5
96	MP2A	Mx	-.016	1.5
97	MP2B	X	-25.554	1.5
98	MP2B	Z	44.261	1.5
99	MP2B	Mx	.032	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
100	MP2C	X	-33.137	1.5
101	MP2C	Z	57.396	1.5
102	MP2C	Mx	-.022	1.5
103	MP1A	X	-34.194	1.5
104	MP1A	Z	59.226	1.5
105	MP1A	Mx	-.016	1.5
106	MP1B	X	-21.502	1.5
107	MP1B	Z	37.242	1.5
108	MP1B	Mx	.027	1.5
109	MP1C	X	-31.99	1.5
110	MP1C	Z	55.409	1.5
111	MP1C	Mx	-.021	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-121.739	2
2	MP2A	Z	70.286	2
3	MP2A	Mx	.14	2
4	MP2A	X	-121.739	6
5	MP2A	Z	70.286	6
6	MP2A	Mx	.14	6
7	MP2B	X	-130.824	2
8	MP2B	Z	75.531	2
9	MP2B	Mx	.022	2
10	MP2B	X	-130.824	6
11	MP2B	Z	75.531	6
12	MP2B	Mx	.022	6
13	MP2C	X	-152.442	2
14	MP2C	Z	88.012	2
15	MP2C	Mx	-.132	2
16	MP2C	X	-152.442	6
17	MP2C	Z	88.012	6
18	MP2C	Mx	-.132	6
19	MP2A	X	-121.739	2
20	MP2A	Z	70.286	2
21	MP2A	Mx	.004	2
22	MP2A	X	-121.739	6
23	MP2A	Z	70.286	6
24	MP2A	Mx	.004	6
25	MP2B	X	-130.824	2
26	MP2B	Z	75.531	2
27	MP2B	Mx	-.152	2
28	MP2B	X	-130.824	6
29	MP2B	Z	75.531	6
30	MP2B	Mx	-.152	6
31	MP2C	X	-152.442	2
32	MP2C	Z	88.012	2
33	MP2C	Mx	.132	2
34	MP2C	X	-152.442	6
35	MP2C	Z	88.012	6
36	MP2C	Mx	.132	6
37	MP4A	X	-154.708	1
38	MP4A	Z	89.321	1
39	MP4A	Mx	.091	1
40	MP4A	X	-154.708	7
41	MP4A	Z	89.321	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
42	MP4A	Mx	.091	7
43	MP4B	X	-165.673	1
44	MP4B	Z	95.652	1
45	MP4B	Mx	-.082	1
46	MP4B	X	-165.673	7
47	MP4B	Z	95.652	7
48	MP4B	Mx	-.082	7
49	MP4C	X	-191.765	1
50	MP4C	Z	110.716	1
51	MP4C	Mx	0	1
52	MP4C	X	-191.765	7
53	MP4C	Z	110.716	7
54	MP4C	Mx	0	7
55	MP3A	X	-50.564	3
56	MP3A	Z	29.193	3
57	MP3A	Mx	.03	3
58	MP3A	X	-50.564	5
59	MP3A	Z	29.193	5
60	MP3A	Mx	.03	5
61	MP3B	X	-58.874	3
62	MP3B	Z	33.991	3
63	MP3B	Mx	-.029	3
64	MP3B	X	-58.874	5
65	MP3B	Z	33.991	5
66	MP3B	Mx	-.029	5
67	MP3C	X	-78.647	3
68	MP3C	Z	45.407	3
69	MP3C	Mx	0	3
70	MP3C	X	-78.647	5
71	MP3C	Z	45.407	5
72	MP3C	Mx	0	5
73	MP1A	X	-15.734	4
74	MP1A	Z	9.084	4
75	MP1A	Mx	.007	4
76	MP1B	X	-19.892	4
77	MP1B	Z	11.485	4
78	MP1B	Mx	-.007	4
79	MP1C	X	-29.786	4
80	MP1C	Z	17.197	4
81	MP1C	Mx	0	4
82	OVP1	X	-103.664	1
83	OVP1	Z	59.85	1
84	OVP1	Mx	0	1
85	MP2A	X	-10.144	4
86	MP2A	Z	5.857	4
87	MP2A	Mx	-.004	4
88	MP2B	X	-10.806	4
89	MP2B	Z	6.239	4
90	MP2B	Mx	.004	4
91	MP2C	X	-12.383	4
92	MP2C	Z	7.149	4
93	MP2C	Mx	0	4
94	MP2A	X	-50.407	1.5
95	MP2A	Z	29.102	1.5
96	MP2A	Mx	-.03	1.5
97	MP2B	X	-54.01	1.5
98	MP2B	Z	31.183	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
99	MP2B	Mx	.027	1.5
100	MP2C	X	-62.583	1.5
101	MP2C	Z	36.132	1.5
102	MP2C	Mx	0	1.5
103	MP1A	X	-45.742	1.5
104	MP1A	Z	26.409	1.5
105	MP1A	Mx	-.027	1.5
106	MP1B	X	-50.726	1.5
107	MP1B	Z	29.287	1.5
108	MP1B	Mx	.025	1.5
109	MP1C	X	-62.583	1.5
110	MP1C	Z	36.132	1.5
111	MP1C	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-117.432	2
2	MP2A	Z	0	2
3	MP2A	Mx	.092	2
4	MP2A	X	-117.432	6
5	MP2A	Z	0	6
6	MP2A	Mx	.092	6
7	MP2B	X	-174.203	2
8	MP2B	Z	0	2
9	MP2B	Mx	.109	2
10	MP2B	X	-174.203	6
11	MP2B	Z	0	6
12	MP2B	Mx	.109	6
13	MP2C	X	-160.921	2
14	MP2C	Z	0	2
15	MP2C	Mx	-.158	2
16	MP2C	X	-160.921	6
17	MP2C	Z	0	6
18	MP2C	Mx	-.158	6
19	MP2A	X	-117.432	2
20	MP2A	Z	0	2
21	MP2A	Mx	.062	2
22	MP2A	X	-117.432	6
23	MP2A	Z	0	6
24	MP2A	Mx	.062	6
25	MP2B	X	-174.203	2
26	MP2B	Z	0	2
27	MP2B	Mx	-.149	2
28	MP2B	X	-174.203	6
29	MP2B	Z	0	6
30	MP2B	Mx	-.149	6
31	MP2C	X	-160.921	2
32	MP2C	Z	0	2
33	MP2C	Mx	.051	2
34	MP2C	X	-160.921	6
35	MP2C	Z	0	6
36	MP2C	Mx	.051	6
37	MP4A	X	-150.712	1
38	MP4A	Z	0	1
39	MP4A	Mx	.099	1
40	MP4A	X	-150.712	7



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
41	MP4A	Z	0	7
42	MP4A	Mx	.099	7
43	MP4B	X	-219.233	1
44	MP4B	Z	0	1
45	MP4B	Mx	-.025	1
46	MP4B	X	-219.233	7
47	MP4B	Z	0	7
48	MP4B	Mx	-.025	7
49	MP4C	X	-203.202	1
50	MP4C	Z	0	1
51	MP4C	Mx	-.068	1
52	MP4C	X	-203.202	7
53	MP4C	Z	0	7
54	MP4C	Mx	-.068	7
55	MP3A	X	-37.22	3
56	MP3A	Z	0	3
57	MP3A	Mx	.024	3
58	MP3A	X	-37.22	5
59	MP3A	Z	0	5
60	MP3A	Mx	.024	5
61	MP3B	X	-89.148	3
62	MP3B	Z	0	3
63	MP3B	Mx	-.01	3
64	MP3B	X	-89.148	5
65	MP3B	Z	0	5
66	MP3B	Mx	-.01	5
67	MP3C	X	-76.999	3
68	MP3C	Z	0	3
69	MP3C	Mx	-.026	3
70	MP3C	X	-76.999	5
71	MP3C	Z	0	5
72	MP3C	Mx	-.026	5
73	MP1A	X	-7.578	4
74	MP1A	Z	0	4
75	MP1A	Mx	.004	4
76	MP1B	X	-33.56	4
77	MP1B	Z	0	4
78	MP1B	Mx	-.003	4
79	MP1C	X	-27.481	4
80	MP1C	Z	0	4
81	MP1C	Mx	-.007	4
82	OVP1	X	-128.999	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1
85	MP2A	X	-10.026	4
86	MP2A	Z	0	4
87	MP2A	Mx	-.005	4
88	MP2B	X	-14.166	4
89	MP2B	Z	0	4
90	MP2B	Mx	.001	4
91	MP2C	X	-13.197	4
92	MP2C	Z	0	4
93	MP2C	Mx	.003	4
94	MP2A	X	-49.028	1.5
95	MP2A	Z	0	1.5
96	MP2A	Mx	-.032	1.5
97	MP2B	X	-71.542	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
98	MP2B	Z	0	1.5
99	MP2B	Mx	.008	1.5
100	MP2C	X	-66.275	1.5
101	MP2C	Z	0	1.5
102	MP2C	Mx	.022	1.5
103	MP1A	X	-40.126	1.5
104	MP1A	Z	0	1.5
105	MP1A	Mx	-.026	1.5
106	MP1B	X	-71.265	1.5
107	MP1B	Z	0	1.5
108	MP1B	Mx	.008	1.5
109	MP1C	X	-63.98	1.5
110	MP1C	Z	0	1.5
111	MP1C	Mx	.021	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-106.242	2
2	MP2A	Z	-61.339	2
3	MP2A	Mx	.045	2
4	MP2A	X	-106.242	6
5	MP2A	Z	-61.339	6
6	MP2A	Mx	.045	6
7	MP2B	X	-146.321	2
8	MP2B	Z	-84.479	2
9	MP2B	Mx	.158	2
10	MP2B	X	-146.321	6
11	MP2B	Z	-84.479	6
12	MP2B	Mx	.158	6
13	MP2C	X	-113.202	2
14	MP2C	Z	-65.357	2
15	MP2C	Mx	-.124	2
16	MP2C	X	-113.202	6
17	MP2C	Z	-65.357	6
18	MP2C	Mx	-.124	6
19	MP2A	X	-106.242	2
20	MP2A	Z	-61.339	2
21	MP2A	Mx	.108	2
22	MP2A	X	-106.242	6
23	MP2A	Z	-61.339	6
24	MP2A	Mx	.108	6
25	MP2B	X	-146.321	2
26	MP2B	Z	-84.479	2
27	MP2B	Mx	-.081	2
28	MP2B	X	-146.321	6
29	MP2B	Z	-84.479	6
30	MP2B	Mx	-.081	6
31	MP2C	X	-113.202	2
32	MP2C	Z	-65.357	2
33	MP2C	Mx	-.026	2
34	MP2C	X	-113.202	6
35	MP2C	Z	-65.357	6
36	MP2C	Mx	-.026	6
37	MP4A	X	-136.003	1
38	MP4A	Z	-78.521	1
39	MP4A	Mx	.098	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
40	MP4A	X	-136.003	7
41	MP4A	Z	-78.521	7
42	MP4A	Mx	.098	7
43	MP4B	X	-184.378	1
44	MP4B	Z	-106.451	1
45	MP4B	Mx	.049	1
46	MP4B	X	-184.378	7
47	MP4B	Z	-106.451	7
48	MP4B	Mx	.049	7
49	MP4C	X	-144.403	1
50	MP4C	Z	-83.371	1
51	MP4C	Mx	-.096	1
52	MP4C	X	-144.403	7
53	MP4C	Z	-83.371	7
54	MP4C	Mx	-.096	7
55	MP3A	X	-36.388	3
56	MP3A	Z	-21.009	3
57	MP3A	Mx	.026	3
58	MP3A	X	-36.388	5
59	MP3A	Z	-21.009	5
60	MP3A	Mx	.026	5
61	MP3B	X	-73.049	3
62	MP3B	Z	-42.175	3
63	MP3B	Mx	.019	3
64	MP3B	X	-73.049	5
65	MP3B	Z	-42.175	5
66	MP3B	Mx	.019	5
67	MP3C	X	-42.754	3
68	MP3C	Z	-24.684	3
69	MP3C	Mx	-.029	3
70	MP3C	X	-42.754	5
71	MP3C	Z	-24.684	5
72	MP3C	Mx	-.029	5
73	MP1A	X	-8.642	4
74	MP1A	Z	-4.99	4
75	MP1A	Mx	.005	4
76	MP1B	X	-26.985	4
77	MP1B	Z	-15.58	4
78	MP1B	Mx	.005	4
79	MP1C	X	-11.827	4
80	MP1C	Z	-6.828	4
81	MP1C	Mx	-.006	4
82	OVP1	X	-127.823	1
83	OVP1	Z	-73.798	1
84	OVP1	Mx	0	1
85	MP2A	X	-9.014	4
86	MP2A	Z	-5.204	4
87	MP2A	Mx	-.005	4
88	MP2B	X	-11.936	4
89	MP2B	Z	-6.892	4
90	MP2B	Mx	-.002	4
91	MP2C	X	-9.521	4
92	MP2C	Z	-5.497	4
93	MP2C	Mx	.005	4
94	MP2A	X	-44.261	1.5
95	MP2A	Z	-25.554	1.5
96	MP2A	Mx	-.032	1.5





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
97	MP2B	X	-60.156	1.5
98	MP2B	Z	-34.731	1.5
99	MP2B	Mx	-.016	1.5
100	MP2C	X	-47.021	1.5
101	MP2C	Z	-27.148	1.5
102	MP2C	Mx	.031	1.5
103	MP1A	X	-37.242	1.5
104	MP1A	Z	-21.502	1.5
105	MP1A	Mx	-.027	1.5
106	MP1B	X	-59.226	1.5
107	MP1B	Z	-34.194	1.5
108	MP1B	Mx	-.016	1.5
109	MP1C	X	-41.06	1.5
110	MP1C	Z	-23.706	1.5
111	MP1C	Mx	.027	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-75.531	2
2	MP2A	Z	-130.824	2
3	MP2A	Mx	-.022	2
4	MP2A	X	-75.531	6
5	MP2A	Z	-130.824	6
6	MP2A	Mx	-.022	6
7	MP2B	X	-70.286	2
8	MP2B	Z	-121.739	2
9	MP2B	Mx	.14	2
10	MP2B	X	-70.286	6
11	MP2B	Z	-121.739	6
12	MP2B	Mx	.14	6
13	MP2C	X	-57.805	2
14	MP2C	Z	-100.122	2
15	MP2C	Mx	-.077	2
16	MP2C	X	-57.805	6
17	MP2C	Z	-100.122	6
18	MP2C	Mx	-.077	6
19	MP2A	X	-75.531	2
20	MP2A	Z	-130.824	2
21	MP2A	Mx	.152	2
22	MP2A	X	-75.531	6
23	MP2A	Z	-130.824	6
24	MP2A	Mx	.152	6
25	MP2B	X	-70.286	2
26	MP2B	Z	-121.739	2
27	MP2B	Mx	.004	2
28	MP2B	X	-70.286	6
29	MP2B	Z	-121.739	6
30	MP2B	Mx	.004	6
31	MP2C	X	-57.805	2
32	MP2C	Z	-100.122	2
33	MP2C	Mx	-.077	2
34	MP2C	X	-57.805	6
35	MP2C	Z	-100.122	6
36	MP2C	Mx	-.077	6
37	MP4A	X	-95.652	1
38	MP4A	Z	-165.673	1



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
39	MP4A	Mx	.082	1
40	MP4A	X	-95.652	7
41	MP4A	Z	-165.673	7
42	MP4A	Mx	.082	7
43	MP4B	X	-89.321	1
44	MP4B	Z	-154.708	1
45	MP4B	Mx	.091	1
46	MP4B	X	-89.321	7
47	MP4B	Z	-154.708	7
48	MP4B	Mx	.091	7
49	MP4C	X	-74.256	1
50	MP4C	Z	-128.616	1
51	MP4C	Mx	-.099	1
52	MP4C	X	-74.256	7
53	MP4C	Z	-128.616	7
54	MP4C	Mx	-.099	7
55	MP3A	X	-33.991	3
56	MP3A	Z	-58.874	3
57	MP3A	Mx	.029	3
58	MP3A	X	-33.991	5
59	MP3A	Z	-58.874	5
60	MP3A	Mx	.029	5
61	MP3B	X	-29.193	3
62	MP3B	Z	-50.564	3
63	MP3B	Mx	.03	3
64	MP3B	X	-29.193	5
65	MP3B	Z	-50.564	5
66	MP3B	Mx	.03	5
67	MP3C	X	-17.777	3
68	MP3C	Z	-30.79	3
69	MP3C	Mx	-.024	3
70	MP3C	X	-17.777	5
71	MP3C	Z	-30.79	5
72	MP3C	Mx	-.024	5
73	MP1A	X	-11.485	4
74	MP1A	Z	-19.892	4
75	MP1A	Mx	.007	4
76	MP1B	X	-9.084	4
77	MP1B	Z	-15.734	4
78	MP1B	Mx	.007	4
79	MP1C	X	-3.372	4
80	MP1C	Z	-5.841	4
81	MP1C	Mx	-.003	4
82	OVP1	X	-78.448	1
83	OVP1	Z	-135.876	1
84	OVP1	Mx	0	1
85	MP2A	X	-6.239	4
86	MP2A	Z	-10.806	4
87	MP2A	Mx	-.004	4
88	MP2B	X	-5.857	4
89	MP2B	Z	-10.144	4
90	MP2B	Mx	-.004	4
91	MP2C	X	-4.946	4
92	MP2C	Z	-8.568	4
93	MP2C	Mx	.005	4
94	MP2A	X	-31.183	1.5
95	MP2A	Z	-54.01	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
96	MP2A	Mx	-.027	1.5
97	MP2B	X	-29.102	1.5
98	MP2B	Z	-50.407	1.5
99	MP2B	Mx	-.03	1.5
100	MP2C	X	-24.153	1.5
101	MP2C	Z	-41.834	1.5
102	MP2C	Mx	.032	1.5
103	MP1A	X	-29.287	1.5
104	MP1A	Z	-50.726	1.5
105	MP1A	Mx	-.025	1.5
106	MP1B	X	-26.409	1.5
107	MP1B	Z	-45.742	1.5
108	MP1B	Mx	-.027	1.5
109	MP1C	X	-19.564	1.5
110	MP1C	Z	-33.885	1.5
111	MP1C	Mx	.026	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	0	2
2	MP2A	Z	-33.089	2
3	MP2A	Mx	-.021	2
4	MP2A	X	0	6
5	MP2A	Z	-33.089	6
6	MP2A	Mx	-.021	6
7	MP2B	X	0	2
8	MP2B	Z	-23.09	2
9	MP2B	Mx	.018	2
10	MP2B	X	0	6
11	MP2B	Z	-23.09	6
12	MP2B	Mx	.018	6
13	MP2C	X	0	2
14	MP2C	Z	-25.429	2
15	MP2C	Mx	-.005	2
16	MP2C	X	0	6
17	MP2C	Z	-25.429	6
18	MP2C	Mx	-.005	6
19	MP2A	X	0	2
20	MP2A	Z	-33.089	2
21	MP2A	Mx	.028	2
22	MP2A	X	0	6
23	MP2A	Z	-33.089	6
24	MP2A	Mx	.028	6
25	MP2B	X	0	2
26	MP2B	Z	-23.09	2
27	MP2B	Mx	.012	2
28	MP2B	X	0	6
29	MP2B	Z	-23.09	6
30	MP2B	Mx	.012	6
31	MP2C	X	0	2
32	MP2C	Z	-25.429	2
33	MP2C	Mx	-.024	2
34	MP2C	X	0	6
35	MP2C	Z	-25.429	6
36	MP2C	Mx	-.024	6
37	MP4A	X	0	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
38	MP4A	Z	-41.567	1
39	MP4A	Mx	.005	1
40	MP4A	X	0	7
41	MP4A	Z	-41.567	7
42	MP4A	Mx	.005	7
43	MP4B	X	0	1
44	MP4B	Z	-29.431	1
45	MP4B	Mx	.019	1
46	MP4B	X	0	7
47	MP4B	Z	-29.431	7
48	MP4B	Mx	.019	7
49	MP4C	X	0	1
50	MP4C	Z	-32.271	1
51	MP4C	Mx	-.019	1
52	MP4C	X	0	7
53	MP4C	Z	-32.271	7
54	MP4C	Mx	-.019	7
55	MP3A	X	0	3
56	MP3A	Z	-17.449	3
57	MP3A	Mx	.002	3
58	MP3A	X	0	5
59	MP3A	Z	-17.449	5
60	MP3A	Mx	.002	5
61	MP3B	X	0	3
62	MP3B	Z	-7.855	3
63	MP3B	Mx	.005	3
64	MP3B	X	0	5
65	MP3B	Z	-7.855	5
66	MP3B	Mx	.005	5
67	MP3C	X	0	3
68	MP3C	Z	-10.1	3
69	MP3C	Mx	-.006	3
70	MP3C	X	0	5
71	MP3C	Z	-10.1	5
72	MP3C	Mx	-.006	5
73	MP1A	X	0	4
74	MP1A	Z	-7.523	4
75	MP1A	Mx	.000653	4
76	MP1B	X	0	4
77	MP1B	Z	-2.405	4
78	MP1B	Mx	.001	4
79	MP1C	X	0	4
80	MP1C	Z	-3.602	4
81	MP1C	Mx	-.002	4
82	OVP1	X	0	1
83	OVP1	Z	-29.072	1
84	OVP1	Mx	0	1
85	MP2A	X	0	4
86	MP2A	Z	-3.582	4
87	MP2A	Mx	-.000311	4
88	MP2B	X	0	4
89	MP2B	Z	-2.731	4
90	MP2B	Mx	-.001	4
91	MP2C	X	0	4
92	MP2C	Z	-2.93	4
93	MP2C	Mx	.001	4
94	MP2A	X	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
95	MP2A	Z	-14.807	1.5
96	MP2A	Mx	-.002	1.5
97	MP2B	X	0	1.5
98	MP2B	Z	-10.522	1.5
99	MP2B	Mx	-.007	1.5
100	MP2C	X	0	1.5
101	MP2C	Z	-11.525	1.5
102	MP2C	Mx	.007	1.5
103	MP1A	X	0	1.5
104	MP1A	Z	-14.755	1.5
105	MP1A	Mx	-.002	1.5
106	MP1B	X	0	1.5
107	MP1B	Z	-8.842	1.5
108	MP1B	Mx	-.006	1.5
109	MP1C	X	0	1.5
110	MP1C	Z	-10.225	1.5
111	MP1C	Mx	.006	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	16.082	2
2	MP2A	Z	-27.856	2
3	MP2A	Mx	-.03	2
4	MP2A	X	16.082	6
5	MP2A	Z	-27.856	6
6	MP2A	Mx	-.03	6
7	MP2B	X	12.007	2
8	MP2B	Z	-20.796	2
9	MP2B	Mx	.009	2
10	MP2B	X	12.007	6
11	MP2B	Z	-20.796	6
12	MP2B	Mx	.009	6
13	MP2C	X	15.375	2
14	MP2C	Z	-26.63	2
15	MP2C	Mx	.01	2
16	MP2C	X	15.375	6
17	MP2C	Z	-26.63	6
18	MP2C	Mx	.01	6
19	MP2A	X	16.082	2
20	MP2A	Z	-27.856	2
21	MP2A	Mx	.015	2
22	MP2A	X	16.082	6
23	MP2A	Z	-27.856	6
24	MP2A	Mx	.015	6
25	MP2B	X	12.007	2
26	MP2B	Z	-20.796	2
27	MP2B	Mx	.021	2
28	MP2B	X	12.007	6
29	MP2B	Z	-20.796	6
30	MP2B	Mx	.021	6
31	MP2C	X	15.375	2
32	MP2C	Z	-26.63	2
33	MP2C	Mx	-.03	2
34	MP2C	X	15.375	6
35	MP2C	Z	-26.63	6
36	MP2C	Mx	-.03	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
37	MP4A	X	20.223	1
38	MP4A	Z	-35.027	1
39	MP4A	Mx	-.009	1
40	MP4A	X	20.223	7
41	MP4A	Z	-35.027	7
42	MP4A	Mx	-.009	7
43	MP4B	X	15.276	1
44	MP4B	Z	-26.459	1
45	MP4B	Mx	.019	1
46	MP4B	X	15.276	7
47	MP4B	Z	-26.459	7
48	MP4B	Mx	.019	7
49	MP4C	X	19.364	1
50	MP4C	Z	-33.54	1
51	MP4C	Mx	-.013	1
52	MP4C	X	19.364	7
53	MP4C	Z	-33.54	7
54	MP4C	Mx	-.013	7
55	MP3A	X	8.281	3
56	MP3A	Z	-14.344	3
57	MP3A	Mx	-.004	3
58	MP3A	X	8.281	5
59	MP3A	Z	-14.344	5
60	MP3A	Mx	-.004	5
61	MP3B	X	4.371	3
62	MP3B	Z	-7.57	3
63	MP3B	Mx	.005	3
64	MP3B	X	4.371	5
65	MP3B	Z	-7.57	5
66	MP3B	Mx	.005	5
67	MP3C	X	7.602	3
68	MP3C	Z	-13.168	3
69	MP3C	Mx	-.005	3
70	MP3C	X	7.602	5
71	MP3C	Z	-13.168	5
72	MP3C	Mx	-.005	5
73	MP1A	X	3.525	4
74	MP1A	Z	-6.106	4
75	MP1A	Mx	-.001	4
76	MP1B	X	1.439	4
77	MP1B	Z	-2.492	4
78	MP1B	Mx	.001	4
79	MP1C	X	3.163	4
80	MP1C	Z	-5.478	4
81	MP1C	Mx	-.002	4
82	OVP1	X	12.857	1
83	OVP1	Z	-22.268	1
84	OVP1	Mx	0	1
85	MP2A	X	1.752	4
86	MP2A	Z	-3.034	4
87	MP2A	Mx	.000599	4
88	MP2B	X	1.405	4
89	MP2B	Z	-2.433	4
90	MP2B	Mx	-.001	4
91	MP2C	X	1.691	4
92	MP2C	Z	-2.93	4
93	MP2C	Mx	.000846	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
94	MP2A	X	7.206	1.5
95	MP2A	Z	-12.48	1.5
96	MP2A	Mx	.003	1.5
97	MP2B	X	5.459	1.5
98	MP2B	Z	-9.455	1.5
99	MP2B	Mx	-.007	1.5
100	MP2C	X	6.902	1.5
101	MP2C	Z	-11.955	1.5
102	MP2C	Mx	.005	1.5
103	MP1A	X	7.104	1.5
104	MP1A	Z	-12.305	1.5
105	MP1A	Mx	.003	1.5
106	MP1B	X	4.694	1.5
107	MP1B	Z	-8.13	1.5
108	MP1B	Mx	-.006	1.5
109	MP1C	X	6.686	1.5
110	MP1C	Z	-11.58	1.5
111	MP1C	Mx	.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	23.526	2
2	MP2A	Z	-13.583	2
3	MP2A	Mx	-.027	2
4	MP2A	X	23.526	6
5	MP2A	Z	-13.583	6
6	MP2A	Mx	-.027	6
7	MP2B	X	25.126	2
8	MP2B	Z	-14.507	2
9	MP2B	Mx	-.004	2
10	MP2B	X	25.126	6
11	MP2B	Z	-14.507	6
12	MP2B	Mx	-.004	6
13	MP2C	X	28.934	2
14	MP2C	Z	-16.705	2
15	MP2C	Mx	.025	2
16	MP2C	X	28.934	6
17	MP2C	Z	-16.705	6
18	MP2C	Mx	.025	6
19	MP2A	X	23.526	2
20	MP2A	Z	-13.583	2
21	MP2A	Mx	-.000777	2
22	MP2A	X	23.526	6
23	MP2A	Z	-13.583	6
24	MP2A	Mx	-.000777	6
25	MP2B	X	25.126	2
26	MP2B	Z	-14.507	2
27	MP2B	Mx	.029	2
28	MP2B	X	25.126	6
29	MP2B	Z	-14.507	6
30	MP2B	Mx	.029	6
31	MP2C	X	28.934	2
32	MP2C	Z	-16.705	2
33	MP2C	Mx	-.025	2
34	MP2C	X	28.934	6
35	MP2C	Z	-16.705	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
36	MP2C	Mx	-.025	6
37	MP4A	X	29.772	1
38	MP4A	Z	-17.189	1
39	MP4A	Mx	-.018	1
40	MP4A	X	29.772	7
41	MP4A	Z	-17.189	7
42	MP4A	Mx	-.018	7
43	MP4B	X	31.714	1
44	MP4B	Z	-18.31	1
45	MP4B	Mx	.016	1
46	MP4B	X	31.714	7
47	MP4B	Z	-18.31	7
48	MP4B	Mx	.016	7
49	MP4C	X	36.336	1
50	MP4C	Z	-20.978	1
51	MP4C	Mx	0	1
52	MP4C	X	36.336	7
53	MP4C	Z	-20.978	7
54	MP4C	Mx	0	7
55	MP3A	X	10.189	3
56	MP3A	Z	-5.883	3
57	MP3A	Mx	-.006	3
58	MP3A	X	10.189	5
59	MP3A	Z	-5.883	5
60	MP3A	Mx	-.006	5
61	MP3B	X	11.725	3
62	MP3B	Z	-6.769	3
63	MP3B	Mx	.006	3
64	MP3B	X	11.725	5
65	MP3B	Z	-6.769	5
66	MP3B	Mx	.006	5
67	MP3C	X	15.378	3
68	MP3C	Z	-8.879	3
69	MP3C	Mx	0	3
70	MP3C	X	15.378	5
71	MP3C	Z	-8.879	5
72	MP3C	Mx	0	5
73	MP1A	X	3.89	4
74	MP1A	Z	-2.246	4
75	MP1A	Mx	-.002	4
76	MP1B	X	4.709	4
77	MP1B	Z	-2.719	4
78	MP1B	Mx	.002	4
79	MP1C	X	6.658	4
80	MP1C	Z	-3.844	4
81	MP1C	Mx	0	4
82	OVP1	X	20.814	1
83	OVP1	Z	-12.017	1
84	OVP1	Mx	0	1
85	MP2A	X	2.666	4
86	MP2A	Z	-1.539	4
87	MP2A	Mx	.001	4
88	MP2B	X	2.802	4
89	MP2B	Z	-1.618	4
90	MP2B	Mx	-.001	4
91	MP2C	X	3.126	4
92	MP2C	Z	-1.805	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
93	MP2C	Mx	0	4
94	MP2A	X	10.625	1.5
95	MP2A	Z	-6.134	1.5
96	MP2A	Mx	.006	1.5
97	MP2B	X	11.311	1.5
98	MP2B	Z	-6.53	1.5
99	MP2B	Mx	-.006	1.5
100	MP2C	X	12.942	1.5
101	MP2C	Z	-7.472	1.5
102	MP2C	Mx	0	1.5
103	MP1A	X	9.744	1.5
104	MP1A	Z	-5.626	1.5
105	MP1A	Mx	.006	1.5
106	MP1B	X	10.691	1.5
107	MP1B	Z	-6.172	1.5
108	MP1B	Mx	-.005	1.5
109	MP1C	X	12.942	1.5
110	MP1C	Z	-7.472	1.5
111	MP1C	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	23.09	2
2	MP2A	Z	0	2
3	MP2A	Mx	-.018	2
4	MP2A	X	23.09	6
5	MP2A	Z	0	6
6	MP2A	Mx	-.018	6
7	MP2B	X	33.089	2
8	MP2B	Z	0	2
9	MP2B	Mx	-.021	2
10	MP2B	X	33.089	6
11	MP2B	Z	0	6
12	MP2B	Mx	-.021	6
13	MP2C	X	30.749	2
14	MP2C	Z	0	2
15	MP2C	Mx	.03	2
16	MP2C	X	30.749	6
17	MP2C	Z	0	6
18	MP2C	Mx	.03	6
19	MP2A	X	23.09	2
20	MP2A	Z	0	2
21	MP2A	Mx	-.012	2
22	MP2A	X	23.09	6
23	MP2A	Z	0	6
24	MP2A	Mx	-.012	6
25	MP2B	X	33.089	2
26	MP2B	Z	0	2
27	MP2B	Mx	.028	2
28	MP2B	X	33.089	6
29	MP2B	Z	0	6
30	MP2B	Mx	.028	6
31	MP2C	X	30.749	2
32	MP2C	Z	0	2
33	MP2C	Mx	-.01	2
34	MP2C	X	30.749	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
35	MP2C	Z	0	6
36	MP2C	Mx	-.01	6
37	MP4A	X	29.431	1
38	MP4A	Z	0	1
39	MP4A	Mx	-.019	1
40	MP4A	X	29.431	7
41	MP4A	Z	0	7
42	MP4A	Mx	-.019	7
43	MP4B	X	41.567	1
44	MP4B	Z	0	1
45	MP4B	Mx	.005	1
46	MP4B	X	41.567	7
47	MP4B	Z	0	7
48	MP4B	Mx	.005	7
49	MP4C	X	38.728	1
50	MP4C	Z	0	1
51	MP4C	Mx	.013	1
52	MP4C	X	38.728	7
53	MP4C	Z	0	7
54	MP4C	Mx	.013	7
55	MP3A	X	7.855	3
56	MP3A	Z	0	3
57	MP3A	Mx	-.005	3
58	MP3A	X	7.855	5
59	MP3A	Z	0	5
60	MP3A	Mx	-.005	5
61	MP3B	X	17.449	3
62	MP3B	Z	0	3
63	MP3B	Mx	.002	3
64	MP3B	X	17.449	5
65	MP3B	Z	0	5
66	MP3B	Mx	.002	5
67	MP3C	X	15.205	3
68	MP3C	Z	0	3
69	MP3C	Mx	.005	3
70	MP3C	X	15.205	5
71	MP3C	Z	0	5
72	MP3C	Mx	.005	5
73	MP1A	X	2.405	4
74	MP1A	Z	0	4
75	MP1A	Mx	-.001	4
76	MP1B	X	7.523	4
77	MP1B	Z	0	4
78	MP1B	Mx	.000653	4
79	MP1C	X	6.326	4
80	MP1C	Z	0	4
81	MP1C	Mx	.002	4
82	OVP1	X	25.713	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1
85	MP2A	X	2.731	4
86	MP2A	Z	0	4
87	MP2A	Mx	.001	4
88	MP2B	X	3.582	4
89	MP2B	Z	0	4
90	MP2B	Mx	-.000311	4
91	MP2C	X	3.383	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
92	MP2C	Z	0	4
93	MP2C	Mx	-.000846	4
94	MP2A	X	10.522	1.5
95	MP2A	Z	0	1.5
96	MP2A	Mx	.007	1.5
97	MP2B	X	14.807	1.5
98	MP2B	Z	0	1.5
99	MP2B	Mx	-.002	1.5
100	MP2C	X	13.804	1.5
101	MP2C	Z	0	1.5
102	MP2C	Mx	-.005	1.5
103	MP1A	X	8.842	1.5
104	MP1A	Z	0	1.5
105	MP1A	Mx	.006	1.5
106	MP1B	X	14.755	1.5
107	MP1B	Z	0	1.5
108	MP1B	Mx	-.002	1.5
109	MP1C	X	13.371	1.5
110	MP1C	Z	0	1.5
111	MP1C	Mx	-.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	20.796	2
2	MP2A	Z	12.007	2
3	MP2A	Mx	-.009	2
4	MP2A	X	20.796	6
5	MP2A	Z	12.007	6
6	MP2A	Mx	-.009	6
7	MP2B	X	27.856	2
8	MP2B	Z	16.082	2
9	MP2B	Mx	-.03	2
10	MP2B	X	27.856	6
11	MP2B	Z	16.082	6
12	MP2B	Mx	-.03	6
13	MP2C	X	22.022	2
14	MP2C	Z	12.715	2
15	MP2C	Mx	.024	2
16	MP2C	X	22.022	6
17	MP2C	Z	12.715	6
18	MP2C	Mx	.024	6
19	MP2A	X	20.796	2
20	MP2A	Z	12.007	2
21	MP2A	Mx	-.021	2
22	MP2A	X	20.796	6
23	MP2A	Z	12.007	6
24	MP2A	Mx	-.021	6
25	MP2B	X	27.856	2
26	MP2B	Z	16.082	2
27	MP2B	Mx	.015	2
28	MP2B	X	27.856	6
29	MP2B	Z	16.082	6
30	MP2B	Mx	.015	6
31	MP2C	X	22.022	2
32	MP2C	Z	12.715	2
33	MP2C	Mx	.005	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
34	MP2C	X	22.022	6
35	MP2C	Z	12.715	6
36	MP2C	Mx	.005	6
37	MP4A	X	26.459	1
38	MP4A	Z	15.276	1
39	MP4A	Mx	-.019	1
40	MP4A	X	26.459	7
41	MP4A	Z	15.276	7
42	MP4A	Mx	-.019	7
43	MP4B	X	35.027	1
44	MP4B	Z	20.223	1
45	MP4B	Mx	-.009	1
46	MP4B	X	35.027	7
47	MP4B	Z	20.223	7
48	MP4B	Mx	-.009	7
49	MP4C	X	27.947	1
50	MP4C	Z	16.135	1
51	MP4C	Mx	.019	1
52	MP4C	X	27.947	7
53	MP4C	Z	16.135	7
54	MP4C	Mx	.019	7
55	MP3A	X	7.57	3
56	MP3A	Z	4.371	3
57	MP3A	Mx	-.005	3
58	MP3A	X	7.57	5
59	MP3A	Z	4.371	5
60	MP3A	Mx	-.005	5
61	MP3B	X	14.344	3
62	MP3B	Z	8.281	3
63	MP3B	Mx	-.004	3
64	MP3B	X	14.344	5
65	MP3B	Z	8.281	5
66	MP3B	Mx	-.004	5
67	MP3C	X	8.747	3
68	MP3C	Z	5.05	3
69	MP3C	Mx	.006	3
70	MP3C	X	8.747	5
71	MP3C	Z	5.05	5
72	MP3C	Mx	.006	5
73	MP1A	X	2.492	4
74	MP1A	Z	1.439	4
75	MP1A	Mx	-.001	4
76	MP1B	X	6.106	4
77	MP1B	Z	3.525	4
78	MP1B	Mx	-.001	4
79	MP1C	X	3.12	4
80	MP1C	Z	1.801	4
81	MP1C	Mx	.002	4
82	OVP1	X	25.177	1
83	OVP1	Z	14.536	1
84	OVP1	Mx	0	1
85	MP2A	X	2.433	4
86	MP2A	Z	1.405	4
87	MP2A	Mx	.001	4
88	MP2B	X	3.034	4
89	MP2B	Z	1.752	4
90	MP2B	Mx	.000599	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
91	MP2C	X	2.538	4
92	MP2C	Z	1.465	4
93	MP2C	Mx	-.001	4
94	MP2A	X	9.455	1.5
95	MP2A	Z	5.459	1.5
96	MP2A	Mx	.007	1.5
97	MP2B	X	12.48	1.5
98	MP2B	Z	7.206	1.5
99	MP2B	Mx	.003	1.5
100	MP2C	X	9.981	1.5
101	MP2C	Z	5.762	1.5
102	MP2C	Mx	-.007	1.5
103	MP1A	X	8.13	1.5
104	MP1A	Z	4.694	1.5
105	MP1A	Mx	.006	1.5
106	MP1B	X	12.305	1.5
107	MP1B	Z	7.104	1.5
108	MP1B	Mx	.003	1.5
109	MP1C	X	8.855	1.5
110	MP1C	Z	5.113	1.5
111	MP1C	Mx	-.006	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	14.507	2
2	MP2A	Z	25.126	2
3	MP2A	Mx	.004	2
4	MP2A	X	14.507	6
5	MP2A	Z	25.126	6
6	MP2A	Mx	.004	6
7	MP2B	X	13.583	2
8	MP2B	Z	23.526	2
9	MP2B	Mx	-.027	2
10	MP2B	X	13.583	6
11	MP2B	Z	23.526	6
12	MP2B	Mx	-.027	6
13	MP2C	X	11.384	2
14	MP2C	Z	19.718	2
15	MP2C	Mx	.015	2
16	MP2C	X	11.384	6
17	MP2C	Z	19.718	6
18	MP2C	Mx	.015	6
19	MP2A	X	14.507	2
20	MP2A	Z	25.126	2
21	MP2A	Mx	-.029	2
22	MP2A	X	14.507	6
23	MP2A	Z	25.126	6
24	MP2A	Mx	-.029	6
25	MP2B	X	13.583	2
26	MP2B	Z	23.526	2
27	MP2B	Mx	-.000777	2
28	MP2B	X	13.583	6
29	MP2B	Z	23.526	6
30	MP2B	Mx	-.000777	6
31	MP2C	X	11.384	2
32	MP2C	Z	19.718	2



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
33	MP2C	Mx	.015	2
34	MP2C	X	11.384	6
35	MP2C	Z	19.718	6
36	MP2C	Mx	.015	6
37	MP4A	X	18.31	1
38	MP4A	Z	31.714	1
39	MP4A	Mx	-.016	1
40	MP4A	X	18.31	7
41	MP4A	Z	31.714	7
42	MP4A	Mx	-.016	7
43	MP4B	X	17.189	1
44	MP4B	Z	29.772	1
45	MP4B	Mx	-.018	1
46	MP4B	X	17.189	7
47	MP4B	Z	29.772	7
48	MP4B	Mx	-.018	7
49	MP4C	X	14.521	1
50	MP4C	Z	25.151	1
51	MP4C	Mx	.019	1
52	MP4C	X	14.521	7
53	MP4C	Z	25.151	7
54	MP4C	Mx	.019	7
55	MP3A	X	6.769	3
56	MP3A	Z	11.725	3
57	MP3A	Mx	-.006	3
58	MP3A	X	6.769	5
59	MP3A	Z	11.725	5
60	MP3A	Mx	-.006	5
61	MP3B	X	5.883	3
62	MP3B	Z	10.189	3
63	MP3B	Mx	-.006	3
64	MP3B	X	5.883	5
65	MP3B	Z	10.189	5
66	MP3B	Mx	-.006	5
67	MP3C	X	3.774	3
68	MP3C	Z	6.536	3
69	MP3C	Mx	.005	3
70	MP3C	X	3.774	5
71	MP3C	Z	6.536	5
72	MP3C	Mx	.005	5
73	MP1A	X	2.719	4
74	MP1A	Z	4.709	4
75	MP1A	Mx	-.002	4
76	MP1B	X	2.246	4
77	MP1B	Z	3.89	4
78	MP1B	Mx	-.002	4
79	MP1C	X	1.12	4
80	MP1C	Z	1.94	4
81	MP1C	Mx	.001	4
82	OVP1	X	15.376	1
83	OVP1	Z	26.632	1
84	OVP1	Mx	0	1
85	MP2A	X	1.618	4
86	MP2A	Z	2.802	4
87	MP2A	Mx	.001	4
88	MP2B	X	1.539	4
89	MP2B	Z	2.666	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
90	MP2B	Mx	.001	4
91	MP2C	X	1.352	4
92	MP2C	Z	2.342	4
93	MP2C	Mx	-.001	4
94	MP2A	X	6.53	1.5
95	MP2A	Z	11.311	1.5
96	MP2A	Mx	.006	1.5
97	MP2B	X	6.134	1.5
98	MP2B	Z	10.625	1.5
99	MP2B	Mx	.006	1.5
100	MP2C	X	5.192	1.5
101	MP2C	Z	8.993	1.5
102	MP2C	Mx	-.007	1.5
103	MP1A	X	6.172	1.5
104	MP1A	Z	10.691	1.5
105	MP1A	Mx	.005	1.5
106	MP1B	X	5.626	1.5
107	MP1B	Z	9.744	1.5
108	MP1B	Mx	.006	1.5
109	MP1C	X	4.326	1.5
110	MP1C	Z	7.493	1.5
111	MP1C	Mx	-.006	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	2
2	MP2A	Z	33.089	2
3	MP2A	Mx	.021	2
4	MP2A	X	0	6
5	MP2A	Z	33.089	6
6	MP2A	Mx	.021	6
7	MP2B	X	0	2
8	MP2B	Z	23.09	2
9	MP2B	Mx	-.018	2
10	MP2B	X	0	6
11	MP2B	Z	23.09	6
12	MP2B	Mx	-.018	6
13	MP2C	X	0	2
14	MP2C	Z	25.429	2
15	MP2C	Mx	.005	2
16	MP2C	X	0	6
17	MP2C	Z	25.429	6
18	MP2C	Mx	.005	6
19	MP2A	X	0	2
20	MP2A	Z	33.089	2
21	MP2A	Mx	-.028	2
22	MP2A	X	0	6
23	MP2A	Z	33.089	6
24	MP2A	Mx	-.028	6
25	MP2B	X	0	2
26	MP2B	Z	23.09	2
27	MP2B	Mx	-.012	2
28	MP2B	X	0	6
29	MP2B	Z	23.09	6
30	MP2B	Mx	-.012	6
31	MP2C	X	0	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
32	MP2C	Z	25.429	2
33	MP2C	Mx	.024	2
34	MP2C	X	0	6
35	MP2C	Z	25.429	6
36	MP2C	Mx	.024	6
37	MP4A	X	0	1
38	MP4A	Z	41.567	1
39	MP4A	Mx	-.005	1
40	MP4A	X	0	7
41	MP4A	Z	41.567	7
42	MP4A	Mx	-.005	7
43	MP4B	X	0	1
44	MP4B	Z	29.431	1
45	MP4B	Mx	-.019	1
46	MP4B	X	0	7
47	MP4B	Z	29.431	7
48	MP4B	Mx	-.019	7
49	MP4C	X	0	1
50	MP4C	Z	32.271	1
51	MP4C	Mx	.019	1
52	MP4C	X	0	7
53	MP4C	Z	32.271	7
54	MP4C	Mx	.019	7
55	MP3A	X	0	3
56	MP3A	Z	17.449	3
57	MP3A	Mx	-.002	3
58	MP3A	X	0	5
59	MP3A	Z	17.449	5
60	MP3A	Mx	-.002	5
61	MP3B	X	0	3
62	MP3B	Z	7.855	3
63	MP3B	Mx	-.005	3
64	MP3B	X	0	5
65	MP3B	Z	7.855	5
66	MP3B	Mx	-.005	5
67	MP3C	X	0	3
68	MP3C	Z	10.1	3
69	MP3C	Mx	.006	3
70	MP3C	X	0	5
71	MP3C	Z	10.1	5
72	MP3C	Mx	.006	5
73	MP1A	X	0	4
74	MP1A	Z	7.523	4
75	MP1A	Mx	-.000653	4
76	MP1B	X	0	4
77	MP1B	Z	2.405	4
78	MP1B	Mx	-.001	4
79	MP1C	X	0	4
80	MP1C	Z	3.602	4
81	MP1C	Mx	.002	4
82	OVP1	X	0	1
83	OVP1	Z	29.072	1
84	OVP1	Mx	0	1
85	MP2A	X	0	4
86	MP2A	Z	3.582	4
87	MP2A	Mx	.000311	4
88	MP2B	X	0	4





