

KENNETH C. BALDWIN

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Hartford, CT 06103-3597  
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Also admitted in Massachusetts  
and New York

September 8, 2021

*Via Electronic Mail*

Melanie A. Bachman, Esq.  
Executive Director/Staff Attorney  
Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06051

Re: **Notice of Exempt Modification – Facility Modification  
48 Newtown Road, Danbury, Connecticut**

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless (“Cellco”) currently maintains an existing wireless telecommunications facility at the above-referenced property address (the “Property”). The facility consists of antennas and remote radio heads attached to a tower and related equipment on the ground, near the base of the tower. The tower was approved by the City of Danbury in 1998. Cellco’s use of the tower were approved by the Siting Council (“Council”) in December 1999 (EM-BAM/SCLP-034-991124). A copy of the City’s original tower approval and Council’s approval of the Cellco installation are included in [Attachment 1](#).

Cellco now intends to modify its facility by installing three (3) Samsung MT6407-77A antennas on its existing mounting platform. A set of project plans showing Cellco’s proposed facility modifications and new antenna specifications are included in [Attachment 2](#).

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Danbury’s Chief Elected Official and Land Use Officer.

Melanie A. Bachman, Esq.  
September 8, 2021  
Page 2

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

1. The proposed modifications will not result in an increase in the height of the existing tower.
2. The proposed modifications will not involve any change to ground-mounted equipment and, therefore, will not require the extension of the site boundary.
3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.
4. The installation of Cellco's new antennas will not increase radio frequency (RF) emissions at the facility to a level at or above the Federal Communications Commission (FCC) safety standard. A cumulative General Power Density table for Cellco's modified facility is included in Attachment 3. The modified facility will be capable of providing Cellco's 5G wireless service.
5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.
6. According to the attached Structural Analysis ("SA") and Mount Analysis ("MA"), the existing tower, tower foundation and antenna platform can support Cellco's proposed modifications. Copies of the SA and MA are included in Attachment 4.

A copy of the parcel map and Property owner information is included in Attachment 5. A Certificate of Mailing verifying that this filing was sent to municipal officials and the property owner is included in Attachment 6.

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

Melanie A. Bachman, Esq.  
September 8, 2021  
Page 3

Sincerely,

A handwritten signature in black ink, appearing to read "Kenneth C. Baldwin". The signature is fluid and cursive, with a long horizontal stroke at the end.

Kenneth C. Baldwin

Enclosures  
Copy to:

Joseph M. Cavo, Mayor for the City of Danbury  
Sharon Calitro, AICP, Director of Planning  
48 Newtown Road Corporation, Property Owner  
Alex Tyurin

# **ATTACHMENT 1**



# CITY OF DANBURY

155 DEER HILL AVENUE  
DANBURY, CONNECTICUT 06810

PLANNING & ZONING DEPARTMENT  
(203) 797-4525  
(203) 797-4586 (FAX)

December 29, 1998

Mr. Paul S. McNamara  
Donnelly, McNamara & Gustafson, P.C.  
150 Danbury Road  
PO Box 2006  
Ridgefield, CT 06877

RE: Waiver No. 98-49  
48 Newtown Road - Telephone Tower and Equipment Storage  
Assessor's Lot Numbers K12265, K12266

Dear Mr. McNamara:

Your application for a Waiver to Site Plan Requirements for the construction of a Telephone Tower and Equipment Storage on the above-referenced site is approved as follows:

1. The existing telephone tower on the adjacent site identified as 50 Newtown Road will be removed in lieu of the construction of the tower and equipment storage facility to be located at 48 Newtown Road.
2. There shall be no exterior changes to the building facade other than the addition of the tower in the location as shown on the Site Plan prepared for 48 Newtown Road Corporation by New England Land Surveying, dated August 21, 1989 as revised to September 9, 1994 as submitted in support of this Waiver Application.
3. This approval does not waive any other departmental approvals, requirements or permits that may be necessary to complete this proposed project.

A Zoning Permit may now be required. Please contact the Zoning Department for further information regarding this process. Upon completion of construction, a Zoning Certificate of Compliance will be issued by this Office prior to the issuance of a Certificate of Occupancy by the Building Department, provided work was completed in accordance with the Waiver to Site Plan Requirements approved December 29, 1998.