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
89	MP2B	Z	2.731	4
90	MP2B	Mx	.001	4
91	MP2C	X	0	4
92	MP2C	Z	2.93	4
93	MP2C	Mx	-.001	4
94	MP2A	X	0	1.5
95	MP2A	Z	14.807	1.5
96	MP2A	Mx	.002	1.5
97	MP2B	X	0	1.5
98	MP2B	Z	10.522	1.5
99	MP2B	Mx	.007	1.5
100	MP2C	X	0	1.5
101	MP2C	Z	11.525	1.5
102	MP2C	Mx	-.007	1.5
103	MP1A	X	0	1.5
104	MP1A	Z	14.755	1.5
105	MP1A	Mx	.002	1.5
106	MP1B	X	0	1.5
107	MP1B	Z	8.842	1.5
108	MP1B	Mx	.006	1.5
109	MP1C	X	0	1.5
110	MP1C	Z	10.225	1.5
111	MP1C	Mx	-.006	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-16.082	2
2	MP2A	Z	27.856	2
3	MP2A	Mx	.03	2
4	MP2A	X	-16.082	6
5	MP2A	Z	27.856	6
6	MP2A	Mx	.03	6
7	MP2B	X	-12.007	2
8	MP2B	Z	20.796	2
9	MP2B	Mx	-.009	2
10	MP2B	X	-12.007	6
11	MP2B	Z	20.796	6
12	MP2B	Mx	-.009	6
13	MP2C	X	-15.375	2
14	MP2C	Z	26.63	2
15	MP2C	Mx	-.01	2
16	MP2C	X	-15.375	6
17	MP2C	Z	26.63	6
18	MP2C	Mx	-.01	6
19	MP2A	X	-16.082	2
20	MP2A	Z	27.856	2
21	MP2A	Mx	-.015	2
22	MP2A	X	-16.082	6
23	MP2A	Z	27.856	6
24	MP2A	Mx	-.015	6
25	MP2B	X	-12.007	2
26	MP2B	Z	20.796	2
27	MP2B	Mx	-.021	2
28	MP2B	X	-12.007	6
29	MP2B	Z	20.796	6
30	MP2B	Mx	-.021	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
31	MP2C	X	-15.375	2
32	MP2C	Z	26.63	2
33	MP2C	Mx	.03	2
34	MP2C	X	-15.375	6
35	MP2C	Z	26.63	6
36	MP2C	Mx	.03	6
37	MP4A	X	-20.223	1
38	MP4A	Z	35.027	1
39	MP4A	Mx	.009	1
40	MP4A	X	-20.223	7
41	MP4A	Z	35.027	7
42	MP4A	Mx	.009	7
43	MP4B	X	-15.276	1
44	MP4B	Z	26.459	1
45	MP4B	Mx	-.019	1
46	MP4B	X	-15.276	7
47	MP4B	Z	26.459	7
48	MP4B	Mx	-.019	7
49	MP4C	X	-19.364	1
50	MP4C	Z	33.54	1
51	MP4C	Mx	.013	1
52	MP4C	X	-19.364	7
53	MP4C	Z	33.54	7
54	MP4C	Mx	.013	7
55	MP3A	X	-8.281	3
56	MP3A	Z	14.344	3
57	MP3A	Mx	.004	3
58	MP3A	X	-8.281	5
59	MP3A	Z	14.344	5
60	MP3A	Mx	.004	5
61	MP3B	X	-4.371	3
62	MP3B	Z	7.57	3
63	MP3B	Mx	-.005	3
64	MP3B	X	-4.371	5
65	MP3B	Z	7.57	5
66	MP3B	Mx	-.005	5
67	MP3C	X	-7.602	3
68	MP3C	Z	13.168	3
69	MP3C	Mx	.005	3
70	MP3C	X	-7.602	5
71	MP3C	Z	13.168	5
72	MP3C	Mx	.005	5
73	MP1A	X	-3.525	4
74	MP1A	Z	6.106	4
75	MP1A	Mx	.001	4
76	MP1B	X	-1.439	4
77	MP1B	Z	2.492	4
78	MP1B	Mx	-.001	4
79	MP1C	X	-3.163	4
80	MP1C	Z	5.478	4
81	MP1C	Mx	.002	4
82	OVP1	X	-12.857	1
83	OVP1	Z	22.268	1
84	OVP1	Mx	0	1
85	MP2A	X	-1.752	4
86	MP2A	Z	3.034	4
87	MP2A	Mx	-.000599	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
88	MP2B	X	-1.405	4
89	MP2B	Z	2.433	4
90	MP2B	Mx	.001	4
91	MP2C	X	-1.691	4
92	MP2C	Z	2.93	4
93	MP2C	Mx	-.000846	4
94	MP2A	X	-7.206	1.5
95	MP2A	Z	12.48	1.5
96	MP2A	Mx	-.003	1.5
97	MP2B	X	-5.459	1.5
98	MP2B	Z	9.455	1.5
99	MP2B	Mx	.007	1.5
100	MP2C	X	-6.902	1.5
101	MP2C	Z	11.955	1.5
102	MP2C	Mx	-.005	1.5
103	MP1A	X	-7.104	1.5
104	MP1A	Z	12.305	1.5
105	MP1A	Mx	-.003	1.5
106	MP1B	X	-4.694	1.5
107	MP1B	Z	8.13	1.5
108	MP1B	Mx	.006	1.5
109	MP1C	X	-6.686	1.5
110	MP1C	Z	11.58	1.5
111	MP1C	Mx	-.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-23.526	2
2	MP2A	Z	13.583	2
3	MP2A	Mx	.027	2
4	MP2A	X	-23.526	6
5	MP2A	Z	13.583	6
6	MP2A	Mx	.027	6
7	MP2B	X	-25.126	2
8	MP2B	Z	14.507	2
9	MP2B	Mx	.004	2
10	MP2B	X	-25.126	6
11	MP2B	Z	14.507	6
12	MP2B	Mx	.004	6
13	MP2C	X	-28.934	2
14	MP2C	Z	16.705	2
15	MP2C	Mx	-.025	2
16	MP2C	X	-28.934	6
17	MP2C	Z	16.705	6
18	MP2C	Mx	-.025	6
19	MP2A	X	-23.526	2
20	MP2A	Z	13.583	2
21	MP2A	Mx	.000777	2
22	MP2A	X	-23.526	6
23	MP2A	Z	13.583	6
24	MP2A	Mx	.000777	6
25	MP2B	X	-25.126	2
26	MP2B	Z	14.507	2
27	MP2B	Mx	-.029	2
28	MP2B	X	-25.126	6
29	MP2B	Z	14.507	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
30	MP2B	Mx	-.029	6
31	MP2C	X	-28.934	2
32	MP2C	Z	16.705	2
33	MP2C	Mx	.025	2
34	MP2C	X	-28.934	6
35	MP2C	Z	16.705	6
36	MP2C	Mx	.025	6
37	MP4A	X	-29.772	1
38	MP4A	Z	17.189	1
39	MP4A	Mx	.018	1
40	MP4A	X	-29.772	7
41	MP4A	Z	17.189	7
42	MP4A	Mx	.018	7
43	MP4B	X	-31.714	1
44	MP4B	Z	18.31	1
45	MP4B	Mx	-.016	1
46	MP4B	X	-31.714	7
47	MP4B	Z	18.31	7
48	MP4B	Mx	-.016	7
49	MP4C	X	-36.336	1
50	MP4C	Z	20.978	1
51	MP4C	Mx	0	1
52	MP4C	X	-36.336	7
53	MP4C	Z	20.978	7
54	MP4C	Mx	0	7
55	MP3A	X	-10.189	3
56	MP3A	Z	5.883	3
57	MP3A	Mx	.006	3
58	MP3A	X	-10.189	5
59	MP3A	Z	5.883	5
60	MP3A	Mx	.006	5
61	MP3B	X	-11.725	3
62	MP3B	Z	6.769	3
63	MP3B	Mx	-.006	3
64	MP3B	X	-11.725	5
65	MP3B	Z	6.769	5
66	MP3B	Mx	-.006	5
67	MP3C	X	-15.378	3
68	MP3C	Z	8.879	3
69	MP3C	Mx	0	3
70	MP3C	X	-15.378	5
71	MP3C	Z	8.879	5
72	MP3C	Mx	0	5
73	MP1A	X	-3.89	4
74	MP1A	Z	2.246	4
75	MP1A	Mx	.002	4
76	MP1B	X	-4.709	4
77	MP1B	Z	2.719	4
78	MP1B	Mx	-.002	4
79	MP1C	X	-6.658	4
80	MP1C	Z	3.844	4
81	MP1C	Mx	0	4
82	OVP1	X	-20.814	1
83	OVP1	Z	12.017	1
84	OVP1	Mx	0	1
85	MP2A	X	-2.666	4
86	MP2A	Z	1.539	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
87	MP2A	Mx	-.001	4
88	MP2B	X	-2.802	4
89	MP2B	Z	1.618	4
90	MP2B	Mx	.001	4
91	MP2C	X	-3.126	4
92	MP2C	Z	1.805	4
93	MP2C	Mx	0	4
94	MP2A	X	-10.625	1.5
95	MP2A	Z	6.134	1.5
96	MP2A	Mx	-.006	1.5
97	MP2B	X	-11.311	1.5
98	MP2B	Z	6.53	1.5
99	MP2B	Mx	.006	1.5
100	MP2C	X	-12.942	1.5
101	MP2C	Z	7.472	1.5
102	MP2C	Mx	0	1.5
103	MP1A	X	-9.744	1.5
104	MP1A	Z	5.626	1.5
105	MP1A	Mx	-.006	1.5
106	MP1B	X	-10.691	1.5
107	MP1B	Z	6.172	1.5
108	MP1B	Mx	.005	1.5
109	MP1C	X	-12.942	1.5
110	MP1C	Z	7.472	1.5
111	MP1C	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-23.09	2
2	MP2A	Z	0	2
3	MP2A	Mx	.018	2
4	MP2A	X	-23.09	6
5	MP2A	Z	0	6
6	MP2A	Mx	.018	6
7	MP2B	X	-33.089	2
8	MP2B	Z	0	2
9	MP2B	Mx	.021	2
10	MP2B	X	-33.089	6
11	MP2B	Z	0	6
12	MP2B	Mx	.021	6
13	MP2C	X	-30.749	2
14	MP2C	Z	0	2
15	MP2C	Mx	-.03	2
16	MP2C	X	-30.749	6
17	MP2C	Z	0	6
18	MP2C	Mx	-.03	6
19	MP2A	X	-23.09	2
20	MP2A	Z	0	2
21	MP2A	Mx	.012	2
22	MP2A	X	-23.09	6
23	MP2A	Z	0	6
24	MP2A	Mx	.012	6
25	MP2B	X	-33.089	2
26	MP2B	Z	0	2
27	MP2B	Mx	-.028	2
28	MP2B	X	-33.089	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
29	MP2B	Z	0	6
30	MP2B	Mx	-.028	6
31	MP2C	X	-30.749	2
32	MP2C	Z	0	2
33	MP2C	Mx	.01	2
34	MP2C	X	-30.749	6
35	MP2C	Z	0	6
36	MP2C	Mx	.01	6
37	MP4A	X	-29.431	1
38	MP4A	Z	0	1
39	MP4A	Mx	.019	1
40	MP4A	X	-29.431	7
41	MP4A	Z	0	7
42	MP4A	Mx	.019	7
43	MP4B	X	-41.567	1
44	MP4B	Z	0	1
45	MP4B	Mx	-.005	1
46	MP4B	X	-41.567	7
47	MP4B	Z	0	7
48	MP4B	Mx	-.005	7
49	MP4C	X	-38.728	1
50	MP4C	Z	0	1
51	MP4C	Mx	-.013	1
52	MP4C	X	-38.728	7
53	MP4C	Z	0	7
54	MP4C	Mx	-.013	7
55	MP3A	X	-7.855	3
56	MP3A	Z	0	3
57	MP3A	Mx	.005	3
58	MP3A	X	-7.855	5
59	MP3A	Z	0	5
60	MP3A	Mx	.005	5
61	MP3B	X	-17.449	3
62	MP3B	Z	0	3
63	MP3B	Mx	-.002	3
64	MP3B	X	-17.449	5
65	MP3B	Z	0	5
66	MP3B	Mx	-.002	5
67	MP3C	X	-15.205	3
68	MP3C	Z	0	3
69	MP3C	Mx	-.005	3
70	MP3C	X	-15.205	5
71	MP3C	Z	0	5
72	MP3C	Mx	-.005	5
73	MP1A	X	-2.405	4
74	MP1A	Z	0	4
75	MP1A	Mx	.001	4
76	MP1B	X	-7.523	4
77	MP1B	Z	0	4
78	MP1B	Mx	-.000653	4
79	MP1C	X	-6.326	4
80	MP1C	Z	0	4
81	MP1C	Mx	-.002	4
82	OVP1	X	-25.713	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1
85	MP2A	X	-2.731	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
86	MP2A	Z	0	4
87	MP2A	Mx	-.001	4
88	MP2B	X	-3.582	4
89	MP2B	Z	0	4
90	MP2B	Mx	.000311	4
91	MP2C	X	-3.383	4
92	MP2C	Z	0	4
93	MP2C	Mx	.000846	4
94	MP2A	X	-10.522	1.5
95	MP2A	Z	0	1.5
96	MP2A	Mx	-.007	1.5
97	MP2B	X	-14.807	1.5
98	MP2B	Z	0	1.5
99	MP2B	Mx	.002	1.5
100	MP2C	X	-13.804	1.5
101	MP2C	Z	0	1.5
102	MP2C	Mx	.005	1.5
103	MP1A	X	-8.842	1.5
104	MP1A	Z	0	1.5
105	MP1A	Mx	-.006	1.5
106	MP1B	X	-14.755	1.5
107	MP1B	Z	0	1.5
108	MP1B	Mx	.002	1.5
109	MP1C	X	-13.371	1.5
110	MP1C	Z	0	1.5
111	MP1C	Mx	.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	-20.796	2
2	MP2A	Z	-12.007	2
3	MP2A	Mx	.009	2
4	MP2A	X	-20.796	6
5	MP2A	Z	-12.007	6
6	MP2A	Mx	.009	6
7	MP2B	X	-27.856	2
8	MP2B	Z	-16.082	2
9	MP2B	Mx	.03	2
10	MP2B	X	-27.856	6
11	MP2B	Z	-16.082	6
12	MP2B	Mx	.03	6
13	MP2C	X	-22.022	2
14	MP2C	Z	-12.715	2
15	MP2C	Mx	-.024	2
16	MP2C	X	-22.022	6
17	MP2C	Z	-12.715	6
18	MP2C	Mx	-.024	6
19	MP2A	X	-20.796	2
20	MP2A	Z	-12.007	2
21	MP2A	Mx	.021	2
22	MP2A	X	-20.796	6
23	MP2A	Z	-12.007	6
24	MP2A	Mx	.021	6
25	MP2B	X	-27.856	2
26	MP2B	Z	-16.082	2
27	MP2B	Mx	-.015	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
28	MP2B	X	-27.856	6
29	MP2B	Z	-16.082	6
30	MP2B	Mx	-.015	6
31	MP2C	X	-22.022	2
32	MP2C	Z	-12.715	2
33	MP2C	Mx	-.005	2
34	MP2C	X	-22.022	6
35	MP2C	Z	-12.715	6
36	MP2C	Mx	-.005	6
37	MP4A	X	-26.459	1
38	MP4A	Z	-15.276	1
39	MP4A	Mx	.019	1
40	MP4A	X	-26.459	7
41	MP4A	Z	-15.276	7
42	MP4A	Mx	.019	7
43	MP4B	X	-35.027	1
44	MP4B	Z	-20.223	1
45	MP4B	Mx	.009	1
46	MP4B	X	-35.027	7
47	MP4B	Z	-20.223	7
48	MP4B	Mx	.009	7
49	MP4C	X	-27.947	1
50	MP4C	Z	-16.135	1
51	MP4C	Mx	-.019	1
52	MP4C	X	-27.947	7
53	MP4C	Z	-16.135	7
54	MP4C	Mx	-.019	7
55	MP3A	X	-7.57	3
56	MP3A	Z	-4.371	3
57	MP3A	Mx	.005	3
58	MP3A	X	-7.57	5
59	MP3A	Z	-4.371	5
60	MP3A	Mx	.005	5
61	MP3B	X	-14.344	3
62	MP3B	Z	-8.281	3
63	MP3B	Mx	.004	3
64	MP3B	X	-14.344	5
65	MP3B	Z	-8.281	5
66	MP3B	Mx	.004	5
67	MP3C	X	-8.747	3
68	MP3C	Z	-5.05	3
69	MP3C	Mx	-.006	3
70	MP3C	X	-8.747	5
71	MP3C	Z	-5.05	5
72	MP3C	Mx	-.006	5
73	MP1A	X	-2.492	4
74	MP1A	Z	-1.439	4
75	MP1A	Mx	.001	4
76	MP1B	X	-6.106	4
77	MP1B	Z	-3.525	4
78	MP1B	Mx	.001	4
79	MP1C	X	-3.12	4
80	MP1C	Z	-1.801	4
81	MP1C	Mx	-.002	4
82	OVP1	X	-25.177	1
83	OVP1	Z	-14.536	1
84	OVP1	Mx	0	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP2A	X	-2.433	4
86	MP2A	Z	-1.405	4
87	MP2A	Mx	-.001	4
88	MP2B	X	-3.034	4
89	MP2B	Z	-1.752	4
90	MP2B	Mx	-.000599	4
91	MP2C	X	-2.538	4
92	MP2C	Z	-1.465	4
93	MP2C	Mx	.001	4
94	MP2A	X	-9.455	1.5
95	MP2A	Z	-5.459	1.5
96	MP2A	Mx	-.007	1.5
97	MP2B	X	-12.48	1.5
98	MP2B	Z	-7.206	1.5
99	MP2B	Mx	-.003	1.5
100	MP2C	X	-9.981	1.5
101	MP2C	Z	-5.762	1.5
102	MP2C	Mx	.007	1.5
103	MP1A	X	-8.13	1.5
104	MP1A	Z	-4.694	1.5
105	MP1A	Mx	-.006	1.5
106	MP1B	X	-12.305	1.5
107	MP1B	Z	-7.104	1.5
108	MP1B	Mx	-.003	1.5
109	MP1C	X	-8.855	1.5
110	MP1C	Z	-5.113	1.5
111	MP1C	Mx	.006	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-14.507	2
2	MP2A	Z	-25.126	2
3	MP2A	Mx	-.004	2
4	MP2A	X	-14.507	6
5	MP2A	Z	-25.126	6
6	MP2A	Mx	-.004	6
7	MP2B	X	-13.583	2
8	MP2B	Z	-23.526	2
9	MP2B	Mx	.027	2
10	MP2B	X	-13.583	6
11	MP2B	Z	-23.526	6
12	MP2B	Mx	.027	6
13	MP2C	X	-11.384	2
14	MP2C	Z	-19.718	2
15	MP2C	Mx	-.015	2
16	MP2C	X	-11.384	6
17	MP2C	Z	-19.718	6
18	MP2C	Mx	-.015	6
19	MP2A	X	-14.507	2
20	MP2A	Z	-25.126	2
21	MP2A	Mx	.029	2
22	MP2A	X	-14.507	6
23	MP2A	Z	-25.126	6
24	MP2A	Mx	.029	6
25	MP2B	X	-13.583	2
26	MP2B	Z	-23.526	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
27	MP2B	Mx	.000777	2
28	MP2B	X	-13.583	6
29	MP2B	Z	-23.526	6
30	MP2B	Mx	.000777	6
31	MP2C	X	-11.384	2
32	MP2C	Z	-19.718	2
33	MP2C	Mx	-.015	2
34	MP2C	X	-11.384	6
35	MP2C	Z	-19.718	6
36	MP2C	Mx	-.015	6
37	MP4A	X	-18.31	1
38	MP4A	Z	-31.714	1
39	MP4A	Mx	.016	1
40	MP4A	X	-18.31	7
41	MP4A	Z	-31.714	7
42	MP4A	Mx	.016	7
43	MP4B	X	-17.189	1
44	MP4B	Z	-29.772	1
45	MP4B	Mx	.018	1
46	MP4B	X	-17.189	7
47	MP4B	Z	-29.772	7
48	MP4B	Mx	.018	7
49	MP4C	X	-14.521	1
50	MP4C	Z	-25.151	1
51	MP4C	Mx	-.019	1
52	MP4C	X	-14.521	7
53	MP4C	Z	-25.151	7
54	MP4C	Mx	-.019	7
55	MP3A	X	-6.769	3
56	MP3A	Z	-11.725	3
57	MP3A	Mx	.006	3
58	MP3A	X	-6.769	5
59	MP3A	Z	-11.725	5
60	MP3A	Mx	.006	5
61	MP3B	X	-5.883	3
62	MP3B	Z	-10.189	3
63	MP3B	Mx	.006	3
64	MP3B	X	-5.883	5
65	MP3B	Z	-10.189	5
66	MP3B	Mx	.006	5
67	MP3C	X	-3.774	3
68	MP3C	Z	-6.536	3
69	MP3C	Mx	-.005	3
70	MP3C	X	-3.774	5
71	MP3C	Z	-6.536	5
72	MP3C	Mx	-.005	5
73	MP1A	X	-2.719	4
74	MP1A	Z	-4.709	4
75	MP1A	Mx	.002	4
76	MP1B	X	-2.246	4
77	MP1B	Z	-3.89	4
78	MP1B	Mx	.002	4
79	MP1C	X	-1.12	4
80	MP1C	Z	-1.94	4
81	MP1C	Mx	-.001	4
82	OVP1	X	-15.376	1
83	OVP1	Z	-26.632	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
84	OVP1	Mx	0	1
85	MP2A	X	-1.618	4
86	MP2A	Z	-2.802	4
87	MP2A	Mx	-.001	4
88	MP2B	X	-1.539	4
89	MP2B	Z	-2.666	4
90	MP2B	Mx	-.001	4
91	MP2C	X	-1.352	4
92	MP2C	Z	-2.342	4
93	MP2C	Mx	.001	4
94	MP2A	X	-6.53	1.5
95	MP2A	Z	-11.311	1.5
96	MP2A	Mx	-.006	1.5
97	MP2B	X	-6.134	1.5
98	MP2B	Z	-10.625	1.5
99	MP2B	Mx	-.006	1.5
100	MP2C	X	-5.192	1.5
101	MP2C	Z	-8.993	1.5
102	MP2C	Mx	.007	1.5
103	MP1A	X	-6.172	1.5
104	MP1A	Z	-10.691	1.5
105	MP1A	Mx	-.005	1.5
106	MP1B	X	-5.626	1.5
107	MP1B	Z	-9.744	1.5
108	MP1B	Mx	-.006	1.5
109	MP1C	X	-4.326	1.5
110	MP1C	Z	-7.493	1.5
111	MP1C	Mx	.006	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	2
2	MP2A	Z	-10.888	2
3	MP2A	Mx	-.007	2
4	MP2A	X	0	6
5	MP2A	Z	-10.888	6
6	MP2A	Mx	-.007	6
7	MP2B	X	0	2
8	MP2B	Z	-7.34	2
9	MP2B	Mx	.006	2
10	MP2B	X	0	6
11	MP2B	Z	-7.34	6
12	MP2B	Mx	.006	6
13	MP2C	X	0	2
14	MP2C	Z	-8.17	2
15	MP2C	Mx	-.002	2
16	MP2C	X	0	6
17	MP2C	Z	-8.17	6
18	MP2C	Mx	-.002	6
19	MP2A	X	0	2
20	MP2A	Z	-10.888	2
21	MP2A	Mx	.009	2
22	MP2A	X	0	6
23	MP2A	Z	-10.888	6
24	MP2A	Mx	.009	6
25	MP2B	X	0	2



Company : Maser Consulting  
 Designer : SEA  
 Job Number :  
 Model Name : Mount Analysis

Sept 30, 2021  
 5:20 PM  
 Checked By: DX

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP2B	Z	-7.34	2
27	MP2B	Mx	.004	2
28	MP2B	X	0	6
29	MP2B	Z	-7.34	6
30	MP2B	Mx	.004	6
31	MP2C	X	0	2
32	MP2C	Z	-8.17	2
33	MP2C	Mx	-.008	2
34	MP2C	X	0	6
35	MP2C	Z	-8.17	6
36	MP2C	Mx	-.008	6
37	MP4A	X	0	1
38	MP4A	Z	-13.702	1
39	MP4A	Mx	.002	1
40	MP4A	X	0	7
41	MP4A	Z	-13.702	7
42	MP4A	Mx	.002	7
43	MP4B	X	0	1
44	MP4B	Z	-9.419	1
45	MP4B	Mx	.006	1
46	MP4B	X	0	7
47	MP4B	Z	-9.419	7
48	MP4B	Mx	.006	7
49	MP4C	X	0	1
50	MP4C	Z	-10.421	1
51	MP4C	Mx	-.006	1
52	MP4C	X	0	7
53	MP4C	Z	-10.421	7
54	MP4C	Mx	-.006	7
55	MP3A	X	0	3
56	MP3A	Z	-5.572	3
57	MP3A	Mx	.000645	3
58	MP3A	X	0	5
59	MP3A	Z	-5.572	5
60	MP3A	Mx	.000645	5
61	MP3B	X	0	3
62	MP3B	Z	-2.326	3
63	MP3B	Mx	.002	3
64	MP3B	X	0	5
65	MP3B	Z	-2.326	5
66	MP3B	Mx	.002	5
67	MP3C	X	0	3
68	MP3C	Z	-3.086	3
69	MP3C	Mx	-.002	3
70	MP3C	X	0	5
71	MP3C	Z	-3.086	5
72	MP3C	Mx	-.002	5
73	MP1A	X	0	4
74	MP1A	Z	-2.097	4
75	MP1A	Mx	.000182	4
76	MP1B	X	0	4
77	MP1B	Z	-.474	4
78	MP1B	Mx	.000233	4
79	MP1C	X	0	4
80	MP1C	Z	-.854	4
81	MP1C	Mx	-.00037	4
82	OVP1	X	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
83	OVP1	Z	-9.225	1
84	OVP1	Mx	0	1
85	MP2A	X	0	4
86	MP2A	Z	- .885	4
87	MP2A	Mx	-7.7e-5	4
88	MP2B	X	0	4
89	MP2B	Z	- .627	4
90	MP2B	Mx	-.000309	4
91	MP2C	X	0	4
92	MP2C	Z	-.687	4
93	MP2C	Mx	.000297	4
94	MP2A	X	0	1.5
95	MP2A	Z	-4.471	1.5
96	MP2A	Mx	-.000518	1.5
97	MP2B	X	0	1.5
98	MP2B	Z	-3.064	1.5
99	MP2B	Mx	-.002	1.5
100	MP2C	X	0	1.5
101	MP2C	Z	-3.393	1.5
102	MP2C	Mx	.002	1.5
103	MP1A	X	0	1.5
104	MP1A	Z	-4.454	1.5
105	MP1A	Mx	-.000516	1.5
106	MP1B	X	0	1.5
107	MP1B	Z	-2.508	1.5
108	MP1B	Mx	-.002	1.5
109	MP1C	X	0	1.5
110	MP1C	Z	-2.963	1.5
111	MP1C	Mx	.002	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	5.28	2
2	MP2A	Z	-9.145	2
3	MP2A	Mx	-.01	2
4	MP2A	X	5.28	6
5	MP2A	Z	-9.145	6
6	MP2A	Mx	-.01	6
7	MP2B	X	3.834	2
8	MP2B	Z	-6.64	2
9	MP2B	Mx	.003	2
10	MP2B	X	3.834	6
11	MP2B	Z	-6.64	6
12	MP2B	Mx	.003	6
13	MP2C	X	5.029	2
14	MP2C	Z	-8.71	2
15	MP2C	Mx	.003	2
16	MP2C	X	5.029	6
17	MP2C	Z	-8.71	6
18	MP2C	Mx	.003	6
19	MP2A	X	5.28	2
20	MP2A	Z	-9.145	2
21	MP2A	Mx	.005	2
22	MP2A	X	5.28	6
23	MP2A	Z	-9.145	6
24	MP2A	Mx	.005	6



Company : Maser Consulting  
 Designer : SEA  
 Job Number :  
 Model Name : Mount Analysis

Sept 30, 2021  
 5:20 PM  
 Checked By: DX

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
25	MP2B	X	3.834	2
26	MP2B	Z	-6.64	2
27	MP2B	Mx	.007	2
28	MP2B	X	3.834	6
29	MP2B	Z	-6.64	6
30	MP2B	Mx	.007	6
31	MP2C	X	5.029	2
32	MP2C	Z	-8.71	2
33	MP2C	Mx	-.01	2
34	MP2C	X	5.029	6
35	MP2C	Z	-8.71	6
36	MP2C	Mx	-.01	6
37	MP4A	X	6.653	1
38	MP4A	Z	-11.524	1
39	MP4A	Mx	-.003	1
40	MP4A	X	6.653	7
41	MP4A	Z	-11.524	7
42	MP4A	Mx	-.003	7
43	MP4B	X	4.908	1
44	MP4B	Z	-8.5	1
45	MP4B	Mx	.006	1
46	MP4B	X	4.908	7
47	MP4B	Z	-8.5	7
48	MP4B	Mx	.006	7
49	MP4C	X	6.35	1
50	MP4C	Z	-10.999	1
51	MP4C	Mx	-.004	1
52	MP4C	X	6.35	7
53	MP4C	Z	-10.999	7
54	MP4C	Mx	-.004	7
55	MP3A	X	2.636	3
56	MP3A	Z	-4.566	3
57	MP3A	Mx	-.001	3
58	MP3A	X	2.636	5
59	MP3A	Z	-4.566	5
60	MP3A	Mx	-.001	5
61	MP3B	X	1.313	3
62	MP3B	Z	-2.274	3
63	MP3B	Mx	.002	3
64	MP3B	X	1.313	5
65	MP3B	Z	-2.274	5
66	MP3B	Mx	.002	5
67	MP3C	X	2.406	3
68	MP3C	Z	-4.168	3
69	MP3C	Mx	-.002	3
70	MP3C	X	2.406	5
71	MP3C	Z	-4.168	5
72	MP3C	Mx	-.002	5
73	MP1A	X	.974	4
74	MP1A	Z	-1.687	4
75	MP1A	Mx	-.000333	4
76	MP1B	X	.312	4
77	MP1B	Z	-.54	4
78	MP1B	Mx	.000293	4
79	MP1C	X	.859	4
80	MP1C	Z	-1.487	4
81	MP1C	Mx	-.000429	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
82	OVP1	X	4.031	1
83	OVP1	Z	-6.982	1
84	OVP1	Mx	0	1
85	MP2A	X	.431	4
86	MP2A	Z	-.746	4
87	MP2A	Mx	.000147	4
88	MP2B	X	.325	4
89	MP2B	Z	-.563	4
90	MP2B	Mx	-.000305	4
91	MP2C	X	.412	4
92	MP2C	Z	-.714	4
93	MP2C	Mx	.000206	4
94	MP2A	X	2.171	1.5
95	MP2A	Z	-3.76	1.5
96	MP2A	Mx	.00099	1.5
97	MP2B	X	1.597	1.5
98	MP2B	Z	-2.766	1.5
99	MP2B	Mx	-.002	1.5
100	MP2C	X	2.071	1.5
101	MP2C	Z	-3.587	1.5
102	MP2C	Mx	.001	1.5
103	MP1A	X	2.137	1.5
104	MP1A	Z	-3.702	1.5
105	MP1A	Mx	.000974	1.5
106	MP1B	X	1.344	1.5
107	MP1B	Z	-2.328	1.5
108	MP1B	Mx	-.002	1.5
109	MP1C	X	1.999	1.5
110	MP1C	Z	-3.463	1.5
111	MP1C	Mx	.001	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	7.609	2
2	MP2A	Z	-4.393	2
3	MP2A	Mx	-.009	2
4	MP2A	X	7.609	6
5	MP2A	Z	-4.393	6
6	MP2A	Mx	-.009	6
7	MP2B	X	8.177	2
8	MP2B	Z	-4.721	2
9	MP2B	Mx	-.001	2
10	MP2B	X	8.177	6
11	MP2B	Z	-4.721	6
12	MP2B	Mx	-.001	6
13	MP2C	X	9.528	2
14	MP2C	Z	-5.501	2
15	MP2C	Mx	.008	2
16	MP2C	X	9.528	6
17	MP2C	Z	-5.501	6
18	MP2C	Mx	.008	6
19	MP2A	X	7.609	2
20	MP2A	Z	-4.393	2
21	MP2A	Mx	-.000251	2
22	MP2A	X	7.609	6
23	MP2A	Z	-4.393	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
24	MP2A	Mx	-0.00251	6
25	MP2B	X	8.177	2
26	MP2B	Z	-4.721	2
27	MP2B	Mx	.009	2
28	MP2B	X	8.177	6
29	MP2B	Z	-4.721	6
30	MP2B	Mx	.009	6
31	MP2C	X	9.528	2
32	MP2C	Z	-5.501	2
33	MP2C	Mx	-.008	2
34	MP2C	X	9.528	6
35	MP2C	Z	-5.501	6
36	MP2C	Mx	-.008	6
37	MP4A	X	9.669	1
38	MP4A	Z	-5.583	1
39	MP4A	Mx	-.006	1
40	MP4A	X	9.669	7
41	MP4A	Z	-5.583	7
42	MP4A	Mx	-.006	7
43	MP4B	X	10.355	1
44	MP4B	Z	-5.978	1
45	MP4B	Mx	.005	1
46	MP4B	X	10.355	7
47	MP4B	Z	-5.978	7
48	MP4B	Mx	.005	7
49	MP4C	X	11.985	1
50	MP4C	Z	-6.92	1
51	MP4C	Mx	0	1
52	MP4C	X	11.985	7
53	MP4C	Z	-6.92	7
54	MP4C	Mx	0	7
55	MP3A	X	3.16	3
56	MP3A	Z	-1.825	3
57	MP3A	Mx	-.002	3
58	MP3A	X	3.16	5
59	MP3A	Z	-1.825	5
60	MP3A	Mx	-.002	5
61	MP3B	X	3.68	3
62	MP3B	Z	-2.124	3
63	MP3B	Mx	.002	3
64	MP3B	X	3.68	5
65	MP3B	Z	-2.124	5
66	MP3B	Mx	.002	5
67	MP3C	X	4.915	3
68	MP3C	Z	-2.838	3
69	MP3C	Mx	0	3
70	MP3C	X	4.915	5
71	MP3C	Z	-2.838	5
72	MP3C	Mx	0	5
73	MP1A	X	.983	4
74	MP1A	Z	-.568	4
75	MP1A	Mx	-.000435	4
76	MP1B	X	1.243	4
77	MP1B	Z	-.718	4
78	MP1B	Mx	.000461	4
79	MP1C	X	1.862	4
80	MP1C	Z	-1.075	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
81	MP1C	Mx	0	4
82	OVP1	X	6.479	1
83	OVP1	Z	-3.741	1
84	OVP1	Mx	0	1
85	MP2A	X	.634	4
86	MP2A	Z	-.366	4
87	MP2A	Mx	.00028	4
88	MP2B	X	.675	4
89	MP2B	Z	-.39	4
90	MP2B	Mx	-.000251	4
91	MP2C	X	.774	4
92	MP2C	Z	-.447	4
93	MP2C	Mx	0	4
94	MP2A	X	3.15	1.5
95	MP2A	Z	-1.819	1.5
96	MP2A	Mx	.002	1.5
97	MP2B	X	3.376	1.5
98	MP2B	Z	-1.949	1.5
99	MP2B	Mx	-.002	1.5
100	MP2C	X	3.911	1.5
101	MP2C	Z	-2.258	1.5
102	MP2C	Mx	0	1.5
103	MP1A	X	2.859	1.5
104	MP1A	Z	-1.651	1.5
105	MP1A	Mx	.002	1.5
106	MP1B	X	3.17	1.5
107	MP1B	Z	-1.83	1.5
108	MP1B	Mx	-.002	1.5
109	MP1C	X	3.911	1.5
110	MP1C	Z	-2.258	1.5
111	MP1C	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	7.34	2
2	MP2A	Z	0	2
3	MP2A	Mx	-.006	2
4	MP2A	X	7.34	6
5	MP2A	Z	0	6
6	MP2A	Mx	-.006	6
7	MP2B	X	10.888	2
8	MP2B	Z	0	2
9	MP2B	Mx	-.007	2
10	MP2B	X	10.888	6
11	MP2B	Z	0	6
12	MP2B	Mx	-.007	6
13	MP2C	X	10.058	2
14	MP2C	Z	0	2
15	MP2C	Mx	.01	2
16	MP2C	X	10.058	6
17	MP2C	Z	0	6
18	MP2C	Mx	.01	6
19	MP2A	X	7.34	2
20	MP2A	Z	0	2
21	MP2A	Mx	-.004	2
22	MP2A	X	7.34	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
23	MP2A	Z	0	6
24	MP2A	Mx	-.004	6
25	MP2B	X	10.888	2
26	MP2B	Z	0	2
27	MP2B	Mx	.009	2
28	MP2B	X	10.888	6
29	MP2B	Z	0	6
30	MP2B	Mx	.009	6
31	MP2C	X	10.058	2
32	MP2C	Z	0	2
33	MP2C	Mx	-.003	2
34	MP2C	X	10.058	6
35	MP2C	Z	0	6
36	MP2C	Mx	-.003	6
37	MP4A	X	9.419	1
38	MP4A	Z	0	1
39	MP4A	Mx	-.006	1
40	MP4A	X	9.419	7
41	MP4A	Z	0	7
42	MP4A	Mx	-.006	7
43	MP4B	X	13.702	1
44	MP4B	Z	0	1
45	MP4B	Mx	.002	1
46	MP4B	X	13.702	7
47	MP4B	Z	0	7
48	MP4B	Mx	.002	7
49	MP4C	X	12.7	1
50	MP4C	Z	0	1
51	MP4C	Mx	.004	1
52	MP4C	X	12.7	7
53	MP4C	Z	0	7
54	MP4C	Mx	.004	7
55	MP3A	X	2.326	3
56	MP3A	Z	0	3
57	MP3A	Mx	-.002	3
58	MP3A	X	2.326	5
59	MP3A	Z	0	5
60	MP3A	Mx	-.002	5
61	MP3B	X	5.572	3
62	MP3B	Z	0	3
63	MP3B	Mx	.000645	3
64	MP3B	X	5.572	5
65	MP3B	Z	0	5
66	MP3B	Mx	.000645	5
67	MP3C	X	4.812	3
68	MP3C	Z	0	3
69	MP3C	Mx	.002	3
70	MP3C	X	4.812	5
71	MP3C	Z	0	5
72	MP3C	Mx	.002	5
73	MP1A	X	.474	4
74	MP1A	Z	0	4
75	MP1A	Mx	-.000233	4
76	MP1B	X	2.097	4
77	MP1B	Z	0	4
78	MP1B	Mx	.000182	4
79	MP1C	X	1.718	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
80	MP1C	Z	0	4
81	MP1C	Mx	.00043	4
82	OVP1	X	8.062	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1
85	MP2A	X	.627	4
86	MP2A	Z	0	4
87	MP2A	Mx	.000309	4
88	MP2B	X	.885	4
89	MP2B	Z	0	4
90	MP2B	Mx	-7.7e-5	4
91	MP2C	X	.825	4
92	MP2C	Z	0	4
93	MP2C	Mx	-.000206	4
94	MP2A	X	3.064	1.5
95	MP2A	Z	0	1.5
96	MP2A	Mx	.002	1.5
97	MP2B	X	4.471	1.5
98	MP2B	Z	0	1.5
99	MP2B	Mx	-.000518	1.5
100	MP2C	X	4.142	1.5
101	MP2C	Z	0	1.5
102	MP2C	Mx	-.001	1.5
103	MP1A	X	2.508	1.5
104	MP1A	Z	0	1.5
105	MP1A	Mx	.002	1.5
106	MP1B	X	4.454	1.5
107	MP1B	Z	0	1.5
108	MP1B	Mx	-.000516	1.5
109	MP1C	X	3.999	1.5
110	MP1C	Z	0	1.5
111	MP1C	Mx	-.001	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	6.64	2
2	MP2A	Z	3.834	2
3	MP2A	Mx	-.003	2
4	MP2A	X	6.64	6
5	MP2A	Z	3.834	6
6	MP2A	Mx	-.003	6
7	MP2B	X	9.145	2
8	MP2B	Z	5.28	2
9	MP2B	Mx	-.01	2
10	MP2B	X	9.145	6
11	MP2B	Z	5.28	6
12	MP2B	Mx	-.01	6
13	MP2C	X	7.075	2
14	MP2C	Z	4.085	2
15	MP2C	Mx	.008	2
16	MP2C	X	7.075	6
17	MP2C	Z	4.085	6
18	MP2C	Mx	.008	6
19	MP2A	X	6.64	2
20	MP2A	Z	3.834	2
21	MP2A	Mx	-.007	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
22	MP2A	X	6.64	6
23	MP2A	Z	3.834	6
24	MP2A	Mx	-.007	6
25	MP2B	X	9.145	2
26	MP2B	Z	5.28	2
27	MP2B	Mx	.005	2
28	MP2B	X	9.145	6
29	MP2B	Z	5.28	6
30	MP2B	Mx	.005	6
31	MP2C	X	7.075	2
32	MP2C	Z	4.085	2
33	MP2C	Mx	.002	2
34	MP2C	X	7.075	6
35	MP2C	Z	4.085	6
36	MP2C	Mx	.002	6
37	MP4A	X	8.5	1
38	MP4A	Z	4.908	1
39	MP4A	Mx	-.006	1
40	MP4A	X	8.5	7
41	MP4A	Z	4.908	7
42	MP4A	Mx	-.006	7
43	MP4B	X	11.524	1
44	MP4B	Z	6.653	1
45	MP4B	Mx	-.003	1
46	MP4B	X	11.524	7
47	MP4B	Z	6.653	7
48	MP4B	Mx	-.003	7
49	MP4C	X	9.025	1
50	MP4C	Z	5.211	1
51	MP4C	Mx	.006	1
52	MP4C	X	9.025	7
53	MP4C	Z	5.211	7
54	MP4C	Mx	.006	7
55	MP3A	X	2.274	3
56	MP3A	Z	1.313	3
57	MP3A	Mx	-.002	3
58	MP3A	X	2.274	5
59	MP3A	Z	1.313	5
60	MP3A	Mx	-.002	5
61	MP3B	X	4.566	3
62	MP3B	Z	2.636	3
63	MP3B	Mx	-.001	3
64	MP3B	X	4.566	5
65	MP3B	Z	2.636	5
66	MP3B	Mx	-.001	5
67	MP3C	X	2.672	3
68	MP3C	Z	1.543	3
69	MP3C	Mx	.002	3
70	MP3C	X	2.672	5
71	MP3C	Z	1.543	5
72	MP3C	Mx	.002	5
73	MP1A	X	.54	4
74	MP1A	Z	.312	4
75	MP1A	Mx	-.000293	4
76	MP1B	X	1.687	4
77	MP1B	Z	.974	4
78	MP1B	Mx	-.000333	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
79	MP1C	X	.739	4
80	MP1C	Z	.427	4
81	MP1C	Mx	.00037	4
82	OVP1	X	7.989	1
83	OVP1	Z	4.612	1
84	OVP1	Mx	0	1
85	MP2A	X	.563	4
86	MP2A	Z	.325	4
87	MP2A	Mx	.000305	4
88	MP2B	X	.746	4
89	MP2B	Z	.431	4
90	MP2B	Mx	.000147	4
91	MP2C	X	.595	4
92	MP2C	Z	.344	4
93	MP2C	Mx	-.000298	4
94	MP2A	X	2.766	1.5
95	MP2A	Z	1.597	1.5
96	MP2A	Mx	.002	1.5
97	MP2B	X	3.76	1.5
98	MP2B	Z	2.171	1.5
99	MP2B	Mx	.00099	1.5
100	MP2C	X	2.939	1.5
101	MP2C	Z	1.697	1.5
102	MP2C	Mx	-.002	1.5
103	MP1A	X	2.328	1.5
104	MP1A	Z	1.344	1.5
105	MP1A	Mx	.002	1.5
106	MP1B	X	3.702	1.5
107	MP1B	Z	2.137	1.5
108	MP1B	Mx	.000974	1.5
109	MP1C	X	2.566	1.5
110	MP1C	Z	1.482	1.5
111	MP1C	Mx	-.002	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	4.721	2
2	MP2A	Z	8.177	2
3	MP2A	Mx	.001	2
4	MP2A	X	4.721	6
5	MP2A	Z	8.177	6
6	MP2A	Mx	.001	6
7	MP2B	X	4.393	2
8	MP2B	Z	7.609	2
9	MP2B	Mx	-.009	2
10	MP2B	X	4.393	6
11	MP2B	Z	7.609	6
12	MP2B	Mx	-.009	6
13	MP2C	X	3.613	2
14	MP2C	Z	6.258	2
15	MP2C	Mx	.005	2
16	MP2C	X	3.613	6
17	MP2C	Z	6.258	6
18	MP2C	Mx	.005	6
19	MP2A	X	4.721	2
20	MP2A	Z	8.177	2



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
21	MP2A	Mx	-0.009	2
22	MP2A	X	4.721	6
23	MP2A	Z	8.177	6
24	MP2A	Mx	-0.009	6
25	MP2B	X	4.393	2
26	MP2B	Z	7.609	2
27	MP2B	Mx	-0.000251	2
28	MP2B	X	4.393	6
29	MP2B	Z	7.609	6
30	MP2B	Mx	-0.000251	6
31	MP2C	X	3.613	2
32	MP2C	Z	6.258	2
33	MP2C	Mx	.005	2
34	MP2C	X	3.613	6
35	MP2C	Z	6.258	6
36	MP2C	Mx	.005	6
37	MP4A	X	5.978	1
38	MP4A	Z	10.355	1
39	MP4A	Mx	-0.005	1
40	MP4A	X	5.978	7
41	MP4A	Z	10.355	7
42	MP4A	Mx	-0.005	7
43	MP4B	X	5.583	1
44	MP4B	Z	9.669	1
45	MP4B	Mx	-0.006	1
46	MP4B	X	5.583	7
47	MP4B	Z	9.669	7
48	MP4B	Mx	-0.006	7
49	MP4C	X	4.641	1
50	MP4C	Z	8.038	1
51	MP4C	Mx	.006	1
52	MP4C	X	4.641	7
53	MP4C	Z	8.038	7
54	MP4C	Mx	.006	7
55	MP3A	X	2.124	3
56	MP3A	Z	3.68	3
57	MP3A	Mx	-0.002	3
58	MP3A	X	2.124	5
59	MP3A	Z	3.68	5
60	MP3A	Mx	-0.002	5
61	MP3B	X	1.825	3
62	MP3B	Z	3.16	3
63	MP3B	Mx	-0.002	3
64	MP3B	X	1.825	5
65	MP3B	Z	3.16	5
66	MP3B	Mx	-0.002	5
67	MP3C	X	1.111	3
68	MP3C	Z	1.924	3
69	MP3C	Mx	.001	3
70	MP3C	X	1.111	5
71	MP3C	Z	1.924	5
72	MP3C	Mx	.001	5
73	MP1A	X	.718	4
74	MP1A	Z	1.243	4
75	MP1A	Mx	-0.000461	4
76	MP1B	X	.568	4
77	MP1B	Z	.983	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
78	MP1B	Mx	-.000435	4
79	MP1C	X	.211	4
80	MP1C	Z	.365	4
81	MP1C	Mx	.000211	4
82	OVP1	X	4.903	1
83	OVP1	Z	8.492	1
84	OVP1	Mx	0	1
85	MP2A	X	.39	4
86	MP2A	Z	.675	4
87	MP2A	Mx	.000251	4
88	MP2B	X	.366	4
89	MP2B	Z	.634	4
90	MP2B	Mx	.00028	4
91	MP2C	X	.309	4
92	MP2C	Z	.535	4
93	MP2C	Mx	-.000309	4
94	MP2A	X	1.949	1.5
95	MP2A	Z	3.376	1.5
96	MP2A	Mx	.002	1.5
97	MP2B	X	1.819	1.5
98	MP2B	Z	3.15	1.5
99	MP2B	Mx	.002	1.5
100	MP2C	X	1.51	1.5
101	MP2C	Z	2.615	1.5
102	MP2C	Mx	-.002	1.5
103	MP1A	X	1.83	1.5
104	MP1A	Z	3.17	1.5
105	MP1A	Mx	.002	1.5
106	MP1B	X	1.651	1.5
107	MP1B	Z	2.859	1.5
108	MP1B	Mx	.002	1.5
109	MP1C	X	1.223	1.5
110	MP1C	Z	2.118	1.5
111	MP1C	Mx	-.002	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	2
2	MP2A	Z	10.888	2
3	MP2A	Mx	.007	2
4	MP2A	X	0	6
5	MP2A	Z	10.888	6
6	MP2A	Mx	.007	6
7	MP2B	X	0	2
8	MP2B	Z	7.34	2
9	MP2B	Mx	-.006	2
10	MP2B	X	0	6
11	MP2B	Z	7.34	6
12	MP2B	Mx	-.006	6
13	MP2C	X	0	2
14	MP2C	Z	8.17	2
15	MP2C	Mx	.002	2
16	MP2C	X	0	6
17	MP2C	Z	8.17	6
18	MP2C	Mx	.002	6
19	MP2A	X	0	2



Company : Maser Consulting  
 Designer : SEA  
 Job Number :  
 Model Name : Mount Analysis

Sept 30, 2021  
 5:20 PM  
 Checked By: DX

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
20	MP2A	Z	10.888	2
21	MP2A	Mx	-.009	2
22	MP2A	X	0	6
23	MP2A	Z	10.888	6
24	MP2A	Mx	-.009	6
25	MP2B	X	0	2
26	MP2B	Z	7.34	2
27	MP2B	Mx	-.004	2
28	MP2B	X	0	6
29	MP2B	Z	7.34	6
30	MP2B	Mx	-.004	6
31	MP2C	X	0	2
32	MP2C	Z	8.17	2
33	MP2C	Mx	.008	2
34	MP2C	X	0	6
35	MP2C	Z	8.17	6
36	MP2C	Mx	.008	6
37	MP4A	X	0	1
38	MP4A	Z	13.702	1
39	MP4A	Mx	-.002	1
40	MP4A	X	0	7
41	MP4A	Z	13.702	7
42	MP4A	Mx	-.002	7
43	MP4B	X	0	1
44	MP4B	Z	9.419	1
45	MP4B	Mx	-.006	1
46	MP4B	X	0	7
47	MP4B	Z	9.419	7
48	MP4B	Mx	-.006	7
49	MP4C	X	0	1
50	MP4C	Z	10.421	1
51	MP4C	Mx	.006	1
52	MP4C	X	0	7
53	MP4C	Z	10.421	7
54	MP4C	Mx	.006	7
55	MP3A	X	0	3
56	MP3A	Z	5.572	3
57	MP3A	Mx	-.000645	3
58	MP3A	X	0	5
59	MP3A	Z	5.572	5
60	MP3A	Mx	-.000645	5
61	MP3B	X	0	3
62	MP3B	Z	2.326	3
63	MP3B	Mx	-.002	3
64	MP3B	X	0	5
65	MP3B	Z	2.326	5
66	MP3B	Mx	-.002	5
67	MP3C	X	0	3
68	MP3C	Z	3.086	3
69	MP3C	Mx	.002	3
70	MP3C	X	0	5
71	MP3C	Z	3.086	5
72	MP3C	Mx	.002	5
73	MP1A	X	0	4
74	MP1A	Z	2.097	4
75	MP1A	Mx	-.000182	4
76	MP1B	X	0	4





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
77	MP1B	Z	.474	4
78	MP1B	Mx	-.000233	4
79	MP1C	X	0	4
80	MP1C	Z	.854	4
81	MP1C	Mx	.00037	4
82	OVP1	X	0	1
83	OVP1	Z	9.225	1
84	OVP1	Mx	0	1
85	MP2A	X	0	4
86	MP2A	Z	.885	4
87	MP2A	Mx	7.7e-5	4
88	MP2B	X	0	4
89	MP2B	Z	.627	4
90	MP2B	Mx	.000309	4
91	MP2C	X	0	4
92	MP2C	Z	.687	4
93	MP2C	Mx	-.000297	4
94	MP2A	X	0	1.5
95	MP2A	Z	4.471	1.5
96	MP2A	Mx	.000518	1.5
97	MP2B	X	0	1.5
98	MP2B	Z	3.064	1.5
99	MP2B	Mx	.002	1.5
100	MP2C	X	0	1.5
101	MP2C	Z	3.393	1.5
102	MP2C	Mx	-.002	1.5
103	MP1A	X	0	1.5
104	MP1A	Z	4.454	1.5
105	MP1A	Mx	.000516	1.5
106	MP1B	X	0	1.5
107	MP1B	Z	2.508	1.5
108	MP1B	Mx	.002	1.5
109	MP1C	X	0	1.5
110	MP1C	Z	2.963	1.5
111	MP1C	Mx	-.002	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-5.28	2
2	MP2A	Z	9.145	2
3	MP2A	Mx	.01	2
4	MP2A	X	-5.28	6
5	MP2A	Z	9.145	6
6	MP2A	Mx	.01	6
7	MP2B	X	-3.834	2
8	MP2B	Z	6.64	2
9	MP2B	Mx	-.003	2
10	MP2B	X	-3.834	6
11	MP2B	Z	6.64	6
12	MP2B	Mx	-.003	6
13	MP2C	X	-5.029	2
14	MP2C	Z	8.71	2
15	MP2C	Mx	-.003	2
16	MP2C	X	-5.029	6
17	MP2C	Z	8.71	6
18	MP2C	Mx	-.003	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
19	MP2A	X	-5.28	2
20	MP2A	Z	9.145	2
21	MP2A	Mx	-.005	2
22	MP2A	X	-5.28	6
23	MP2A	Z	9.145	6
24	MP2A	Mx	-.005	6
25	MP2B	X	-3.834	2
26	MP2B	Z	6.64	2
27	MP2B	Mx	-.007	2
28	MP2B	X	-3.834	6
29	MP2B	Z	6.64	6
30	MP2B	Mx	-.007	6
31	MP2C	X	-5.029	2
32	MP2C	Z	8.71	2
33	MP2C	Mx	.01	2
34	MP2C	X	-5.029	6
35	MP2C	Z	8.71	6
36	MP2C	Mx	.01	6
37	MP4A	X	-6.653	1
38	MP4A	Z	11.524	1
39	MP4A	Mx	.003	1
40	MP4A	X	-6.653	7
41	MP4A	Z	11.524	7
42	MP4A	Mx	.003	7
43	MP4B	X	-4.908	1
44	MP4B	Z	8.5	1
45	MP4B	Mx	-.006	1
46	MP4B	X	-4.908	7
47	MP4B	Z	8.5	7
48	MP4B	Mx	-.006	7
49	MP4C	X	-6.35	1
50	MP4C	Z	10.999	1
51	MP4C	Mx	.004	1
52	MP4C	X	-6.35	7
53	MP4C	Z	10.999	7
54	MP4C	Mx	.004	7
55	MP3A	X	-2.636	3
56	MP3A	Z	4.566	3
57	MP3A	Mx	.001	3
58	MP3A	X	-2.636	5
59	MP3A	Z	4.566	5
60	MP3A	Mx	.001	5
61	MP3B	X	-1.313	3
62	MP3B	Z	2.274	3
63	MP3B	Mx	-.002	3
64	MP3B	X	-1.313	5
65	MP3B	Z	2.274	5
66	MP3B	Mx	-.002	5
67	MP3C	X	-2.406	3
68	MP3C	Z	4.168	3
69	MP3C	Mx	.002	3
70	MP3C	X	-2.406	5
71	MP3C	Z	4.168	5
72	MP3C	Mx	.002	5
73	MP1A	X	-.974	4
74	MP1A	Z	1.687	4
75	MP1A	Mx	.000333	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
76	MP1B	X	-312	4
77	MP1B	Z	.54	4
78	MP1B	Mx	-.000293	4
79	MP1C	X	-.859	4
80	MP1C	Z	1.487	4
81	MP1C	Mx	.000429	4
82	OVP1	X	-4.031	1
83	OVP1	Z	6.982	1
84	OVP1	Mx	0	1
85	MP2A	X	-.431	4
86	MP2A	Z	.746	4
87	MP2A	Mx	-.000147	4
88	MP2B	X	-.325	4
89	MP2B	Z	.563	4
90	MP2B	Mx	.000305	4
91	MP2C	X	-.412	4
92	MP2C	Z	.714	4
93	MP2C	Mx	-.000206	4
94	MP2A	X	-2.171	1.5
95	MP2A	Z	3.76	1.5
96	MP2A	Mx	-.00099	1.5
97	MP2B	X	-1.597	1.5
98	MP2B	Z	2.766	1.5
99	MP2B	Mx	.002	1.5
100	MP2C	X	-2.071	1.5
101	MP2C	Z	3.587	1.5
102	MP2C	Mx	-.001	1.5
103	MP1A	X	-2.137	1.5
104	MP1A	Z	3.702	1.5
105	MP1A	Mx	-.000974	1.5
106	MP1B	X	-1.344	1.5
107	MP1B	Z	2.328	1.5
108	MP1B	Mx	.002	1.5
109	MP1C	X	-1.999	1.5
110	MP1C	Z	3.463	1.5
111	MP1C	Mx	-.001	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-7.609	2
2	MP2A	Z	4.393	2
3	MP2A	Mx	.009	2
4	MP2A	X	-7.609	6
5	MP2A	Z	4.393	6
6	MP2A	Mx	.009	6
7	MP2B	X	-8.177	2
8	MP2B	Z	4.721	2
9	MP2B	Mx	.001	2
10	MP2B	X	-8.177	6
11	MP2B	Z	4.721	6
12	MP2B	Mx	.001	6
13	MP2C	X	-9.528	2
14	MP2C	Z	5.501	2
15	MP2C	Mx	-.008	2
16	MP2C	X	-9.528	6
17	MP2C	Z	5.501	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
18	MP2C	Mx	-.008	6
19	MP2A	X	-7.609	2
20	MP2A	Z	4.393	2
21	MP2A	Mx	.000251	2
22	MP2A	X	-7.609	6
23	MP2A	Z	4.393	6
24	MP2A	Mx	.000251	6
25	MP2B	X	-8.177	2
26	MP2B	Z	4.721	2
27	MP2B	Mx	-.009	2
28	MP2B	X	-8.177	6
29	MP2B	Z	4.721	6
30	MP2B	Mx	-.009	6
31	MP2C	X	-9.528	2
32	MP2C	Z	5.501	2
33	MP2C	Mx	.008	2
34	MP2C	X	-9.528	6
35	MP2C	Z	5.501	6
36	MP2C	Mx	.008	6
37	MP4A	X	-9.669	1
38	MP4A	Z	5.583	1
39	MP4A	Mx	.006	1
40	MP4A	X	-9.669	7
41	MP4A	Z	5.583	7
42	MP4A	Mx	.006	7
43	MP4B	X	-10.355	1
44	MP4B	Z	5.978	1
45	MP4B	Mx	-.005	1
46	MP4B	X	-10.355	7
47	MP4B	Z	5.978	7
48	MP4B	Mx	-.005	7
49	MP4C	X	-11.985	1
50	MP4C	Z	6.92	1
51	MP4C	Mx	0	1
52	MP4C	X	-11.985	7
53	MP4C	Z	6.92	7
54	MP4C	Mx	0	7
55	MP3A	X	-3.16	3
56	MP3A	Z	1.825	3
57	MP3A	Mx	.002	3
58	MP3A	X	-3.16	5
59	MP3A	Z	1.825	5
60	MP3A	Mx	.002	5
61	MP3B	X	-3.68	3
62	MP3B	Z	2.124	3
63	MP3B	Mx	-.002	3
64	MP3B	X	-3.68	5
65	MP3B	Z	2.124	5
66	MP3B	Mx	-.002	5
67	MP3C	X	-4.915	3
68	MP3C	Z	2.838	3
69	MP3C	Mx	0	3
70	MP3C	X	-4.915	5
71	MP3C	Z	2.838	5
72	MP3C	Mx	0	5
73	MP1A	X	-.983	4
74	MP1A	Z	.568	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
75	MP1A	Mx	.000435	4
76	MP1B	X	-1.243	4
77	MP1B	Z	.718	4
78	MP1B	Mx	-.000461	4
79	MP1C	X	-1.862	4
80	MP1C	Z	1.075	4
81	MP1C	Mx	0	4
82	OVP1	X	-6.479	1
83	OVP1	Z	3.741	1
84	OVP1	Mx	0	1
85	MP2A	X	-.634	4
86	MP2A	Z	.366	4
87	MP2A	Mx	-.00028	4
88	MP2B	X	-.675	4
89	MP2B	Z	.39	4
90	MP2B	Mx	.000251	4
91	MP2C	X	-.774	4
92	MP2C	Z	.447	4
93	MP2C	Mx	0	4
94	MP2A	X	-3.15	1.5
95	MP2A	Z	1.819	1.5
96	MP2A	Mx	-.002	1.5
97	MP2B	X	-3.376	1.5
98	MP2B	Z	1.949	1.5
99	MP2B	Mx	.002	1.5
100	MP2C	X	-3.911	1.5
101	MP2C	Z	2.258	1.5
102	MP2C	Mx	0	1.5
103	MP1A	X	-2.859	1.5
104	MP1A	Z	1.651	1.5
105	MP1A	Mx	-.002	1.5
106	MP1B	X	-3.17	1.5
107	MP1B	Z	1.83	1.5
108	MP1B	Mx	.002	1.5
109	MP1C	X	-3.911	1.5
110	MP1C	Z	2.258	1.5
111	MP1C	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-7.34	2
2	MP2A	Z	0	2
3	MP2A	Mx	.006	2
4	MP2A	X	-7.34	6
5	MP2A	Z	0	6
6	MP2A	Mx	.006	6
7	MP2B	X	-10.888	2
8	MP2B	Z	0	2
9	MP2B	Mx	.007	2
10	MP2B	X	-10.888	6
11	MP2B	Z	0	6
12	MP2B	Mx	.007	6
13	MP2C	X	-10.058	2
14	MP2C	Z	0	2
15	MP2C	Mx	-.01	2
16	MP2C	X	-10.058	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
17	MP2C	Z	0	6
18	MP2C	Mx	-.01	6
19	MP2A	X	-7.34	2
20	MP2A	Z	0	2
21	MP2A	Mx	.004	2
22	MP2A	X	-7.34	6
23	MP2A	Z	0	6
24	MP2A	Mx	.004	6
25	MP2B	X	-10.888	2
26	MP2B	Z	0	2
27	MP2B	Mx	-.009	2
28	MP2B	X	-10.888	6
29	MP2B	Z	0	6
30	MP2B	Mx	-.009	6
31	MP2C	X	-10.058	2
32	MP2C	Z	0	2
33	MP2C	Mx	.003	2
34	MP2C	X	-10.058	6
35	MP2C	Z	0	6
36	MP2C	Mx	.003	6
37	MP4A	X	-9.419	1
38	MP4A	Z	0	1
39	MP4A	Mx	.006	1
40	MP4A	X	-9.419	7
41	MP4A	Z	0	7
42	MP4A	Mx	.006	7
43	MP4B	X	-13.702	1
44	MP4B	Z	0	1
45	MP4B	Mx	-.002	1
46	MP4B	X	-13.702	7
47	MP4B	Z	0	7
48	MP4B	Mx	-.002	7
49	MP4C	X	-12.7	1
50	MP4C	Z	0	1
51	MP4C	Mx	-.004	1
52	MP4C	X	-12.7	7
53	MP4C	Z	0	7
54	MP4C	Mx	-.004	7
55	MP3A	X	-2.326	3
56	MP3A	Z	0	3
57	MP3A	Mx	.002	3
58	MP3A	X	-2.326	5
59	MP3A	Z	0	5
60	MP3A	Mx	.002	5
61	MP3B	X	-5.572	3
62	MP3B	Z	0	3
63	MP3B	Mx	-.000645	3
64	MP3B	X	-5.572	5
65	MP3B	Z	0	5
66	MP3B	Mx	-.000645	5
67	MP3C	X	-4.812	3
68	MP3C	Z	0	3
69	MP3C	Mx	-.002	3
70	MP3C	X	-4.812	5
71	MP3C	Z	0	5
72	MP3C	Mx	-.002	5
73	MP1A	X	-.474	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
74	MP1A	Z	0	4
75	MP1A	Mx	.000233	4
76	MP1B	X	-2.097	4
77	MP1B	Z	0	4
78	MP1B	Mx	-.000182	4
79	MP1C	X	-1.718	4
80	MP1C	Z	0	4
81	MP1C	Mx	-.00043	4
82	OVP1	X	-8.062	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1
85	MP2A	X	-.627	4
86	MP2A	Z	0	4
87	MP2A	Mx	-.000309	4
88	MP2B	X	-.885	4
89	MP2B	Z	0	4
90	MP2B	Mx	7.7e-5	4
91	MP2C	X	-.825	4
92	MP2C	Z	0	4
93	MP2C	Mx	.000206	4
94	MP2A	X	-3.064	1.5
95	MP2A	Z	0	1.5
96	MP2A	Mx	-.002	1.5
97	MP2B	X	-4.471	1.5
98	MP2B	Z	0	1.5
99	MP2B	Mx	.000518	1.5
100	MP2C	X	-4.142	1.5
101	MP2C	Z	0	1.5
102	MP2C	Mx	.001	1.5
103	MP1A	X	-2.508	1.5
104	MP1A	Z	0	1.5
105	MP1A	Mx	-.002	1.5
106	MP1B	X	-4.454	1.5
107	MP1B	Z	0	1.5
108	MP1B	Mx	.000516	1.5
109	MP1C	X	-3.999	1.5
110	MP1C	Z	0	1.5
111	MP1C	Mx	.001	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-6.64	2
2	MP2A	Z	-3.834	2
3	MP2A	Mx	.003	2
4	MP2A	X	-6.64	6
5	MP2A	Z	-3.834	6
6	MP2A	Mx	.003	6
7	MP2B	X	-9.145	2
8	MP2B	Z	-5.28	2
9	MP2B	Mx	.01	2
10	MP2B	X	-9.145	6
11	MP2B	Z	-5.28	6
12	MP2B	Mx	.01	6
13	MP2C	X	-7.075	2
14	MP2C	Z	-4.085	2
15	MP2C	Mx	-.008	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
16	MP2C	X	-7.075	6
17	MP2C	Z	-4.085	6
18	MP2C	Mx	-.008	6
19	MP2A	X	-6.64	2
20	MP2A	Z	-3.834	2
21	MP2A	Mx	.007	2
22	MP2A	X	-6.64	6
23	MP2A	Z	-3.834	6
24	MP2A	Mx	.007	6
25	MP2B	X	-9.145	2
26	MP2B	Z	-5.28	2
27	MP2B	Mx	-.005	2
28	MP2B	X	-9.145	6
29	MP2B	Z	-5.28	6
30	MP2B	Mx	-.005	6
31	MP2C	X	-7.075	2
32	MP2C	Z	-4.085	2
33	MP2C	Mx	-.002	2
34	MP2C	X	-7.075	6
35	MP2C	Z	-4.085	6
36	MP2C	Mx	-.002	6
37	MP4A	X	-8.5	1
38	MP4A	Z	-4.908	1
39	MP4A	Mx	.006	1
40	MP4A	X	-8.5	7
41	MP4A	Z	-4.908	7
42	MP4A	Mx	.006	7
43	MP4B	X	-11.524	1
44	MP4B	Z	-6.653	1
45	MP4B	Mx	.003	1
46	MP4B	X	-11.524	7
47	MP4B	Z	-6.653	7
48	MP4B	Mx	.003	7
49	MP4C	X	-9.025	1
50	MP4C	Z	-5.211	1
51	MP4C	Mx	-.006	1
52	MP4C	X	-9.025	7
53	MP4C	Z	-5.211	7
54	MP4C	Mx	-.006	7
55	MP3A	X	-2.274	3
56	MP3A	Z	-1.313	3
57	MP3A	Mx	.002	3
58	MP3A	X	-2.274	5
59	MP3A	Z	-1.313	5
60	MP3A	Mx	.002	5
61	MP3B	X	-4.566	3
62	MP3B	Z	-2.636	3
63	MP3B	Mx	.001	3
64	MP3B	X	-4.566	5
65	MP3B	Z	-2.636	5
66	MP3B	Mx	.001	5
67	MP3C	X	-2.672	3
68	MP3C	Z	-1.543	3
69	MP3C	Mx	-.002	3
70	MP3C	X	-2.672	5
71	MP3C	Z	-1.543	5
72	MP3C	Mx	-.002	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
73	MP1A	X	- .54	4
74	MP1A	Z	- .312	4
75	MP1A	Mx	.000293	4
76	MP1B	X	-1.687	4
77	MP1B	Z	- .974	4
78	MP1B	Mx	.000333	4
79	MP1C	X	- .739	4
80	MP1C	Z	- .427	4
81	MP1C	Mx	- .00037	4
82	OVP1	X	-7.989	1
83	OVP1	Z	-4.612	1
84	OVP1	Mx	0	1
85	MP2A	X	- .563	4
86	MP2A	Z	- .325	4
87	MP2A	Mx	- .000305	4
88	MP2B	X	- .746	4
89	MP2B	Z	- .431	4
90	MP2B	Mx	- .000147	4
91	MP2C	X	- .595	4
92	MP2C	Z	- .344	4
93	MP2C	Mx	.000298	4
94	MP2A	X	-2.766	1.5
95	MP2A	Z	-1.597	1.5
96	MP2A	Mx	- .002	1.5
97	MP2B	X	-3.76	1.5
98	MP2B	Z	-2.171	1.5
99	MP2B	Mx	- .00099	1.5
100	MP2C	X	-2.939	1.5
101	MP2C	Z	-1.697	1.5
102	MP2C	Mx	.002	1.5
103	MP1A	X	-2.328	1.5
104	MP1A	Z	-1.344	1.5
105	MP1A	Mx	- .002	1.5
106	MP1B	X	-3.702	1.5
107	MP1B	Z	-2.137	1.5
108	MP1B	Mx	- .000974	1.5
109	MP1C	X	-2.566	1.5
110	MP1C	Z	-1.482	1.5
111	MP1C	Mx	.002	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-4.721	2
2	MP2A	Z	-8.177	2
3	MP2A	Mx	- .001	2
4	MP2A	X	-4.721	6
5	MP2A	Z	-8.177	6
6	MP2A	Mx	- .001	6
7	MP2B	X	-4.393	2
8	MP2B	Z	-7.609	2
9	MP2B	Mx	.009	2
10	MP2B	X	-4.393	6
11	MP2B	Z	-7.609	6
12	MP2B	Mx	.009	6
13	MP2C	X	-3.613	2
14	MP2C	Z	-6.258	2



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
15	MP2C	Mx	-0.005	2
16	MP2C	X	-3.613	6
17	MP2C	Z	-6.258	6
18	MP2C	Mx	-0.005	6
19	MP2A	X	-4.721	2
20	MP2A	Z	-8.177	2
21	MP2A	Mx	.009	2
22	MP2A	X	-4.721	6
23	MP2A	Z	-8.177	6
24	MP2A	Mx	.009	6
25	MP2B	X	-4.393	2
26	MP2B	Z	-7.609	2
27	MP2B	Mx	.000251	2
28	MP2B	X	-4.393	6
29	MP2B	Z	-7.609	6
30	MP2B	Mx	.000251	6
31	MP2C	X	-3.613	2
32	MP2C	Z	-6.258	2
33	MP2C	Mx	-0.005	2
34	MP2C	X	-3.613	6
35	MP2C	Z	-6.258	6
36	MP2C	Mx	-0.005	6
37	MP4A	X	-5.978	1
38	MP4A	Z	-10.355	1
39	MP4A	Mx	.005	1
40	MP4A	X	-5.978	7
41	MP4A	Z	-10.355	7
42	MP4A	Mx	.005	7
43	MP4B	X	-5.583	1
44	MP4B	Z	-9.669	1
45	MP4B	Mx	.006	1
46	MP4B	X	-5.583	7
47	MP4B	Z	-9.669	7
48	MP4B	Mx	.006	7
49	MP4C	X	-4.641	1
50	MP4C	Z	-8.038	1
51	MP4C	Mx	-0.006	1
52	MP4C	X	-4.641	7
53	MP4C	Z	-8.038	7
54	MP4C	Mx	-0.006	7
55	MP3A	X	-2.124	3
56	MP3A	Z	-3.68	3
57	MP3A	Mx	.002	3
58	MP3A	X	-2.124	5
59	MP3A	Z	-3.68	5
60	MP3A	Mx	.002	5
61	MP3B	X	-1.825	3
62	MP3B	Z	-3.16	3
63	MP3B	Mx	.002	3
64	MP3B	X	-1.825	5
65	MP3B	Z	-3.16	5
66	MP3B	Mx	.002	5
67	MP3C	X	-1.111	3
68	MP3C	Z	-1.924	3
69	MP3C	Mx	-0.001	3
70	MP3C	X	-1.111	5
71	MP3C	Z	-1.924	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP3C	Mx	-.001	5
73	MP1A	X	-.718	4
74	MP1A	Z	-1.243	4
75	MP1A	Mx	.000461	4
76	MP1B	X	-.568	4
77	MP1B	Z	-.983	4
78	MP1B	Mx	.000435	4
79	MP1C	X	-.211	4
80	MP1C	Z	-.365	4
81	MP1C	Mx	-.000211	4
82	OVP1	X	-4.903	1
83	OVP1	Z	-8.492	1
84	OVP1	Mx	0	1
85	MP2A	X	-.39	4
86	MP2A	Z	-.675	4
87	MP2A	Mx	-.000251	4
88	MP2B	X	-.366	4
89	MP2B	Z	-.634	4
90	MP2B	Mx	-.00028	4
91	MP2C	X	-.309	4
92	MP2C	Z	-.535	4
93	MP2C	Mx	.000309	4
94	MP2A	X	-1.949	1.5
95	MP2A	Z	-3.376	1.5
96	MP2A	Mx	-.002	1.5
97	MP2B	X	-1.819	1.5
98	MP2B	Z	-3.15	1.5
99	MP2B	Mx	-.002	1.5
100	MP2C	X	-1.51	1.5
101	MP2C	Z	-2.615	1.5
102	MP2C	Mx	.002	1.5
103	MP1A	X	-1.83	1.5
104	MP1A	Z	-3.17	1.5
105	MP1A	Mx	-.002	1.5
106	MP1B	X	-1.651	1.5
107	MP1B	Z	-2.859	1.5
108	MP1B	Mx	-.002	1.5
109	MP1C	X	-1.223	1.5
110	MP1C	Z	-2.118	1.5
111	MP1C	Mx	.002	1.5

**Member Point Loads (BLC 77 : Lm1)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	M1	Y	-500	%37

**Member Point Loads (BLC 78 : Lm2)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	M1	Y	-500	%89

**Member Point Loads (BLC 79 : Lv1)**

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

**Member Point Loads (BLC 80 : Lv2)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
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**Member Point Loads (BLC 80 : Lv2) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M1	Y	-250	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	Y	-6.401	-6.401	0	%100
2	M122	Y	-6.401	-6.401	0	%100
3	M123	Y	-6.401	-6.401	0	%100
4	M100	Y	-4.807	-4.807	0	%100
5	M105	Y	-4.807	-4.807	0	%100
6	M106	Y	-4.807	-4.807	0	%100
7	M4	Y	-9.315	-9.315	0	%100
8	M52A	Y	-9.315	-9.315	0	%100
9	M76A	Y	-9.315	-9.315	0	%100
10	M10	Y	-9.315	-9.315	0	%100
11	M43	Y	-9.315	-9.315	0	%100
12	M53	Y	-9.315	-9.315	0	%100
13	M54	Y	-9.315	-9.315	0	%100
14	M77A	Y	-9.315	-9.315	0	%100
15	M78	Y	-9.315	-9.315	0	%100
16	MP3A	Y	-4.807	-4.807	0	%100
17	MP4A	Y	-4.807	-4.807	0	%100
18	MP2A	Y	-4.807	-4.807	0	%100
19	MP1A	Y	-4.807	-4.807	0	%100
20	MP3C	Y	-4.807	-4.807	0	%100
21	MP4C	Y	-4.807	-4.807	0	%100
22	MP2C	Y	-4.807	-4.807	0	%100
23	MP1C	Y	-4.807	-4.807	0	%100
24	MP3B	Y	-4.807	-4.807	0	%100
25	MP4B	Y	-4.807	-4.807	0	%100
26	MP2B	Y	-4.807	-4.807	0	%100
27	MP1B	Y	-4.807	-4.807	0	%100
28	M51B	Y	-5.429	-5.429	0	%100
29	M52B	Y	-5.429	-5.429	0	%100
30	M58A	Y	-5.429	-5.429	0	%100
31	M59A	Y	-5.429	-5.429	0	%100
32	M82	Y	-5.429	-5.429	0	%100
33	M83A	Y	-5.429	-5.429	0	%100
34	M1	Y	-6.352	-6.352	0	%100
35	M82A	Y	-6.352	-6.352	0	%100
36	M91B	Y	-6.352	-6.352	0	%100
37	M76	Y	-9.802	-9.802	0	%100
38	M77	Y	-9.802	-9.802	0	%100
39	M84	Y	-9.802	-9.802	0	%100
40	M85	Y	-9.802	-9.802	0	%100
41	M63	Y	-9.802	-9.802	0	%100
42	M64	Y	-9.802	-9.802	0	%100
43	M68	Y	-9.802	-9.802	0	%100
44	M69	Y	-9.802	-9.802	0	%100
45	M87	Y	-9.802	-9.802	0	%100
46	M88A	Y	-9.802	-9.802	0	%100
47	M92A	Y	-9.802	-9.802	0	%100
48	M93	Y	-9.802	-9.802	0	%100
49	M46	Y	-9.814	-9.814	0	%100
50	M80	Y	-9.814	-9.814	0	%100
51	M91	Y	-9.814	-9.814	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
52	M55	Y	-9.814	-9.814	0	%100
53	M66	Y	-9.814	-9.814	0	%100
54	M71	Y	-9.814	-9.814	0	%100
55	M79A	Y	-9.814	-9.814	0	%100
56	M90	Y	-9.814	-9.814	0	%100
57	M95	Y	-9.814	-9.814	0	%100
58	OVP1	Y	-4.807	-4.807	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M121	X	0	0	0	%100
2	M121	Z	-2.54	-2.54	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	-10.16	-10.16	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	-2.54	-2.54	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	-9.178	-9.178	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	-2.295	-2.295	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	-2.295	-2.295	0	%100
13	M4	X	0	0	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	-10.303	-10.303	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	-10.303	-10.303	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-11.625	-11.625	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	-11.625	-11.625	0	%100
23	M53	X	0	0	0	%100
24	M53	Z	-2.906	-2.906	0	%100
25	M54	X	0	0	0	%100
26	M54	Z	-2.906	-2.906	0	%100
27	M77A	X	0	0	0	%100
28	M77A	Z	-2.906	-2.906	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	-2.906	-2.906	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	-9.178	-9.178	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	-9.178	-9.178	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	-9.178	-9.178	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	-9.178	-9.178	0	%100
39	MP3C	X	0	0	0	%100
40	MP3C	Z	-9.178	-9.178	0	%100
41	MP4C	X	0	0	0	%100
42	MP4C	Z	-9.178	-9.178	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	-9.178	-9.178	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	-9.178	-9.178	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
47	MP3B	X	0	0	0	%100
48	MP3B	Z	-9.178	-9.178	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	-9.178	-9.178	0	%100
51	MP2B	X	0	0	0	%100
52	MP2B	Z	-9.178	-9.178	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	-9.178	-9.178	0	%100
55	M51B	X	0	0	0	%100
56	M51B	Z	-3.219	-3.219	0	%100
57	M52B	X	0	0	0	%100
58	M52B	Z	-3.219	-3.219	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-3.219	-3.219	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-12.875	-12.875	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	-12.875	-12.875	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	-3.219	-3.219	0	%100
67	M1	X	0	0	0	%100
68	M1	Z	-13.525	-13.525	0	%100
69	M82A	X	0	0	0	%100
70	M82A	Z	-3.381	-3.381	0	%100
71	M91B	X	0	0	0	%100
72	M91B	Z	-3.381	-3.381	0	%100
73	M76	X	0	0	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	-5.904	-5.904	0	%100
77	M84	X	0	0	0	%100
78	M84	Z	0	0	0	%100
79	M85	X	0	0	0	%100
80	M85	Z	-5.904	-5.904	0	%100
81	M63	X	0	0	0	%100
82	M63	Z	-17.39	-17.39	0	%100
83	M64	X	0	0	0	%100
84	M64	Z	-5.904	-5.904	0	%100
85	M68	X	0	0	0	%100
86	M68	Z	-17.39	-17.39	0	%100
87	M69	X	0	0	0	%100
88	M69	Z	-23.616	-23.616	0	%100
89	M87	X	0	0	0	%100
90	M87	Z	-17.39	-17.39	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	-23.616	-23.616	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	-17.39	-17.39	0	%100
95	M93	X	0	0	0	%100
96	M93	Z	-5.904	-5.904	0	%100
97	M46	X	0	0	0	%100
98	M46	Z	-23.187	-23.187	0	%100
99	M80	X	0	0	0	%100
100	M80	Z	-6.219	-6.219	0	%100
101	M91	X	0	0	0	%100
102	M91	Z	-6.219	-6.219	0	%100
103	M55	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
104	M55	Z	-5.797	-5.797	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	-6.219	-6.219	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	-24.874	-24.874	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	-5.797	-5.797	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	-24.874	-24.874	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	-6.219	-6.219	0	%100
115	OVP1	X	0	0	0	%100
116	OVP1	Z	-7.505	-7.505	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	3.81	3.81	0	%100
2	M121	Z	-6.599	-6.599	0	%100
3	M122	X	3.81	3.81	0	%100
4	M122	Z	-6.599	-6.599	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	3.442	3.442	0	%100
8	M100	Z	-5.961	-5.961	0	%100
9	M105	X	3.442	3.442	0	%100
10	M105	Z	-5.961	-5.961	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	1.717	1.717	0	%100
14	M4	Z	-2.974	-2.974	0	%100
15	M52A	X	1.717	1.717	0	%100
16	M52A	Z	-2.974	-2.974	0	%100
17	M76A	X	6.869	6.869	0	%100
18	M76A	Z	-11.897	-11.897	0	%100
19	M10	X	4.359	4.359	0	%100
20	M10	Z	-7.55	-7.55	0	%100
21	M43	X	4.359	4.359	0	%100
22	M43	Z	-7.55	-7.55	0	%100
23	M53	X	4.359	4.359	0	%100
24	M53	Z	-7.55	-7.55	0	%100
25	M54	X	4.359	4.359	0	%100
26	M54	Z	-7.55	-7.55	0	%100
27	M77A	X	0	0	0	%100
28	M77A	Z	0	0	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	4.589	4.589	0	%100
32	MP3A	Z	-7.948	-7.948	0	%100
33	MP4A	X	4.589	4.589	0	%100
34	MP4A	Z	-7.948	-7.948	0	%100
35	MP2A	X	4.589	4.589	0	%100
36	MP2A	Z	-7.948	-7.948	0	%100
37	MP1A	X	4.589	4.589	0	%100
38	MP1A	Z	-7.948	-7.948	0	%100
39	MP3C	X	4.589	4.589	0	%100
40	MP3C	Z	-7.948	-7.948	0	%100





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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
41	MP4C	X	4.589	4.589	0 %100
42	MP4C	Z	-7.948	-7.948	0 %100
43	MP2C	X	4.589	4.589	0 %100
44	MP2C	Z	-7.948	-7.948	0 %100
45	MP1C	X	4.589	4.589	0 %100
46	MP1C	Z	-7.948	-7.948	0 %100
47	MP3B	X	4.589	4.589	0 %100
48	MP3B	Z	-7.948	-7.948	0 %100
49	MP4B	X	4.589	4.589	0 %100
50	MP4B	Z	-7.948	-7.948	0 %100
51	MP2B	X	4.589	4.589	0 %100
52	MP2B	Z	-7.948	-7.948	0 %100
53	MP1B	X	4.589	4.589	0 %100
54	MP1B	Z	-7.948	-7.948	0 %100
55	M51B	X	4.828	4.828	0 %100
56	M51B	Z	-8.363	-8.363	0 %100
57	M52B	X	0	0	0 %100
58	M52B	Z	0	0	0 %100
59	M58A	X	0	0	0 %100
60	M58A	Z	0	0	0 %100
61	M59A	X	4.828	4.828	0 %100
62	M59A	Z	-8.363	-8.363	0 %100
63	M82	X	4.828	4.828	0 %100
64	M82	Z	-8.363	-8.363	0 %100
65	M83A	X	4.828	4.828	0 %100
66	M83A	Z	-8.363	-8.363	0 %100
67	M1	X	5.072	5.072	0 %100
68	M1	Z	-8.785	-8.785	0 %100
69	M82A	X	5.072	5.072	0 %100
70	M82A	Z	-8.785	-8.785	0 %100
71	M91B	X	0	0	0 %100
72	M91B	Z	0	0	0 %100
73	M76	X	2.898	2.898	0 %100
74	M76	Z	-5.02	-5.02	0 %100
75	M77	X	8.856	8.856	0 %100
76	M77	Z	-15.339	-15.339	0 %100
77	M84	X	2.898	2.898	0 %100
78	M84	Z	-5.02	-5.02	0 %100
79	M85	X	0	0	0 %100
80	M85	Z	0	0	0 %100
81	M63	X	2.898	2.898	0 %100
82	M63	Z	-5.02	-5.02	0 %100
83	M64	X	0	0	0 %100
84	M64	Z	0	0	0 %100
85	M68	X	2.898	2.898	0 %100
86	M68	Z	-5.02	-5.02	0 %100
87	M69	X	8.856	8.856	0 %100
88	M69	Z	-15.339	-15.339	0 %100
89	M87	X	11.593	11.593	0 %100
90	M87	Z	-20.08	-20.08	0 %100
91	M88A	X	8.856	8.856	0 %100
92	M88A	Z	-15.339	-15.339	0 %100
93	M92A	X	11.593	11.593	0 %100
94	M92A	Z	-20.08	-20.08	0 %100
95	M93	X	8.856	8.856	0 %100
96	M93	Z	-15.339	-15.339	0 %100
97	M46	X	8.695	8.695	0 %100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
98	M46	Z	-15.06	-15.06	0	%100
99	M80	X	9.328	9.328	0	%100
100	M80	Z	-16.156	-16.156	0	%100
101	M91	X	0	0	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	8.695	8.695	0	%100
104	M55	Z	-15.06	-15.06	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	9.328	9.328	0	%100
108	M71	Z	-16.156	-16.156	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	9.328	9.328	0	%100
112	M90	Z	-16.156	-16.156	0	%100
113	M95	X	9.328	9.328	0	%100
114	M95	Z	-16.156	-16.156	0	%100
115	OVP1	X	3.753	3.753	0	%100
116	OVP1	Z	-6.5	-6.5	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	8.799	8.799	0	%100
2	M121	Z	-5.08	-5.08	0	%100
3	M122	X	2.2	2.2	0	%100
4	M122	Z	-1.27	-1.27	0	%100
5	M123	X	2.2	2.2	0	%100
6	M123	Z	-1.27	-1.27	0	%100
7	M100	X	1.987	1.987	0	%100
8	M100	Z	-1.147	-1.147	0	%100
9	M105	X	7.948	7.948	0	%100
10	M105	Z	-4.589	-4.589	0	%100
11	M106	X	1.987	1.987	0	%100
12	M106	Z	-1.147	-1.147	0	%100
13	M4	X	8.923	8.923	0	%100
14	M4	Z	-5.152	-5.152	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	8.923	8.923	0	%100
18	M76A	Z	-5.152	-5.152	0	%100
19	M10	X	2.517	2.517	0	%100
20	M10	Z	-1.453	-1.453	0	%100
21	M43	X	2.517	2.517	0	%100
22	M43	Z	-1.453	-1.453	0	%100
23	M53	X	10.067	10.067	0	%100
24	M53	Z	-5.812	-5.812	0	%100
25	M54	X	10.067	10.067	0	%100
26	M54	Z	-5.812	-5.812	0	%100
27	M77A	X	2.517	2.517	0	%100
28	M77A	Z	-1.453	-1.453	0	%100
29	M78	X	2.517	2.517	0	%100
30	M78	Z	-1.453	-1.453	0	%100
31	MP3A	X	7.948	7.948	0	%100
32	MP3A	Z	-4.589	-4.589	0	%100
33	MP4A	X	7.948	7.948	0	%100
34	MP4A	Z	-4.589	-4.589	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
35	MP2A	X	7.948	7.948	0	%100
36	MP2A	Z	-4.589	-4.589	0	%100
37	MP1A	X	7.948	7.948	0	%100
38	MP1A	Z	-4.589	-4.589	0	%100
39	MP3C	X	7.948	7.948	0	%100
40	MP3C	Z	-4.589	-4.589	0	%100
41	MP4C	X	7.948	7.948	0	%100
42	MP4C	Z	-4.589	-4.589	0	%100
43	MP2C	X	7.948	7.948	0	%100
44	MP2C	Z	-4.589	-4.589	0	%100
45	MP1C	X	7.948	7.948	0	%100
46	MP1C	Z	-4.589	-4.589	0	%100
47	MP3B	X	7.948	7.948	0	%100
48	MP3B	Z	-4.589	-4.589	0	%100
49	MP4B	X	7.948	7.948	0	%100
50	MP4B	Z	-4.589	-4.589	0	%100
51	MP2B	X	7.948	7.948	0	%100
52	MP2B	Z	-4.589	-4.589	0	%100
53	MP1B	X	7.948	7.948	0	%100
54	MP1B	Z	-4.589	-4.589	0	%100
55	M51B	X	11.15	11.15	0	%100
56	M51B	Z	-6.438	-6.438	0	%100
57	M52B	X	2.788	2.788	0	%100
58	M52B	Z	-1.609	-1.609	0	%100
59	M58A	X	2.788	2.788	0	%100
60	M58A	Z	-1.609	-1.609	0	%100
61	M59A	X	2.788	2.788	0	%100
62	M59A	Z	-1.609	-1.609	0	%100
63	M82	X	2.788	2.788	0	%100
64	M82	Z	-1.609	-1.609	0	%100
65	M83A	X	11.15	11.15	0	%100
66	M83A	Z	-6.438	-6.438	0	%100
67	M1	X	2.928	2.928	0	%100
68	M1	Z	-1.691	-1.691	0	%100
69	M82A	X	11.713	11.713	0	%100
70	M82A	Z	-6.763	-6.763	0	%100
71	M91B	X	2.928	2.928	0	%100
72	M91B	Z	-1.691	-1.691	0	%100
73	M76	X	15.06	15.06	0	%100
74	M76	Z	-8.695	-8.695	0	%100
75	M77	X	20.452	20.452	0	%100
76	M77	Z	-11.808	-11.808	0	%100
77	M84	X	15.06	15.06	0	%100
78	M84	Z	-8.695	-8.695	0	%100
79	M85	X	5.113	5.113	0	%100
80	M85	Z	-2.952	-2.952	0	%100
81	M63	X	0	0	0	%100
82	M63	Z	0	0	0	%100
83	M64	X	5.113	5.113	0	%100
84	M64	Z	-2.952	-2.952	0	%100
85	M68	X	0	0	0	%100
86	M68	Z	0	0	0	%100
87	M69	X	5.113	5.113	0	%100
88	M69	Z	-2.952	-2.952	0	%100
89	M87	X	15.06	15.06	0	%100
90	M87	Z	-8.695	-8.695	0	%100
91	M88A	X	5.113	5.113	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
92	M88A	Z	-2.952	-2.952	0	%100
93	M92A	X	15.06	15.06	0	%100
94	M92A	Z	-8.695	-8.695	0	%100
95	M93	X	20.452	20.452	0	%100
96	M93	Z	-11.808	-11.808	0	%100
97	M46	X	5.02	5.02	0	%100
98	M46	Z	-2.898	-2.898	0	%100
99	M80	X	21.542	21.542	0	%100
100	M80	Z	-12.437	-12.437	0	%100
101	M91	X	5.385	5.385	0	%100
102	M91	Z	-3.109	-3.109	0	%100
103	M55	X	20.08	20.08	0	%100
104	M55	Z	-11.593	-11.593	0	%100
105	M66	X	5.385	5.385	0	%100
106	M66	Z	-3.109	-3.109	0	%100
107	M71	X	5.385	5.385	0	%100
108	M71	Z	-3.109	-3.109	0	%100
109	M79A	X	5.02	5.02	0	%100
110	M79A	Z	-2.898	-2.898	0	%100
111	M90	X	5.385	5.385	0	%100
112	M90	Z	-3.109	-3.109	0	%100
113	M95	X	21.542	21.542	0	%100
114	M95	Z	-12.437	-12.437	0	%100
115	OVP1	X	6.5	6.5	0	%100
116	OVP1	Z	-3.753	-3.753	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	7.62	7.62	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	0	0	0	%100
5	M123	X	7.62	7.62	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	0	0	0	%100
9	M105	X	6.884	6.884	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	6.884	6.884	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	13.738	13.738	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	3.434	3.434	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	3.434	3.434	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	0	0	0	%100
23	M53	X	8.718	8.718	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	8.718	8.718	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	8.718	8.718	0	%100
28	M77A	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	M78	X	8.718	8.718	0 %100
30	M78	Z	0	0	0 %100
31	MP3A	X	9.178	9.178	0 %100
32	MP3A	Z	0	0	0 %100
33	MP4A	X	9.178	9.178	0 %100
34	MP4A	Z	0	0	0 %100
35	MP2A	X	9.178	9.178	0 %100
36	MP2A	Z	0	0	0 %100
37	MP1A	X	9.178	9.178	0 %100
38	MP1A	Z	0	0	0 %100
39	MP3C	X	9.178	9.178	0 %100
40	MP3C	Z	0	0	0 %100
41	MP4C	X	9.178	9.178	0 %100
42	MP4C	Z	0	0	0 %100
43	MP2C	X	9.178	9.178	0 %100
44	MP2C	Z	0	0	0 %100
45	MP1C	X	9.178	9.178	0 %100
46	MP1C	Z	0	0	0 %100
47	MP3B	X	9.178	9.178	0 %100
48	MP3B	Z	0	0	0 %100
49	MP4B	X	9.178	9.178	0 %100
50	MP4B	Z	0	0	0 %100
51	MP2B	X	9.178	9.178	0 %100
52	MP2B	Z	0	0	0 %100
53	MP1B	X	9.178	9.178	0 %100
54	MP1B	Z	0	0	0 %100
55	M51B	X	9.656	9.656	0 %100
56	M51B	Z	0	0	0 %100
57	M52B	X	9.656	9.656	0 %100
58	M52B	Z	0	0	0 %100
59	M58A	X	9.656	9.656	0 %100
60	M58A	Z	0	0	0 %100
61	M59A	X	0	0	0 %100
62	M59A	Z	0	0	0 %100
63	M82	X	0	0	0 %100
64	M82	Z	0	0	0 %100
65	M83A	X	9.656	9.656	0 %100
66	M83A	Z	0	0	0 %100
67	M1	X	0	0	0 %100
68	M1	Z	0	0	0 %100
69	M82A	X	10.144	10.144	0 %100
70	M82A	Z	0	0	0 %100
71	M91B	X	10.144	10.144	0 %100
72	M91B	Z	0	0	0 %100
73	M76	X	23.187	23.187	0 %100
74	M76	Z	0	0	0 %100
75	M77	X	17.712	17.712	0 %100
76	M77	Z	0	0	0 %100
77	M84	X	23.187	23.187	0 %100
78	M84	Z	0	0	0 %100
79	M85	X	17.712	17.712	0 %100
80	M85	Z	0	0	0 %100
81	M63	X	5.797	5.797	0 %100
82	M63	Z	0	0	0 %100
83	M64	X	17.712	17.712	0 %100
84	M64	Z	0	0	0 %100
85	M68	X	5.797	5.797	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
86	M68	Z	0	0	0	%100
87	M69	X	0	0	0	%100
88	M69	Z	0	0	0	%100
89	M87	X	5.797	5.797	0	%100
90	M87	Z	0	0	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	0	0	0	%100
93	M92A	X	5.797	5.797	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	17.712	17.712	0	%100
96	M93	Z	0	0	0	%100
97	M46	X	0	0	0	%100
98	M46	Z	0	0	0	%100
99	M80	X	18.656	18.656	0	%100
100	M80	Z	0	0	0	%100
101	M91	X	18.656	18.656	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	17.39	17.39	0	%100
104	M55	Z	0	0	0	%100
105	M66	X	18.656	18.656	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	0	0	0	%100
109	M79A	X	17.39	17.39	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	0	0	0	%100
113	M95	X	18.656	18.656	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	7.505	7.505	0	%100
116	OVP1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	2.2	2.2	0	%100
2	M121	Z	1.27	1.27	0	%100
3	M122	X	2.2	2.2	0	%100
4	M122	Z	1.27	1.27	0	%100
5	M123	X	8.799	8.799	0	%100
6	M123	Z	5.08	5.08	0	%100
7	M100	X	1.987	1.987	0	%100
8	M100	Z	1.147	1.147	0	%100
9	M105	X	1.987	1.987	0	%100
10	M105	Z	1.147	1.147	0	%100
11	M106	X	7.948	7.948	0	%100
12	M106	Z	4.589	4.589	0	%100
13	M4	X	8.923	8.923	0	%100
14	M4	Z	5.152	5.152	0	%100
15	M52A	X	8.923	8.923	0	%100
16	M52A	Z	5.152	5.152	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	2.517	2.517	0	%100
20	M10	Z	1.453	1.453	0	%100
21	M43	X	2.517	2.517	0	%100
22	M43	Z	1.453	1.453	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
23	M53	X	2.517	2.517	0 %100
24	M53	Z	1.453	1.453	0 %100
25	M54	X	2.517	2.517	0 %100
26	M54	Z	1.453	1.453	0 %100
27	M77A	X	10.067	10.067	0 %100
28	M77A	Z	5.812	5.812	0 %100
29	M78	X	10.067	10.067	0 %100
30	M78	Z	5.812	5.812	0 %100
31	MP3A	X	7.948	7.948	0 %100
32	MP3A	Z	4.589	4.589	0 %100
33	MP4A	X	7.948	7.948	0 %100
34	MP4A	Z	4.589	4.589	0 %100
35	MP2A	X	7.948	7.948	0 %100
36	MP2A	Z	4.589	4.589	0 %100
37	MP1A	X	7.948	7.948	0 %100
38	MP1A	Z	4.589	4.589	0 %100
39	MP3C	X	7.948	7.948	0 %100
40	MP3C	Z	4.589	4.589	0 %100
41	MP4C	X	7.948	7.948	0 %100
42	MP4C	Z	4.589	4.589	0 %100
43	MP2C	X	7.948	7.948	0 %100
44	MP2C	Z	4.589	4.589	0 %100
45	MP1C	X	7.948	7.948	0 %100
46	MP1C	Z	4.589	4.589	0 %100
47	MP3B	X	7.948	7.948	0 %100
48	MP3B	Z	4.589	4.589	0 %100
49	MP4B	X	7.948	7.948	0 %100
50	MP4B	Z	4.589	4.589	0 %100
51	MP2B	X	7.948	7.948	0 %100
52	MP2B	Z	4.589	4.589	0 %100
53	MP1B	X	7.948	7.948	0 %100
54	MP1B	Z	4.589	4.589	0 %100
55	M51B	X	2.788	2.788	0 %100
56	M51B	Z	1.609	1.609	0 %100
57	M52B	X	11.15	11.15	0 %100
58	M52B	Z	6.438	6.438	0 %100
59	M58A	X	11.15	11.15	0 %100
60	M58A	Z	6.438	6.438	0 %100
61	M59A	X	2.788	2.788	0 %100
62	M59A	Z	1.609	1.609	0 %100
63	M82	X	2.788	2.788	0 %100
64	M82	Z	1.609	1.609	0 %100
65	M83A	X	2.788	2.788	0 %100
66	M83A	Z	1.609	1.609	0 %100
67	M1	X	2.928	2.928	0 %100
68	M1	Z	1.691	1.691	0 %100
69	M82A	X	2.928	2.928	0 %100
70	M82A	Z	1.691	1.691	0 %100
71	M91B	X	11.713	11.713	0 %100
72	M91B	Z	6.763	6.763	0 %100
73	M76	X	15.06	15.06	0 %100
74	M76	Z	8.695	8.695	0 %100
75	M77	X	5.113	5.113	0 %100
76	M77	Z	2.952	2.952	0 %100
77	M84	X	15.06	15.06	0 %100
78	M84	Z	8.695	8.695	0 %100
79	M85	X	20.452	20.452	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
80	M85	Z	11.808	11.808	0	%100
81	M63	X	15.06	15.06	0	%100
82	M63	Z	8.695	8.695	0	%100
83	M64	X	20.452	20.452	0	%100
84	M64	Z	11.808	11.808	0	%100
85	M68	X	15.06	15.06	0	%100
86	M68	Z	8.695	8.695	0	%100
87	M69	X	5.113	5.113	0	%100
88	M69	Z	2.952	2.952	0	%100
89	M87	X	0	0	0	%100
90	M87	Z	0	0	0	%100
91	M88A	X	5.113	5.113	0	%100
92	M88A	Z	2.952	2.952	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	5.113	5.113	0	%100
96	M93	Z	2.952	2.952	0	%100
97	M46	X	5.02	5.02	0	%100
98	M46	Z	2.898	2.898	0	%100
99	M80	X	5.385	5.385	0	%100
100	M80	Z	3.109	3.109	0	%100
101	M91	X	21.542	21.542	0	%100
102	M91	Z	12.437	12.437	0	%100
103	M55	X	5.02	5.02	0	%100
104	M55	Z	2.898	2.898	0	%100
105	M66	X	21.542	21.542	0	%100
106	M66	Z	12.437	12.437	0	%100
107	M71	X	5.385	5.385	0	%100
108	M71	Z	3.109	3.109	0	%100
109	M79A	X	20.08	20.08	0	%100
110	M79A	Z	11.593	11.593	0	%100
111	M90	X	5.385	5.385	0	%100
112	M90	Z	3.109	3.109	0	%100
113	M95	X	5.385	5.385	0	%100
114	M95	Z	3.109	3.109	0	%100
115	OVP1	X	6.5	6.5	0	%100
116	OVP1	Z	3.753	3.753	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	0	0	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	3.81	3.81	0	%100
4	M122	Z	6.599	6.599	0	%100
5	M123	X	3.81	3.81	0	%100
6	M123	Z	6.599	6.599	0	%100
7	M100	X	3.442	3.442	0	%100
8	M100	Z	5.961	5.961	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	3.442	3.442	0	%100
12	M106	Z	5.961	5.961	0	%100
13	M4	X	1.717	1.717	0	%100
14	M4	Z	2.974	2.974	0	%100
15	M52A	X	6.869	6.869	0	%100
16	M52A	Z	11.897	11.897	0	%100