Respectfully,

*Sharon B. Caliro*  
Sharon B. Caliro  
Assistant Planning Director

C: Wayne Skelly, Zoning Enforcement Officer  
Mario Ricozzi, P.E., Director of Dept. of Permit Coordination

Post #	7671	Unit #	1
From #	Paul McNamara	From	Sharon Caliro
Call Dept.		Co.	City of Danbury
From #		Phone #	297-4525
From #	438-1983	From #	

010144

Telephone 797-4525

CITY OF DANBURY PLANNING & ZONING DEPARTMENT

ZONING PERMIT

DATE Jan. 6, 1999

50

Property Owner's Name & Address 48 Newtown Road Corporation, 48 Newtown Rd. Danbury

Applicant's Name & Address Same

Property Located At 48 NEWTOWN RD.

Current Use of Property Commercial Proposed Use of Property Same

Zone CG-20 Lot Area or Dimensions 25,998 sq.ft. Assessor's Lot No. K-12265  
K-12266

THIS PERMIT IS FOR THE FOLLOWING ACTIVITY:

- New Construction
- Addition
- Sign (Give linear measure of exterior building wall)
- Change of Use
- Exterior Alterations
- Interior Alterations
- Excavation
- [Proposed Sign Area \_\_\_\_\_]
- [Maximum Sign Allowed \_\_\_\_\_]
- Other (Specify) 1333

DESCRIPTION OF WORK PROPOSED: Construction of telephone tower

Dimensions of Proposed Structure: Width 5'± X Length 4'± X Height 90'±

Distance from Front Property Line 125' Adjacent Property Lines 38'-58' Rear Line 50'

NOTE: COMPLY WITH WAIVER AS APPROVED.

FOR OFFICE USE ONLY: Required Permits & Approvals:	Conditions		Effective Date	Permit No. Or Expiration Date
	Yes	No		
<input type="checkbox"/> Plot Plan	---	---	<u>12/29/98</u>	<u>98-49</u>
<input checked="" type="checkbox"/> Site Plan or Waiver	---	---		
<input type="checkbox"/> Special Exception	---	---		
<input type="checkbox"/> Special Permit	---	---		
<input type="checkbox"/> Variance	---	---		
<input type="checkbox"/> Subdivision/Resubdivision	---	---		
<input type="checkbox"/> E.I.C. Approval	---	---		
<input type="checkbox"/> Sewer Permit (Engineering Dept.)	---	---		
<input type="checkbox"/> Water Permit (Engineering Dept.)	---	---		
<input type="checkbox"/> Septic Permit/Approval (Health Dept.)	---	---		
<input type="checkbox"/> Well Permit/Approval (Health Dept.)	---	---		
<input type="checkbox"/> Erosion & Sedimentation Permit (Health)	---	---		
<input type="checkbox"/> Driveway Permit (Public Works Dept.)	---	---		
<input type="checkbox"/> State Traffic Comm. Certification (D.O.T.)	---	---		
<input type="checkbox"/> Flood Plain Zone Permit	---	---		
<input type="checkbox"/> Airport Protection District	---	---		
<input type="checkbox"/> Health Dept.	---	---		
<input type="checkbox"/> Fire Marshal's Approval	---	---		
<input type="checkbox"/> Other	---	---		

This Zoning Permit, if issued, is based upon the plot plan submitted. Falsification, by misrepresentation or omission, or failure to comply with conditions of approval of this permit, shall constitute a violation of the Zoning Regulations of the City of Danbury. CALL 797-4525 WHEN JOB IS COMPLETED TO ARRANGE ZONING COMPLIANCE INSPECTION.

ESTIMATED COST \$75,000.00  
 FEE \$200.00 + \$10.00 = \$210.00  
 Total includes \$10 State Fee

Signature of Owner or Authorized Agent

**POST THIS PERMIT CONSPICUOUSLY**  
**DEPARTMENT OF BUILDINGS, DANBURY, CONNECTICUT**

Phone 797-4581

# BUILDING PERMIT

No 029204  
 Issued 10/13/79 Expires 12/13/00  
 Owner 48 Newtown Rd Corp.  
 Building 100' monopole tower & equip. room; 47' retaining wall  
 Located 48 Newtown Rd Zone C6-20  
 Builder BRT General Corp.  
 Electrical Contractor take out own License No. ~  
 Plumbing & Heating Contractor take out own License No. ~

In accordance with application, plans and specifications on file, and subject to ordinances and Building Code of the City of Danbury, otherwise this permit is void. Occupancy of this new building or addition prior to issuance of a Certificate of Occupancy will be considered a violation of the Building Code Regulations.