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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
17	M76A	X	1.717	1.717	0 %100
18	M76A	Z	2.974	2.974	0 %100
19	M10	X	4.359	4.359	0 %100
20	M10	Z	7.55	7.55	0 %100
21	M43	X	4.359	4.359	0 %100
22	M43	Z	7.55	7.55	0 %100
23	M53	X	0	0	0 %100
24	M53	Z	0	0	0 %100
25	M54	X	0	0	0 %100
26	M54	Z	0	0	0 %100
27	M77A	X	4.359	4.359	0 %100
28	M77A	Z	7.55	7.55	0 %100
29	M78	X	4.359	4.359	0 %100
30	M78	Z	7.55	7.55	0 %100
31	MP3A	X	4.589	4.589	0 %100
32	MP3A	Z	7.948	7.948	0 %100
33	MP4A	X	4.589	4.589	0 %100
34	MP4A	Z	7.948	7.948	0 %100
35	MP2A	X	4.589	4.589	0 %100
36	MP2A	Z	7.948	7.948	0 %100
37	MP1A	X	4.589	4.589	0 %100
38	MP1A	Z	7.948	7.948	0 %100
39	MP3C	X	4.589	4.589	0 %100
40	MP3C	Z	7.948	7.948	0 %100
41	MP4C	X	4.589	4.589	0 %100
42	MP4C	Z	7.948	7.948	0 %100
43	MP2C	X	4.589	4.589	0 %100
44	MP2C	Z	7.948	7.948	0 %100
45	MP1C	X	4.589	4.589	0 %100
46	MP1C	Z	7.948	7.948	0 %100
47	MP3B	X	4.589	4.589	0 %100
48	MP3B	Z	7.948	7.948	0 %100
49	MP4B	X	4.589	4.589	0 %100
50	MP4B	Z	7.948	7.948	0 %100
51	MP2B	X	4.589	4.589	0 %100
52	MP2B	Z	7.948	7.948	0 %100
53	MP1B	X	4.589	4.589	0 %100
54	MP1B	Z	7.948	7.948	0 %100
55	M51B	X	0	0	0 %100
56	M51B	Z	0	0	0 %100
57	M52B	X	4.828	4.828	0 %100
58	M52B	Z	8.363	8.363	0 %100
59	M58A	X	4.828	4.828	0 %100
60	M58A	Z	8.363	8.363	0 %100
61	M59A	X	4.828	4.828	0 %100
62	M59A	Z	8.363	8.363	0 %100
63	M82	X	4.828	4.828	0 %100
64	M82	Z	8.363	8.363	0 %100
65	M83A	X	0	0	0 %100
66	M83A	Z	0	0	0 %100
67	M1	X	5.072	5.072	0 %100
68	M1	Z	8.785	8.785	0 %100
69	M82A	X	0	0	0 %100
70	M82A	Z	0	0	0 %100
71	M91B	X	5.072	5.072	0 %100
72	M91B	Z	8.785	8.785	0 %100
73	M76	X	2.898	2.898	0 %100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
74	M76	Z	5.02	5.02	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	0	0	0	%100
77	M84	X	2.898	2.898	0	%100
78	M84	Z	5.02	5.02	0	%100
79	M85	X	8.856	8.856	0	%100
80	M85	Z	15.339	15.339	0	%100
81	M63	X	11.593	11.593	0	%100
82	M63	Z	20.08	20.08	0	%100
83	M64	X	8.856	8.856	0	%100
84	M64	Z	15.339	15.339	0	%100
85	M68	X	11.593	11.593	0	%100
86	M68	Z	20.08	20.08	0	%100
87	M69	X	8.856	8.856	0	%100
88	M69	Z	15.339	15.339	0	%100
89	M87	X	2.898	2.898	0	%100
90	M87	Z	5.02	5.02	0	%100
91	M88A	X	8.856	8.856	0	%100
92	M88A	Z	15.339	15.339	0	%100
93	M92A	X	2.898	2.898	0	%100
94	M92A	Z	5.02	5.02	0	%100
95	M93	X	0	0	0	%100
96	M93	Z	0	0	0	%100
97	M46	X	8.695	8.695	0	%100
98	M46	Z	15.06	15.06	0	%100
99	M80	X	0	0	0	%100
100	M80	Z	0	0	0	%100
101	M91	X	9.328	9.328	0	%100
102	M91	Z	16.156	16.156	0	%100
103	M55	X	0	0	0	%100
104	M55	Z	0	0	0	%100
105	M66	X	9.328	9.328	0	%100
106	M66	Z	16.156	16.156	0	%100
107	M71	X	9.328	9.328	0	%100
108	M71	Z	16.156	16.156	0	%100
109	M79A	X	8.695	8.695	0	%100
110	M79A	Z	15.06	15.06	0	%100
111	M90	X	9.328	9.328	0	%100
112	M90	Z	16.156	16.156	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	3.753	3.753	0	%100
116	OVP1	Z	6.5	6.5	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	0	0	0	%100
2	M121	Z	2.54	2.54	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	10.16	10.16	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	2.54	2.54	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	9.178	9.178	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	2.295	2.295	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]	
11	M106	X	0	0	0	%100
12	M106	Z	2.295	2.295	0	%100
13	M4	X	0	0	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	10.303	10.303	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	10.303	10.303	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	11.625	11.625	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	11.625	11.625	0	%100
23	M53	X	0	0	0	%100
24	M53	Z	2.906	2.906	0	%100
25	M54	X	0	0	0	%100
26	M54	Z	2.906	2.906	0	%100
27	M77A	X	0	0	0	%100
28	M77A	Z	2.906	2.906	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	2.906	2.906	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	9.178	9.178	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	9.178	9.178	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	9.178	9.178	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	9.178	9.178	0	%100
39	MP3C	X	0	0	0	%100
40	MP3C	Z	9.178	9.178	0	%100
41	MP4C	X	0	0	0	%100
42	MP4C	Z	9.178	9.178	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	9.178	9.178	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	9.178	9.178	0	%100
47	MP3B	X	0	0	0	%100
48	MP3B	Z	9.178	9.178	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	9.178	9.178	0	%100
51	MP2B	X	0	0	0	%100
52	MP2B	Z	9.178	9.178	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	9.178	9.178	0	%100
55	M51B	X	0	0	0	%100
56	M51B	Z	3.219	3.219	0	%100
57	M52B	X	0	0	0	%100
58	M52B	Z	3.219	3.219	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	3.219	3.219	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	12.875	12.875	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	12.875	12.875	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	3.219	3.219	0	%100
67	M1	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
68	M1	Z	13.525	13.525	0	%100
69	M82A	X	0	0	0	%100
70	M82A	Z	3.381	3.381	0	%100
71	M91B	X	0	0	0	%100
72	M91B	Z	3.381	3.381	0	%100
73	M76	X	0	0	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	5.904	5.904	0	%100
77	M84	X	0	0	0	%100
78	M84	Z	0	0	0	%100
79	M85	X	0	0	0	%100
80	M85	Z	5.904	5.904	0	%100
81	M63	X	0	0	0	%100
82	M63	Z	17.39	17.39	0	%100
83	M64	X	0	0	0	%100
84	M64	Z	5.904	5.904	0	%100
85	M68	X	0	0	0	%100
86	M68	Z	17.39	17.39	0	%100
87	M69	X	0	0	0	%100
88	M69	Z	23.616	23.616	0	%100
89	M87	X	0	0	0	%100
90	M87	Z	17.39	17.39	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	23.616	23.616	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	17.39	17.39	0	%100
95	M93	X	0	0	0	%100
96	M93	Z	5.904	5.904	0	%100
97	M46	X	0	0	0	%100
98	M46	Z	23.187	23.187	0	%100
99	M80	X	0	0	0	%100
100	M80	Z	6.219	6.219	0	%100
101	M91	X	0	0	0	%100
102	M91	Z	6.219	6.219	0	%100
103	M55	X	0	0	0	%100
104	M55	Z	5.797	5.797	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	6.219	6.219	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	24.874	24.874	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	5.797	5.797	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	24.874	24.874	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	6.219	6.219	0	%100
115	OVP1	X	0	0	0	%100
116	OVP1	Z	7.505	7.505	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	-3.81	-3.81	0	%100
2	M121	Z	6.599	6.599	0	%100
3	M122	X	-3.81	-3.81	0	%100
4	M122	Z	6.599	6.599	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
5	M123	X	0	0	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	-3.442	-3.442	0	%100
8	M100	Z	5.961	5.961	0	%100
9	M105	X	-3.442	-3.442	0	%100
10	M105	Z	5.961	5.961	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	-1.717	-1.717	0	%100
14	M4	Z	2.974	2.974	0	%100
15	M52A	X	-1.717	-1.717	0	%100
16	M52A	Z	2.974	2.974	0	%100
17	M76A	X	-6.869	-6.869	0	%100
18	M76A	Z	11.897	11.897	0	%100
19	M10	X	-4.359	-4.359	0	%100
20	M10	Z	7.55	7.55	0	%100
21	M43	X	-4.359	-4.359	0	%100
22	M43	Z	7.55	7.55	0	%100
23	M53	X	-4.359	-4.359	0	%100
24	M53	Z	7.55	7.55	0	%100
25	M54	X	-4.359	-4.359	0	%100
26	M54	Z	7.55	7.55	0	%100
27	M77A	X	0	0	0	%100
28	M77A	Z	0	0	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	-4.589	-4.589	0	%100
32	MP3A	Z	7.948	7.948	0	%100
33	MP4A	X	-4.589	-4.589	0	%100
34	MP4A	Z	7.948	7.948	0	%100
35	MP2A	X	-4.589	-4.589	0	%100
36	MP2A	Z	7.948	7.948	0	%100
37	MP1A	X	-4.589	-4.589	0	%100
38	MP1A	Z	7.948	7.948	0	%100
39	MP3C	X	-4.589	-4.589	0	%100
40	MP3C	Z	7.948	7.948	0	%100
41	MP4C	X	-4.589	-4.589	0	%100
42	MP4C	Z	7.948	7.948	0	%100
43	MP2C	X	-4.589	-4.589	0	%100
44	MP2C	Z	7.948	7.948	0	%100
45	MP1C	X	-4.589	-4.589	0	%100
46	MP1C	Z	7.948	7.948	0	%100
47	MP3B	X	-4.589	-4.589	0	%100
48	MP3B	Z	7.948	7.948	0	%100
49	MP4B	X	-4.589	-4.589	0	%100
50	MP4B	Z	7.948	7.948	0	%100
51	MP2B	X	-4.589	-4.589	0	%100
52	MP2B	Z	7.948	7.948	0	%100
53	MP1B	X	-4.589	-4.589	0	%100
54	MP1B	Z	7.948	7.948	0	%100
55	M51B	X	-4.828	-4.828	0	%100
56	M51B	Z	8.363	8.363	0	%100
57	M52B	X	0	0	0	%100
58	M52B	Z	0	0	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-4.828	-4.828	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
62	M59A	Z	8.363	8.363	0	%100
63	M82	X	-4.828	-4.828	0	%100
64	M82	Z	8.363	8.363	0	%100
65	M83A	X	-4.828	-4.828	0	%100
66	M83A	Z	8.363	8.363	0	%100
67	M1	X	-5.072	-5.072	0	%100
68	M1	Z	8.785	8.785	0	%100
69	M82A	X	-5.072	-5.072	0	%100
70	M82A	Z	8.785	8.785	0	%100
71	M91B	X	0	0	0	%100
72	M91B	Z	0	0	0	%100
73	M76	X	-2.898	-2.898	0	%100
74	M76	Z	5.02	5.02	0	%100
75	M77	X	-8.856	-8.856	0	%100
76	M77	Z	15.339	15.339	0	%100
77	M84	X	-2.898	-2.898	0	%100
78	M84	Z	5.02	5.02	0	%100
79	M85	X	0	0	0	%100
80	M85	Z	0	0	0	%100
81	M63	X	-2.898	-2.898	0	%100
82	M63	Z	5.02	5.02	0	%100
83	M64	X	0	0	0	%100
84	M64	Z	0	0	0	%100
85	M68	X	-2.898	-2.898	0	%100
86	M68	Z	5.02	5.02	0	%100
87	M69	X	-8.856	-8.856	0	%100
88	M69	Z	15.339	15.339	0	%100
89	M87	X	-11.593	-11.593	0	%100
90	M87	Z	20.08	20.08	0	%100
91	M88A	X	-8.856	-8.856	0	%100
92	M88A	Z	15.339	15.339	0	%100
93	M92A	X	-11.593	-11.593	0	%100
94	M92A	Z	20.08	20.08	0	%100
95	M93	X	-8.856	-8.856	0	%100
96	M93	Z	15.339	15.339	0	%100
97	M46	X	-8.695	-8.695	0	%100
98	M46	Z	15.06	15.06	0	%100
99	M80	X	-9.328	-9.328	0	%100
100	M80	Z	16.156	16.156	0	%100
101	M91	X	0	0	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	-8.695	-8.695	0	%100
104	M55	Z	15.06	15.06	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	-9.328	-9.328	0	%100
108	M71	Z	16.156	16.156	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	-9.328	-9.328	0	%100
112	M90	Z	16.156	16.156	0	%100
113	M95	X	-9.328	-9.328	0	%100
114	M95	Z	16.156	16.156	0	%100
115	OVP1	X	-3.753	-3.753	0	%100
116	OVP1	Z	6.5	6.5	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	-8.799	-8.799	0	%100
2	M121	Z	5.08	5.08	0	%100
3	M122	X	-2.2	-2.2	0	%100
4	M122	Z	1.27	1.27	0	%100
5	M123	X	-2.2	-2.2	0	%100
6	M123	Z	1.27	1.27	0	%100
7	M100	X	-1.987	-1.987	0	%100
8	M100	Z	1.147	1.147	0	%100
9	M105	X	-7.948	-7.948	0	%100
10	M105	Z	4.589	4.589	0	%100
11	M106	X	-1.987	-1.987	0	%100
12	M106	Z	1.147	1.147	0	%100
13	M4	X	-8.923	-8.923	0	%100
14	M4	Z	5.152	5.152	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	-8.923	-8.923	0	%100
18	M76A	Z	5.152	5.152	0	%100
19	M10	X	-2.517	-2.517	0	%100
20	M10	Z	1.453	1.453	0	%100
21	M43	X	-2.517	-2.517	0	%100
22	M43	Z	1.453	1.453	0	%100
23	M53	X	-10.067	-10.067	0	%100
24	M53	Z	5.812	5.812	0	%100
25	M54	X	-10.067	-10.067	0	%100
26	M54	Z	5.812	5.812	0	%100
27	M77A	X	-2.517	-2.517	0	%100
28	M77A	Z	1.453	1.453	0	%100
29	M78	X	-2.517	-2.517	0	%100
30	M78	Z	1.453	1.453	0	%100
31	MP3A	X	-7.948	-7.948	0	%100
32	MP3A	Z	4.589	4.589	0	%100
33	MP4A	X	-7.948	-7.948	0	%100
34	MP4A	Z	4.589	4.589	0	%100
35	MP2A	X	-7.948	-7.948	0	%100
36	MP2A	Z	4.589	4.589	0	%100
37	MP1A	X	-7.948	-7.948	0	%100
38	MP1A	Z	4.589	4.589	0	%100
39	MP3C	X	-7.948	-7.948	0	%100
40	MP3C	Z	4.589	4.589	0	%100
41	MP4C	X	-7.948	-7.948	0	%100
42	MP4C	Z	4.589	4.589	0	%100
43	MP2C	X	-7.948	-7.948	0	%100
44	MP2C	Z	4.589	4.589	0	%100
45	MP1C	X	-7.948	-7.948	0	%100
46	MP1C	Z	4.589	4.589	0	%100
47	MP3B	X	-7.948	-7.948	0	%100
48	MP3B	Z	4.589	4.589	0	%100
49	MP4B	X	-7.948	-7.948	0	%100
50	MP4B	Z	4.589	4.589	0	%100
51	MP2B	X	-7.948	-7.948	0	%100
52	MP2B	Z	4.589	4.589	0	%100
53	MP1B	X	-7.948	-7.948	0	%100
54	MP1B	Z	4.589	4.589	0	%100
55	M51B	X	-11.15	-11.15	0	%100
56	M51B	Z	6.438	6.438	0	%100
57	M52B	X	-2.788	-2.788	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	M52B	Z	1.609	1.609	0 %100
59	M58A	X	-2.788	-2.788	0 %100
60	M58A	Z	1.609	1.609	0 %100
61	M59A	X	-2.788	-2.788	0 %100
62	M59A	Z	1.609	1.609	0 %100
63	M82	X	-2.788	-2.788	0 %100
64	M82	Z	1.609	1.609	0 %100
65	M83A	X	-11.15	-11.15	0 %100
66	M83A	Z	6.438	6.438	0 %100
67	M1	X	-2.928	-2.928	0 %100
68	M1	Z	1.691	1.691	0 %100
69	M82A	X	-11.713	-11.713	0 %100
70	M82A	Z	6.763	6.763	0 %100
71	M91B	X	-2.928	-2.928	0 %100
72	M91B	Z	1.691	1.691	0 %100
73	M76	X	-15.06	-15.06	0 %100
74	M76	Z	8.695	8.695	0 %100
75	M77	X	-20.452	-20.452	0 %100
76	M77	Z	11.808	11.808	0 %100
77	M84	X	-15.06	-15.06	0 %100
78	M84	Z	8.695	8.695	0 %100
79	M85	X	-5.113	-5.113	0 %100
80	M85	Z	2.952	2.952	0 %100
81	M63	X	0	0	0 %100
82	M63	Z	0	0	0 %100
83	M64	X	-5.113	-5.113	0 %100
84	M64	Z	2.952	2.952	0 %100
85	M68	X	0	0	0 %100
86	M68	Z	0	0	0 %100
87	M69	X	-5.113	-5.113	0 %100
88	M69	Z	2.952	2.952	0 %100
89	M87	X	-15.06	-15.06	0 %100
90	M87	Z	8.695	8.695	0 %100
91	M88A	X	-5.113	-5.113	0 %100
92	M88A	Z	2.952	2.952	0 %100
93	M92A	X	-15.06	-15.06	0 %100
94	M92A	Z	8.695	8.695	0 %100
95	M93	X	-20.452	-20.452	0 %100
96	M93	Z	11.808	11.808	0 %100
97	M46	X	-5.02	-5.02	0 %100
98	M46	Z	2.898	2.898	0 %100
99	M80	X	-21.542	-21.542	0 %100
100	M80	Z	12.437	12.437	0 %100
101	M91	X	-5.385	-5.385	0 %100
102	M91	Z	3.109	3.109	0 %100
103	M55	X	-20.08	-20.08	0 %100
104	M55	Z	11.593	11.593	0 %100
105	M66	X	-5.385	-5.385	0 %100
106	M66	Z	3.109	3.109	0 %100
107	M71	X	-5.385	-5.385	0 %100
108	M71	Z	3.109	3.109	0 %100
109	M79A	X	-5.02	-5.02	0 %100
110	M79A	Z	2.898	2.898	0 %100
111	M90	X	-5.385	-5.385	0 %100
112	M90	Z	3.109	3.109	0 %100
113	M95	X	-21.542	-21.542	0 %100
114	M95	Z	12.437	12.437	0 %100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
115	OVP1	X	-6.5	-6.5	0	%100
116	OVP1	Z	3.753	3.753	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	-7.62	-7.62	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	0	0	0	%100
5	M123	X	-7.62	-7.62	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	0	0	0	%100
9	M105	X	-6.884	-6.884	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	-6.884	-6.884	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	-13.738	-13.738	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	-3.434	-3.434	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	-3.434	-3.434	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	0	0	0	%100
23	M53	X	-8.718	-8.718	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	-8.718	-8.718	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	-8.718	-8.718	0	%100
28	M77A	Z	0	0	0	%100
29	M78	X	-8.718	-8.718	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	-9.178	-9.178	0	%100
32	MP3A	Z	0	0	0	%100
33	MP4A	X	-9.178	-9.178	0	%100
34	MP4A	Z	0	0	0	%100
35	MP2A	X	-9.178	-9.178	0	%100
36	MP2A	Z	0	0	0	%100
37	MP1A	X	-9.178	-9.178	0	%100
38	MP1A	Z	0	0	0	%100
39	MP3C	X	-9.178	-9.178	0	%100
40	MP3C	Z	0	0	0	%100
41	MP4C	X	-9.178	-9.178	0	%100
42	MP4C	Z	0	0	0	%100
43	MP2C	X	-9.178	-9.178	0	%100
44	MP2C	Z	0	0	0	%100
45	MP1C	X	-9.178	-9.178	0	%100
46	MP1C	Z	0	0	0	%100
47	MP3B	X	-9.178	-9.178	0	%100
48	MP3B	Z	0	0	0	%100
49	MP4B	X	-9.178	-9.178	0	%100
50	MP4B	Z	0	0	0	%100
51	MP2B	X	-9.178	-9.178	0	%100





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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
52	MP2B	Z	0	0	%100
53	MP1B	X	-9.178	-9.178	%100
54	MP1B	Z	0	0	%100
55	M51B	X	-9.656	-9.656	%100
56	M51B	Z	0	0	%100
57	M52B	X	-9.656	-9.656	%100
58	M52B	Z	0	0	%100
59	M58A	X	-9.656	-9.656	%100
60	M58A	Z	0	0	%100
61	M59A	X	0	0	%100
62	M59A	Z	0	0	%100
63	M82	X	0	0	%100
64	M82	Z	0	0	%100
65	M83A	X	-9.656	-9.656	%100
66	M83A	Z	0	0	%100
67	M1	X	0	0	%100
68	M1	Z	0	0	%100
69	M82A	X	-10.144	-10.144	%100
70	M82A	Z	0	0	%100
71	M91B	X	-10.144	-10.144	%100
72	M91B	Z	0	0	%100
73	M76	X	-23.187	-23.187	%100
74	M76	Z	0	0	%100
75	M77	X	-17.712	-17.712	%100
76	M77	Z	0	0	%100
77	M84	X	-23.187	-23.187	%100
78	M84	Z	0	0	%100
79	M85	X	-17.712	-17.712	%100
80	M85	Z	0	0	%100
81	M63	X	-5.797	-5.797	%100
82	M63	Z	0	0	%100
83	M64	X	-17.712	-17.712	%100
84	M64	Z	0	0	%100
85	M68	X	-5.797	-5.797	%100
86	M68	Z	0	0	%100
87	M69	X	0	0	%100
88	M69	Z	0	0	%100
89	M87	X	-5.797	-5.797	%100
90	M87	Z	0	0	%100
91	M88A	X	0	0	%100
92	M88A	Z	0	0	%100
93	M92A	X	-5.797	-5.797	%100
94	M92A	Z	0	0	%100
95	M93	X	-17.712	-17.712	%100
96	M93	Z	0	0	%100
97	M46	X	0	0	%100
98	M46	Z	0	0	%100
99	M80	X	-18.656	-18.656	%100
100	M80	Z	0	0	%100
101	M91	X	-18.656	-18.656	%100
102	M91	Z	0	0	%100
103	M55	X	-17.39	-17.39	%100
104	M55	Z	0	0	%100
105	M66	X	-18.656	-18.656	%100
106	M66	Z	0	0	%100
107	M71	X	0	0	%100
108	M71	Z	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft, %]	End Location[ft, %]
109	M79A	X	-17.39	-17.39	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	0	0	0	%100
113	M95	X	-18.656	-18.656	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	-7.505	-7.505	0	%100
116	OVP1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	-2.2	-2.2	0	%100
2	M121	Z	-1.27	-1.27	0	%100
3	M122	X	-2.2	-2.2	0	%100
4	M122	Z	-1.27	-1.27	0	%100
5	M123	X	-8.799	-8.799	0	%100
6	M123	Z	-5.08	-5.08	0	%100
7	M100	X	-1.987	-1.987	0	%100
8	M100	Z	-1.147	-1.147	0	%100
9	M105	X	-1.987	-1.987	0	%100
10	M105	Z	-1.147	-1.147	0	%100
11	M106	X	-7.948	-7.948	0	%100
12	M106	Z	-4.589	-4.589	0	%100
13	M4	X	-8.923	-8.923	0	%100
14	M4	Z	-5.152	-5.152	0	%100
15	M52A	X	-8.923	-8.923	0	%100
16	M52A	Z	-5.152	-5.152	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	-2.517	-2.517	0	%100
20	M10	Z	-1.453	-1.453	0	%100
21	M43	X	-2.517	-2.517	0	%100
22	M43	Z	-1.453	-1.453	0	%100
23	M53	X	-2.517	-2.517	0	%100
24	M53	Z	-1.453	-1.453	0	%100
25	M54	X	-2.517	-2.517	0	%100
26	M54	Z	-1.453	-1.453	0	%100
27	M77A	X	-10.067	-10.067	0	%100
28	M77A	Z	-5.812	-5.812	0	%100
29	M78	X	-10.067	-10.067	0	%100
30	M78	Z	-5.812	-5.812	0	%100
31	MP3A	X	-7.948	-7.948	0	%100
32	MP3A	Z	-4.589	-4.589	0	%100
33	MP4A	X	-7.948	-7.948	0	%100
34	MP4A	Z	-4.589	-4.589	0	%100
35	MP2A	X	-7.948	-7.948	0	%100
36	MP2A	Z	-4.589	-4.589	0	%100
37	MP1A	X	-7.948	-7.948	0	%100
38	MP1A	Z	-4.589	-4.589	0	%100
39	MP3C	X	-7.948	-7.948	0	%100
40	MP3C	Z	-4.589	-4.589	0	%100
41	MP4C	X	-7.948	-7.948	0	%100
42	MP4C	Z	-4.589	-4.589	0	%100
43	MP2C	X	-7.948	-7.948	0	%100
44	MP2C	Z	-4.589	-4.589	0	%100
45	MP1C	X	-7.948	-7.948	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
46	MP1C	Z	-4.589	-4.589	0	%100
47	MP3B	X	-7.948	-7.948	0	%100
48	MP3B	Z	-4.589	-4.589	0	%100
49	MP4B	X	-7.948	-7.948	0	%100
50	MP4B	Z	-4.589	-4.589	0	%100
51	MP2B	X	-7.948	-7.948	0	%100
52	MP2B	Z	-4.589	-4.589	0	%100
53	MP1B	X	-7.948	-7.948	0	%100
54	MP1B	Z	-4.589	-4.589	0	%100
55	M51B	X	-2.788	-2.788	0	%100
56	M51B	Z	-1.609	-1.609	0	%100
57	M52B	X	-11.15	-11.15	0	%100
58	M52B	Z	-6.438	-6.438	0	%100
59	M58A	X	-11.15	-11.15	0	%100
60	M58A	Z	-6.438	-6.438	0	%100
61	M59A	X	-2.788	-2.788	0	%100
62	M59A	Z	-1.609	-1.609	0	%100
63	M82	X	-2.788	-2.788	0	%100
64	M82	Z	-1.609	-1.609	0	%100
65	M83A	X	-2.788	-2.788	0	%100
66	M83A	Z	-1.609	-1.609	0	%100
67	M1	X	-2.928	-2.928	0	%100
68	M1	Z	-1.691	-1.691	0	%100
69	M82A	X	-2.928	-2.928	0	%100
70	M82A	Z	-1.691	-1.691	0	%100
71	M91B	X	-11.713	-11.713	0	%100
72	M91B	Z	-6.763	-6.763	0	%100
73	M76	X	-15.06	-15.06	0	%100
74	M76	Z	-8.695	-8.695	0	%100
75	M77	X	-5.113	-5.113	0	%100
76	M77	Z	-2.952	-2.952	0	%100
77	M84	X	-15.06	-15.06	0	%100
78	M84	Z	-8.695	-8.695	0	%100
79	M85	X	-20.452	-20.452	0	%100
80	M85	Z	-11.808	-11.808	0	%100
81	M63	X	-15.06	-15.06	0	%100
82	M63	Z	-8.695	-8.695	0	%100
83	M64	X	-20.452	-20.452	0	%100
84	M64	Z	-11.808	-11.808	0	%100
85	M68	X	-15.06	-15.06	0	%100
86	M68	Z	-8.695	-8.695	0	%100
87	M69	X	-5.113	-5.113	0	%100
88	M69	Z	-2.952	-2.952	0	%100
89	M87	X	0	0	0	%100
90	M87	Z	0	0	0	%100
91	M88A	X	-5.113	-5.113	0	%100
92	M88A	Z	-2.952	-2.952	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	-5.113	-5.113	0	%100
96	M93	Z	-2.952	-2.952	0	%100
97	M46	X	-5.02	-5.02	0	%100
98	M46	Z	-2.898	-2.898	0	%100
99	M80	X	-5.385	-5.385	0	%100
100	M80	Z	-3.109	-3.109	0	%100
101	M91	X	-21.542	-21.542	0	%100
102	M91	Z	-12.437	-12.437	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
103	M55	X	-5.02	-5.02	0	%100
104	M55	Z	-2.898	-2.898	0	%100
105	M66	X	-21.542	-21.542	0	%100
106	M66	Z	-12.437	-12.437	0	%100
107	M71	X	-5.385	-5.385	0	%100
108	M71	Z	-3.109	-3.109	0	%100
109	M79A	X	-20.08	-20.08	0	%100
110	M79A	Z	-11.593	-11.593	0	%100
111	M90	X	-5.385	-5.385	0	%100
112	M90	Z	-3.109	-3.109	0	%100
113	M95	X	-5.385	-5.385	0	%100
114	M95	Z	-3.109	-3.109	0	%100
115	OVP1	X	-6.5	-6.5	0	%100
116	OVP1	Z	-3.753	-3.753	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	0	0	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	-3.81	-3.81	0	%100
4	M122	Z	-6.599	-6.599	0	%100
5	M123	X	-3.81	-3.81	0	%100
6	M123	Z	-6.599	-6.599	0	%100
7	M100	X	-3.442	-3.442	0	%100
8	M100	Z	-5.961	-5.961	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	-3.442	-3.442	0	%100
12	M106	Z	-5.961	-5.961	0	%100
13	M4	X	-1.717	-1.717	0	%100
14	M4	Z	-2.974	-2.974	0	%100
15	M52A	X	-6.869	-6.869	0	%100
16	M52A	Z	-11.897	-11.897	0	%100
17	M76A	X	-1.717	-1.717	0	%100
18	M76A	Z	-2.974	-2.974	0	%100
19	M10	X	-4.359	-4.359	0	%100
20	M10	Z	-7.55	-7.55	0	%100
21	M43	X	-4.359	-4.359	0	%100
22	M43	Z	-7.55	-7.55	0	%100
23	M53	X	0	0	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	0	0	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	-4.359	-4.359	0	%100
28	M77A	Z	-7.55	-7.55	0	%100
29	M78	X	-4.359	-4.359	0	%100
30	M78	Z	-7.55	-7.55	0	%100
31	MP3A	X	-4.589	-4.589	0	%100
32	MP3A	Z	-7.948	-7.948	0	%100
33	MP4A	X	-4.589	-4.589	0	%100
34	MP4A	Z	-7.948	-7.948	0	%100
35	MP2A	X	-4.589	-4.589	0	%100
36	MP2A	Z	-7.948	-7.948	0	%100
37	MP1A	X	-4.589	-4.589	0	%100
38	MP1A	Z	-7.948	-7.948	0	%100
39	MP3C	X	-4.589	-4.589	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
40	MP3C	Z	-7.948	-7.948	0 %100
41	MP4C	X	-4.589	-4.589	0 %100
42	MP4C	Z	-7.948	-7.948	0 %100
43	MP2C	X	-4.589	-4.589	0 %100
44	MP2C	Z	-7.948	-7.948	0 %100
45	MP1C	X	-4.589	-4.589	0 %100
46	MP1C	Z	-7.948	-7.948	0 %100
47	MP3B	X	-4.589	-4.589	0 %100
48	MP3B	Z	-7.948	-7.948	0 %100
49	MP4B	X	-4.589	-4.589	0 %100
50	MP4B	Z	-7.948	-7.948	0 %100
51	MP2B	X	-4.589	-4.589	0 %100
52	MP2B	Z	-7.948	-7.948	0 %100
53	MP1B	X	-4.589	-4.589	0 %100
54	MP1B	Z	-7.948	-7.948	0 %100
55	M51B	X	0	0	0 %100
56	M51B	Z	0	0	0 %100
57	M52B	X	-4.828	-4.828	0 %100
58	M52B	Z	-8.363	-8.363	0 %100
59	M58A	X	-4.828	-4.828	0 %100
60	M58A	Z	-8.363	-8.363	0 %100
61	M59A	X	-4.828	-4.828	0 %100
62	M59A	Z	-8.363	-8.363	0 %100
63	M82	X	-4.828	-4.828	0 %100
64	M82	Z	-8.363	-8.363	0 %100
65	M83A	X	0	0	0 %100
66	M83A	Z	0	0	0 %100
67	M1	X	-5.072	-5.072	0 %100
68	M1	Z	-8.785	-8.785	0 %100
69	M82A	X	0	0	0 %100
70	M82A	Z	0	0	0 %100
71	M91B	X	-5.072	-5.072	0 %100
72	M91B	Z	-8.785	-8.785	0 %100
73	M76	X	-2.898	-2.898	0 %100
74	M76	Z	-5.02	-5.02	0 %100
75	M77	X	0	0	0 %100
76	M77	Z	0	0	0 %100
77	M84	X	-2.898	-2.898	0 %100
78	M84	Z	-5.02	-5.02	0 %100
79	M85	X	-8.856	-8.856	0 %100
80	M85	Z	-15.339	-15.339	0 %100
81	M63	X	-11.593	-11.593	0 %100
82	M63	Z	-20.08	-20.08	0 %100
83	M64	X	-8.856	-8.856	0 %100
84	M64	Z	-15.339	-15.339	0 %100
85	M68	X	-11.593	-11.593	0 %100
86	M68	Z	-20.08	-20.08	0 %100
87	M69	X	-8.856	-8.856	0 %100
88	M69	Z	-15.339	-15.339	0 %100
89	M87	X	-2.898	-2.898	0 %100
90	M87	Z	-5.02	-5.02	0 %100
91	M88A	X	-8.856	-8.856	0 %100
92	M88A	Z	-15.339	-15.339	0 %100
93	M92A	X	-2.898	-2.898	0 %100
94	M92A	Z	-5.02	-5.02	0 %100
95	M93	X	0	0	0 %100
96	M93	Z	0	0	0 %100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft.%]	End Location[ft.%]
97	M46	X	-8.695	-8.695	0	%100
98	M46	Z	-15.06	-15.06	0	%100
99	M80	X	0	0	0	%100
100	M80	Z	0	0	0	%100
101	M91	X	-9.328	-9.328	0	%100
102	M91	Z	-16.156	-16.156	0	%100
103	M55	X	0	0	0	%100
104	M55	Z	0	0	0	%100
105	M66	X	-9.328	-9.328	0	%100
106	M66	Z	-16.156	-16.156	0	%100
107	M71	X	-9.328	-9.328	0	%100
108	M71	Z	-16.156	-16.156	0	%100
109	M79A	X	-8.695	-8.695	0	%100
110	M79A	Z	-15.06	-15.06	0	%100
111	M90	X	-9.328	-9.328	0	%100
112	M90	Z	-16.156	-16.156	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	-3.753	-3.753	0	%100
116	OVP1	Z	-6.5	-6.5	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	0	0	0	%100
2	M121	Z	-674	-674	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	-2.695	-2.695	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	-674	-674	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	-3.102	-3.102	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	-776	-776	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	-776	-776	0	%100
13	M4	X	0	0	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	-2.92	-2.92	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	-2.92	-2.92	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-3.182	-3.182	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	-3.182	-3.182	0	%100
23	M53	X	0	0	0	%100
24	M53	Z	-796	-796	0	%100
25	M54	X	0	0	0	%100
26	M54	Z	-796	-796	0	%100
27	M77A	X	0	0	0	%100
28	M77A	Z	-796	-796	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	-796	-796	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	-3.102	-3.102	0	%100
33	MP4A	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
34	MP4A	Z	-3.102	-3.102	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	-3.102	-3.102	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	-3.102	-3.102	0	%100
39	MP3C	X	0	0	0	%100
40	MP3C	Z	-3.102	-3.102	0	%100
41	MP4C	X	0	0	0	%100
42	MP4C	Z	-3.102	-3.102	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	-3.102	-3.102	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	-3.102	-3.102	0	%100
47	MP3B	X	0	0	0	%100
48	MP3B	Z	-3.102	-3.102	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	-3.102	-3.102	0	%100
51	MP2B	X	0	0	0	%100
52	MP2B	Z	-3.102	-3.102	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	-3.102	-3.102	0	%100
55	M51B	X	0	0	0	%100
56	M51B	Z	-0.916	-0.916	0	%100
57	M52B	X	0	0	0	%100
58	M52B	Z	-0.916	-0.916	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-0.916	-0.916	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-3.666	-3.666	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	-3.666	-3.666	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	-0.916	-0.916	0	%100
67	M1	X	0	0	0	%100
68	M1	Z	-3.857	-3.857	0	%100
69	M82A	X	0	0	0	%100
70	M82A	Z	-0.964	-0.964	0	%100
71	M91B	X	0	0	0	%100
72	M91B	Z	-0.964	-0.964	0	%100
73	M76	X	0	0	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	-1.245	-1.245	0	%100
77	M84	X	0	0	0	%100
78	M84	Z	0	0	0	%100
79	M85	X	0	0	0	%100
80	M85	Z	-1.245	-1.245	0	%100
81	M63	X	0	0	0	%100
82	M63	Z	-3.679	-3.679	0	%100
83	M64	X	0	0	0	%100
84	M64	Z	-1.245	-1.245	0	%100
85	M68	X	0	0	0	%100
86	M68	Z	-3.679	-3.679	0	%100
87	M69	X	0	0	0	%100
88	M69	Z	-4.98	-4.98	0	%100
89	M87	X	0	0	0	%100
90	M87	Z	-3.679	-3.679	0	%100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
91	M88A	X	0	0	0	%100
92	M88A	Z	-4.98	-4.98	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	-3.679	-3.679	0	%100
95	M93	X	0	0	0	%100
96	M93	Z	-1.245	-1.245	0	%100
97	M46	X	0	0	0	%100
98	M46	Z	-4.989	-4.989	0	%100
99	M80	X	0	0	0	%100
100	M80	Z	-1.3	-1.3	0	%100
101	M91	X	0	0	0	%100
102	M91	Z	-1.3	-1.3	0	%100
103	M55	X	0	0	0	%100
104	M55	Z	-1.247	-1.247	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	-1.3	-1.3	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	-5.198	-5.198	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	-1.247	-1.247	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	-5.198	-5.198	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	-1.3	-1.3	0	%100
115	OVP1	X	0	0	0	%100
116	OVP1	Z	-2.56	-2.56	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	1.011	1.011	0	%100
2	M121	Z	-1.75	-1.75	0	%100
3	M122	X	1.011	1.011	0	%100
4	M122	Z	-1.75	-1.75	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	1.163	1.163	0	%100
8	M100	Z	-2.015	-2.015	0	%100
9	M105	X	1.163	1.163	0	%100
10	M105	Z	-2.015	-2.015	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	.487	.487	0	%100
14	M4	Z	-.843	-.843	0	%100
15	M52A	X	.487	.487	0	%100
16	M52A	Z	-.843	-.843	0	%100
17	M76A	X	1.947	1.947	0	%100
18	M76A	Z	-3.372	-3.372	0	%100
19	M10	X	1.193	1.193	0	%100
20	M10	Z	-2.067	-2.067	0	%100
21	M43	X	1.193	1.193	0	%100
22	M43	Z	-2.067	-2.067	0	%100
23	M53	X	1.193	1.193	0	%100
24	M53	Z	-2.067	-2.067	0	%100
25	M54	X	1.193	1.193	0	%100
26	M54	Z	-2.067	-2.067	0	%100
27	M77A	X	0	0	0	%100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
28	M77A	Z	0	0	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	1.551	1.551	0	%100
32	MP3A	Z	-2.686	-2.686	0	%100
33	MP4A	X	1.551	1.551	0	%100
34	MP4A	Z	-2.686	-2.686	0	%100
35	MP2A	X	1.551	1.551	0	%100
36	MP2A	Z	-2.686	-2.686	0	%100
37	MP1A	X	1.551	1.551	0	%100
38	MP1A	Z	-2.686	-2.686	0	%100
39	MP3C	X	1.551	1.551	0	%100
40	MP3C	Z	-2.686	-2.686	0	%100
41	MP4C	X	1.551	1.551	0	%100
42	MP4C	Z	-2.686	-2.686	0	%100
43	MP2C	X	1.551	1.551	0	%100
44	MP2C	Z	-2.686	-2.686	0	%100
45	MP1C	X	1.551	1.551	0	%100
46	MP1C	Z	-2.686	-2.686	0	%100
47	MP3B	X	1.551	1.551	0	%100
48	MP3B	Z	-2.686	-2.686	0	%100
49	MP4B	X	1.551	1.551	0	%100
50	MP4B	Z	-2.686	-2.686	0	%100
51	MP2B	X	1.551	1.551	0	%100
52	MP2B	Z	-2.686	-2.686	0	%100
53	MP1B	X	1.551	1.551	0	%100
54	MP1B	Z	-2.686	-2.686	0	%100
55	M51B	X	1.375	1.375	0	%100
56	M51B	Z	-2.381	-2.381	0	%100
57	M52B	X	0	0	0	%100
58	M52B	Z	0	0	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	1.375	1.375	0	%100
62	M59A	Z	-2.381	-2.381	0	%100
63	M82	X	1.375	1.375	0	%100
64	M82	Z	-2.381	-2.381	0	%100
65	M83A	X	1.375	1.375	0	%100
66	M83A	Z	-2.381	-2.381	0	%100
67	M1	X	1.446	1.446	0	%100
68	M1	Z	-2.505	-2.505	0	%100
69	M82A	X	1.446	1.446	0	%100
70	M82A	Z	-2.505	-2.505	0	%100
71	M91B	X	0	0	0	%100
72	M91B	Z	0	0	0	%100
73	M76	X	.613	.613	0	%100
74	M76	Z	-1.062	-1.062	0	%100
75	M77	X	1.868	1.868	0	%100
76	M77	Z	-3.235	-3.235	0	%100
77	M84	X	.613	.613	0	%100
78	M84	Z	-1.062	-1.062	0	%100
79	M85	X	0	0	0	%100
80	M85	Z	0	0	0	%100
81	M63	X	.613	.613	0	%100
82	M63	Z	-1.062	-1.062	0	%100
83	M64	X	0	0	0	%100
84	M64	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
85	M68	X	.613	.613	0	%100
86	M68	Z	-1.062	-1.062	0	%100
87	M69	X	1.868	1.868	0	%100
88	M69	Z	-3.235	-3.235	0	%100
89	M87	X	2.453	2.453	0	%100
90	M87	Z	-4.248	-4.248	0	%100
91	M88A	X	1.868	1.868	0	%100
92	M88A	Z	-3.235	-3.235	0	%100
93	M92A	X	2.453	2.453	0	%100
94	M92A	Z	-4.248	-4.248	0	%100
95	M93	X	1.868	1.868	0	%100
96	M93	Z	-3.235	-3.235	0	%100
97	M46	X	1.871	1.871	0	%100
98	M46	Z	-3.241	-3.241	0	%100
99	M80	X	1.949	1.949	0	%100
100	M80	Z	-3.376	-3.376	0	%100
101	M91	X	0	0	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	1.871	1.871	0	%100
104	M55	Z	-3.241	-3.241	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	1.949	1.949	0	%100
108	M71	Z	-3.376	-3.376	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	1.949	1.949	0	%100
112	M90	Z	-3.376	-3.376	0	%100
113	M95	X	1.949	1.949	0	%100
114	M95	Z	-3.376	-3.376	0	%100
115	OVP1	X	1.28	1.28	0	%100
116	OVP1	Z	-2.217	-2.217	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M121	X	2.334	2.334	0	%100
2	M121	Z	-1.348	-1.348	0	%100
3	M122	X	.583	.583	0	%100
4	M122	Z	-.337	-.337	0	%100
5	M123	X	.583	.583	0	%100
6	M123	Z	-.337	-.337	0	%100
7	M100	X	.672	.672	0	%100
8	M100	Z	-.388	-.388	0	%100
9	M105	X	2.686	2.686	0	%100
10	M105	Z	-1.551	-1.551	0	%100
11	M106	X	.672	.672	0	%100
12	M106	Z	-.388	-.388	0	%100
13	M4	X	2.529	2.529	0	%100
14	M4	Z	-1.46	-1.46	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	2.529	2.529	0	%100
18	M76A	Z	-1.46	-1.46	0	%100
19	M10	X	.689	.689	0	%100
20	M10	Z	-.398	-.398	0	%100
21	M43	X	.689	.689	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
22	M43	Z	-.398	-.398	0 %100
23	M53	X	2.756	2.756	0 %100
24	M53	Z	-1.591	-1.591	0 %100
25	M54	X	2.756	2.756	0 %100
26	M54	Z	-1.591	-1.591	0 %100
27	M77A	X	.689	.689	0 %100
28	M77A	Z	-.398	-.398	0 %100
29	M78	X	.689	.689	0 %100
30	M78	Z	-.398	-.398	0 %100
31	MP3A	X	2.686	2.686	0 %100
32	MP3A	Z	-1.551	-1.551	0 %100
33	MP4A	X	2.686	2.686	0 %100
34	MP4A	Z	-1.551	-1.551	0 %100
35	MP2A	X	2.686	2.686	0 %100
36	MP2A	Z	-1.551	-1.551	0 %100
37	MP1A	X	2.686	2.686	0 %100
38	MP1A	Z	-1.551	-1.551	0 %100
39	MP3C	X	2.686	2.686	0 %100
40	MP3C	Z	-1.551	-1.551	0 %100
41	MP4C	X	2.686	2.686	0 %100
42	MP4C	Z	-1.551	-1.551	0 %100
43	MP2C	X	2.686	2.686	0 %100
44	MP2C	Z	-1.551	-1.551	0 %100
45	MP1C	X	2.686	2.686	0 %100
46	MP1C	Z	-1.551	-1.551	0 %100
47	MP3B	X	2.686	2.686	0 %100
48	MP3B	Z	-1.551	-1.551	0 %100
49	MP4B	X	2.686	2.686	0 %100
50	MP4B	Z	-1.551	-1.551	0 %100
51	MP2B	X	2.686	2.686	0 %100
52	MP2B	Z	-1.551	-1.551	0 %100
53	MP1B	X	2.686	2.686	0 %100
54	MP1B	Z	-1.551	-1.551	0 %100
55	M51B	X	3.175	3.175	0 %100
56	M51B	Z	-1.833	-1.833	0 %100
57	M52B	X	.794	.794	0 %100
58	M52B	Z	-.458	-.458	0 %100
59	M58A	X	.794	.794	0 %100
60	M58A	Z	-.458	-.458	0 %100
61	M59A	X	.794	.794	0 %100
62	M59A	Z	-.458	-.458	0 %100
63	M82	X	.794	.794	0 %100
64	M82	Z	-.458	-.458	0 %100
65	M83A	X	3.175	3.175	0 %100
66	M83A	Z	-1.833	-1.833	0 %100
67	M1	X	.835	.835	0 %100
68	M1	Z	-.482	-.482	0 %100
69	M82A	X	3.34	3.34	0 %100
70	M82A	Z	-1.928	-1.928	0 %100
71	M91B	X	.835	.835	0 %100
72	M91B	Z	-.482	-.482	0 %100
73	M76	X	3.186	3.186	0 %100
74	M76	Z	-1.84	-1.84	0 %100
75	M77	X	4.313	4.313	0 %100
76	M77	Z	-2.49	-2.49	0 %100
77	M84	X	3.186	3.186	0 %100
78	M84	Z	-1.84	-1.84	0 %100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%,]	End Location[ft.%,]
79	M85	X	1.078	1.078	0	%100
80	M85	Z	-0.623	-0.623	0	%100
81	M63	X	0	0	0	%100
82	M63	Z	0	0	0	%100
83	M64	X	1.078	1.078	0	%100
84	M64	Z	-0.623	-0.623	0	%100
85	M68	X	0	0	0	%100
86	M68	Z	0	0	0	%100
87	M69	X	1.078	1.078	0	%100
88	M69	Z	-0.623	-0.623	0	%100
89	M87	X	3.186	3.186	0	%100
90	M87	Z	-1.84	-1.84	0	%100
91	M88A	X	1.078	1.078	0	%100
92	M88A	Z	-0.623	-0.623	0	%100
93	M92A	X	3.186	3.186	0	%100
94	M92A	Z	-1.84	-1.84	0	%100
95	M93	X	4.313	4.313	0	%100
96	M93	Z	-2.49	-2.49	0	%100
97	M46	X	1.08	1.08	0	%100
98	M46	Z	-0.624	-0.624	0	%100
99	M80	X	4.502	4.502	0	%100
100	M80	Z	-2.599	-2.599	0	%100
101	M91	X	1.125	1.125	0	%100
102	M91	Z	-0.65	-0.65	0	%100
103	M55	X	4.321	4.321	0	%100
104	M55	Z	-2.495	-2.495	0	%100
105	M66	X	1.125	1.125	0	%100
106	M66	Z	-0.65	-0.65	0	%100
107	M71	X	1.125	1.125	0	%100
108	M71	Z	-0.65	-0.65	0	%100
109	M79A	X	1.08	1.08	0	%100
110	M79A	Z	-0.624	-0.624	0	%100
111	M90	X	1.125	1.125	0	%100
112	M90	Z	-0.65	-0.65	0	%100
113	M95	X	4.502	4.502	0	%100
114	M95	Z	-2.599	-2.599	0	%100
115	OVP1	X	2.217	2.217	0	%100
116	OVP1	Z	-1.28	-1.28	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%,]	End Location[ft.%,]
1	M121	X	2.021	2.021	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	0	0	0	%100
5	M123	X	2.021	2.021	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	0	0	0	%100
9	M105	X	2.327	2.327	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	2.327	2.327	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	3.894	3.894	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	.973	.973	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
16	M52A	Z	0	0	0	%100
17	M76A	X	.973	.973	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	0	0	0	%100
23	M53	X	2.387	2.387	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	2.387	2.387	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	2.387	2.387	0	%100
28	M77A	Z	0	0	0	%100
29	M78	X	2.387	2.387	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	3.102	3.102	0	%100
32	MP3A	Z	0	0	0	%100
33	MP4A	X	3.102	3.102	0	%100
34	MP4A	Z	0	0	0	%100
35	MP2A	X	3.102	3.102	0	%100
36	MP2A	Z	0	0	0	%100
37	MP1A	X	3.102	3.102	0	%100
38	MP1A	Z	0	0	0	%100
39	MP3C	X	3.102	3.102	0	%100
40	MP3C	Z	0	0	0	%100
41	MP4C	X	3.102	3.102	0	%100
42	MP4C	Z	0	0	0	%100
43	MP2C	X	3.102	3.102	0	%100
44	MP2C	Z	0	0	0	%100
45	MP1C	X	3.102	3.102	0	%100
46	MP1C	Z	0	0	0	%100
47	MP3B	X	3.102	3.102	0	%100
48	MP3B	Z	0	0	0	%100
49	MP4B	X	3.102	3.102	0	%100
50	MP4B	Z	0	0	0	%100
51	MP2B	X	3.102	3.102	0	%100
52	MP2B	Z	0	0	0	%100
53	MP1B	X	3.102	3.102	0	%100
54	MP1B	Z	0	0	0	%100
55	M51B	X	2.749	2.749	0	%100
56	M51B	Z	0	0	0	%100
57	M52B	X	2.749	2.749	0	%100
58	M52B	Z	0	0	0	%100
59	M58A	X	2.749	2.749	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	0	0	0	%100
65	M83A	X	2.749	2.749	0	%100
66	M83A	Z	0	0	0	%100
67	M1	X	0	0	0	%100
68	M1	Z	0	0	0	%100
69	M82A	X	2.893	2.893	0	%100
70	M82A	Z	0	0	0	%100
71	M91B	X	2.893	2.893	0	%100
72	M91B	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
73	M76	X	4.905	4.905	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	3.735	3.735	0	%100
76	M77	Z	0	0	0	%100
77	M84	X	4.905	4.905	0	%100
78	M84	Z	0	0	0	%100
79	M85	X	3.735	3.735	0	%100
80	M85	Z	0	0	0	%100
81	M63	X	1.226	1.226	0	%100
82	M63	Z	0	0	0	%100
83	M64	X	3.735	3.735	0	%100
84	M64	Z	0	0	0	%100
85	M68	X	1.226	1.226	0	%100
86	M68	Z	0	0	0	%100
87	M69	X	0	0	0	%100
88	M69	Z	0	0	0	%100
89	M87	X	1.226	1.226	0	%100
90	M87	Z	0	0	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	0	0	0	%100
93	M92A	X	1.226	1.226	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	3.735	3.735	0	%100
96	M93	Z	0	0	0	%100
97	M46	X	0	0	0	%100
98	M46	Z	0	0	0	%100
99	M80	X	3.899	3.899	0	%100
100	M80	Z	0	0	0	%100
101	M91	X	3.899	3.899	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	3.742	3.742	0	%100
104	M55	Z	0	0	0	%100
105	M66	X	3.899	3.899	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	0	0	0	%100
109	M79A	X	3.742	3.742	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	0	0	0	%100
113	M95	X	3.899	3.899	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	2.56	2.56	0	%100
116	OVP1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	.583	.583	0	%100
2	M121	Z	.337	.337	0	%100
3	M122	X	.583	.583	0	%100
4	M122	Z	.337	.337	0	%100
5	M123	X	2.334	2.334	0	%100
6	M123	Z	1.348	1.348	0	%100
7	M100	X	.672	.672	0	%100
8	M100	Z	.388	.388	0	%100
9	M105	X	.672	.672	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
10	M105	Z	.388	.388	0	%100
11	M106	X	2.686	2.686	0	%100
12	M106	Z	1.551	1.551	0	%100
13	M4	X	2.529	2.529	0	%100
14	M4	Z	1.46	1.46	0	%100
15	M52A	X	2.529	2.529	0	%100
16	M52A	Z	1.46	1.46	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	.689	.689	0	%100
20	M10	Z	.398	.398	0	%100
21	M43	X	.689	.689	0	%100
22	M43	Z	.398	.398	0	%100
23	M53	X	.689	.689	0	%100
24	M53	Z	.398	.398	0	%100
25	M54	X	.689	.689	0	%100
26	M54	Z	.398	.398	0	%100
27	M77A	X	2.756	2.756	0	%100
28	M77A	Z	1.591	1.591	0	%100
29	M78	X	2.756	2.756	0	%100
30	M78	Z	1.591	1.591	0	%100
31	MP3A	X	2.686	2.686	0	%100
32	MP3A	Z	1.551	1.551	0	%100
33	MP4A	X	2.686	2.686	0	%100
34	MP4A	Z	1.551	1.551	0	%100
35	MP2A	X	2.686	2.686	0	%100
36	MP2A	Z	1.551	1.551	0	%100
37	MP1A	X	2.686	2.686	0	%100
38	MP1A	Z	1.551	1.551	0	%100
39	MP3C	X	2.686	2.686	0	%100
40	MP3C	Z	1.551	1.551	0	%100
41	MP4C	X	2.686	2.686	0	%100
42	MP4C	Z	1.551	1.551	0	%100
43	MP2C	X	2.686	2.686	0	%100
44	MP2C	Z	1.551	1.551	0	%100
45	MP1C	X	2.686	2.686	0	%100
46	MP1C	Z	1.551	1.551	0	%100
47	MP3B	X	2.686	2.686	0	%100
48	MP3B	Z	1.551	1.551	0	%100
49	MP4B	X	2.686	2.686	0	%100
50	MP4B	Z	1.551	1.551	0	%100
51	MP2B	X	2.686	2.686	0	%100
52	MP2B	Z	1.551	1.551	0	%100
53	MP1B	X	2.686	2.686	0	%100
54	MP1B	Z	1.551	1.551	0	%100
55	M51B	X	.794	.794	0	%100
56	M51B	Z	.458	.458	0	%100
57	M52B	X	3.175	3.175	0	%100
58	M52B	Z	1.833	1.833	0	%100
59	M58A	X	3.175	3.175	0	%100
60	M58A	Z	1.833	1.833	0	%100
61	M59A	X	.794	.794	0	%100
62	M59A	Z	.458	.458	0	%100
63	M82	X	.794	.794	0	%100
64	M82	Z	.458	.458	0	%100
65	M83A	X	.794	.794	0	%100
66	M83A	Z	.458	.458	0	%100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
67	M1	X	.835	.835	0	%100
68	M1	Z	.482	.482	0	%100
69	M82A	X	.835	.835	0	%100
70	M82A	Z	.482	.482	0	%100
71	M91B	X	3.34	3.34	0	%100
72	M91B	Z	1.928	1.928	0	%100
73	M76	X	3.186	3.186	0	%100
74	M76	Z	1.84	1.84	0	%100
75	M77	X	1.078	1.078	0	%100
76	M77	Z	.623	.623	0	%100
77	M84	X	3.186	3.186	0	%100
78	M84	Z	1.84	1.84	0	%100
79	M85	X	4.313	4.313	0	%100
80	M85	Z	2.49	2.49	0	%100
81	M63	X	3.186	3.186	0	%100
82	M63	Z	1.84	1.84	0	%100
83	M64	X	4.313	4.313	0	%100
84	M64	Z	2.49	2.49	0	%100
85	M68	X	3.186	3.186	0	%100
86	M68	Z	1.84	1.84	0	%100
87	M69	X	1.078	1.078	0	%100
88	M69	Z	.623	.623	0	%100
89	M87	X	0	0	0	%100
90	M87	Z	0	0	0	%100
91	M88A	X	1.078	1.078	0	%100
92	M88A	Z	.623	.623	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	1.078	1.078	0	%100
96	M93	Z	.623	.623	0	%100
97	M46	X	1.08	1.08	0	%100
98	M46	Z	.624	.624	0	%100
99	M80	X	1.125	1.125	0	%100
100	M80	Z	.65	.65	0	%100
101	M91	X	4.502	4.502	0	%100
102	M91	Z	2.599	2.599	0	%100
103	M55	X	1.08	1.08	0	%100
104	M55	Z	.624	.624	0	%100
105	M66	X	4.502	4.502	0	%100
106	M66	Z	2.599	2.599	0	%100
107	M71	X	1.125	1.125	0	%100
108	M71	Z	.65	.65	0	%100
109	M79A	X	4.321	4.321	0	%100
110	M79A	Z	2.495	2.495	0	%100
111	M90	X	1.125	1.125	0	%100
112	M90	Z	.65	.65	0	%100
113	M95	X	1.125	1.125	0	%100
114	M95	Z	.65	.65	0	%100
115	OVP1	X	2.217	2.217	0	%100
116	OVP1	Z	1.28	1.28	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	0	0	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	1.011	1.011	0	%100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
4	M122	Z	1.75	1.75	0	%100
5	M123	X	1.011	1.011	0	%100
6	M123	Z	1.75	1.75	0	%100
7	M100	X	1.163	1.163	0	%100
8	M100	Z	2.015	2.015	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	1.163	1.163	0	%100
12	M106	Z	2.015	2.015	0	%100
13	M4	X	.487	.487	0	%100
14	M4	Z	.843	.843	0	%100
15	M52A	X	1.947	1.947	0	%100
16	M52A	Z	3.372	3.372	0	%100
17	M76A	X	.487	.487	0	%100
18	M76A	Z	.843	.843	0	%100
19	M10	X	1.193	1.193	0	%100
20	M10	Z	2.067	2.067	0	%100
21	M43	X	1.193	1.193	0	%100
22	M43	Z	2.067	2.067	0	%100
23	M53	X	0	0	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	0	0	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	1.193	1.193	0	%100
28	M77A	Z	2.067	2.067	0	%100
29	M78	X	1.193	1.193	0	%100
30	M78	Z	2.067	2.067	0	%100
31	MP3A	X	1.551	1.551	0	%100
32	MP3A	Z	2.686	2.686	0	%100
33	MP4A	X	1.551	1.551	0	%100
34	MP4A	Z	2.686	2.686	0	%100
35	MP2A	X	1.551	1.551	0	%100
36	MP2A	Z	2.686	2.686	0	%100
37	MP1A	X	1.551	1.551	0	%100
38	MP1A	Z	2.686	2.686	0	%100
39	MP3C	X	1.551	1.551	0	%100
40	MP3C	Z	2.686	2.686	0	%100
41	MP4C	X	1.551	1.551	0	%100
42	MP4C	Z	2.686	2.686	0	%100
43	MP2C	X	1.551	1.551	0	%100
44	MP2C	Z	2.686	2.686	0	%100
45	MP1C	X	1.551	1.551	0	%100
46	MP1C	Z	2.686	2.686	0	%100
47	MP3B	X	1.551	1.551	0	%100
48	MP3B	Z	2.686	2.686	0	%100
49	MP4B	X	1.551	1.551	0	%100
50	MP4B	Z	2.686	2.686	0	%100
51	MP2B	X	1.551	1.551	0	%100
52	MP2B	Z	2.686	2.686	0	%100
53	MP1B	X	1.551	1.551	0	%100
54	MP1B	Z	2.686	2.686	0	%100
55	M51B	X	0	0	0	%100
56	M51B	Z	0	0	0	%100
57	M52B	X	1.375	1.375	0	%100
58	M52B	Z	2.381	2.381	0	%100
59	M58A	X	1.375	1.375	0	%100
60	M58A	Z	2.381	2.381	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
61	M59A	X	1.375	1.375	0 %100
62	M59A	Z	2.381	2.381	0 %100
63	M82	X	1.375	1.375	0 %100
64	M82	Z	2.381	2.381	0 %100
65	M83A	X	0	0	0 %100
66	M83A	Z	0	0	0 %100
67	M1	X	1.446	1.446	0 %100
68	M1	Z	2.505	2.505	0 %100
69	M82A	X	0	0	0 %100
70	M82A	Z	0	0	0 %100
71	M91B	X	1.446	1.446	0 %100
72	M91B	Z	2.505	2.505	0 %100
73	M76	X	.613	.613	0 %100
74	M76	Z	1.062	1.062	0 %100
75	M77	X	0	0	0 %100
76	M77	Z	0	0	0 %100
77	M84	X	.613	.613	0 %100
78	M84	Z	1.062	1.062	0 %100
79	M85	X	1.868	1.868	0 %100
80	M85	Z	3.235	3.235	0 %100
81	M63	X	2.453	2.453	0 %100
82	M63	Z	4.248	4.248	0 %100
83	M64	X	1.868	1.868	0 %100
84	M64	Z	3.235	3.235	0 %100
85	M68	X	2.453	2.453	0 %100
86	M68	Z	4.248	4.248	0 %100
87	M69	X	1.868	1.868	0 %100
88	M69	Z	3.235	3.235	0 %100
89	M87	X	.613	.613	0 %100
90	M87	Z	1.062	1.062	0 %100
91	M88A	X	1.868	1.868	0 %100
92	M88A	Z	3.235	3.235	0 %100
93	M92A	X	.613	.613	0 %100
94	M92A	Z	1.062	1.062	0 %100
95	M93	X	0	0	0 %100
96	M93	Z	0	0	0 %100
97	M46	X	1.871	1.871	0 %100
98	M46	Z	3.241	3.241	0 %100
99	M80	X	0	0	0 %100
100	M80	Z	0	0	0 %100
101	M91	X	1.949	1.949	0 %100
102	M91	Z	3.376	3.376	0 %100
103	M55	X	0	0	0 %100
104	M55	Z	0	0	0 %100
105	M66	X	1.949	1.949	0 %100
106	M66	Z	3.376	3.376	0 %100
107	M71	X	1.949	1.949	0 %100
108	M71	Z	3.376	3.376	0 %100
109	M79A	X	1.871	1.871	0 %100
110	M79A	Z	3.241	3.241	0 %100
111	M90	X	1.949	1.949	0 %100
112	M90	Z	3.376	3.376	0 %100
113	M95	X	0	0	0 %100
114	M95	Z	0	0	0 %100
115	OVP1	X	1.28	1.28	0 %100
116	OVP1	Z	2.217	2.217	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	0	0	0	%100
2	M121	Z	.674	.674	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	2.695	2.695	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	.674	.674	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	3.102	3.102	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	.776	.776	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	.776	.776	0	%100
13	M4	X	0	0	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	2.92	2.92	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	2.92	2.92	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	3.182	3.182	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	3.182	3.182	0	%100
23	M53	X	0	0	0	%100
24	M53	Z	.796	.796	0	%100
25	M54	X	0	0	0	%100
26	M54	Z	.796	.796	0	%100
27	M77A	X	0	0	0	%100
28	M77A	Z	.796	.796	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	.796	.796	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	3.102	3.102	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	3.102	3.102	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	3.102	3.102	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	3.102	3.102	0	%100
39	MP3C	X	0	0	0	%100
40	MP3C	Z	3.102	3.102	0	%100
41	MP4C	X	0	0	0	%100
42	MP4C	Z	3.102	3.102	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	3.102	3.102	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	3.102	3.102	0	%100
47	MP3B	X	0	0	0	%100
48	MP3B	Z	3.102	3.102	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	3.102	3.102	0	%100
51	MP2B	X	0	0	0	%100
52	MP2B	Z	3.102	3.102	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	3.102	3.102	0	%100
55	M51B	X	0	0	0	%100
56	M51B	Z	.916	.916	0	%100
57	M52B	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
58	M52B	Z	.916	.916	0 %100
59	M58A	X	0	0	0 %100
60	M58A	Z	.916	.916	0 %100
61	M59A	X	0	0	0 %100
62	M59A	Z	3.666	3.666	0 %100
63	M82	X	0	0	0 %100
64	M82	Z	3.666	3.666	0 %100
65	M83A	X	0	0	0 %100
66	M83A	Z	.916	.916	0 %100
67	M1	X	0	0	0 %100
68	M1	Z	3.857	3.857	0 %100
69	M82A	X	0	0	0 %100
70	M82A	Z	.964	.964	0 %100
71	M91B	X	0	0	0 %100
72	M91B	Z	.964	.964	0 %100
73	M76	X	0	0	0 %100
74	M76	Z	0	0	0 %100
75	M77	X	0	0	0 %100
76	M77	Z	1.245	1.245	0 %100
77	M84	X	0	0	0 %100
78	M84	Z	0	0	0 %100
79	M85	X	0	0	0 %100
80	M85	Z	1.245	1.245	0 %100
81	M63	X	0	0	0 %100
82	M63	Z	3.679	3.679	0 %100
83	M64	X	0	0	0 %100
84	M64	Z	1.245	1.245	0 %100
85	M68	X	0	0	0 %100
86	M68	Z	3.679	3.679	0 %100
87	M69	X	0	0	0 %100
88	M69	Z	4.98	4.98	0 %100
89	M87	X	0	0	0 %100
90	M87	Z	3.679	3.679	0 %100
91	M88A	X	0	0	0 %100
92	M88A	Z	4.98	4.98	0 %100
93	M92A	X	0	0	0 %100
94	M92A	Z	3.679	3.679	0 %100
95	M93	X	0	0	0 %100
96	M93	Z	1.245	1.245	0 %100
97	M46	X	0	0	0 %100
98	M46	Z	4.989	4.989	0 %100
99	M80	X	0	0	0 %100
100	M80	Z	1.3	1.3	0 %100
101	M91	X	0	0	0 %100
102	M91	Z	1.3	1.3	0 %100
103	M55	X	0	0	0 %100
104	M55	Z	1.247	1.247	0 %100
105	M66	X	0	0	0 %100
106	M66	Z	1.3	1.3	0 %100
107	M71	X	0	0	0 %100
108	M71	Z	5.198	5.198	0 %100
109	M79A	X	0	0	0 %100
110	M79A	Z	1.247	1.247	0 %100
111	M90	X	0	0	0 %100
112	M90	Z	5.198	5.198	0 %100
113	M95	X	0	0	0 %100
114	M95	Z	1.3	1.3	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
115	OVP1	X	0	0	0	%100
116	OVP1	Z	2.56	2.56	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	-1.011	-1.011	0	%100
2	M121	Z	1.75	1.75	0	%100
3	M122	X	-1.011	-1.011	0	%100
4	M122	Z	1.75	1.75	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	-1.163	-1.163	0	%100
8	M100	Z	2.015	2.015	0	%100
9	M105	X	-1.163	-1.163	0	%100
10	M105	Z	2.015	2.015	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	-.487	-.487	0	%100
14	M4	Z	.843	.843	0	%100
15	M52A	X	-.487	-.487	0	%100
16	M52A	Z	.843	.843	0	%100
17	M76A	X	-1.947	-1.947	0	%100
18	M76A	Z	3.372	3.372	0	%100
19	M10	X	-1.193	-1.193	0	%100
20	M10	Z	2.067	2.067	0	%100
21	M43	X	-1.193	-1.193	0	%100
22	M43	Z	2.067	2.067	0	%100
23	M53	X	-1.193	-1.193	0	%100
24	M53	Z	2.067	2.067	0	%100
25	M54	X	-1.193	-1.193	0	%100
26	M54	Z	2.067	2.067	0	%100
27	M77A	X	0	0	0	%100
28	M77A	Z	0	0	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	-1.551	-1.551	0	%100
32	MP3A	Z	2.686	2.686	0	%100
33	MP4A	X	-1.551	-1.551	0	%100
34	MP4A	Z	2.686	2.686	0	%100
35	MP2A	X	-1.551	-1.551	0	%100
36	MP2A	Z	2.686	2.686	0	%100
37	MP1A	X	-1.551	-1.551	0	%100
38	MP1A	Z	2.686	2.686	0	%100
39	MP3C	X	-1.551	-1.551	0	%100
40	MP3C	Z	2.686	2.686	0	%100
41	MP4C	X	-1.551	-1.551	0	%100
42	MP4C	Z	2.686	2.686	0	%100
43	MP2C	X	-1.551	-1.551	0	%100
44	MP2C	Z	2.686	2.686	0	%100
45	MP1C	X	-1.551	-1.551	0	%100
46	MP1C	Z	2.686	2.686	0	%100
47	MP3B	X	-1.551	-1.551	0	%100
48	MP3B	Z	2.686	2.686	0	%100
49	MP4B	X	-1.551	-1.551	0	%100
50	MP4B	Z	2.686	2.686	0	%100
51	MP2B	X	-1.551	-1.551	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
52	MP2B	Z	2.686	2.686	0 %100
53	MP1B	X	-1.551	-1.551	0 %100
54	MP1B	Z	2.686	2.686	0 %100
55	M51B	X	-1.375	-1.375	0 %100
56	M51B	Z	2.381	2.381	0 %100
57	M52B	X	0	0	0 %100
58	M52B	Z	0	0	0 %100
59	M58A	X	0	0	0 %100
60	M58A	Z	0	0	0 %100
61	M59A	X	-1.375	-1.375	0 %100
62	M59A	Z	2.381	2.381	0 %100
63	M82	X	-1.375	-1.375	0 %100
64	M82	Z	2.381	2.381	0 %100
65	M83A	X	-1.375	-1.375	0 %100
66	M83A	Z	2.381	2.381	0 %100
67	M1	X	-1.446	-1.446	0 %100
68	M1	Z	2.505	2.505	0 %100
69	M82A	X	-1.446	-1.446	0 %100
70	M82A	Z	2.505	2.505	0 %100
71	M91B	X	0	0	0 %100
72	M91B	Z	0	0	0 %100
73	M76	X	-.613	-.613	0 %100
74	M76	Z	1.062	1.062	0 %100
75	M77	X	-1.868	-1.868	0 %100
76	M77	Z	3.235	3.235	0 %100
77	M84	X	-.613	-.613	0 %100
78	M84	Z	1.062	1.062	0 %100
79	M85	X	0	0	0 %100
80	M85	Z	0	0	0 %100
81	M63	X	-.613	-.613	0 %100
82	M63	Z	1.062	1.062	0 %100
83	M64	X	0	0	0 %100
84	M64	Z	0	0	0 %100
85	M68	X	-.613	-.613	0 %100
86	M68	Z	1.062	1.062	0 %100
87	M69	X	-1.868	-1.868	0 %100
88	M69	Z	3.235	3.235	0 %100
89	M87	X	-2.453	-2.453	0 %100
90	M87	Z	4.248	4.248	0 %100
91	M88A	X	-1.868	-1.868	0 %100
92	M88A	Z	3.235	3.235	0 %100
93	M92A	X	-2.453	-2.453	0 %100
94	M92A	Z	4.248	4.248	0 %100
95	M93	X	-1.868	-1.868	0 %100
96	M93	Z	3.235	3.235	0 %100
97	M46	X	-1.871	-1.871	0 %100
98	M46	Z	3.241	3.241	0 %100
99	M80	X	-1.949	-1.949	0 %100
100	M80	Z	3.376	3.376	0 %100
101	M91	X	0	0	0 %100
102	M91	Z	0	0	0 %100
103	M55	X	-1.871	-1.871	0 %100
104	M55	Z	3.241	3.241	0 %100
105	M66	X	0	0	0 %100
106	M66	Z	0	0	0 %100
107	M71	X	-1.949	-1.949	0 %100
108	M71	Z	3.376	3.376	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%,]	End Location[ft.%,]
109	M79A	X	0	0	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	-1.949	-1.949	0	%100
112	M90	Z	3.376	3.376	0	%100
113	M95	X	-1.949	-1.949	0	%100
114	M95	Z	3.376	3.376	0	%100
115	OVP1	X	-1.28	-1.28	0	%100
116	OVP1	Z	2.217	2.217	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%,]	End Location[ft.%,]
1	M121	X	-2.334	-2.334	0	%100
2	M121	Z	1.348	1.348	0	%100
3	M122	X	-.583	-.583	0	%100
4	M122	Z	.337	.337	0	%100
5	M123	X	-.583	-.583	0	%100
6	M123	Z	.337	.337	0	%100
7	M100	X	-.672	-.672	0	%100
8	M100	Z	.388	.388	0	%100
9	M105	X	-2.686	-2.686	0	%100
10	M105	Z	1.551	1.551	0	%100
11	M106	X	-.672	-.672	0	%100
12	M106	Z	.388	.388	0	%100
13	M4	X	-2.529	-2.529	0	%100
14	M4	Z	1.46	1.46	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	-2.529	-2.529	0	%100
18	M76A	Z	1.46	1.46	0	%100
19	M10	X	-.689	-.689	0	%100
20	M10	Z	.398	.398	0	%100
21	M43	X	-.689	-.689	0	%100
22	M43	Z	.398	.398	0	%100
23	M53	X	-2.756	-2.756	0	%100
24	M53	Z	1.591	1.591	0	%100
25	M54	X	-2.756	-2.756	0	%100
26	M54	Z	1.591	1.591	0	%100
27	M77A	X	-.689	-.689	0	%100
28	M77A	Z	.398	.398	0	%100
29	M78	X	-.689	-.689	0	%100
30	M78	Z	.398	.398	0	%100
31	MP3A	X	-2.686	-2.686	0	%100
32	MP3A	Z	1.551	1.551	0	%100
33	MP4A	X	-2.686	-2.686	0	%100
34	MP4A	Z	1.551	1.551	0	%100
35	MP2A	X	-2.686	-2.686	0	%100
36	MP2A	Z	1.551	1.551	0	%100
37	MP1A	X	-2.686	-2.686	0	%100
38	MP1A	Z	1.551	1.551	0	%100
39	MP3C	X	-2.686	-2.686	0	%100
40	MP3C	Z	1.551	1.551	0	%100
41	MP4C	X	-2.686	-2.686	0	%100
42	MP4C	Z	1.551	1.551	0	%100
43	MP2C	X	-2.686	-2.686	0	%100
44	MP2C	Z	1.551	1.551	0	%100
45	MP1C	X	-2.686	-2.686	0	%100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
46	MP1C	Z	1.551	1.551	0	%100
47	MP3B	X	-2.686	-2.686	0	%100
48	MP3B	Z	1.551	1.551	0	%100
49	MP4B	X	-2.686	-2.686	0	%100
50	MP4B	Z	1.551	1.551	0	%100
51	MP2B	X	-2.686	-2.686	0	%100
52	MP2B	Z	1.551	1.551	0	%100
53	MP1B	X	-2.686	-2.686	0	%100
54	MP1B	Z	1.551	1.551	0	%100
55	M51B	X	-3.175	-3.175	0	%100
56	M51B	Z	1.833	1.833	0	%100
57	M52B	X	-.794	-.794	0	%100
58	M52B	Z	.458	.458	0	%100
59	M58A	X	-.794	-.794	0	%100
60	M58A	Z	.458	.458	0	%100
61	M59A	X	-.794	-.794	0	%100
62	M59A	Z	.458	.458	0	%100
63	M82	X	-.794	-.794	0	%100
64	M82	Z	.458	.458	0	%100
65	M83A	X	-3.175	-3.175	0	%100
66	M83A	Z	1.833	1.833	0	%100
67	M1	X	-.835	-.835	0	%100
68	M1	Z	.482	.482	0	%100
69	M82A	X	-3.34	-3.34	0	%100
70	M82A	Z	1.928	1.928	0	%100
71	M91B	X	-.835	-.835	0	%100
72	M91B	Z	.482	.482	0	%100
73	M76	X	-3.186	-3.186	0	%100
74	M76	Z	1.84	1.84	0	%100
75	M77	X	-4.313	-4.313	0	%100
76	M77	Z	2.49	2.49	0	%100
77	M84	X	-3.186	-3.186	0	%100
78	M84	Z	1.84	1.84	0	%100
79	M85	X	-1.078	-1.078	0	%100
80	M85	Z	.623	.623	0	%100
81	M63	X	0	0	0	%100
82	M63	Z	0	0	0	%100
83	M64	X	-1.078	-1.078	0	%100
84	M64	Z	.623	.623	0	%100
85	M68	X	0	0	0	%100
86	M68	Z	0	0	0	%100
87	M69	X	-1.078	-1.078	0	%100
88	M69	Z	.623	.623	0	%100
89	M87	X	-3.186	-3.186	0	%100
90	M87	Z	1.84	1.84	0	%100
91	M88A	X	-1.078	-1.078	0	%100
92	M88A	Z	.623	.623	0	%100
93	M92A	X	-3.186	-3.186	0	%100
94	M92A	Z	1.84	1.84	0	%100
95	M93	X	-4.313	-4.313	0	%100
96	M93	Z	2.49	2.49	0	%100
97	M46	X	-1.08	-1.08	0	%100
98	M46	Z	.624	.624	0	%100
99	M80	X	-4.502	-4.502	0	%100
100	M80	Z	2.599	2.599	0	%100
101	M91	X	-1.125	-1.125	0	%100
102	M91	Z	.65	.65	0	%100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
103	M55	X	-4.321	-4.321	0	%100
104	M55	Z	2.495	2.495	0	%100
105	M66	X	-1.125	-1.125	0	%100
106	M66	Z	.65	.65	0	%100
107	M71	X	-1.125	-1.125	0	%100
108	M71	Z	.65	.65	0	%100
109	M79A	X	-1.08	-1.08	0	%100
110	M79A	Z	.624	.624	0	%100
111	M90	X	-1.125	-1.125	0	%100
112	M90	Z	.65	.65	0	%100
113	M95	X	-4.502	-4.502	0	%100
114	M95	Z	2.599	2.599	0	%100
115	OVP1	X	-2.217	-2.217	0	%100
116	OVP1	Z	1.28	1.28	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	-2.021	-2.021	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	0	0	0	%100
5	M123	X	-2.021	-2.021	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	0	0	0	%100
9	M105	X	-2.327	-2.327	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	-2.327	-2.327	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	-3.894	-3.894	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	-.973	-.973	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	-.973	-.973	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	0	0	0	%100
23	M53	X	-2.387	-2.387	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	-2.387	-2.387	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	-2.387	-2.387	0	%100
28	M77A	Z	0	0	0	%100
29	M78	X	-2.387	-2.387	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	-3.102	-3.102	0	%100
32	MP3A	Z	0	0	0	%100
33	MP4A	X	-3.102	-3.102	0	%100
34	MP4A	Z	0	0	0	%100
35	MP2A	X	-3.102	-3.102	0	%100
36	MP2A	Z	0	0	0	%100
37	MP1A	X	-3.102	-3.102	0	%100
38	MP1A	Z	0	0	0	%100
39	MP3C	X	-3.102	-3.102	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
40	MP3C	Z	0	0	0	%100
41	MP4C	X	-3.102	-3.102	0	%100
42	MP4C	Z	0	0	0	%100
43	MP2C	X	-3.102	-3.102	0	%100
44	MP2C	Z	0	0	0	%100
45	MP1C	X	-3.102	-3.102	0	%100
46	MP1C	Z	0	0	0	%100
47	MP3B	X	-3.102	-3.102	0	%100
48	MP3B	Z	0	0	0	%100
49	MP4B	X	-3.102	-3.102	0	%100
50	MP4B	Z	0	0	0	%100
51	MP2B	X	-3.102	-3.102	0	%100
52	MP2B	Z	0	0	0	%100
53	MP1B	X	-3.102	-3.102	0	%100
54	MP1B	Z	0	0	0	%100
55	M51B	X	-2.749	-2.749	0	%100
56	M51B	Z	0	0	0	%100
57	M52B	X	-2.749	-2.749	0	%100
58	M52B	Z	0	0	0	%100
59	M58A	X	-2.749	-2.749	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	0	0	0	%100
65	M83A	X	-2.749	-2.749	0	%100
66	M83A	Z	0	0	0	%100
67	M1	X	0	0	0	%100
68	M1	Z	0	0	0	%100
69	M82A	X	-2.893	-2.893	0	%100
70	M82A	Z	0	0	0	%100
71	M91B	X	-2.893	-2.893	0	%100
72	M91B	Z	0	0	0	%100
73	M76	X	-4.905	-4.905	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	-3.735	-3.735	0	%100
76	M77	Z	0	0	0	%100
77	M84	X	-4.905	-4.905	0	%100
78	M84	Z	0	0	0	%100
79	M85	X	-3.735	-3.735	0	%100
80	M85	Z	0	0	0	%100
81	M63	X	-1.226	-1.226	0	%100
82	M63	Z	0	0	0	%100
83	M64	X	-3.735	-3.735	0	%100
84	M64	Z	0	0	0	%100
85	M68	X	-1.226	-1.226	0	%100
86	M68	Z	0	0	0	%100
87	M69	X	0	0	0	%100
88	M69	Z	0	0	0	%100
89	M87	X	-1.226	-1.226	0	%100
90	M87	Z	0	0	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	0	0	0	%100
93	M92A	X	-1.226	-1.226	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	-3.735	-3.735	0	%100
96	M93	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft.%]	End Location[ft.%]
97	M46	X	0	0	0	%100
98	M46	Z	0	0	0	%100
99	M80	X	-3.899	-3.899	0	%100
100	M80	Z	0	0	0	%100
101	M91	X	-3.899	-3.899	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	-3.742	-3.742	0	%100
104	M55	Z	0	0	0	%100
105	M66	X	-3.899	-3.899	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	0	0	0	%100
109	M79A	X	-3.742	-3.742	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	0	0	0	%100
113	M95	X	-3.899	-3.899	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	-2.56	-2.56	0	%100
116	OVP1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	-583	-583	0	%100
2	M121	Z	-337	-337	0	%100
3	M122	X	-583	-583	0	%100
4	M122	Z	-337	-337	0	%100
5	M123	X	-2.334	-2.334	0	%100
6	M123	Z	-1.348	-1.348	0	%100
7	M100	X	-672	-672	0	%100
8	M100	Z	-388	-388	0	%100
9	M105	X	-672	-672	0	%100
10	M105	Z	-388	-388	0	%100
11	M106	X	-2.686	-2.686	0	%100
12	M106	Z	-1.551	-1.551	0	%100
13	M4	X	-2.529	-2.529	0	%100
14	M4	Z	-1.46	-1.46	0	%100
15	M52A	X	-2.529	-2.529	0	%100
16	M52A	Z	-1.46	-1.46	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	-689	-689	0	%100
20	M10	Z	-398	-398	0	%100
21	M43	X	-689	-689	0	%100
22	M43	Z	-398	-398	0	%100
23	M53	X	-689	-689	0	%100
24	M53	Z	-398	-398	0	%100
25	M54	X	-689	-689	0	%100
26	M54	Z	-398	-398	0	%100
27	M77A	X	-2.756	-2.756	0	%100
28	M77A	Z	-1.591	-1.591	0	%100
29	M78	X	-2.756	-2.756	0	%100
30	M78	Z	-1.591	-1.591	0	%100
31	MP3A	X	-2.686	-2.686	0	%100
32	MP3A	Z	-1.551	-1.551	0	%100
33	MP4A	X	-2.686	-2.686	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
34	MP4A	Z	-1.551	-1.551	0	%100
35	MP2A	X	-2.686	-2.686	0	%100
36	MP2A	Z	-1.551	-1.551	0	%100
37	MP1A	X	-2.686	-2.686	0	%100
38	MP1A	Z	-1.551	-1.551	0	%100
39	MP3C	X	-2.686	-2.686	0	%100
40	MP3C	Z	-1.551	-1.551	0	%100
41	MP4C	X	-2.686	-2.686	0	%100
42	MP4C	Z	-1.551	-1.551	0	%100
43	MP2C	X	-2.686	-2.686	0	%100
44	MP2C	Z	-1.551	-1.551	0	%100
45	MP1C	X	-2.686	-2.686	0	%100
46	MP1C	Z	-1.551	-1.551	0	%100
47	MP3B	X	-2.686	-2.686	0	%100
48	MP3B	Z	-1.551	-1.551	0	%100
49	MP4B	X	-2.686	-2.686	0	%100
50	MP4B	Z	-1.551	-1.551	0	%100
51	MP2B	X	-2.686	-2.686	0	%100
52	MP2B	Z	-1.551	-1.551	0	%100
53	MP1B	X	-2.686	-2.686	0	%100
54	MP1B	Z	-1.551	-1.551	0	%100
55	M51B	X	-0.794	-0.794	0	%100
56	M51B	Z	-0.458	-0.458	0	%100
57	M52B	X	-3.175	-3.175	0	%100
58	M52B	Z	-1.833	-1.833	0	%100
59	M58A	X	-3.175	-3.175	0	%100
60	M58A	Z	-1.833	-1.833	0	%100
61	M59A	X	-0.794	-0.794	0	%100
62	M59A	Z	-0.458	-0.458	0	%100
63	M82	X	-0.794	-0.794	0	%100
64	M82	Z	-0.458	-0.458	0	%100
65	M83A	X	-0.794	-0.794	0	%100
66	M83A	Z	-0.458	-0.458	0	%100
67	M1	X	-0.835	-0.835	0	%100
68	M1	Z	-0.482	-0.482	0	%100
69	M82A	X	-0.835	-0.835	0	%100
70	M82A	Z	-0.482	-0.482	0	%100
71	M91B	X	-3.34	-3.34	0	%100
72	M91B	Z	-1.928	-1.928	0	%100
73	M76	X	-3.186	-3.186	0	%100
74	M76	Z	-1.84	-1.84	0	%100
75	M77	X	-1.078	-1.078	0	%100
76	M77	Z	-0.623	-0.623	0	%100
77	M84	X	-3.186	-3.186	0	%100
78	M84	Z	-1.84	-1.84	0	%100
79	M85	X	-4.313	-4.313	0	%100
80	M85	Z	-2.49	-2.49	0	%100
81	M63	X	-3.186	-3.186	0	%100
82	M63	Z	-1.84	-1.84	0	%100
83	M64	X	-4.313	-4.313	0	%100
84	M64	Z	-2.49	-2.49	0	%100
85	M68	X	-3.186	-3.186	0	%100
86	M68	Z	-1.84	-1.84	0	%100
87	M69	X	-1.078	-1.078	0	%100
88	M69	Z	-0.623	-0.623	0	%100
89	M87	X	0	0	0	%100
90	M87	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
91	M88A	X	-1.078	-1.078	0	%100
92	M88A	Z	-0.623	-0.623	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	-1.078	-1.078	0	%100
96	M93	Z	-0.623	-0.623	0	%100
97	M46	X	-1.08	-1.08	0	%100
98	M46	Z	-0.624	-0.624	0	%100
99	M80	X	-1.125	-1.125	0	%100
100	M80	Z	-0.65	-0.65	0	%100
101	M91	X	-4.502	-4.502	0	%100
102	M91	Z	-2.599	-2.599	0	%100
103	M55	X	-1.08	-1.08	0	%100
104	M55	Z	-0.624	-0.624	0	%100
105	M66	X	-4.502	-4.502	0	%100
106	M66	Z	-2.599	-2.599	0	%100
107	M71	X	-1.125	-1.125	0	%100
108	M71	Z	-0.65	-0.65	0	%100
109	M79A	X	-4.321	-4.321	0	%100
110	M79A	Z	-2.495	-2.495	0	%100
111	M90	X	-1.125	-1.125	0	%100
112	M90	Z	-0.65	-0.65	0	%100
113	M95	X	-1.125	-1.125	0	%100
114	M95	Z	-0.65	-0.65	0	%100
115	OVP1	X	-2.217	-2.217	0	%100
116	OVP1	Z	-1.28	-1.28	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	0	0	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	-1.011	-1.011	0	%100
4	M122	Z	-1.75	-1.75	0	%100
5	M123	X	-1.011	-1.011	0	%100
6	M123	Z	-1.75	-1.75	0	%100
7	M100	X	-1.163	-1.163	0	%100
8	M100	Z	-2.015	-2.015	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	-1.163	-1.163	0	%100
12	M106	Z	-2.015	-2.015	0	%100
13	M4	X	-0.487	-0.487	0	%100
14	M4	Z	-0.843	-0.843	0	%100
15	M52A	X	-1.947	-1.947	0	%100
16	M52A	Z	-3.372	-3.372	0	%100
17	M76A	X	-0.487	-0.487	0	%100
18	M76A	Z	-0.843	-0.843	0	%100
19	M10	X	-1.193	-1.193	0	%100
20	M10	Z	-2.067	-2.067	0	%100
21	M43	X	-1.193	-1.193	0	%100
22	M43	Z	-2.067	-2.067	0	%100
23	M53	X	0	0	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	0	0	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	-1.193	-1.193	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
28	M77A	Z	-2.067	-2.067	0	%100
29	M78	X	-1.193	-1.193	0	%100
30	M78	Z	-2.067	-2.067	0	%100
31	MP3A	X	-1.551	-1.551	0	%100
32	MP3A	Z	-2.686	-2.686	0	%100
33	MP4A	X	-1.551	-1.551	0	%100
34	MP4A	Z	-2.686	-2.686	0	%100
35	MP2A	X	-1.551	-1.551	0	%100
36	MP2A	Z	-2.686	-2.686	0	%100
37	MP1A	X	-1.551	-1.551	0	%100
38	MP1A	Z	-2.686	-2.686	0	%100
39	MP3C	X	-1.551	-1.551	0	%100
40	MP3C	Z	-2.686	-2.686	0	%100
41	MP4C	X	-1.551	-1.551	0	%100
42	MP4C	Z	-2.686	-2.686	0	%100
43	MP2C	X	-1.551	-1.551	0	%100
44	MP2C	Z	-2.686	-2.686	0	%100
45	MP1C	X	-1.551	-1.551	0	%100
46	MP1C	Z	-2.686	-2.686	0	%100
47	MP3B	X	-1.551	-1.551	0	%100
48	MP3B	Z	-2.686	-2.686	0	%100
49	MP4B	X	-1.551	-1.551	0	%100
50	MP4B	Z	-2.686	-2.686	0	%100
51	MP2B	X	-1.551	-1.551	0	%100
52	MP2B	Z	-2.686	-2.686	0	%100
53	MP1B	X	-1.551	-1.551	0	%100
54	MP1B	Z	-2.686	-2.686	0	%100
55	M51B	X	0	0	0	%100
56	M51B	Z	0	0	0	%100
57	M52B	X	-1.375	-1.375	0	%100
58	M52B	Z	-2.381	-2.381	0	%100
59	M58A	X	-1.375	-1.375	0	%100
60	M58A	Z	-2.381	-2.381	0	%100
61	M59A	X	-1.375	-1.375	0	%100
62	M59A	Z	-2.381	-2.381	0	%100
63	M82	X	-1.375	-1.375	0	%100
64	M82	Z	-2.381	-2.381	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	0	0	0	%100
67	M1	X	-1.446	-1.446	0	%100
68	M1	Z	-2.505	-2.505	0	%100
69	M82A	X	0	0	0	%100
70	M82A	Z	0	0	0	%100
71	M91B	X	-1.446	-1.446	0	%100
72	M91B	Z	-2.505	-2.505	0	%100
73	M76	X	-.613	-.613	0	%100
74	M76	Z	-1.062	-1.062	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	0	0	0	%100
77	M84	X	-.613	-.613	0	%100
78	M84	Z	-1.062	-1.062	0	%100
79	M85	X	-1.868	-1.868	0	%100
80	M85	Z	-3.235	-3.235	0	%100
81	M63	X	-2.453	-2.453	0	%100
82	M63	Z	-4.248	-4.248	0	%100
83	M64	X	-1.868	-1.868	0	%100
84	M64	Z	-3.235	-3.235	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
85	M68	X	-2.453	-2.453	0	%100
86	M68	Z	-4.248	-4.248	0	%100
87	M69	X	-1.868	-1.868	0	%100
88	M69	Z	-3.235	-3.235	0	%100
89	M87	X	-.613	-.613	0	%100
90	M87	Z	-1.062	-1.062	0	%100
91	M88A	X	-1.868	-1.868	0	%100
92	M88A	Z	-3.235	-3.235	0	%100
93	M92A	X	-.613	-.613	0	%100
94	M92A	Z	-1.062	-1.062	0	%100
95	M93	X	0	0	0	%100
96	M93	Z	0	0	0	%100
97	M46	X	-1.871	-1.871	0	%100
98	M46	Z	-3.241	-3.241	0	%100
99	M80	X	0	0	0	%100
100	M80	Z	0	0	0	%100
101	M91	X	-1.949	-1.949	0	%100
102	M91	Z	-3.376	-3.376	0	%100
103	M55	X	0	0	0	%100
104	M55	Z	0	0	0	%100
105	M66	X	-1.949	-1.949	0	%100
106	M66	Z	-3.376	-3.376	0	%100
107	M71	X	-1.949	-1.949	0	%100
108	M71	Z	-3.376	-3.376	0	%100
109	M79A	X	-1.871	-1.871	0	%100
110	M79A	Z	-3.241	-3.241	0	%100
111	M90	X	-1.949	-1.949	0	%100
112	M90	Z	-3.376	-3.376	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	-1.28	-1.28	0	%100
116	OVP1	Z	-2.217	-2.217	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	0	0	0	%100
2	M121	Z	-.159	-.159	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	-.635	-.635	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	-.159	-.159	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	-.574	-.574	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	-.143	-.143	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	-.143	-.143	0	%100
13	M4	X	0	0	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	-.644	-.644	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	-.644	-.644	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-.727	-.727	0	%100
21	M43	X	0	0	0	%100