Leo R. Null (as)  
*Building Inspector*

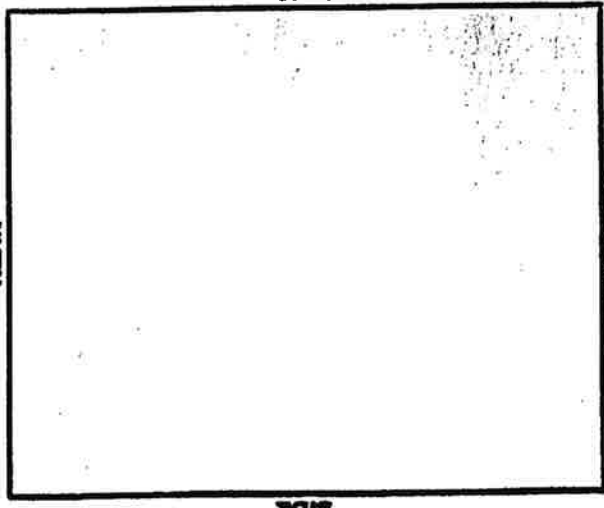
**NOTICE:**

Changes, regardless of size, from stamped approved plans must be submitted to Building Inspector before they are made.  
 Prompt notification by the Plumbing, Electrical, and General contractors of completion of their respective portions of the work will avoid delay in issuance of the Certificate of Occupancy.  
 This Application is null and void if the building is not completed in one year from the date of issue, except by extension of application.

**INSPECTIONS:**

Normally there are nine or more required inspections of a new building, and as many as apply on alterations and additions:

1. ZONING
2. SOIL CONDITIONS—before foundation footings
3. FOOTING—drain inspection
4. ELECTRICAL—wiring roughing
5. PLUMBING—roughing
6. FRAMING—before insulation or lathing
7. INSULATION—inspection
8. GAS OR OIL BURNER—Installation and wiring
9. ELECTRICAL—final when fixtures have been hung
10. PLUMBING—final when fixtures have been set
11. FINAL—fire divisions, exits, etc.





# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

Ten Franklin Square  
New Britain, Connecticut 06051

Phone: (860) 827-2935

Fax: (860) 827-2950

December 13, 1999

Sandy M. Carter, Manager – Regulatory  
Bell Atlantic NYNEX Mobile  
20 Alexander Drive  
P.O. Box 5029  
Wallingford, CT 06492

RE: EM-BAM/SCLP-034-991124 - Bell Atlantic Mobile and Springwich Cellular Limited Partnership notice of intent to modify an existing telecommunications tower located at 48 Newtown Road in Danbury, Connecticut.

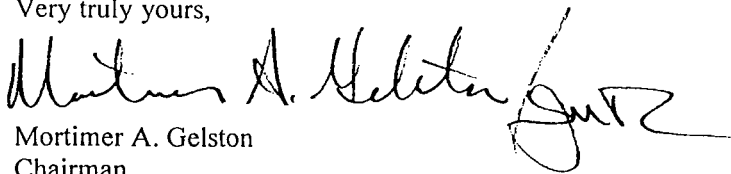
Dear Ms. Carter:

At a public meeting held on December 8, 1999, the Connecticut Siting Council (Council) ruled that the proposed use of this existing tower would not cause a significant change or alteration in the physical and environmental characteristics of the site, and pursuant to Section 16-50j-72 (c) of the Regulations of Connecticut State Agencies would constitute a regulatory exemption.

The proposed modifications are to be implemented as specified here, in your notice dated November 24, 1999, and in additional information dated December 1, 1999. This exemption is conditioned on the requirement that the existing 100-foot guyed lattice tower located at 50 Newtown Road be removed as required by the town zoning permit for the new tower at 48 Newtown Road. The modifications are in compliance with the exception criteria in Section 16-50j-72 (c) of the Regulations of Connecticut State Agencies as changes to an existing non-facility tower that have received all municipal zoning approvals and building permits and that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels or more, and increase the total radio frequency electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This tower has been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequency now used on this tower. Any additional change to this tower will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

Very truly yours,



Mortimer A. Gelston  
Chairman

MAG/SLL/sll

cc: Honorable Gene F. Eriquez, Mayor, City of Danbury  
Peter W. van Wilgen, Director – Real Estate Operations, SNET Wireless, Inc.