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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
22	M43	Z	- .727	- .727	0 %100
23	M53	X	0	0	0 %100
24	M53	Z	- .182	- .182	0 %100
25	M54	X	0	0	0 %100
26	M54	Z	- .182	- .182	0 %100
27	M77A	X	0	0	0 %100
28	M77A	Z	- .182	- .182	0 %100
29	M78	X	0	0	0 %100
30	M78	Z	- .182	- .182	0 %100
31	MP3A	X	0	0	0 %100
32	MP3A	Z	- .574	- .574	0 %100
33	MP4A	X	0	0	0 %100
34	MP4A	Z	- .574	- .574	0 %100
35	MP2A	X	0	0	0 %100
36	MP2A	Z	- .574	- .574	0 %100
37	MP1A	X	0	0	0 %100
38	MP1A	Z	- .574	- .574	0 %100
39	MP3C	X	0	0	0 %100
40	MP3C	Z	- .574	- .574	0 %100
41	MP4C	X	0	0	0 %100
42	MP4C	Z	- .574	- .574	0 %100
43	MP2C	X	0	0	0 %100
44	MP2C	Z	- .574	- .574	0 %100
45	MP1C	X	0	0	0 %100
46	MP1C	Z	- .574	- .574	0 %100
47	MP3B	X	0	0	0 %100
48	MP3B	Z	- .574	- .574	0 %100
49	MP4B	X	0	0	0 %100
50	MP4B	Z	- .574	- .574	0 %100
51	MP2B	X	0	0	0 %100
52	MP2B	Z	- .574	- .574	0 %100
53	MP1B	X	0	0	0 %100
54	MP1B	Z	- .574	- .574	0 %100
55	M51B	X	0	0	0 %100
56	M51B	Z	- .201	- .201	0 %100
57	M52B	X	0	0	0 %100
58	M52B	Z	- .201	- .201	0 %100
59	M58A	X	0	0	0 %100
60	M58A	Z	- .201	- .201	0 %100
61	M59A	X	0	0	0 %100
62	M59A	Z	- .805	- .805	0 %100
63	M82	X	0	0	0 %100
64	M82	Z	- .805	- .805	0 %100
65	M83A	X	0	0	0 %100
66	M83A	Z	- .201	- .201	0 %100
67	M1	X	0	0	0 %100
68	M1	Z	- .845	- .845	0 %100
69	M82A	X	0	0	0 %100
70	M82A	Z	- .211	- .211	0 %100
71	M91B	X	0	0	0 %100
72	M91B	Z	- .211	- .211	0 %100
73	M76	X	0	0	0 %100
74	M76	Z	0	0	0 %100
75	M77	X	0	0	0 %100
76	M77	Z	- .369	- .369	0 %100
77	M84	X	0	0	0 %100
78	M84	Z	0	0	0 %100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%,]	End Location[ft.%,]
79	M85	X	0	0	0	%100
80	M85	Z	-.369	-.369	0	%100
81	M63	X	0	0	0	%100
82	M63	Z	-1.087	-1.087	0	%100
83	M64	X	0	0	0	%100
84	M64	Z	-.369	-.369	0	%100
85	M68	X	0	0	0	%100
86	M68	Z	-1.087	-1.087	0	%100
87	M69	X	0	0	0	%100
88	M69	Z	-1.476	-1.476	0	%100
89	M87	X	0	0	0	%100
90	M87	Z	-1.087	-1.087	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	-1.476	-1.476	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	-1.087	-1.087	0	%100
95	M93	X	0	0	0	%100
96	M93	Z	-.369	-.369	0	%100
97	M46	X	0	0	0	%100
98	M46	Z	-1.449	-1.449	0	%100
99	M80	X	0	0	0	%100
100	M80	Z	-.389	-.389	0	%100
101	M91	X	0	0	0	%100
102	M91	Z	-.389	-.389	0	%100
103	M55	X	0	0	0	%100
104	M55	Z	-.362	-.362	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	-.389	-.389	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	-1.555	-1.555	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	-.362	-.362	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	-1.555	-1.555	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	-.389	-.389	0	%100
115	OVP1	X	0	0	0	%100
116	OVP1	Z	-.469	-.469	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%,]	End Location[ft.%,]
1	M121	X	.238	.238	0	%100
2	M121	Z	-.412	-.412	0	%100
3	M122	X	.238	.238	0	%100
4	M122	Z	-.412	-.412	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	.215	.215	0	%100
8	M100	Z	-.373	-.373	0	%100
9	M105	X	.215	.215	0	%100
10	M105	Z	-.373	-.373	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	.107	.107	0	%100
14	M4	Z	-.186	-.186	0	%100
15	M52A	X	.107	.107	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
16	M52A	Z	-186	-186	0 %100
17	M76A	X	.429	.429	0 %100
18	M76A	Z	-.744	-.744	0 %100
19	M10	X	.272	.272	0 %100
20	M10	Z	-.472	-.472	0 %100
21	M43	X	.272	.272	0 %100
22	M43	Z	-.472	-.472	0 %100
23	M53	X	.272	.272	0 %100
24	M53	Z	-.472	-.472	0 %100
25	M54	X	.272	.272	0 %100
26	M54	Z	-.472	-.472	0 %100
27	M77A	X	0	0	0 %100
28	M77A	Z	0	0	0 %100
29	M78	X	0	0	0 %100
30	M78	Z	0	0	0 %100
31	MP3A	X	.287	.287	0 %100
32	MP3A	Z	-.497	-.497	0 %100
33	MP4A	X	.287	.287	0 %100
34	MP4A	Z	-.497	-.497	0 %100
35	MP2A	X	.287	.287	0 %100
36	MP2A	Z	-.497	-.497	0 %100
37	MP1A	X	.287	.287	0 %100
38	MP1A	Z	-.497	-.497	0 %100
39	MP3C	X	.287	.287	0 %100
40	MP3C	Z	-.497	-.497	0 %100
41	MP4C	X	.287	.287	0 %100
42	MP4C	Z	-.497	-.497	0 %100
43	MP2C	X	.287	.287	0 %100
44	MP2C	Z	-.497	-.497	0 %100
45	MP1C	X	.287	.287	0 %100
46	MP1C	Z	-.497	-.497	0 %100
47	MP3B	X	.287	.287	0 %100
48	MP3B	Z	-.497	-.497	0 %100
49	MP4B	X	.287	.287	0 %100
50	MP4B	Z	-.497	-.497	0 %100
51	MP2B	X	.287	.287	0 %100
52	MP2B	Z	-.497	-.497	0 %100
53	MP1B	X	.287	.287	0 %100
54	MP1B	Z	-.497	-.497	0 %100
55	M51B	X	.302	.302	0 %100
56	M51B	Z	-.523	-.523	0 %100
57	M52B	X	0	0	0 %100
58	M52B	Z	0	0	0 %100
59	M58A	X	0	0	0 %100
60	M58A	Z	0	0	0 %100
61	M59A	X	.302	.302	0 %100
62	M59A	Z	-.523	-.523	0 %100
63	M82	X	.302	.302	0 %100
64	M82	Z	-.523	-.523	0 %100
65	M83A	X	.302	.302	0 %100
66	M83A	Z	-.523	-.523	0 %100
67	M1	X	.317	.317	0 %100
68	M1	Z	-.549	-.549	0 %100
69	M82A	X	.317	.317	0 %100
70	M82A	Z	-.549	-.549	0 %100
71	M91B	X	0	0	0 %100
72	M91B	Z	0	0	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
73	M76	X	.181	.181	0	%100
74	M76	Z	-.314	-.314	0	%100
75	M77	X	.553	.553	0	%100
76	M77	Z	-.959	-.959	0	%100
77	M84	X	.181	.181	0	%100
78	M84	Z	-.314	-.314	0	%100
79	M85	X	0	0	0	%100
80	M85	Z	0	0	0	%100
81	M63	X	.181	.181	0	%100
82	M63	Z	-.314	-.314	0	%100
83	M64	X	0	0	0	%100
84	M64	Z	0	0	0	%100
85	M68	X	.181	.181	0	%100
86	M68	Z	-.314	-.314	0	%100
87	M69	X	.553	.553	0	%100
88	M69	Z	-.959	-.959	0	%100
89	M87	X	.725	.725	0	%100
90	M87	Z	-1.255	-1.255	0	%100
91	M88A	X	.553	.553	0	%100
92	M88A	Z	-.959	-.959	0	%100
93	M92A	X	.725	.725	0	%100
94	M92A	Z	-1.255	-1.255	0	%100
95	M93	X	.553	.553	0	%100
96	M93	Z	-.959	-.959	0	%100
97	M46	X	.543	.543	0	%100
98	M46	Z	-.941	-.941	0	%100
99	M80	X	.583	.583	0	%100
100	M80	Z	-1.01	-1.01	0	%100
101	M91	X	0	0	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	.543	.543	0	%100
104	M55	Z	-.941	-.941	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	.583	.583	0	%100
108	M71	Z	-1.01	-1.01	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	.583	.583	0	%100
112	M90	Z	-1.01	-1.01	0	%100
113	M95	X	.583	.583	0	%100
114	M95	Z	-1.01	-1.01	0	%100
115	OVP1	X	.235	.235	0	%100
116	OVP1	Z	-.406	-.406	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	.55	.55	0	%100
2	M121	Z	-.318	-.318	0	%100
3	M122	X	.137	.137	0	%100
4	M122	Z	-.079	-.079	0	%100
5	M123	X	.137	.137	0	%100
6	M123	Z	-.079	-.079	0	%100
7	M100	X	.124	.124	0	%100
8	M100	Z	-.072	-.072	0	%100
9	M105	X	.497	.497	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
10	M105	Z	-.287	-.287	0	%100
11	M106	X	.124	.124	0	%100
12	M106	Z	-.072	-.072	0	%100
13	M4	X	.558	.558	0	%100
14	M4	Z	-.322	-.322	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	.558	.558	0	%100
18	M76A	Z	-.322	-.322	0	%100
19	M10	X	.157	.157	0	%100
20	M10	Z	-.091	-.091	0	%100
21	M43	X	.157	.157	0	%100
22	M43	Z	-.091	-.091	0	%100
23	M53	X	.629	.629	0	%100
24	M53	Z	-.363	-.363	0	%100
25	M54	X	.629	.629	0	%100
26	M54	Z	-.363	-.363	0	%100
27	M77A	X	.157	.157	0	%100
28	M77A	Z	-.091	-.091	0	%100
29	M78	X	.157	.157	0	%100
30	M78	Z	-.091	-.091	0	%100
31	MP3A	X	.497	.497	0	%100
32	MP3A	Z	-.287	-.287	0	%100
33	MP4A	X	.497	.497	0	%100
34	MP4A	Z	-.287	-.287	0	%100
35	MP2A	X	.497	.497	0	%100
36	MP2A	Z	-.287	-.287	0	%100
37	MP1A	X	.497	.497	0	%100
38	MP1A	Z	-.287	-.287	0	%100
39	MP3C	X	.497	.497	0	%100
40	MP3C	Z	-.287	-.287	0	%100
41	MP4C	X	.497	.497	0	%100
42	MP4C	Z	-.287	-.287	0	%100
43	MP2C	X	.497	.497	0	%100
44	MP2C	Z	-.287	-.287	0	%100
45	MP1C	X	.497	.497	0	%100
46	MP1C	Z	-.287	-.287	0	%100
47	MP3B	X	.497	.497	0	%100
48	MP3B	Z	-.287	-.287	0	%100
49	MP4B	X	.497	.497	0	%100
50	MP4B	Z	-.287	-.287	0	%100
51	MP2B	X	.497	.497	0	%100
52	MP2B	Z	-.287	-.287	0	%100
53	MP1B	X	.497	.497	0	%100
54	MP1B	Z	-.287	-.287	0	%100
55	M51B	X	.697	.697	0	%100
56	M51B	Z	-.402	-.402	0	%100
57	M52B	X	.174	.174	0	%100
58	M52B	Z	-.101	-.101	0	%100
59	M58A	X	.174	.174	0	%100
60	M58A	Z	-.101	-.101	0	%100
61	M59A	X	.174	.174	0	%100
62	M59A	Z	-.101	-.101	0	%100
63	M82	X	.174	.174	0	%100
64	M82	Z	-.101	-.101	0	%100
65	M83A	X	.697	.697	0	%100
66	M83A	Z	-.402	-.402	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
67	M1	X	.183	.183	0	%100
68	M1	Z	-.106	-.106	0	%100
69	M82A	X	.732	.732	0	%100
70	M82A	Z	-.423	-.423	0	%100
71	M91B	X	.183	.183	0	%100
72	M91B	Z	-.106	-.106	0	%100
73	M76	X	.941	.941	0	%100
74	M76	Z	-.543	-.543	0	%100
75	M77	X	1.278	1.278	0	%100
76	M77	Z	-.738	-.738	0	%100
77	M84	X	.941	.941	0	%100
78	M84	Z	-.543	-.543	0	%100
79	M85	X	.32	.32	0	%100
80	M85	Z	-.184	-.184	0	%100
81	M63	X	0	0	0	%100
82	M63	Z	0	0	0	%100
83	M64	X	.32	.32	0	%100
84	M64	Z	-.184	-.184	0	%100
85	M68	X	0	0	0	%100
86	M68	Z	0	0	0	%100
87	M69	X	.32	.32	0	%100
88	M69	Z	-.184	-.184	0	%100
89	M87	X	.941	.941	0	%100
90	M87	Z	-.543	-.543	0	%100
91	M88A	X	.32	.32	0	%100
92	M88A	Z	-.184	-.184	0	%100
93	M92A	X	.941	.941	0	%100
94	M92A	Z	-.543	-.543	0	%100
95	M93	X	1.278	1.278	0	%100
96	M93	Z	-.738	-.738	0	%100
97	M46	X	.314	.314	0	%100
98	M46	Z	-.181	-.181	0	%100
99	M80	X	1.346	1.346	0	%100
100	M80	Z	-.777	-.777	0	%100
101	M91	X	.337	.337	0	%100
102	M91	Z	-.194	-.194	0	%100
103	M55	X	1.255	1.255	0	%100
104	M55	Z	-.725	-.725	0	%100
105	M66	X	.337	.337	0	%100
106	M66	Z	-.194	-.194	0	%100
107	M71	X	.337	.337	0	%100
108	M71	Z	-.194	-.194	0	%100
109	M79A	X	.314	.314	0	%100
110	M79A	Z	-.181	-.181	0	%100
111	M90	X	.337	.337	0	%100
112	M90	Z	-.194	-.194	0	%100
113	M95	X	1.346	1.346	0	%100
114	M95	Z	-.777	-.777	0	%100
115	OVP1	X	.406	.406	0	%100
116	OVP1	Z	-.235	-.235	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	.476	.476	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
4	M122	Z	0	0	0	%100
5	M123	X	.476	.476	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	0	0	0	%100
9	M105	X	.43	.43	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	.43	.43	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	.859	.859	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	.215	.215	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	.215	.215	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	0	0	0	%100
23	M53	X	.545	.545	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	.545	.545	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	.545	.545	0	%100
28	M77A	Z	0	0	0	%100
29	M78	X	.545	.545	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	.574	.574	0	%100
32	MP3A	Z	0	0	0	%100
33	MP4A	X	.574	.574	0	%100
34	MP4A	Z	0	0	0	%100
35	MP2A	X	.574	.574	0	%100
36	MP2A	Z	0	0	0	%100
37	MP1A	X	.574	.574	0	%100
38	MP1A	Z	0	0	0	%100
39	MP3C	X	.574	.574	0	%100
40	MP3C	Z	0	0	0	%100
41	MP4C	X	.574	.574	0	%100
42	MP4C	Z	0	0	0	%100
43	MP2C	X	.574	.574	0	%100
44	MP2C	Z	0	0	0	%100
45	MP1C	X	.574	.574	0	%100
46	MP1C	Z	0	0	0	%100
47	MP3B	X	.574	.574	0	%100
48	MP3B	Z	0	0	0	%100
49	MP4B	X	.574	.574	0	%100
50	MP4B	Z	0	0	0	%100
51	MP2B	X	.574	.574	0	%100
52	MP2B	Z	0	0	0	%100
53	MP1B	X	.574	.574	0	%100
54	MP1B	Z	0	0	0	%100
55	M51B	X	.604	.604	0	%100
56	M51B	Z	0	0	0	%100
57	M52B	X	.604	.604	0	%100
58	M52B	Z	0	0	0	%100
59	M58A	X	.604	.604	0	%100
60	M58A	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]	
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	0	0	0	%100
65	M83A	X	.604	.604	0	%100
66	M83A	Z	0	0	0	%100
67	M1	X	0	0	0	%100
68	M1	Z	0	0	0	%100
69	M82A	X	.634	.634	0	%100
70	M82A	Z	0	0	0	%100
71	M91B	X	.634	.634	0	%100
72	M91B	Z	0	0	0	%100
73	M76	X	1.449	1.449	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	1.107	1.107	0	%100
76	M77	Z	0	0	0	%100
77	M84	X	1.449	1.449	0	%100
78	M84	Z	0	0	0	%100
79	M85	X	1.107	1.107	0	%100
80	M85	Z	0	0	0	%100
81	M63	X	.362	.362	0	%100
82	M63	Z	0	0	0	%100
83	M64	X	1.107	1.107	0	%100
84	M64	Z	0	0	0	%100
85	M68	X	.362	.362	0	%100
86	M68	Z	0	0	0	%100
87	M69	X	0	0	0	%100
88	M69	Z	0	0	0	%100
89	M87	X	.362	.362	0	%100
90	M87	Z	0	0	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	0	0	0	%100
93	M92A	X	.362	.362	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	1.107	1.107	0	%100
96	M93	Z	0	0	0	%100
97	M46	X	0	0	0	%100
98	M46	Z	0	0	0	%100
99	M80	X	1.166	1.166	0	%100
100	M80	Z	0	0	0	%100
101	M91	X	1.166	1.166	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	1.087	1.087	0	%100
104	M55	Z	0	0	0	%100
105	M66	X	1.166	1.166	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	0	0	0	%100
109	M79A	X	1.087	1.087	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	0	0	0	%100
113	M95	X	1.166	1.166	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	.469	.469	0	%100
116	OVP1	Z	0	0	0	%100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	.137	.137	0	%100
2	M121	Z	.079	.079	0	%100
3	M122	X	.137	.137	0	%100
4	M122	Z	.079	.079	0	%100
5	M123	X	.55	.55	0	%100
6	M123	Z	.318	.318	0	%100
7	M100	X	.124	.124	0	%100
8	M100	Z	.072	.072	0	%100
9	M105	X	.124	.124	0	%100
10	M105	Z	.072	.072	0	%100
11	M106	X	.497	.497	0	%100
12	M106	Z	.287	.287	0	%100
13	M4	X	.558	.558	0	%100
14	M4	Z	.322	.322	0	%100
15	M52A	X	.558	.558	0	%100
16	M52A	Z	.322	.322	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	.157	.157	0	%100
20	M10	Z	.091	.091	0	%100
21	M43	X	.157	.157	0	%100
22	M43	Z	.091	.091	0	%100
23	M53	X	.157	.157	0	%100
24	M53	Z	.091	.091	0	%100
25	M54	X	.157	.157	0	%100
26	M54	Z	.091	.091	0	%100
27	M77A	X	.629	.629	0	%100
28	M77A	Z	.363	.363	0	%100
29	M78	X	.629	.629	0	%100
30	M78	Z	.363	.363	0	%100
31	MP3A	X	.497	.497	0	%100
32	MP3A	Z	.287	.287	0	%100
33	MP4A	X	.497	.497	0	%100
34	MP4A	Z	.287	.287	0	%100
35	MP2A	X	.497	.497	0	%100
36	MP2A	Z	.287	.287	0	%100
37	MP1A	X	.497	.497	0	%100
38	MP1A	Z	.287	.287	0	%100
39	MP3C	X	.497	.497	0	%100
40	MP3C	Z	.287	.287	0	%100
41	MP4C	X	.497	.497	0	%100
42	MP4C	Z	.287	.287	0	%100
43	MP2C	X	.497	.497	0	%100
44	MP2C	Z	.287	.287	0	%100
45	MP1C	X	.497	.497	0	%100
46	MP1C	Z	.287	.287	0	%100
47	MP3B	X	.497	.497	0	%100
48	MP3B	Z	.287	.287	0	%100
49	MP4B	X	.497	.497	0	%100
50	MP4B	Z	.287	.287	0	%100
51	MP2B	X	.497	.497	0	%100
52	MP2B	Z	.287	.287	0	%100
53	MP1B	X	.497	.497	0	%100
54	MP1B	Z	.287	.287	0	%100
55	M51B	X	.174	.174	0	%100
56	M51B	Z	.101	.101	0	%100
57	M52B	X	.697	.697	0	%100





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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
58	M52B	Z	.402	.402	0 %100
59	M58A	X	.697	.697	0 %100
60	M58A	Z	.402	.402	0 %100
61	M59A	X	.174	.174	0 %100
62	M59A	Z	.101	.101	0 %100
63	M82	X	.174	.174	0 %100
64	M82	Z	.101	.101	0 %100
65	M83A	X	.174	.174	0 %100
66	M83A	Z	.101	.101	0 %100
67	M1	X	.183	.183	0 %100
68	M1	Z	.106	.106	0 %100
69	M82A	X	.183	.183	0 %100
70	M82A	Z	.106	.106	0 %100
71	M91B	X	.732	.732	0 %100
72	M91B	Z	.423	.423	0 %100
73	M76	X	.941	.941	0 %100
74	M76	Z	.543	.543	0 %100
75	M77	X	.32	.32	0 %100
76	M77	Z	.184	.184	0 %100
77	M84	X	.941	.941	0 %100
78	M84	Z	.543	.543	0 %100
79	M85	X	1.278	1.278	0 %100
80	M85	Z	.738	.738	0 %100
81	M63	X	.941	.941	0 %100
82	M63	Z	.543	.543	0 %100
83	M64	X	1.278	1.278	0 %100
84	M64	Z	.738	.738	0 %100
85	M68	X	.941	.941	0 %100
86	M68	Z	.543	.543	0 %100
87	M69	X	.32	.32	0 %100
88	M69	Z	.184	.184	0 %100
89	M87	X	0	0	0 %100
90	M87	Z	0	0	0 %100
91	M88A	X	.32	.32	0 %100
92	M88A	Z	.184	.184	0 %100
93	M92A	X	0	0	0 %100
94	M92A	Z	0	0	0 %100
95	M93	X	.32	.32	0 %100
96	M93	Z	.184	.184	0 %100
97	M46	X	.314	.314	0 %100
98	M46	Z	.181	.181	0 %100
99	M80	X	.337	.337	0 %100
100	M80	Z	.194	.194	0 %100
101	M91	X	1.346	1.346	0 %100
102	M91	Z	.777	.777	0 %100
103	M55	X	.314	.314	0 %100
104	M55	Z	.181	.181	0 %100
105	M66	X	1.346	1.346	0 %100
106	M66	Z	.777	.777	0 %100
107	M71	X	.337	.337	0 %100
108	M71	Z	.194	.194	0 %100
109	M79A	X	1.255	1.255	0 %100
110	M79A	Z	.725	.725	0 %100
111	M90	X	.337	.337	0 %100
112	M90	Z	.194	.194	0 %100
113	M95	X	.337	.337	0 %100
114	M95	Z	.194	.194	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
115	OVP1	X	.406	.406	0	%100
116	OVP1	Z	.235	.235	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	0	0	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	.238	.238	0	%100
4	M122	Z	.412	.412	0	%100
5	M123	X	.238	.238	0	%100
6	M123	Z	.412	.412	0	%100
7	M100	X	.215	.215	0	%100
8	M100	Z	.373	.373	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	.215	.215	0	%100
12	M106	Z	.373	.373	0	%100
13	M4	X	.107	.107	0	%100
14	M4	Z	.186	.186	0	%100
15	M52A	X	.429	.429	0	%100
16	M52A	Z	.744	.744	0	%100
17	M76A	X	.107	.107	0	%100
18	M76A	Z	.186	.186	0	%100
19	M10	X	.272	.272	0	%100
20	M10	Z	.472	.472	0	%100
21	M43	X	.272	.272	0	%100
22	M43	Z	.472	.472	0	%100
23	M53	X	0	0	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	0	0	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	.272	.272	0	%100
28	M77A	Z	.472	.472	0	%100
29	M78	X	.272	.272	0	%100
30	M78	Z	.472	.472	0	%100
31	MP3A	X	.287	.287	0	%100
32	MP3A	Z	.497	.497	0	%100
33	MP4A	X	.287	.287	0	%100
34	MP4A	Z	.497	.497	0	%100
35	MP2A	X	.287	.287	0	%100
36	MP2A	Z	.497	.497	0	%100
37	MP1A	X	.287	.287	0	%100
38	MP1A	Z	.497	.497	0	%100
39	MP3C	X	.287	.287	0	%100
40	MP3C	Z	.497	.497	0	%100
41	MP4C	X	.287	.287	0	%100
42	MP4C	Z	.497	.497	0	%100
43	MP2C	X	.287	.287	0	%100
44	MP2C	Z	.497	.497	0	%100
45	MP1C	X	.287	.287	0	%100
46	MP1C	Z	.497	.497	0	%100
47	MP3B	X	.287	.287	0	%100
48	MP3B	Z	.497	.497	0	%100
49	MP4B	X	.287	.287	0	%100
50	MP4B	Z	.497	.497	0	%100
51	MP2B	X	.287	.287	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
52	MP2B	Z	.497	.497	0 %100
53	MP1B	X	.287	.287	0 %100
54	MP1B	Z	.497	.497	0 %100
55	M51B	X	0	0	0 %100
56	M51B	Z	0	0	0 %100
57	M52B	X	.302	.302	0 %100
58	M52B	Z	.523	.523	0 %100
59	M58A	X	.302	.302	0 %100
60	M58A	Z	.523	.523	0 %100
61	M59A	X	.302	.302	0 %100
62	M59A	Z	.523	.523	0 %100
63	M82	X	.302	.302	0 %100
64	M82	Z	.523	.523	0 %100
65	M83A	X	0	0	0 %100
66	M83A	Z	0	0	0 %100
67	M1	X	.317	.317	0 %100
68	M1	Z	.549	.549	0 %100
69	M82A	X	0	0	0 %100
70	M82A	Z	0	0	0 %100
71	M91B	X	.317	.317	0 %100
72	M91B	Z	.549	.549	0 %100
73	M76	X	.181	.181	0 %100
74	M76	Z	.314	.314	0 %100
75	M77	X	0	0	0 %100
76	M77	Z	0	0	0 %100
77	M84	X	.181	.181	0 %100
78	M84	Z	.314	.314	0 %100
79	M85	X	.553	.553	0 %100
80	M85	Z	.959	.959	0 %100
81	M63	X	.725	.725	0 %100
82	M63	Z	1.255	1.255	0 %100
83	M64	X	.553	.553	0 %100
84	M64	Z	.959	.959	0 %100
85	M68	X	.725	.725	0 %100
86	M68	Z	1.255	1.255	0 %100
87	M69	X	.553	.553	0 %100
88	M69	Z	.959	.959	0 %100
89	M87	X	.181	.181	0 %100
90	M87	Z	.314	.314	0 %100
91	M88A	X	.553	.553	0 %100
92	M88A	Z	.959	.959	0 %100
93	M92A	X	.181	.181	0 %100
94	M92A	Z	.314	.314	0 %100
95	M93	X	0	0	0 %100
96	M93	Z	0	0	0 %100
97	M46	X	.543	.543	0 %100
98	M46	Z	.941	.941	0 %100
99	M80	X	0	0	0 %100
100	M80	Z	0	0	0 %100
101	M91	X	.583	.583	0 %100
102	M91	Z	1.01	1.01	0 %100
103	M55	X	0	0	0 %100
104	M55	Z	0	0	0 %100
105	M66	X	.583	.583	0 %100
106	M66	Z	1.01	1.01	0 %100
107	M71	X	.583	.583	0 %100
108	M71	Z	1.01	1.01	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft, %]	End Location[ft, %]
109	M79A	X	.543	.543	0	%100
110	M79A	Z	.941	.941	0	%100
111	M90	X	.583	.583	0	%100
112	M90	Z	1.01	1.01	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	.235	.235	0	%100
116	OVP1	Z	.406	.406	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	0	0	0	%100
2	M121	Z	.159	.159	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	.635	.635	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	.159	.159	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	.574	.574	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	.143	.143	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	.143	.143	0	%100
13	M4	X	0	0	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	.644	.644	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	.644	.644	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	.727	.727	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	.727	.727	0	%100
23	M53	X	0	0	0	%100
24	M53	Z	.182	.182	0	%100
25	M54	X	0	0	0	%100
26	M54	Z	.182	.182	0	%100
27	M77A	X	0	0	0	%100
28	M77A	Z	.182	.182	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	.182	.182	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	.574	.574	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	.574	.574	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	.574	.574	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	.574	.574	0	%100
39	MP3C	X	0	0	0	%100
40	MP3C	Z	.574	.574	0	%100
41	MP4C	X	0	0	0	%100
42	MP4C	Z	.574	.574	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	.574	.574	0	%100
45	MP1C	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
46	MP1C	Z	.574	.574	0 %100
47	MP3B	X	0	0	0 %100
48	MP3B	Z	.574	.574	0 %100
49	MP4B	X	0	0	0 %100
50	MP4B	Z	.574	.574	0 %100
51	MP2B	X	0	0	0 %100
52	MP2B	Z	.574	.574	0 %100
53	MP1B	X	0	0	0 %100
54	MP1B	Z	.574	.574	0 %100
55	M51B	X	0	0	0 %100
56	M51B	Z	.201	.201	0 %100
57	M52B	X	0	0	0 %100
58	M52B	Z	.201	.201	0 %100
59	M58A	X	0	0	0 %100
60	M58A	Z	.201	.201	0 %100
61	M59A	X	0	0	0 %100
62	M59A	Z	.805	.805	0 %100
63	M82	X	0	0	0 %100
64	M82	Z	.805	.805	0 %100
65	M83A	X	0	0	0 %100
66	M83A	Z	.201	.201	0 %100
67	M1	X	0	0	0 %100
68	M1	Z	.845	.845	0 %100
69	M82A	X	0	0	0 %100
70	M82A	Z	.211	.211	0 %100
71	M91B	X	0	0	0 %100
72	M91B	Z	.211	.211	0 %100
73	M76	X	0	0	0 %100
74	M76	Z	0	0	0 %100
75	M77	X	0	0	0 %100
76	M77	Z	.369	.369	0 %100
77	M84	X	0	0	0 %100
78	M84	Z	0	0	0 %100
79	M85	X	0	0	0 %100
80	M85	Z	.369	.369	0 %100
81	M63	X	0	0	0 %100
82	M63	Z	1.087	1.087	0 %100
83	M64	X	0	0	0 %100
84	M64	Z	.369	.369	0 %100
85	M68	X	0	0	0 %100
86	M68	Z	1.087	1.087	0 %100
87	M69	X	0	0	0 %100
88	M69	Z	1.476	1.476	0 %100
89	M87	X	0	0	0 %100
90	M87	Z	1.087	1.087	0 %100
91	M88A	X	0	0	0 %100
92	M88A	Z	1.476	1.476	0 %100
93	M92A	X	0	0	0 %100
94	M92A	Z	1.087	1.087	0 %100
95	M93	X	0	0	0 %100
96	M93	Z	.369	.369	0 %100
97	M46	X	0	0	0 %100
98	M46	Z	1.449	1.449	0 %100
99	M80	X	0	0	0 %100
100	M80	Z	.389	.389	0 %100
101	M91	X	0	0	0 %100
102	M91	Z	.389	.389	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
103	M55	X	0	0	0	%100
104	M55	Z	.362	.362	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	.389	.389	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	1.555	1.555	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	.362	.362	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	1.555	1.555	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	.389	.389	0	%100
115	OVP1	X	0	0	0	%100
116	OVP1	Z	.469	.469	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	-.238	-.238	0	%100
2	M121	Z	.412	.412	0	%100
3	M122	X	-.238	-.238	0	%100
4	M122	Z	.412	.412	0	%100
5	M123	X	0	0	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	-.215	-.215	0	%100
8	M100	Z	.373	.373	0	%100
9	M105	X	-.215	-.215	0	%100
10	M105	Z	.373	.373	0	%100
11	M106	X	0	0	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	-.107	-.107	0	%100
14	M4	Z	.186	.186	0	%100
15	M52A	X	-.107	-.107	0	%100
16	M52A	Z	.186	.186	0	%100
17	M76A	X	-.429	-.429	0	%100
18	M76A	Z	.744	.744	0	%100
19	M10	X	-.272	-.272	0	%100
20	M10	Z	.472	.472	0	%100
21	M43	X	-.272	-.272	0	%100
22	M43	Z	.472	.472	0	%100
23	M53	X	-.272	-.272	0	%100
24	M53	Z	.472	.472	0	%100
25	M54	X	-.272	-.272	0	%100
26	M54	Z	.472	.472	0	%100
27	M77A	X	0	0	0	%100
28	M77A	Z	0	0	0	%100
29	M78	X	0	0	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	-.287	-.287	0	%100
32	MP3A	Z	.497	.497	0	%100
33	MP4A	X	-.287	-.287	0	%100
34	MP4A	Z	.497	.497	0	%100
35	MP2A	X	-.287	-.287	0	%100
36	MP2A	Z	.497	.497	0	%100
37	MP1A	X	-.287	-.287	0	%100
38	MP1A	Z	.497	.497	0	%100
39	MP3C	X	-.287	-.287	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
40	MP3C	Z	.497	.497	0 %100
41	MP4C	X	-.287	-.287	0 %100
42	MP4C	Z	.497	.497	0 %100
43	MP2C	X	-.287	-.287	0 %100
44	MP2C	Z	.497	.497	0 %100
45	MP1C	X	-.287	-.287	0 %100
46	MP1C	Z	.497	.497	0 %100
47	MP3B	X	-.287	-.287	0 %100
48	MP3B	Z	.497	.497	0 %100
49	MP4B	X	-.287	-.287	0 %100
50	MP4B	Z	.497	.497	0 %100
51	MP2B	X	-.287	-.287	0 %100
52	MP2B	Z	.497	.497	0 %100
53	MP1B	X	-.287	-.287	0 %100
54	MP1B	Z	.497	.497	0 %100
55	M51B	X	-.302	-.302	0 %100
56	M51B	Z	.523	.523	0 %100
57	M52B	X	0	0	0 %100
58	M52B	Z	0	0	0 %100
59	M58A	X	0	0	0 %100
60	M58A	Z	0	0	0 %100
61	M59A	X	-.302	-.302	0 %100
62	M59A	Z	.523	.523	0 %100
63	M82	X	-.302	-.302	0 %100
64	M82	Z	.523	.523	0 %100
65	M83A	X	-.302	-.302	0 %100
66	M83A	Z	.523	.523	0 %100
67	M1	X	-.317	-.317	0 %100
68	M1	Z	.549	.549	0 %100
69	M82A	X	-.317	-.317	0 %100
70	M82A	Z	.549	.549	0 %100
71	M91B	X	0	0	0 %100
72	M91B	Z	0	0	0 %100
73	M76	X	-.181	-.181	0 %100
74	M76	Z	.314	.314	0 %100
75	M77	X	-.553	-.553	0 %100
76	M77	Z	.959	.959	0 %100
77	M84	X	-.181	-.181	0 %100
78	M84	Z	.314	.314	0 %100
79	M85	X	0	0	0 %100
80	M85	Z	0	0	0 %100
81	M63	X	-.181	-.181	0 %100
82	M63	Z	.314	.314	0 %100
83	M64	X	0	0	0 %100
84	M64	Z	0	0	0 %100
85	M68	X	-.181	-.181	0 %100
86	M68	Z	.314	.314	0 %100
87	M69	X	-.553	-.553	0 %100
88	M69	Z	.959	.959	0 %100
89	M87	X	-.725	-.725	0 %100
90	M87	Z	1.255	1.255	0 %100
91	M88A	X	-.553	-.553	0 %100
92	M88A	Z	.959	.959	0 %100
93	M92A	X	-.725	-.725	0 %100
94	M92A	Z	1.255	1.255	0 %100
95	M93	X	-.553	-.553	0 %100
96	M93	Z	.959	.959	0 %100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft.%]	End Location[ft.%]
97	M46	X	-.543	-.543	0	%100
98	M46	Z	.941	.941	0	%100
99	M80	X	-.583	-.583	0	%100
100	M80	Z	1.01	1.01	0	%100
101	M91	X	0	0	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	-.543	-.543	0	%100
104	M55	Z	.941	.941	0	%100
105	M66	X	0	0	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	-.583	-.583	0	%100
108	M71	Z	1.01	1.01	0	%100
109	M79A	X	0	0	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	-.583	-.583	0	%100
112	M90	Z	1.01	1.01	0	%100
113	M95	X	-.583	-.583	0	%100
114	M95	Z	1.01	1.01	0	%100
115	OVP1	X	-.235	-.235	0	%100
116	OVP1	Z	.406	.406	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	-.55	-.55	0	%100
2	M121	Z	.318	.318	0	%100
3	M122	X	-.137	-.137	0	%100
4	M122	Z	.079	.079	0	%100
5	M123	X	-.137	-.137	0	%100
6	M123	Z	.079	.079	0	%100
7	M100	X	-.124	-.124	0	%100
8	M100	Z	.072	.072	0	%100
9	M105	X	-.497	-.497	0	%100
10	M105	Z	.287	.287	0	%100
11	M106	X	-.124	-.124	0	%100
12	M106	Z	.072	.072	0	%100
13	M4	X	-.558	-.558	0	%100
14	M4	Z	.322	.322	0	%100
15	M52A	X	0	0	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	-.558	-.558	0	%100
18	M76A	Z	.322	.322	0	%100
19	M10	X	-.157	-.157	0	%100
20	M10	Z	.091	.091	0	%100
21	M43	X	-.157	-.157	0	%100
22	M43	Z	.091	.091	0	%100
23	M53	X	-.629	-.629	0	%100
24	M53	Z	.363	.363	0	%100
25	M54	X	-.629	-.629	0	%100
26	M54	Z	.363	.363	0	%100
27	M77A	X	-.157	-.157	0	%100
28	M77A	Z	.091	.091	0	%100
29	M78	X	-.157	-.157	0	%100
30	M78	Z	.091	.091	0	%100
31	MP3A	X	-.497	-.497	0	%100
32	MP3A	Z	.287	.287	0	%100
33	MP4A	X	-.497	-.497	0	%100





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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
34	MP4A	Z	.287	.287	0 %100
35	MP2A	X	-.497	-.497	0 %100
36	MP2A	Z	.287	.287	0 %100
37	MP1A	X	-.497	-.497	0 %100
38	MP1A	Z	.287	.287	0 %100
39	MP3C	X	-.497	-.497	0 %100
40	MP3C	Z	.287	.287	0 %100
41	MP4C	X	-.497	-.497	0 %100
42	MP4C	Z	.287	.287	0 %100
43	MP2C	X	-.497	-.497	0 %100
44	MP2C	Z	.287	.287	0 %100
45	MP1C	X	-.497	-.497	0 %100
46	MP1C	Z	.287	.287	0 %100
47	MP3B	X	-.497	-.497	0 %100
48	MP3B	Z	.287	.287	0 %100
49	MP4B	X	-.497	-.497	0 %100
50	MP4B	Z	.287	.287	0 %100
51	MP2B	X	-.497	-.497	0 %100
52	MP2B	Z	.287	.287	0 %100
53	MP1B	X	-.497	-.497	0 %100
54	MP1B	Z	.287	.287	0 %100
55	M51B	X	-.697	-.697	0 %100
56	M51B	Z	.402	.402	0 %100
57	M52B	X	-.174	-.174	0 %100
58	M52B	Z	.101	.101	0 %100
59	M58A	X	-.174	-.174	0 %100
60	M58A	Z	.101	.101	0 %100
61	M59A	X	-.174	-.174	0 %100
62	M59A	Z	.101	.101	0 %100
63	M82	X	-.174	-.174	0 %100
64	M82	Z	.101	.101	0 %100
65	M83A	X	-.697	-.697	0 %100
66	M83A	Z	.402	.402	0 %100
67	M1	X	-.183	-.183	0 %100
68	M1	Z	.106	.106	0 %100
69	M82A	X	-.732	-.732	0 %100
70	M82A	Z	.423	.423	0 %100
71	M91B	X	-.183	-.183	0 %100
72	M91B	Z	.106	.106	0 %100
73	M76	X	-.941	-.941	0 %100
74	M76	Z	.543	.543	0 %100
75	M77	X	-1.278	-1.278	0 %100
76	M77	Z	.738	.738	0 %100
77	M84	X	-.941	-.941	0 %100
78	M84	Z	.543	.543	0 %100
79	M85	X	-.32	-.32	0 %100
80	M85	Z	.184	.184	0 %100
81	M63	X	0	0	0 %100
82	M63	Z	0	0	0 %100
83	M64	X	-.32	-.32	0 %100
84	M64	Z	.184	.184	0 %100
85	M68	X	0	0	0 %100
86	M68	Z	0	0	0 %100
87	M69	X	-.32	-.32	0 %100
88	M69	Z	.184	.184	0 %100
89	M87	X	-.941	-.941	0 %100
90	M87	Z	.543	.543	0 %100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
91	M88A	X	-.32	-.32	0	%100
92	M88A	Z	.184	.184	0	%100
93	M92A	X	-.941	-.941	0	%100
94	M92A	Z	.543	.543	0	%100
95	M93	X	-1.278	-1.278	0	%100
96	M93	Z	.738	.738	0	%100
97	M46	X	-.314	-.314	0	%100
98	M46	Z	.181	.181	0	%100
99	M80	X	-1.346	-1.346	0	%100
100	M80	Z	.777	.777	0	%100
101	M91	X	-.337	-.337	0	%100
102	M91	Z	.194	.194	0	%100
103	M55	X	-1.255	-1.255	0	%100
104	M55	Z	.725	.725	0	%100
105	M66	X	-.337	-.337	0	%100
106	M66	Z	.194	.194	0	%100
107	M71	X	-.337	-.337	0	%100
108	M71	Z	.194	.194	0	%100
109	M79A	X	-.314	-.314	0	%100
110	M79A	Z	.181	.181	0	%100
111	M90	X	-.337	-.337	0	%100
112	M90	Z	.194	.194	0	%100
113	M95	X	-1.346	-1.346	0	%100
114	M95	Z	.777	.777	0	%100
115	OVP1	X	-.406	-.406	0	%100
116	OVP1	Z	.235	.235	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	-.476	-.476	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	0	0	0	%100
4	M122	Z	0	0	0	%100
5	M123	X	-.476	-.476	0	%100
6	M123	Z	0	0	0	%100
7	M100	X	0	0	0	%100
8	M100	Z	0	0	0	%100
9	M105	X	-.43	-.43	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	-.43	-.43	0	%100
12	M106	Z	0	0	0	%100
13	M4	X	-.859	-.859	0	%100
14	M4	Z	0	0	0	%100
15	M52A	X	-.215	-.215	0	%100
16	M52A	Z	0	0	0	%100
17	M76A	X	-.215	-.215	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	0	0	0	%100
23	M53	X	-.545	-.545	0	%100
24	M53	Z	0	0	0	%100
25	M54	X	-.545	-.545	0	%100
26	M54	Z	0	0	0	%100
27	M77A	X	-.545	-.545	0	%100



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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
28	M77A	Z	0	0	0	%100
29	M78	X	-.545	-.545	0	%100
30	M78	Z	0	0	0	%100
31	MP3A	X	-.574	-.574	0	%100
32	MP3A	Z	0	0	0	%100
33	MP4A	X	-.574	-.574	0	%100
34	MP4A	Z	0	0	0	%100
35	MP2A	X	-.574	-.574	0	%100
36	MP2A	Z	0	0	0	%100
37	MP1A	X	-.574	-.574	0	%100
38	MP1A	Z	0	0	0	%100
39	MP3C	X	-.574	-.574	0	%100
40	MP3C	Z	0	0	0	%100
41	MP4C	X	-.574	-.574	0	%100
42	MP4C	Z	0	0	0	%100
43	MP2C	X	-.574	-.574	0	%100
44	MP2C	Z	0	0	0	%100
45	MP1C	X	-.574	-.574	0	%100
46	MP1C	Z	0	0	0	%100
47	MP3B	X	-.574	-.574	0	%100
48	MP3B	Z	0	0	0	%100
49	MP4B	X	-.574	-.574	0	%100
50	MP4B	Z	0	0	0	%100
51	MP2B	X	-.574	-.574	0	%100
52	MP2B	Z	0	0	0	%100
53	MP1B	X	-.574	-.574	0	%100
54	MP1B	Z	0	0	0	%100
55	M51B	X	-.604	-.604	0	%100
56	M51B	Z	0	0	0	%100
57	M52B	X	-.604	-.604	0	%100
58	M52B	Z	0	0	0	%100
59	M58A	X	-.604	-.604	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	0	0	0	%100
65	M83A	X	-.604	-.604	0	%100
66	M83A	Z	0	0	0	%100
67	M1	X	0	0	0	%100
68	M1	Z	0	0	0	%100
69	M82A	X	-.634	-.634	0	%100
70	M82A	Z	0	0	0	%100
71	M91B	X	-.634	-.634	0	%100
72	M91B	Z	0	0	0	%100
73	M76	X	-1.449	-1.449	0	%100
74	M76	Z	0	0	0	%100
75	M77	X	-1.107	-1.107	0	%100
76	M77	Z	0	0	0	%100
77	M84	X	-1.449	-1.449	0	%100
78	M84	Z	0	0	0	%100
79	M85	X	-1.107	-1.107	0	%100
80	M85	Z	0	0	0	%100
81	M63	X	-.362	-.362	0	%100
82	M63	Z	0	0	0	%100
83	M64	X	-1.107	-1.107	0	%100
84	M64	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
85	M68	X	-0.362	-0.362	0	%100
86	M68	Z	0	0	0	%100
87	M69	X	0	0	0	%100
88	M69	Z	0	0	0	%100
89	M87	X	-0.362	-0.362	0	%100
90	M87	Z	0	0	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	0	0	0	%100
93	M92A	X	-0.362	-0.362	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	-1.107	-1.107	0	%100
96	M93	Z	0	0	0	%100
97	M46	X	0	0	0	%100
98	M46	Z	0	0	0	%100
99	M80	X	-1.166	-1.166	0	%100
100	M80	Z	0	0	0	%100
101	M91	X	-1.166	-1.166	0	%100
102	M91	Z	0	0	0	%100
103	M55	X	-1.087	-1.087	0	%100
104	M55	Z	0	0	0	%100
105	M66	X	-1.166	-1.166	0	%100
106	M66	Z	0	0	0	%100
107	M71	X	0	0	0	%100
108	M71	Z	0	0	0	%100
109	M79A	X	-1.087	-1.087	0	%100
110	M79A	Z	0	0	0	%100
111	M90	X	0	0	0	%100
112	M90	Z	0	0	0	%100
113	M95	X	-1.166	-1.166	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	-0.469	-0.469	0	%100
116	OVP1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M121	X	-0.137	-0.137	0	%100
2	M121	Z	-0.079	-0.079	0	%100
3	M122	X	-0.137	-0.137	0	%100
4	M122	Z	-0.079	-0.079	0	%100
5	M123	X	-0.55	-0.55	0	%100
6	M123	Z	-0.318	-0.318	0	%100
7	M100	X	-0.124	-0.124	0	%100
8	M100	Z	-0.072	-0.072	0	%100
9	M105	X	-0.124	-0.124	0	%100
10	M105	Z	-0.072	-0.072	0	%100
11	M106	X	-0.497	-0.497	0	%100
12	M106	Z	-0.287	-0.287	0	%100
13	M4	X	-0.558	-0.558	0	%100
14	M4	Z	-0.322	-0.322	0	%100
15	M52A	X	-0.558	-0.558	0	%100
16	M52A	Z	-0.322	-0.322	0	%100
17	M76A	X	0	0	0	%100
18	M76A	Z	0	0	0	%100
19	M10	X	-0.157	-0.157	0	%100
20	M10	Z	-0.091	-0.091	0	%100
21	M43	X	-0.157	-0.157	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
22	M43	Z	-0.091	-0.091	0 %100
23	M53	X	-0.157	-0.157	0 %100
24	M53	Z	-0.091	-0.091	0 %100
25	M54	X	-0.157	-0.157	0 %100
26	M54	Z	-0.091	-0.091	0 %100
27	M77A	X	-0.629	-0.629	0 %100
28	M77A	Z	-0.363	-0.363	0 %100
29	M78	X	-0.629	-0.629	0 %100
30	M78	Z	-0.363	-0.363	0 %100
31	MP3A	X	-0.497	-0.497	0 %100
32	MP3A	Z	-0.287	-0.287	0 %100
33	MP4A	X	-0.497	-0.497	0 %100
34	MP4A	Z	-0.287	-0.287	0 %100
35	MP2A	X	-0.497	-0.497	0 %100
36	MP2A	Z	-0.287	-0.287	0 %100
37	MP1A	X	-0.497	-0.497	0 %100
38	MP1A	Z	-0.287	-0.287	0 %100
39	MP3C	X	-0.497	-0.497	0 %100
40	MP3C	Z	-0.287	-0.287	0 %100
41	MP4C	X	-0.497	-0.497	0 %100
42	MP4C	Z	-0.287	-0.287	0 %100
43	MP2C	X	-0.497	-0.497	0 %100
44	MP2C	Z	-0.287	-0.287	0 %100
45	MP1C	X	-0.497	-0.497	0 %100
46	MP1C	Z	-0.287	-0.287	0 %100
47	MP3B	X	-0.497	-0.497	0 %100
48	MP3B	Z	-0.287	-0.287	0 %100
49	MP4B	X	-0.497	-0.497	0 %100
50	MP4B	Z	-0.287	-0.287	0 %100
51	MP2B	X	-0.497	-0.497	0 %100
52	MP2B	Z	-0.287	-0.287	0 %100
53	MP1B	X	-0.497	-0.497	0 %100
54	MP1B	Z	-0.287	-0.287	0 %100
55	M51B	X	-0.174	-0.174	0 %100
56	M51B	Z	-0.101	-0.101	0 %100
57	M52B	X	-0.697	-0.697	0 %100
58	M52B	Z	-0.402	-0.402	0 %100
59	M58A	X	-0.697	-0.697	0 %100
60	M58A	Z	-0.402	-0.402	0 %100
61	M59A	X	-0.174	-0.174	0 %100
62	M59A	Z	-0.101	-0.101	0 %100
63	M82	X	-0.174	-0.174	0 %100
64	M82	Z	-0.101	-0.101	0 %100
65	M83A	X	-0.174	-0.174	0 %100
66	M83A	Z	-0.101	-0.101	0 %100
67	M1	X	-0.183	-0.183	0 %100
68	M1	Z	-0.106	-0.106	0 %100
69	M82A	X	-0.183	-0.183	0 %100
70	M82A	Z	-0.106	-0.106	0 %100
71	M91B	X	-0.732	-0.732	0 %100
72	M91B	Z	-0.423	-0.423	0 %100
73	M76	X	-0.941	-0.941	0 %100
74	M76	Z	-0.543	-0.543	0 %100
75	M77	X	-0.32	-0.32	0 %100
76	M77	Z	-0.184	-0.184	0 %100
77	M84	X	-0.941	-0.941	0 %100
78	M84	Z	-0.543	-0.543	0 %100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
79	M85	X	-1.278	-1.278	0	%100
80	M85	Z	-0.738	-0.738	0	%100
81	M63	X	-0.941	-0.941	0	%100
82	M63	Z	-0.543	-0.543	0	%100
83	M64	X	-1.278	-1.278	0	%100
84	M64	Z	-0.738	-0.738	0	%100
85	M68	X	-0.941	-0.941	0	%100
86	M68	Z	-0.543	-0.543	0	%100
87	M69	X	-0.32	-0.32	0	%100
88	M69	Z	-0.184	-0.184	0	%100
89	M87	X	0	0	0	%100
90	M87	Z	0	0	0	%100
91	M88A	X	-0.32	-0.32	0	%100
92	M88A	Z	-0.184	-0.184	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	0	0	0	%100
95	M93	X	-0.32	-0.32	0	%100
96	M93	Z	-0.184	-0.184	0	%100
97	M46	X	-0.314	-0.314	0	%100
98	M46	Z	-0.181	-0.181	0	%100
99	M80	X	-0.337	-0.337	0	%100
100	M80	Z	-0.194	-0.194	0	%100
101	M91	X	-1.346	-1.346	0	%100
102	M91	Z	-0.777	-0.777	0	%100
103	M55	X	-0.314	-0.314	0	%100
104	M55	Z	-0.181	-0.181	0	%100
105	M66	X	-1.346	-1.346	0	%100
106	M66	Z	-0.777	-0.777	0	%100
107	M71	X	-0.337	-0.337	0	%100
108	M71	Z	-0.194	-0.194	0	%100
109	M79A	X	-1.255	-1.255	0	%100
110	M79A	Z	-0.725	-0.725	0	%100
111	M90	X	-0.337	-0.337	0	%100
112	M90	Z	-0.194	-0.194	0	%100
113	M95	X	-0.337	-0.337	0	%100
114	M95	Z	-0.194	-0.194	0	%100
115	OVP1	X	-0.406	-0.406	0	%100
116	OVP1	Z	-0.235	-0.235	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M121	X	0	0	0	%100
2	M121	Z	0	0	0	%100
3	M122	X	-0.238	-0.238	0	%100
4	M122	Z	-0.412	-0.412	0	%100
5	M123	X	-0.238	-0.238	0	%100
6	M123	Z	-0.412	-0.412	0	%100
7	M100	X	-0.215	-0.215	0	%100
8	M100	Z	-0.373	-0.373	0	%100
9	M105	X	0	0	0	%100
10	M105	Z	0	0	0	%100
11	M106	X	-0.215	-0.215	0	%100
12	M106	Z	-0.373	-0.373	0	%100
13	M4	X	-0.107	-0.107	0	%100
14	M4	Z	-0.186	-0.186	0	%100
15	M52A	X	-0.429	-0.429	0	%100



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

Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
16	M52A	Z	- .744	- .744	0 %100
17	M76A	X	- .107	- .107	0 %100
18	M76A	Z	- .186	- .186	0 %100
19	M10	X	- .272	- .272	0 %100
20	M10	Z	- .472	- .472	0 %100
21	M43	X	- .272	- .272	0 %100
22	M43	Z	- .472	- .472	0 %100
23	M53	X	0	0	0 %100
24	M53	Z	0	0	0 %100
25	M54	X	0	0	0 %100
26	M54	Z	0	0	0 %100
27	M77A	X	- .272	- .272	0 %100
28	M77A	Z	- .472	- .472	0 %100
29	M78	X	- .272	- .272	0 %100
30	M78	Z	- .472	- .472	0 %100
31	MP3A	X	- .287	- .287	0 %100
32	MP3A	Z	- .497	- .497	0 %100
33	MP4A	X	- .287	- .287	0 %100
34	MP4A	Z	- .497	- .497	0 %100
35	MP2A	X	- .287	- .287	0 %100
36	MP2A	Z	- .497	- .497	0 %100
37	MP1A	X	- .287	- .287	0 %100
38	MP1A	Z	- .497	- .497	0 %100
39	MP3C	X	- .287	- .287	0 %100
40	MP3C	Z	- .497	- .497	0 %100
41	MP4C	X	- .287	- .287	0 %100
42	MP4C	Z	- .497	- .497	0 %100
43	MP2C	X	- .287	- .287	0 %100
44	MP2C	Z	- .497	- .497	0 %100
45	MP1C	X	- .287	- .287	0 %100
46	MP1C	Z	- .497	- .497	0 %100
47	MP3B	X	- .287	- .287	0 %100
48	MP3B	Z	- .497	- .497	0 %100
49	MP4B	X	- .287	- .287	0 %100
50	MP4B	Z	- .497	- .497	0 %100
51	MP2B	X	- .287	- .287	0 %100
52	MP2B	Z	- .497	- .497	0 %100
53	MP1B	X	- .287	- .287	0 %100
54	MP1B	Z	- .497	- .497	0 %100
55	M51B	X	0	0	0 %100
56	M51B	Z	0	0	0 %100
57	M52B	X	- .302	- .302	0 %100
58	M52B	Z	- .523	- .523	0 %100
59	M58A	X	- .302	- .302	0 %100
60	M58A	Z	- .523	- .523	0 %100
61	M59A	X	- .302	- .302	0 %100
62	M59A	Z	- .523	- .523	0 %100
63	M82	X	- .302	- .302	0 %100
64	M82	Z	- .523	- .523	0 %100
65	M83A	X	0	0	0 %100
66	M83A	Z	0	0	0 %100
67	M1	X	- .317	- .317	0 %100
68	M1	Z	- .549	- .549	0 %100
69	M82A	X	0	0	0 %100
70	M82A	Z	0	0	0 %100
71	M91B	X	- .317	- .317	0 %100
72	M91B	Z	- .549	- .549	0 %100





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
73	M76	X	- .181	- .181	0	%100
74	M76	Z	- .314	- .314	0	%100
75	M77	X	0	0	0	%100
76	M77	Z	0	0	0	%100
77	M84	X	- .181	- .181	0	%100
78	M84	Z	- .314	- .314	0	%100
79	M85	X	- .553	- .553	0	%100
80	M85	Z	- .959	- .959	0	%100
81	M63	X	- .725	- .725	0	%100
82	M63	Z	- 1.255	- 1.255	0	%100
83	M64	X	- .553	- .553	0	%100
84	M64	Z	- .959	- .959	0	%100
85	M68	X	- .725	- .725	0	%100
86	M68	Z	- 1.255	- 1.255	0	%100
87	M69	X	- .553	- .553	0	%100
88	M69	Z	- .959	- .959	0	%100
89	M87	X	- .181	- .181	0	%100
90	M87	Z	- .314	- .314	0	%100
91	M88A	X	- .553	- .553	0	%100
92	M88A	Z	- .959	- .959	0	%100
93	M92A	X	- .181	- .181	0	%100
94	M92A	Z	- .314	- .314	0	%100
95	M93	X	0	0	0	%100
96	M93	Z	0	0	0	%100
97	M46	X	- .543	- .543	0	%100
98	M46	Z	- .941	- .941	0	%100
99	M80	X	0	0	0	%100
100	M80	Z	0	0	0	%100
101	M91	X	- .583	- .583	0	%100
102	M91	Z	- 1.01	- 1.01	0	%100
103	M55	X	0	0	0	%100
104	M55	Z	0	0	0	%100
105	M66	X	- .583	- .583	0	%100
106	M66	Z	- 1.01	- 1.01	0	%100
107	M71	X	- .583	- .583	0	%100
108	M71	Z	- 1.01	- 1.01	0	%100
109	M79A	X	- .543	- .543	0	%100
110	M79A	Z	- .941	- .941	0	%100
111	M90	X	- .583	- .583	0	%100
112	M90	Z	- 1.01	- 1.01	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	0	0	0	%100
115	OVP1	X	- .235	- .235	0	%100
116	OVP1	Z	- .406	- .406	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M58A	Y	- 1.597	- 4.066	0	.832
2	M58A	Y	- 4.066	- 6.636	.832	1.665
3	M58A	Y	- 6.636	- 7.874	1.665	2.497
4	M58A	Y	- 7.874	- 6.293	2.497	3.329
5	M58A	Y	- 6.293	- 3.33	3.329	4.162
6	M59A	Y	- 3.329	- 6.32	0	.832
7	M59A	Y	- 6.32	- 7.943	.832	1.665
8	M59A	Y	- 7.943	- 6.773	1.665	2.497
9	M59A	Y	- 6.773	- 4.256	2.497	3.329





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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
10	M59A	Y	-4.256	-1.812	3.329	4.162
11	M51B	Y	-1.807	-4.258	0	.832
12	M51B	Y	-4.258	-6.771	.832	1.665
13	M51B	Y	-6.771	-7.939	1.665	2.497
14	M51B	Y	-7.939	-6.325	2.497	3.329
15	M51B	Y	-6.325	-3.336	3.329	4.162
16	M52B	Y	-3.33	-6.293	0	.832
17	M52B	Y	-6.293	-7.874	.832	1.665
18	M52B	Y	-7.874	-6.634	1.665	2.497
19	M52B	Y	-6.634	-4.064	2.497	3.329
20	M52B	Y	-4.064	-1.601	3.329	4.162
21	M82	Y	-1.812	-4.256	0	.832
22	M82	Y	-4.256	-6.773	.832	1.665
23	M82	Y	-6.773	-7.943	1.665	2.497
24	M82	Y	-7.943	-6.32	2.497	3.329
25	M82	Y	-6.32	-3.329	3.329	4.162
26	M83A	Y	-3.33	-6.293	0	.832
27	M83A	Y	-6.293	-7.874	.832	1.665
28	M83A	Y	-7.874	-6.636	1.665	2.497
29	M83A	Y	-6.636	-4.066	2.497	3.329
30	M83A	Y	-4.066	-1.597	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M58A	Y	-3.355	-8.538	0	.832
2	M58A	Y	-8.538	-13.936	.832	1.665
3	M58A	Y	-13.936	-16.535	1.665	2.497
4	M58A	Y	-16.535	-13.215	2.497	3.329
5	M58A	Y	-13.215	-6.993	3.329	4.162
6	M59A	Y	-6.99	-13.273	0	.832
7	M59A	Y	-13.273	-16.68	.832	1.665
8	M59A	Y	-16.68	-14.224	1.665	2.497
9	M59A	Y	-14.224	-8.937	2.497	3.329
10	M59A	Y	-8.937	-3.805	3.329	4.162
11	M51B	Y	-3.795	-8.942	0	.832
12	M51B	Y	-8.942	-14.219	.832	1.665
13	M51B	Y	-14.219	-16.671	1.665	2.497
14	M51B	Y	-16.671	-13.282	2.497	3.329
15	M51B	Y	-13.282	-7.006	3.329	4.162
16	M52B	Y	-6.992	-13.215	0	.832
17	M52B	Y	-13.215	-16.535	.832	1.665
18	M52B	Y	-16.535	-13.932	1.665	2.497
19	M52B	Y	-13.932	-8.535	2.497	3.329
20	M52B	Y	-8.535	-3.363	3.329	4.162
21	M82	Y	-3.805	-8.937	0	.832
22	M82	Y	-8.937	-14.224	.832	1.665
23	M82	Y	-14.224	-16.68	1.665	2.497
24	M82	Y	-16.68	-13.273	2.497	3.329
25	M82	Y	-13.273	-6.99	3.329	4.162
26	M83A	Y	-6.993	-13.215	0	.832
27	M83A	Y	-13.215	-16.535	.832	1.665
28	M83A	Y	-16.535	-13.936	1.665	2.497
29	M83A	Y	-13.936	-8.538	2.497	3.329
30	M83A	Y	-8.538	-3.355	3.329	4.162



**Member Area Loads (BLC 39 : Structure D)**

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N113	N111	N89	N90	Y	Two Way	-.005
2	N7	N87B	N87C	N6	Y	Two Way	-.005
3	N141	N118	N117	N139	Y	Two Way	-.005

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N113	N111	N89	N90	Y	Two Way	-.011
2	N7	N87B	N87C	N6	Y	Two Way	-.011
3	N141	N118	N117	N139	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	N3	max	1205.463	10	2617.742	13	2678.367	1	6.103	1	1.527	4	.231	4
2		min	-1221.371	4	-12.02	7	-2836.826	7	-1.895	7	-1.547	10	-.094	10
3	N87D	max	2449.977	9	2523.631	21	1480.291	3	1.167	3	1.32	12	1.865	3
4		min	-2579.912	3	-163.86	3	-1386.489	9	-3.168	9	-1.341	6	-5.573	9
5	N115	max	2317.306	11	2480.555	17	1420.449	1	.856	11	1.408	8	5.194	5
6		min	-2171.048	5	-62.287	11	-1356.846	7	-3.048	5	-1.426	2	-1.631	11
7	Totals:	max	5724.01	10	6810.527	14	5448.932	1						
8		min	-5724.009	4	3247.406	8	-5448.923	7						

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

Member	Shape	Code Check	Loc[ft]	LC	Sh...	Lo.....	LC	phi*...	phi*...	phi*...	phi*...	Eqn
1	MP3B PIPE...	.612	5.5	9	.150	5.5	6	1491.	.32130	1.872	1.872	H1-...
2	MP2A PIPE...	.583	5.5	9	.158	5.5	10	1491.	.32130	1.872	1.872	H1-...
3	MP3A PIPE...	.569	5.5	4	.163	5.5	2	1491.	.32130	1.872	1.872	H1-...
4	MP3C PIPE...	.560	5.5	1	.166	5.5	10	1491.	.32130	1.872	1.872	H1-...
5	MP2B PIPE...	.557	5.5	2	.162	2.5	10	1491.	.32130	1.872	1.872	H1-...
6	MP2C PIPE...	.542	5.5	5	.160	2.5	2	1491.	.32130	1.872	1.872	H1-...
7	M121 L2.5x2...	.526	0	10	.214	.448z	6	3773.	.38556	1.114	2.537	H2-1
8	M122 L2.5x2...	.521	0	3	.238	0 z	10	3773.	.38556	1.114	2.537	H2-1
9	M123 L2.5x2...	.514	0	7	.235	0 z	2	3773.	.38556	1.114	2.537	H2-1
10	MP4B PIPE...	.487	5.5	10	.269	2.5	11	1491.	.32130	1.872	1.872	H3-6
11	M106 PIPE...	.479	11.068	9	.225	1....	10	6295.	.32130	1.872	1.872	H1-...
12	MP4C PIPE...	.451	2.5	3	.281	2.5	3	1491.	.32130	1.872	1.872	H3-6
13	MP1A PIPE...	.451	5.5	8	.277	2.5	7	1491.	.32130	1.872	1.872	H3-6
14	MP1C PIPE...	.445	5.5	4	.291	2.5	3	1491.	.32130	1.872	1.872	H3-6
15	M105 PIPE...	.444	11.068	1	.222	1....	3	6295.	.32130	1.872	1.872	H1-...
16	M100 PIPE...	.441	11.068	5	.216	1....	7	6295.	.32130	1.872	1.872	H1-...
17	MP4A PIPE...	.435	5.5	5	.269	2.5	7	1491.	.32130	1.872	1.872	H1-...
18	M52A HSS4...	.410	0	9	.074	0 y	22	1246.	.1395...	.16.1...	.16.1...	H1-...
19	MP1B PIPE...	.393	5.5	1	.281	2.5	11	1491.	.32130	1.872	1.872	H1-...
20	M4 HSS4...	.392	0	1	.080	0 y	14	1246.	.1395...	.16.1...	.16.1...	H1-...
21	M76A HSS4...	.385	0	4	.097	0 y	30	1246.	.1395...	.16.1...	.16.1...	H1-...
22	M87 PL3/8x6	.349	0	2	.260	0 y	9	7067.	.72900	.57	9.113	H1-...
23	M76 PL3/8x6	.349	0	10	.244	0 y	5	7067.	.72900	.57	9.113	H1-...
24	M69 PL3/8x6	.309	.167	3	.341	0 y	21	7160.	.72900	.57	9.113	H1-...
25	M63 PL3/8x6	.304	0	6	.246	0 y	2	7067.	.72900	.57	9.113	H1-...
26	M84 PL3/8x6	.290	0	10	.330	0 y	9	7067.	.72900	.57	9.113	H1-...
27	M64 PL3/8x6	.287	.167	3	.355	0 y	21	7160.	.72900	.57	9.113	H1-...
28	M93 PL3/8x6	.281	.167	11	.337	0 y	16	7160.	.72900	.57	9.113	H1-...
29	M85 PL3/8x6	.277	.167	7	.336	0 y	13	7160.	.72900	.57	9.113	H1-...



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

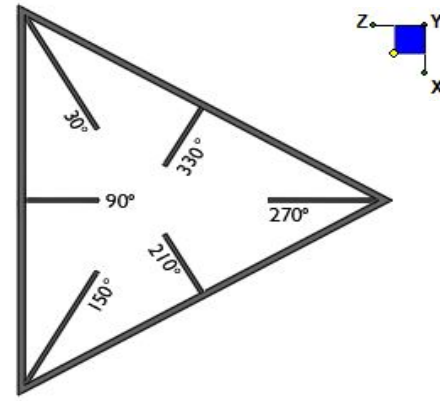
Member	Shape	Code Check	Loc[ft]	LC	Sh...	Lo.....	LC	phi*...	phi*...	phi*...	phi*...	Eqn
30	M92A	PL3/8x6	.267	0	2	.313	0 y	1	7067.	72900	.57	9.113 ...H1-..
31	M77	PL3/8x6	.257	.167	8	.350	0 y	14	7160.	72900	.57	9.113 ...H1-..
32	M88A	PL3/8x6	.256	.167	11	.351	0 y	17	7160.	72900	.57	9.113 ...H1-..
33	M68	PL3/8x6	.245	0	6	.318	0 y	4	7067.	72900	.57	9.113 ...H1-..
34	M55	PL1/2x6	.199	.516	9	.126	.516y	7	6600.	97200	1.012	12.15 ...H1-..
35	M1	PIPE_...	.198	7.682	9	.149	7....	7	2825.	65205	5.749	5.749 ...H1-..
36	M91B	PIPE_...	.186	7.682	2	.146	7....	11	2825.	65205	5.749	5.749 ...H1-..
37	M53	HSS4...	.183	2.375	10	.061	.223z	9	1362.	1395.	16.1...	16.1...H1-..
38	M82A	PIPE_...	.183	7.682	5	.154	7....	3	2825.	65205	5.749	5.749 ...H1-..
39	M79A	PL1/2x6	.180	.516	5	.135	.516y	3	6600.	97200	1.012	12.15 ...H1-..
40	M10	HSS4...	.179	2.375	2	.056	.223z	1	1362.	1395.	16.1...	16.1...H1-..
41	M46	PL1/2x6	.179	.516	1	.129	1....y	4	6600.	97200	1.012	12.15 ...H1-..
42	M54	HSS4...	.178	0	8	.061	2....z	9	1362.	1395.	16.1...	16.1...H1-..
43	M78	HSS4...	.177	0	4	.056	2....z	5	1362.	1395.	16.1...	16.1...H1-..
44	M77A	HSS4...	.175	2.375	18	.056	.223z	5	1362.	1395.	16.1...	16.1...H1-..
45	M43	HSS4...	.168	0	24	.055	2....z	1	1362.	1395.	16.1...	16.1...H1-..
46	M58A	L2x2x3	.167	4.162	9	.012	4....y	13	9823.	2339.	.558	1.078 ...H2-1
47	M59A	L2x2x3	.165	0	9	.012	4....y	17	9823.	2339.	.558	1.078 ...H2-1
48	M51B	L2x2x3	.156	4.162	2	.012	0 y	17	9823.	2339.	.558	1.091 ...H2-1
49	M82	L2x2x3	.151	4.162	5	.012	0 y	21	9823.	2339.	.558	1.078 ...H2-1
50	M83A	L2x2x3	.151	0	4	.012	4....y	13	9823.	2339.	.558	1.092 ...H2-1
51	M52B	L2x2x3	.147	0	1	.012	4....y	21	9823.	2339.	.558	1.078 ...H2-1
52	M71	PL1/2x6	.089	.112	9	.118	.112y	5	9675.	97200	1.012	12.15 ...H1-..
53	M66	PL1/2x6	.085	.112	9	.121	0 y	7	9675.	97200	1.012	12.15 ...H1-..
54	M95	PL1/2x6	.082	.112	5	.118	.112y	1	9675.	97200	1.012	12.15 ...H1-..
55	M91	PL1/2x6	.081	.112	1	.129	.112y	9	9675.	97200	1.012	12.15 ...H1-..
56	M90	PL1/2x6	.077	.112	5	.132	0 y	3	9675.	97200	1.012	12.15 ...H1-..
57	M80	PL1/2x6	.077	.112	1	.122	0 y	11	9675.	97200	1.012	12.15 ...H1-..
58	OVP1	PIPE_...	.047	1.5	12	.017	1.5	12	2884.	32130	1.872	1.872 ...H1-..



## I. Mount-to-Tower Connection Check

### RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
N3	270
N115	150
N87D	30

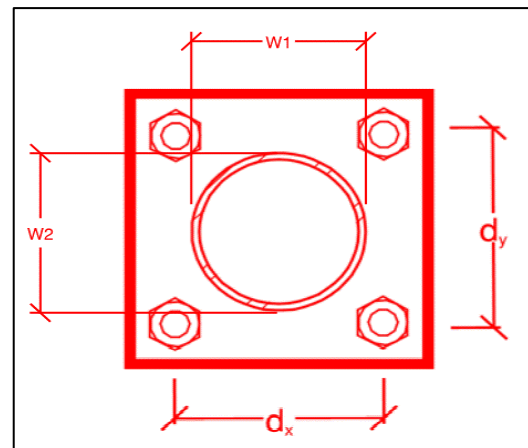


TYPICAL PLATFORM

### Tower Connection Bolt Checks

Any moment resistance?:  
 Bolt Quantity per Reaction:  
 $d_x$  (in) (Delta X of typ. bolt config. sketch) :  
 $d_y$  (in) (Delta Y of typ. bolt config. sketch) :  
 Bolt Type:  
 Bolt Diameter (in):  
 Required Tensile Strength (kips):  
 Required Shear Strength (kips):  
 Tensile Strength / bolt (kips):  
 Shear Strength / bolt (kips):  
 Tensile Capacity Overall:  
 Shear Capacity Overall:

yes
4
6
6
A325N
0.75
21.5
4.5
29.8
17.9
<b>18.0%*</b>
<b>6.4%</b>



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

### Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:  
 Plate Width (in):  
 Plate Height (in):  
 $w_1$  (in):  
 $w_2$  (in):  
 $F_y$  (ksi, plate):  
 $t_{plate}$  (in):  
 Weld Size (1/16 in):  
 $\Phi * R_n$  (kip/in):  
 Required Weld Strength (kip/in):  
 Plate Bending Capacity:  
 Weld Capacity:

Rect
8
8
4
4
36
0.625
6
8.35
2.89
<b>42.8%</b>
<b>34.6%</b>

### Max Plate Bending Strengths

$Mu_{xx}$ (kip-in) :	10.7
$\Phi * Mn_{xx}$ (kip-in) :	25.3
$Mu_{yy}$ (kip-in) :	0.1
$\Phi * Mn_{yy}$ (kip-in) :	25.3

# Mount Desktop – Post Modification Inspection (PMI) Report Requirements

## Documents & Photos Required from Contractor – **New Mount Passing MA**

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](mailto:pmisupport@colliersengineering.com)

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**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 of mounts. 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.
- Photos of each installed mount; pictures shall also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
- Photos showing the installed mount elevation.

**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 to remove and replace existing mount with Site Pro 1 Part #: RMQP-496 and Site Pro 1 Part #: HRK12.
- Contractor shall install the mount such that the Alpha Sector mount azimuth is the same as the Alpha Sector antenna azimuth.
- Contractor shall install the Site Pro 1 Part #: HRK12 Kit to match the configuration in the rendered view of the mount analysis. Install support rail 36" above the face horizontal.
- Contractor shall install four (4) 96" long, P2 STD mount pipes in all positions of each sector. All pipes are equally spaced with top of pipe 66" above the face horizontal.
- Contractor to install one (1) OVP pipe mount, 36" long, P2 STD on the standoff horizontal located between the Beta and Gamma Sectors. Connect to proposed standoff horizontal at 6" from standoff end closest to tower using VZWSMART-MSK6 crossover plate. Pipe to be cantilevered 1'-6" above the standoff horizontal. OVP to be installed 1'-0" below the top of the proposed OVP pipe.

**Response:**

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

- Yes       No

**Comments:**

**New Mount Certification:**

- The contractor certifies that the New Mount installed is as specified in the Passing Mount Analysis.
- The contractor notes that the New Mount installed is not as specified and engineering approval was received for the New Mount installed.

**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.

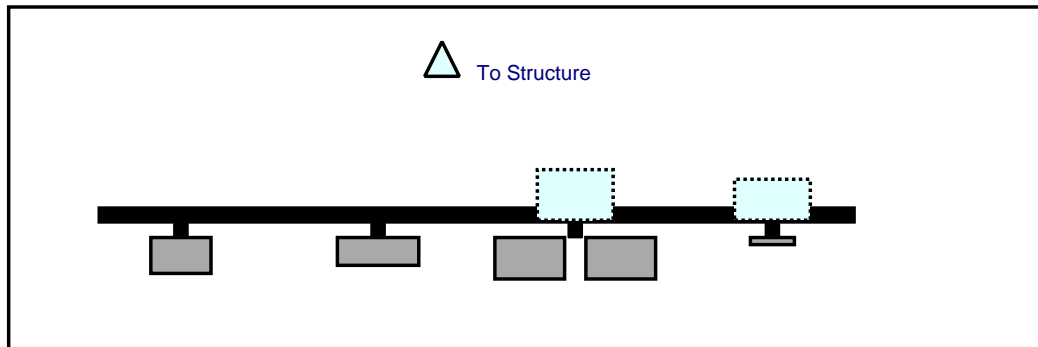
**Special Instruction Confirmation:**

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

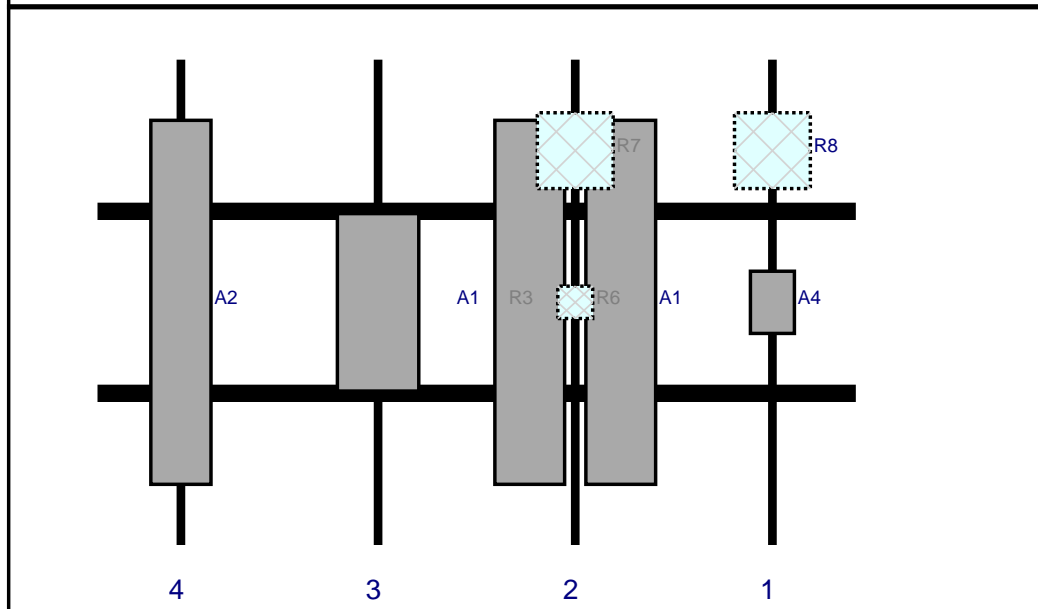
**Certifying Individual:**

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

Plan View



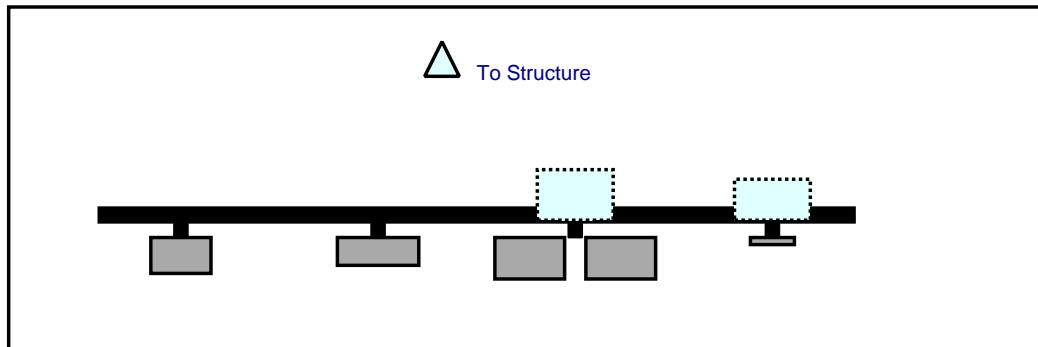
Front View  
Looking at Structure



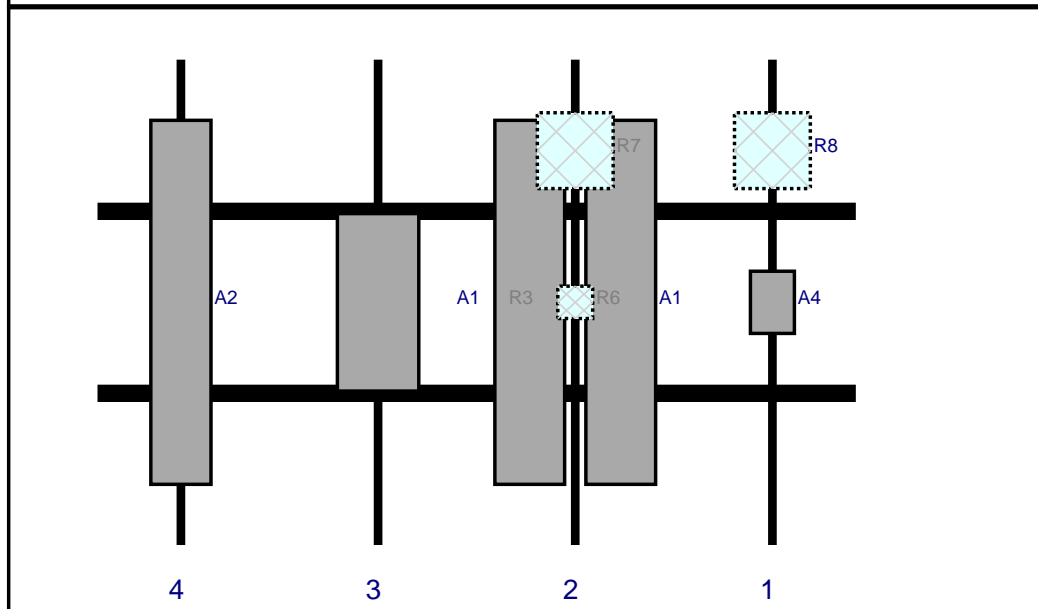
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A4	XXDWMM-12.5-65	12.3	8.7	133.5	1	a	Front	48	0	Added	
R8	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	133.5	1	a	Behind	18	0	Added	
A1	JAHH-65B-R3B	72	13.8	94.5	2	a	Front	48	9	Retained	
A1	JAHH-65B-R3B	72	13.8	94.5	2	b	Front	48	-9	Retained	
R6	CBC78T-DS-43	6.4	6.9	94.5	2	a	Behind	48	0	Added	
R7	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	94.5	2	a	Behind	18	0	Added	
R3	MT6407-77A	35.1	16.1	55.5	3	a	Front	48	0	Added	
A2	LNx-6514DS-VTM	72	11.9	16.5	4	a	Front	48	0	Retained	



Plan View

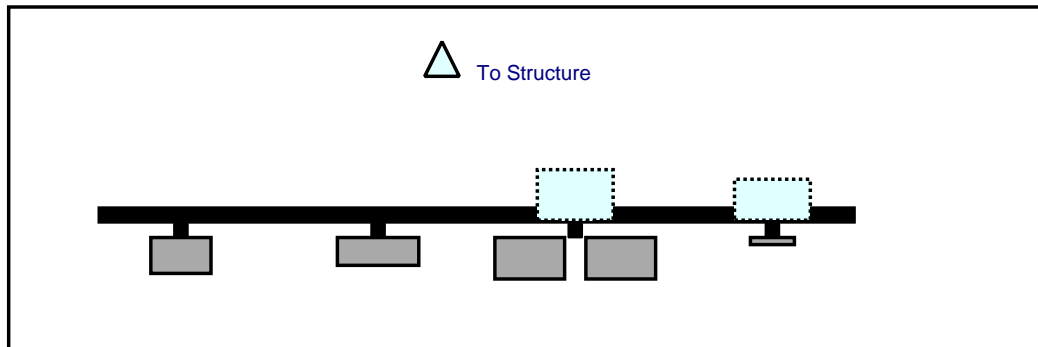


Front View  
Looking at Structure

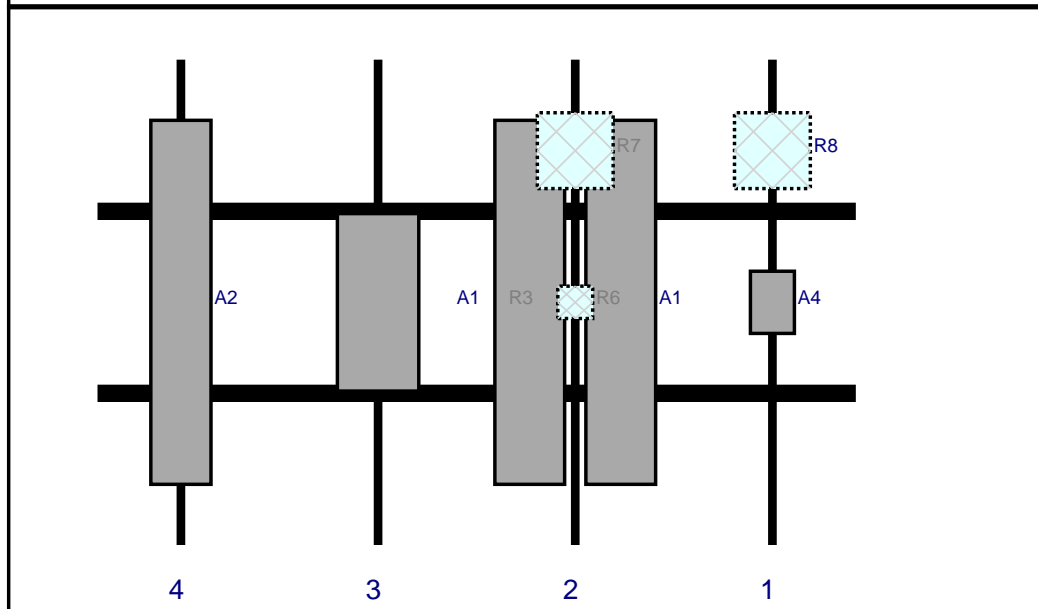


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Plan View



Front View  
Looking at Structure



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A2	LNx-6514DS-VTM	72	11.9	16.5	4	a	Front	48	0	Retained	

**Subject***TIA-222-H Usage***Site Information**

*Site ID: 468218-VZW / NORTH HAVEN 2 CT*  
*Site Name: NORTH HAVEN 2 CT*  
*Carrier Name: Verizon Wireless*  
*Address: 15 Dwight St*  
*North Haven, Connecticut 06473*  
*New Haven County*  
*Latitude: 41.420792°*  
*Longitude: -72.848803°*

**Structure Information**

*Tower Type: 150-Ft Monopole*  
*Mount Type: 12.50-Ft Platform*

To Whom It May Concern,

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

The 2015 International Building Code states that, in Section 3108, telecommunication towers shall be designed and constructed in accordance with the provisions of TIA-222. 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, PE  
Technical Manager

Site Name: **NORTH HAVEN 2 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 <sup>2</sup> )	(mW/cm <sup>2</sup> )	(%)
VZW 700	751	4	642	2570	108	0.0079	0.5007	1.58%
VZW CDMA	878.49	2	388	776	108	0.0024	0.5857	0.41%
VZW Cellular	874	4	742	2969	108	0.0092	0.5827	1.57%
VZW PCS	1975	4	1514	6057	108	0.0187	1.0000	1.87%
VZW AWS	2120	4	1484	5937	108	0.0183	1.0000	1.83%
VZW CBRS	3625	4	56	222	108	0.0007	1.0000	0.07%
VZW CBAND	3730.08	4	6531	26125	108	0.0805	1.0000	8.05%

**Total Percentage of Maximum Permissible Exposure** 15.38%

\*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

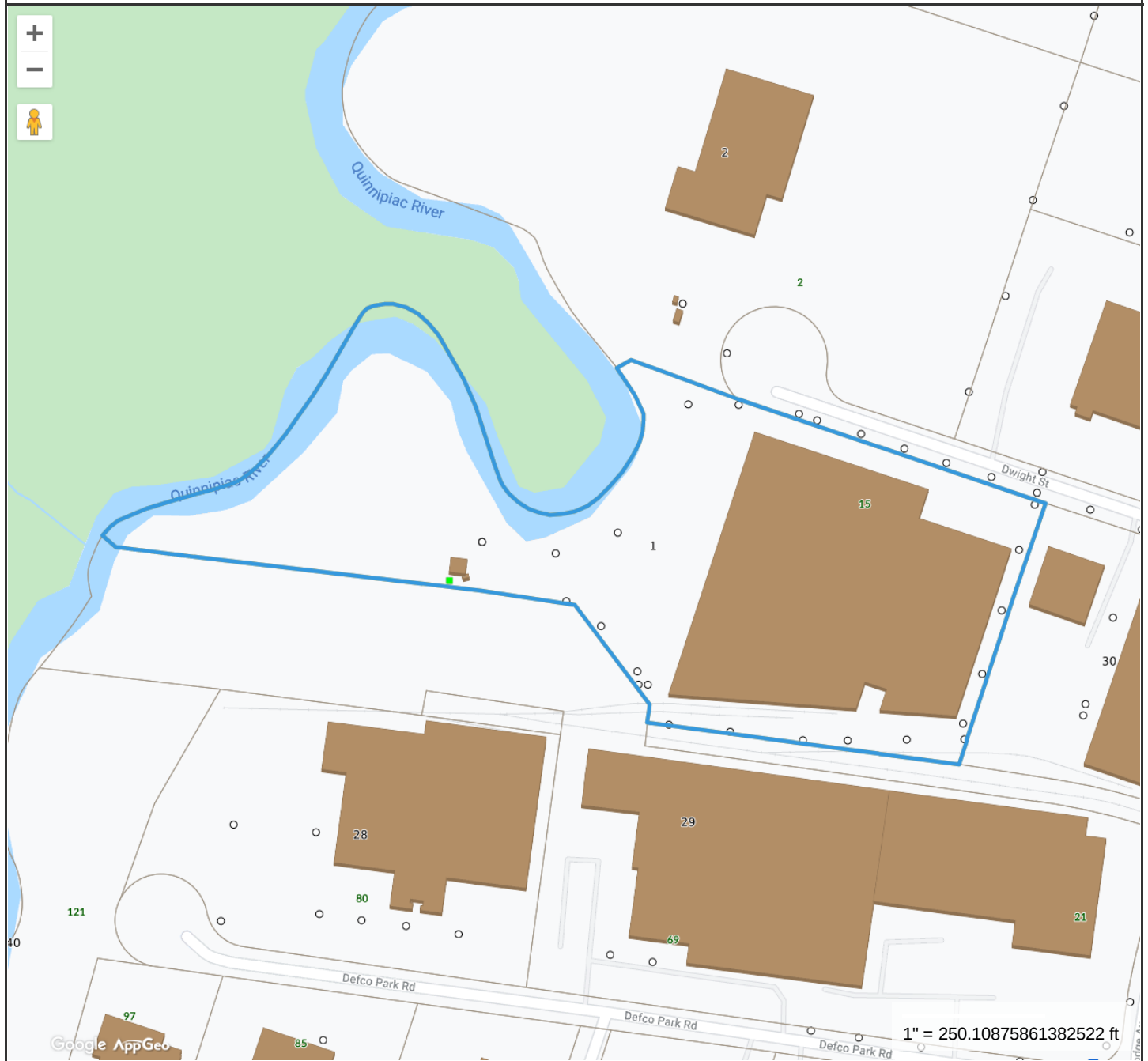
MHz = Megahertz

mW/cm<sup>2</sup> = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.

### 302482-North Haven CT 1



**Property Information**

**Property ID** 100/1  
**Location** 15 DWIGHT ST  
**Owner** 15 DWIGHT STREET LLC



**MAP FOR REFERENCE ONLY  
NOT A LEGAL DOCUMENT**

Town of North Haven, CT makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 3/24/2021  
Data updated daily

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

The Assessor's office is responsible for the maintenance of records on the ownership of properties. Assessments are computed at 70% of the estimated market value of real property at the time of the last revaluation which was 2019.



# Town of North Haven

## CONNECTICUT

Information on the Property Records for the Municipality of North Haven was last updated on 11/16/2021.



### Parcel Information

Location:	15 DWIGHT ST	Property Use:	Industrial	Primary Use:	Warehouse
Unique ID:	338330	Map Block Lot:	100 001	Acres:	11.99
490 Acres:	0.00	Zone:	IL80	Volume / Page:	0529/0023
Developers Map / Lot:		Census:	1672		

### Value Information

	Appraised Value	Assessed Value
Land	1,080,338	756,230
Buildings	5,027,994	3,519,600
Detached Outbuildings	614,480	430,140

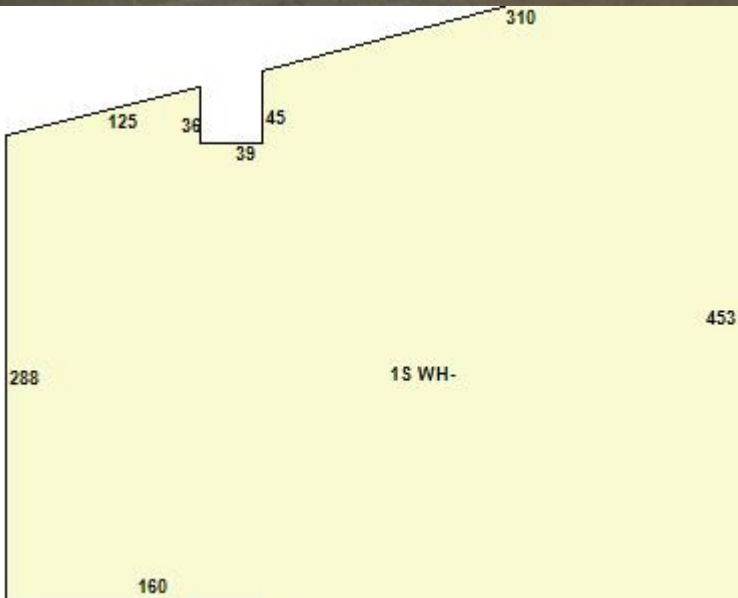
	Appraised Value	Assessed Value
Total	6,722,812	4,705,970

## Owner's Information

### Owner's Data

15 DWIGHT STREET LLC  
 C/O NEIL F CARRANO  
 11 SAGAMORE TERR SO  
 WESTBROOK CT 06498-2107

## Building 1



Category:	Industrial	Use:	Warehouse	GLA:	171,555
Stories:	1.00	Construction:	Steel	Year Built:	1981
Heating:	Forced Hot Air	Fuel:	Natural Gas	Cooling Percent:	5
Siding:	Pre-Cast Concrete	Roof Material:	Metal	Beds/Units:	0

### Special Features

Dock Leveler	1
Mezzanine Office/Retail	2500
Wet Sprinklers	171555

### Attached Components

### Detached Outbuildings

Type:	Year Built:	Length:	Width:	Area:
4 Ft Chain Fence	1990	0.00	0.00	16,000
Paving	1981	0.00	0.00	80,000
Cell Tower	2010	0.00	0.00	1
Building Utility	2010	0.00	0.00	160

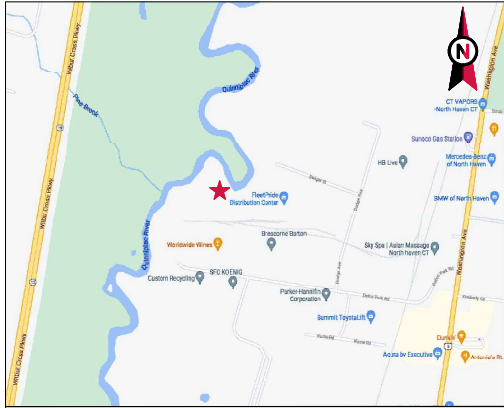
### Owner History - Sales

Owner Name	Volume	Page	Sale Date	Deed Type	Sale Price
15 DWIGHT STREET LLC	0529	0023	09/28/1998		\$0
V J C REALTY % CARRANOS	0318	0434	10/02/1981		\$0
V J C REALTY	0310	0253	11/15/1979		\$0



## Building Permits

Permit Number	Permit Type	Date Opened	Reason
B-20-1207	Commercial	12/29/2020	AT&T EQUIPMENT MODIFICATIONS - SWAPPING ANTENNAS AND REMOTE RADIO UNITS (RRUS), ADDING RRUS AND OTH
B-19-552	Commercial	07/08/2019	REPLACE (3) EXISTING ANTENNAS WITH (3) NEW ANTENNAS & ADD AN ADDITIONAL (3) NEW ANTENNAS & ASSOCIAT
B-18-803	Miscellaneous	10/31/2018	REPLACE THREE (3) EXISTING ANTENNAS WITH THREE (3) NEW ANTENNAS & ADD AN ADDITIONAL THREE (3) NEW A
B-18-318	Commercial	06/26/2018	REMOVE AND REPLACE 6 ANTENNAS, ADD 9 NEW REMOTE RADIO HEADS (RRHs).
B-18-440	Commercial	06/26/2018	AT&T ADD 3-ANTENNAS, 3-RRV'S, 3-CABINETS AND ASSOCIATED FIBER CABLE TO TOWER / FIBER BOX ASSOC. CON
B-15-196	Commercial	07/23/2015	CELL TOWER/EQUIPMENT - SEE PERMIT FOR DETAILS
B-14-478	Commercial	10/03/2014	ADD 3 ANTENNA PANELS & 3 REMOTE RADIO HEADS & REPLACING ANOTHER PANEL WITH NEW MODEL ON EXISTING TO
.	Electrical	06/23/2014	HVAC UNIT ON ROOF BEING REPLACED, ELECTRIC WORK ONLY TO DISCONNECT OLD UNIT AND RECONNECT NEW UNIT.
	Mechanical	06/18/2014	FLEETPRIDE BUILDING
B-13-754	Commercial	12/19/2013	NEW EQUIPMENT CELL TOWER
B-13-423	Commercial	07/19/2013	INSTALL WALL SIGN
E-10-0743	Electrical	08/02/2010	SVC FOR NEW EQ
B-10-0127	Commercial	02/22/2010	REPL 12 ANTENNAE
E-10-0102	Electrical	02/03/2010	INST EQ AT EXISTING CELL SITE
07-410	Miscellaneous	08/08/2007	NEW 400 AMP SER
03-1329	Miscellaneous	12/17/2003	PLUMBING/FIRE S
81	Miscellaneous	02/05/2001	ELECTRICAL



VICINITY MAP



**AMERICAN TOWER®**


ATC SITE NAME: NORTH HAVEN CT 1  
 ATC SITE NUMBER: 302482  
 VERIZON SITE NAME: NORTH HAVEN 2 CT  
 VERIZON SITE NUMBER: 468218  
 SITE ADDRESS: 15 DWIGHT ST.  
 NORTH HAVEN, CT 06473



LOCATION MAP

**VERIZON  
 5G L-SUB6 - CARRIER ADD ANTENNA AMENDMENT DRAWINGS**

COMPLIANCE CODE	PROJECT SUMMARY	PROJECT DESCRIPTION	SHEET INDEX					
ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.  1. 2018 CONNECTICUT STATE BUILDING CODE-AMENDMENTS TO IBC 2015 2. INTERNATIONAL BUILDING CODE 2015, INTERNATIONAL CODE COUNCIL 3. TIA-222-G-4, STRUCTURAL STANDARD FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS 4. ASCE 7-10 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, AMERICAN SOCIETY OF CIVIL ENGINEERS 5. STEEL CONSTRUCTION MANUAL 14TH EDITION, AMERICAN INSTITUTE OF STEEL CONSTRUCTION 6. CITY/COUNTY ORDINANCES	<u>SITE ADDRESS:</u> 15 DWIGHT ST. NORTH HAVEN, CT 06473 COUNTY: NEW HAVEN <u>GEOGRAPHIC COORDINATES:</u> LATITUDE: 41.4208 LONGITUDE: -72.8488 GROUND ELEVATION: 26' AMSL	THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW. <u>TOWER WORK:</u> REMOVE (3) ANTENNA(S) AND (12) RRH(S) INSTALL (6) ANTENNA(S), (12) RRH(S), (3) DIPLEXERS EXISTING (9) ANTENNA(S), (1) OVP, (2) 6X12 1-5/8" HYBRID CABLE(S) AND (6) 1-5/8" COAX CABLE(S) TO REMAIN	SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:	
	<u>PROJECT TEAM</u>  <u>TOWER OWNER:</u> AMERICAN TOWER 10 PRESIDENTIAL WAY WOBURN, MA 01801  <u>ENGINEER:</u> DEWBERRY ENGINEERS, INC. 99 SUMMER STREET SUITE 700 BOSTON, MA 02110  <u>PROPERTY OWNER:</u> 15 DWIGHT STREET LLC 11 SAGAMORE TERR SO WESTBROOK, CT 064982107	<u>APPLICANT:</u> VERIZON WIRELESS 118 FLANDERS ROAD WESTBOROUGH, MA 01581	<u>PROJECT NOTES</u>  1. THE FACILITY IS UNMANNED. 2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE. 3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE. 4. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED. 5. HANDICAP ACCESS IS NOT REQUIRED. 6. THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. 1455(A) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION REMOVAL AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR 1.61000 (B)(7).	G-001	TITLE SHEET	0	11/12/21	BR
	<u>UTILITY COMPANIES</u>  POWER COMPANY: N/A PHONE: N/A  TELEPHONE COMPANY: N/A PHONE: N/A	<u>PROJECT LOCATION DIRECTIONS</u>  I-91 EXIT 13 TO RT 5 SOUTH, TURN RIGHT ONTO DECCO PARK ROAD, TAKE FIRST RIGHT ONTO DODGE THEN LEFT ONTO DWIGHT, GO TO END OF STREET AND TURN LEFT INTO GATED PARKING LOT, TOWER IS IN BACK TO THE RIGHT.	G-002 GENERAL NOTES C-101 DETAILED SITE PLAN C-201 TOWER ELEVATION C-401 ANTENNA INFORMATION & SCHEDULE C-501 CONSTRUCTION DETAILS E-501 GROUNDING DETAILS R-601 SUPPLEMENTAL R-602 SUPPLEMENTAL					



**Dewberry®**  
 Dewberry Engineers Inc.  
 99 SUMMER STREET  
 SUITE 700  
 BOSTON, MA 02110  
 PHONE: 617.695.3400  
 FAX: 617.695.3310


REV.	DESCRIPTION	BY	DATE
△	PRELIM	PP	05/28/21
△	FINAL	BR	11/12/21
△			
△			


ATC SITE NUMBER:  
302482

ATC SITE NAME:  
NORTH HAVEN CT 1

VERIZON SITE NAME:  
NORTH HAVEN 2 CT

SITE ADDRESS:  
15 DWIGHT ST.  
NORTH HAVEN, CT 06473





DATE DRAWN:	05/28/21
ATC JOB NO:	13669395
CUSTOMER ID:	NORTH HAVEN 2 CT
CUSTOMER #:	468218

**TITLE SHEET**

SHEET NUMBER:	REVISION:
<b>G-001</b>	<b>0</b>

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Know what's below.  
 Call before you dig.

**GENERAL CONSTRUCTION NOTES:**

1. OWNER FURNISHED MATERIALS. VERIZON THE COMPANY WILL PROVIDE AND THE CONTRACTOR WILL INSTALL
  - A. BTS EQUIPMENT FRAME (PLATFORM) AND KEEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)
  - B. ACTELCO INTERFACE BOX (PIC)
  - C. ICE BRIDGE CABLE TRAY WITH COVER (GROUND BUILD/CO-LOCATE ONLY, GO TO FURNISH AND INSTALL FOR ROOFTOP INSTALLATION)
  - D. TOWERS, MONOPOLES
  - E. TOWER LIGHTING
  - F. GENERATORS & LIQUID PROPANE TANK
  - G. ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING
  - H. ANTENNAS (INSTALLED BY OTHERS)
  - I. TRANSMISSION LINE
  - J. TRANSMISSION LINE JUMPFERS
  - K. TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KITS
  - L. TRANSMISSION LINE GROUND KITS
  - M. HANGERS
  - N. HOISTING GRIPS
  - O. BTS EQUIPMENT
2. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, STRUCTURAL STEEL SUPPORTING SUBFRAME FOR PLATFORM, ROOFING LABOR AND MATERIALS, GROUNDING RINGS, GROUNDING WIRES, COPPER/AL OR XT CHEMICAL GROUND RODS), BUSS BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, TEMPORARY ELECTRICAL POWER, CONDUIT, LANDSCAPING COMPOUND STONE, CRANES, CORE DRILLING, SLEEPERS AND RUBBER MATTING, REBAR, CONCRETE CAISSONS, PADS AND/OR AUGER MOUNTS, MISCELLANEOUS FASTENERS, CABLE TRAYS, NON-STANDARD ANTENNA FRAMES AND ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS. IT IS THE POSITION OF VERIZON TO APPLY FOR PERMITTING AND CONTRACTOR RESPONSIBLE FOR PICKUP AND PAYMENT OF REQUIRED PERMITS.
3. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING 945B/E/17A-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
4. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
6. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
7. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
8. DETAILS SHOWN ARE TYPICAL, SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
9. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
12. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE VERIZON REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE VERIZON REP PRIOR TO PROCEEDING.
13. EACH CONTRACTOR SHALL COOPERATE WITH THE VERIZON REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
14. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE VERIZON CONSTRUCTION MANAGER.
15. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
16. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE VERIZON REP AND ENGINEER OF RECORD IMMEDIATELY.
17. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
18. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
19. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
20. CONTRACTOR SHALL FURNISH VERIZON AND AMERICAN TOWER CORPORATION (ATC) WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
21. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.


22. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY VERIZON MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH VERIZON SPECIFICATIONS AND REQUIREMENTS.
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO VERIZON FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO VERIZON SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
26. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
27. CONTRACTOR SHALL NOTIFY VERIZON REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
28. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PIPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.
29. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.
30. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE VERIZON REP. ANY WORK FOUND BY THE VERIZON REP TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
31. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.
32. VERIZON FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE VERIZON WAREHOUSE, NO LATER THAN 48HR AFTER BEING NOTIFIED INSURED, STORED, UNCRATE, PROTECTED AND INSTALLED BY THE CONTRACTOR WITH ALL APPURTENANCES REQUIRED TO PLACE THE EQUIPMENT IN OPERATION, READY FOR USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AFTER PICKING IT UP.
33. VERIZON OR HIS ARCHITECT/ENGINEER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH, IN HIS OWN OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO VERIZON OR THEIR ARCHITECT/ENGINEER.

**SPECIAL CONSTRUCTION**


**ANTENNA INSTALLATION NOTES:**

1. WORK INCLUDED:
  - A. ANTENNA AND COAXIAL CABLES ARE FURNISHED BY VERIZON UNDER A SEPARATE CONTRACT. THE CONTRACTOR SHALL ASSIST ANTENNA INSTALLATION CONTRACTOR IN TERMS OF COORDINATION AND SITE ACCESS. ERECTION SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL AND
  - B. INSTALL ANTENNA AS INDICATE ON DRAWINGS AND VERIZON SPECIFICATIONS.
  - C. INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS
  - D. INSTALL FURNISHED GALVANIZED STEEL OR ALUMINUM WAVEGUIDE.
  - E. CONTRACTOR SHALL PROVIDE FOUR (4) SETS OF SWEEP TESTS USING ANRITZU-PACKARD 8713B RF SCALAR NETWORK ANALYZER. SUBMIT FREQUENCY DOMAIN REFLECTOMETER (FDR) TESTS RESULTS TO THE PROJECT MANAGER. SWEEP TESTS SHALL BE AS PER ATTACHED RFS "MINIMUM FIELD TESTING RECOMMENDED FOR ANTENNA AND HELIX COAXIAL CABLE SYSTEMS" DATED 10/09. TESTING SHALL BE PERFORMED BY AN INDEPENDENT TESTING SERVICE AND BE BOUND AND SUBMITTED WITHIN ONE WEEK OF WORK COMPLETION.
  - F. INSTALL COAXIAL CABLES AND TERMINATING BETWEEN ANTENNAS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. WEATHERPROOF ALL CONNECTIONS BETWEEN THE ANTENNA AND EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. TERMINATE ALL COAXIAL CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED.
  - G. ANTENNA AND COAXIAL CABLE GROUNDING.
2. ALL EXTERIOR #6 GREEDED GROUND WIRE 'DAISY CHAIN' CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPLICE WEATHERPROOFING KIT #221213 OR EQUAL.
3. ALL COAXIAL CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF COAXIAL CABLE (NOT WITHIN BENDS)

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



**AMERICAN TOWER**



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REV.	DESCRIPTION	BY	DATE
△	PRELIM	PP	05/28/21
△	FINAL	BR	11/12/21
△			
△			


ATC SITE NUMBER:  
**302482**

ATC SITE NAME:  
**NORTH HAVEN CT 1**

VERIZON SITE NAME:  
**NORTH HAVEN 2 CT**

SITE ADDRESS:  
15 DWIGHT ST.  
NORTH HAVEN, CT 06473





DATE DRAWN:	05/28/21
ATC JOB NO:	13669395
CUSTOMER ID:	NORTH HAVEN 2 CT
CUSTOMER #:	468218

**GENERAL NOTES**

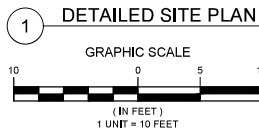
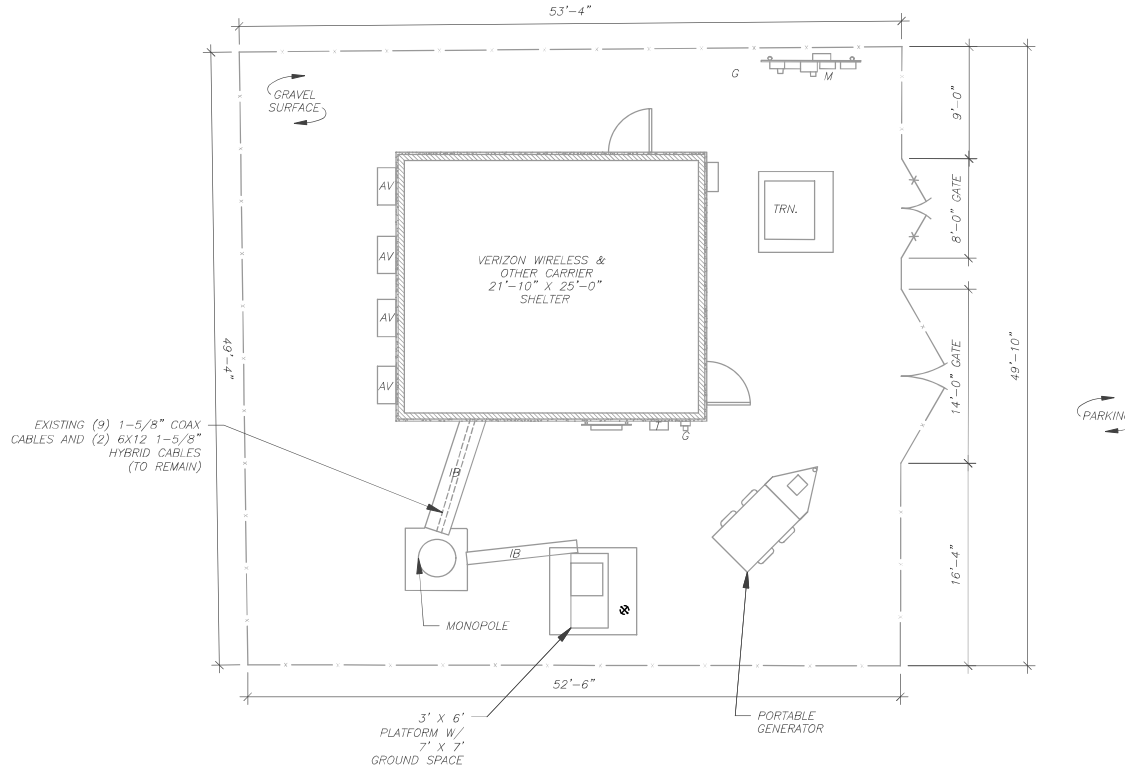
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<b>G-002</b>	<b>0</b>

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**SITE PLAN NOTES:**

1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.
2. ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN, BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT. CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.
3. NO ELECTRICAL SCOPE IS INCLUDED IN THIS PROJECT.

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



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△			
△			

ATC SITE NUMBER:  
**302482**

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**NORTH HAVEN 2 CT**

SITE ADDRESS:  
 15 DWIGHT ST.  
 NORTH HAVEN, CT 06473



DATE DRAWN:	05/28/21
ATC JOB NO:	13669395
CUSTOMER ID:	NORTH HAVEN 2 CT
CUSTOMER #:	468218

DETAILED SITE PLAN	
SHEET NUMBER:	REVISION:
<b>C-101</b>	<b>0</b>

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TOP OF EXISTING  
HIGHEST APPURTENANCE  
ELEV. 155'  
TOP OF EXISTING TOWER  
ELEV. 150'

1 2  
C-401 C-401  
EXISTING AND  
PROPOSED VERIZON  
EQUIPMENT

EXISTING CARRIER ANTENNAS  
RAD CENTER @ 150'

EXISTING CARRIER ANTENNAS  
RAD CENTER @ 147'

EXISTING CARRIER ANTENNAS  
RAD CENTER @ 145'

EXISTING/PROPOSED VERIZON  
RAD CENTER @ 108'

EXISTING TOWER

EXISTING TOP  
OF BASE PLATE

1 TOWER ELEVATION  
SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY MASER CONSULTING CONNECTICUT, DATED 10/01/21, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.

**TOWER NOTE:**

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
- WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLING, ETC. SHALL BE PAINTED/SOCKED TO MATCH EXISTING EQUIPMENT IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR OTHER LOCAL REQUIREMENTS.
- TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.)



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NORTH HAVEN, CT 06473

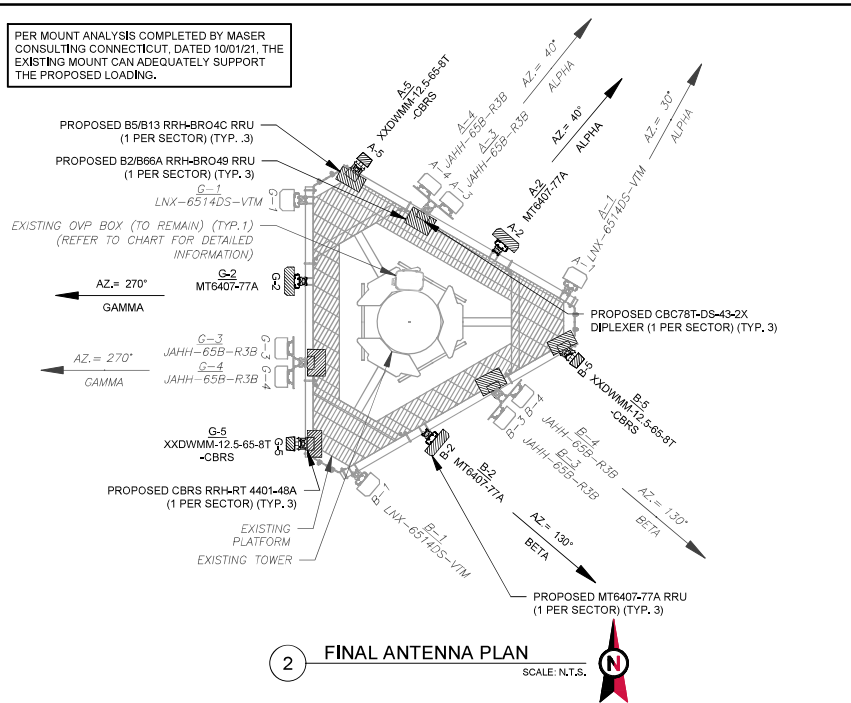
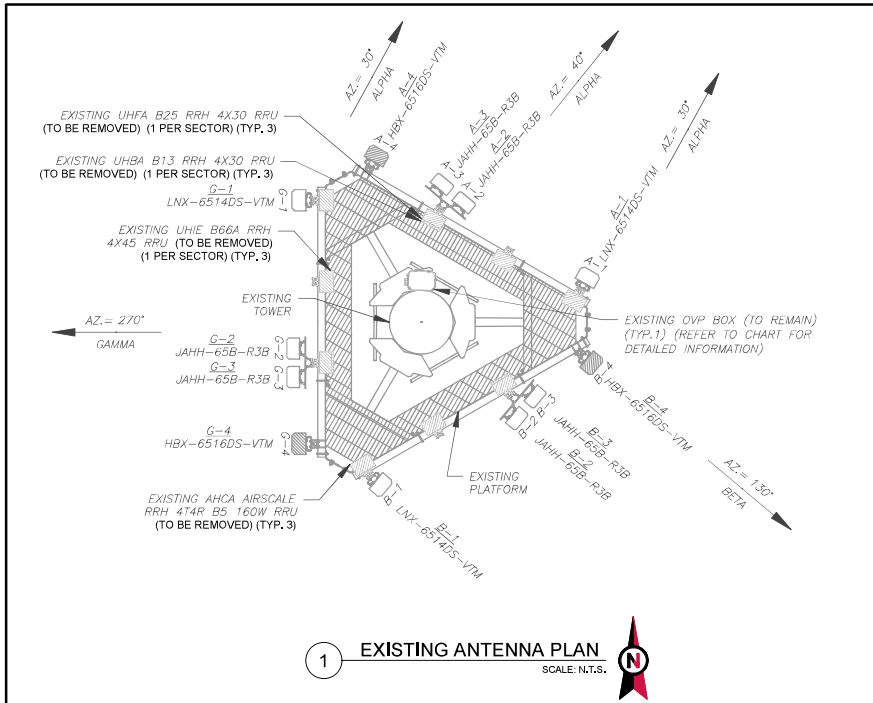
SEAL:



DATE DRAWN:	05/28/21
ATC JOB NO:	13669395
CUSTOMER ID:	NORTH HAVEN 2 CT
CUSTOMER #:	468218

TOWER ELEVATION

SHEET NUMBER:	REVISION:
C-201	0



PER MOUNT ANALYSIS COMPLETED BY MASER CONSULTING CONNECTICUT, DATED 10/01/21. THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.

EXISTING ANTENNA SCHEDULE								
LOCATION		ANTENNA SUMMARY					NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECHELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT
ALPHA	108°	30°	A1	LNX-6514DS-VTM	850 CDMA	0/2	RMN	AHCA RRH 4T4R B5 160W
		40°	A2	JAHH-65B-R3B	700/850/1900/AWS	0/2,5,1,1	RMN	UHIE B66A RRH 4X45
		40°	A3	JAHH-65B-R3B	700/850/1900/AWS	0/2,5,1,1	RMN	UHIE B25 RRH 4X30
BETA	108°	30°	A4	HBX-6516DS-VTM	-	-	RMV	-
		130°	B1	LNX-6514DS-VTM	850 CDMA	0/0	RMN	AHCA RRH 4T4R B5 160W
		130°	B2	JAHH-65B-R3B	700/850/1900/AWS	0/2,4,1,1	RMN	UHBA B13 RRH 4X30
		130°	B3	JAHH-65B-R3B	700/850/1900/AWS	0/2,4,1,1	RMN	UHIE B66A RRH 4X45
GAMMA	108°	270°	G1	LNX-6514DS-VTM	850 CDMA	0/0	RMN	AHCA RRH 4T4R B5 160W
		270°	G2	JAHH-65B-R3B	700/850/1900/AWS	0/2,2,1,1	RMN	UHIE B66A RRH 4X45
		270°	G3	JAHH-65B-R3B	700/850/1900/AWS	0/2,2,1,1	RMN	UHIE B66A RRH 4X45
		270°	G4	HBX-6516DS-VTM	-	-	RMV	-

**NOTES**

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

**STATUS ABBREVIATIONS**

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

**CABLE LENGTHS FOR JUMPERS**

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

FINAL ANTENNA SCHEDULE								
LOCATION		ANTENNA SUMMARY					NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECHELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT
ALPHA	108°	30°	A1	LNX-6514DS-VTM	850 CDMA	0/2	RMN	-
		30°	A2	MT6407-77A	L-SUB6	0/6	ADD	MT6407-77A
		40°	A3	JAHH-65B-R3B	700/850/1900/AWS	0/2,5,1,1	RMN	B2/B66A RRH-BR049 B5/B13 RRH-BR04C
		40°	A4	JAHH-65B-R3B	700/850/1900/AWS	0/2,5,1,1	RMN	CBC78T-DS-43-2X
		40°	A5	XXDWM-12.5-65-8T-CBRS	CBRS	0/8	ADD	CBRS RRH-RT4401-48A
BETA	108°	130°	B1	LNX-6514DS-VTM	850 CDMA	0/0	RMN	-
		130°	B2	MT6407-77A	L-SUB6	0/6	ADD	MT6407-77A
		130°	B3	JAHH-65B-R3B	700/850/1900/AWS	0/2,4,1,1	RMN	B2/B66A RRH-BR049 B5/B13 RRH-BR04C
		130°	B4	JAHH-65B-R3B	700/850/1900/AWS	0/2,4,1,1	RMN	CBC78T-DS-43-2X
		130°	B5	XXDWM-12.5-65-8T-CBRS	CBRS	0/8	ADD	CBRS RRH-RT4401-48A
GAMMA	108°	270°	G1	LNX-6514DS-VTM	850 CDMA	0/0	RMN	-
		270°	G2	MT6407-77A	L-SUB6	0/6	ADD	MT6407-77A
		270°	G3	JAHH-65B-R3B	700/850/1900/AWS	0/2,2,1,1	RMN	B2/B66A RRH-BR049 B5/B13 RRH-BR04C
		270°	G4	JAHH-65B-R3B	700/850/1900/AWS	0/2,2,1,1	RMN	CBC78T-DS-43-2X
		270°	G5	XXDWM-12.5-65-8T-CBRS	CBRS	0/8	ADD	CBRS RRH-RT4401-48A

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(1) DB-T1-6Z-8AB-0Z	RMN	(9) 1-5/8"	(2) 6X12 1-5/8"	RMN

**3 EQUIPMENT SCHEDULES**

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(1) DB-T1-6Z-8AB-0Z	RMN	(9) 1-5/8"	(2) 6X12 1-5/8"	RMN

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△	PRELIM	PP	05/28/21
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**302482**

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**NORTH HAVEN CT 1**

VERIZON SITE NAME:  
**NORTH HAVEN 2 CT**

SITE ADDRESS:  
15 DWIGHT ST.  
NORTH HAVEN, CT 06473

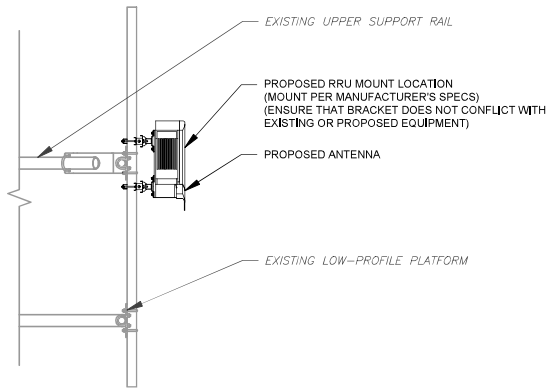
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DATE DRAWN:	05/28/21
ATC JOB NO:	13693995
CUSTOMER ID:	NORTH HAVEN 2 CT
CUSTOMER #:	468218

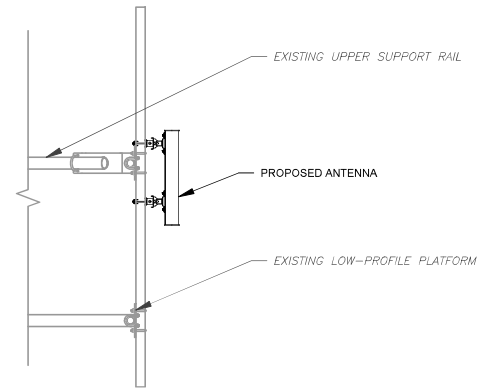
**ANTENNA INFORMATION & SCHEDULE**

SHEET NUMBER:	REVISION:
<b>C-401</b>	<b>0</b>

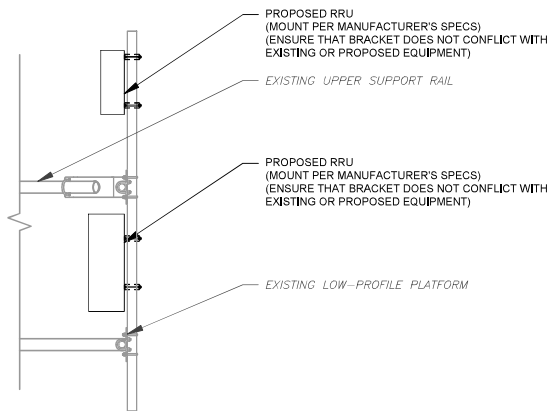
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1 PROPOSED XXDWMM ANTENNA MOUNTING DETAIL - TYPICAL  
SCALE: N.T.S.



2 PROPOSED 5G ANTENNA MOUNTING DETAIL - TYPICAL  
SCALE: N.T.S.



3 PROPOSED RRU MOUNTING DETAIL - TYPICAL  
SCALE: N.T.S.



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NORTH HAVEN, CT 06473

SEAL:

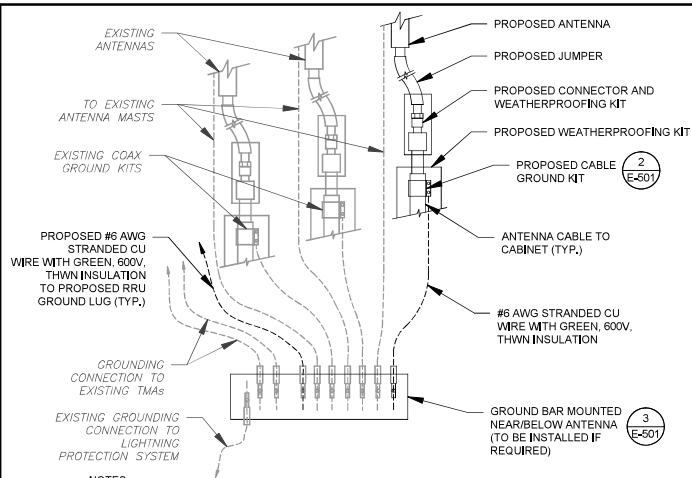


DATE DRAWN:	05/28/21
ATC JOB NO.:	13669395
CUSTOMER ID:	NORTH HAVEN 2 CT
CUSTOMER #:	468218

CONSTRUCTION  
DETAILS

SHEET NUMBER:	REVISION:
C-501	0

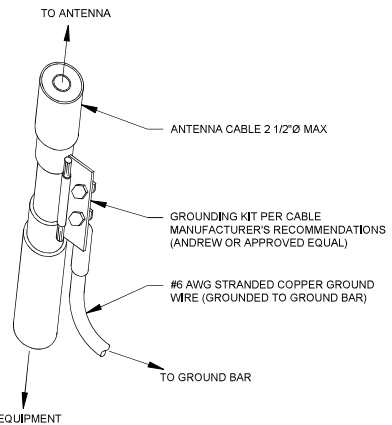




**NOTES:**

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

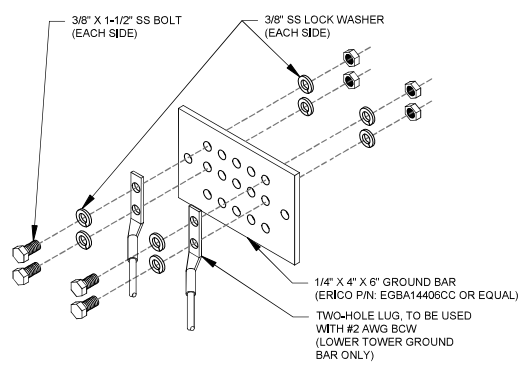
**1 TYPICAL ANTENNA GROUNDING DIAGRAM**  
SCALE: N.T.S.



**GROUND KIT NOTES:**

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

**2 CABLE GROUND KIT CONNECTION DETAIL**  
SCALE: N.T.S.



**GROUND BAR NOTES:**

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

**3 TOWER GROUND BAR DETAIL**  
SCALE: N.T.S.

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**NORTH HAVEN 2 CT**

SITE ADDRESS:  
15 DWIGHT ST.  
NORTH HAVEN, CT 06473

DATE DRAWN:	05/28/21
ATC JOB NO:	13669395
CUSTOMER ID:	NORTH HAVEN 2 CT
CUSTOMER #:	468218

**GROUNDING DETAILS**

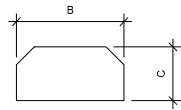
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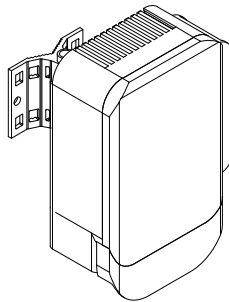
FRONT VIEW



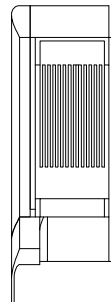
TOP VIEW

**1 ANTENNA SPECIFICATIONS**  
FOR ILLUSTRATIVE PURPOSES ONLY - NOT TO SCALE

ANTENNA SPECIFICATIONS				
ANTENNA MODEL	A	B	C	WEIGHT (LBS)
MT6407-77A	35.1"	16.1"	5.5"	81.6



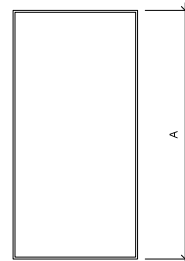
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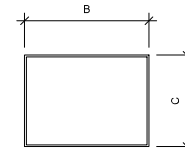
SIDE

**3 PROPOSED CBRS RRH WITH XXDWMM CLIP ANTENNA DETAIL**  
NOT TO SCALE

ANTENNA SPECIFICATIONS				
ANTENNA MODEL	A	B	C	WEIGHT (LBS)
XXDWMM-12.5-65-8T-CBRS	10.7"	9.1"	1.2"	4.4
CBRS RRH-RT4401-48A	12.1"	8.5"	4.1"	18.6



FRONT VIEW



TOP VIEW

**2 RRU AND DIPLEXERS SPECIFICATIONS**  
FOR ILLUSTRATIVE PURPOSES ONLY - NOT TO SCALE

RRU SPECIFICATIONS				
RRU MODEL	A	B	C	WEIGHT (LBS)
B2/B66A RRH-BR049	15.0"	15.0"	10.0"	84.4
B5/B13 RRH-BR04C	15.0"	15.0"	8.1"	70.3
MT6407-77A	35.1"	16.1"	5.5"	81.6
CBC78T-DS-43-2X	9.6"	6.9"	6.4"	20.7



**Dewberry®**  
Dewberry Engineers Inc.  
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SUITE 700  
BOSTON, MA 02110  
PHONE: 617.695.3400  
FAX: 617.695.3310

ATC SITE NUMBER:  
302482

ATC SITE NAME:  
NORTH HAVEN CT 1

VERIZON SITE NAME:  
NORTH HAVEN 2 CT

SITE ADDRESS:  
15 DWIGHT ST.  
NORTH HAVEN, CT 06473



DATE DRAWN: 05/28/21  
ATC JOB NO: 13669395  
CUSTOMER ID: NORTH HAVEN 2 CT  
CUSTOMER #: 468218

SUPPLEMENTAL

SHEET NUMBER:  
**R-601**



Maser Consulting Connecticut  
2000 Midlantic Drive Suite 100  
Mt. Laurel, NJ 08054  
856.787.0412  
Peter.Albano@colliersengineering.com

### Replacement Antenna Mount Analysis Report and PMI Requirements

Mount Analysis-R

SMART Tool Project #: 10050385  
Maser Consulting Connecticut Project #: 21777439A

October 1, 2021

Site Information

Site ID: 468218-VZW / NORTH HAVEN 2 CT  
Site Name: NORTH HAVEN 2 CT  
Carrier Name: Verizon Wireless  
Address: 15 Dwight St  
North Haven, Connecticut 06473  
New Haven County  
41.420792°  
Latitude: 72.848803°  
Longitude:

Structure Information

Tower Type: 150-Ft Monopole  
Mount Type: 12.50-Ft Platform  
FUZE ID # 16227596

Analysis Results

Platform: 61.2% 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 & L drawings  
For additional questions and support, please reach out to:  
[pmisupport@colliersengineering.com](mailto:pmisupport@colliersengineering.com)

Report Prepared By: Sarah Ali



Mount Structural Analysis Report  
(1) 12.50-Ft Platform

October 1, 2021  
Site ID: 468218-VZW / NORTH HAVEN 2 CT  
Page 14

7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
- o Channel, Solid Round, Angle, Plate ASTM A36 (Gr. 36)
  - o HSS (Rectangular) ASTM 500 (Gr. B-46)
  - o Pipe ASTM A53 (Gr. B-35)
  - o Threaded Rod F1554 (Gr. 36)
  - o 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
Support Rail Brace	52.6 %	Pass
Support Rail	47.9 %	Pass
Standoff Horizontal	41.0 %	Pass
Platform Crossmember	18.3 %	Pass
Mount Pipe	61.2 %	Pass
Grating Support	16.7 %	Pass
Face Horizontal	19.8 %	Pass
Cross Arm Plate	35.5 %	Pass
Corner Plate	19.9 %	Pass
Connection Check	56.7 %	Pass
Structure Rating - (Controlling Utilization of all Components)		61.2%

Recommendation:

The proposed antenna 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 Specification Sheets
2. Analysis Calculations
3. Contractor Required Post Installation Inspection (PMI) Report Deliverables
4. Antenna Placement Diagrams
5. TIA Adoption and Wind Speed Usage Letter

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT. PLEASE REFERENCE THE MOUNT ANALYSIS REPORT FOR COMPLETE MOUNT ANALYSIS CALCULATIONS AND DETAILS. SUPPLEMENTAL PAGES INCLUDED IN THE CONSTRUCTION DRAWINGS ARE FOR REFERENCE ONLY. GENERAL CONTRACTOR IS TO VERIFY THEY HAVE THE MOST RECENT MOUNT ANALYSIS PRIOR TO CONSTRUCTION.



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SUPPLEMENTAL

SHEET NUMBER:  
R-602