# **ATTACHMENT 2**





**STRUCTURAL NOTES:**

- DESIGN REQUIREMENTS ARE PER STATE BUILDING CODE AND APPLICABLE SUPPLEMENTS, INTERNATIONAL BUILDING CODE, EIA/TIA-222-H STRUCTURAL STANDARDS FOR STEEL ANTENNA, TOWERS AND ANTENNA SUPPORTING STRUCTURES.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO FABRICATION AND ERECTION OF ANY MATERIAL. ANY UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND ENGINEER OF RECORD.
- DESIGN AND CONSTRUCTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A992 (Fy=50 ksi), MISCELLANEOUS STEEL SHALL CONFORM TO ASTM A36 UNLESS OTHERWISE INDICATED.
- STEEL PIPE SHALL CONFORM TO ASTM A500 "COLD-FORMED WELDED & SEAMLESS CARBON STEEL STRUCTURAL TUBING", GRADE B, OR ASTM A53 PIPE STEEL BLACK AND HOT-DIPPED ZINC-COATED WELDED AND SEAMLESS TYPE E OR S, GRADE B. PIPE SIZES INDICATED ARE NOMINAL. ACTUAL OUTSIDE DIAMETER IS LARGER.
- STRUCTURAL CONNECTION BOLTS SHALL BE HIGH STRENGTH BOLTS (BEARING TYPE) AND CONFORM TO ASTM A325 TYPE-X "HIGH STRENGTH BOLTS FOR STRUCTURAL JOINTS, INCLUDING SUITABLE NUTS AND PLAIN HARDENED WASHERS". ALL BOLTS SHALL BE 3/4" DIA UON.
- ALL STEEL MATERIALS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 "ZINC (HOT-DIP GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS", UNLESS OTHERWISE NOTED.
- ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 "ZINC-COATING (HOT-DIP) ON IRON AND STEEL HARDWARE", UNLESS OTHERWISE NOTED.
- FIELD WELDS, DRILL HOLES, SAW CUTS AND ALL DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED WITH AN ORGANIC ZINC REPAIR PAINT COMPLYING WITH REQUIREMENTS OF ASTM A780. GALVANIZING REPAIR PAINT SHALL HAVE 65 PERCENT ZINC BY WEIGHT, ZIRP BY DUNCAN GALVANIZING, GALVA BRIGHT PREMIUM BY CROWN OR EQUAL. THICKNESS OF APPLIED GALVANIZING REPAIR PAINT SHALL BE NOT LESS THAN 4 COATS (ALLOW TIME TO DRY BETWEEN COATS) WITH A RESULTING COATING THICKNESS REQUIRED BY ASTM A123 OR A153 AS APPLICABLE.
- CONTRACTOR SHALL COMPLY WITH AWS CODE FOR PROCEDURES, APPEARANCE AND QUALITY OF WELDS, AND FOR METHODS USED IN CORRECTING WELDING. ALL WELDERS AND WELDING PROCESSES SHALL BE QUALIFIED IN ACCORDANCE WITH AWS "STANDARD QUALIFICATION PROCEDURES". ALL WELDING SHALL BE DONE USING E70XX ELECTRODES AND WELDING SHALL CONFORM TO AISC AND D.I. WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC "STEEL CONSTRUCTION MANUAL", 14TH EDITION.
- INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISFITTING OR NON-CONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE CONSTRUCTION MANAGER PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH ACTION SHALL REQUIRE CONSTRUCTION MANAGER APPROVAL.
- UNISTRUT SHALL BE FORMED STEEL CHANNEL STRUT FRAMING AS MANUFACTURED BY UNISTRUT CORP., WAYNE, MI OR EQUAL. STRUT MEMBERS SHALL BE 1 5/8"x1 5/8"x12GA UNLESS OTHERWISE NOTED, AND SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION.
- EPOXY ANCHOR ASSEMBLY SHALL CONSIST OF STAINLESS STEEL ANCHOR ROD WITH NUTS & WASHERS. AN INTERNALLY THREADED INSERT, A SCREEN TUBE AND A EPOXY ADHESIVE. THE ANCHORING SYSTEM SHALL BE THE HILTI-HIT HY-270 AND OR HY-200 SYSTEMS (AS SPECIFIED IN DWG.) OR ENGINEERS APPROVED EQUAL.
- EXPANSION BOLTS SHALL CONFORM TO FEDERAL SPECIFICATION FF-S-325, GROUP II, TYPE 4, CLASS I, HILTI KWIK BOLT III OR APPROVED EQUAL. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- LUMBER SHALL COMPLY WITH THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION AND THE NATIONAL FOREST PRODUCTS ASSOCIATION'S NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION. ALL LUMBER SHALL BE PRESSURE TREATED AND SHALL BE STRUCTURAL GRADE NO. 2 OR BETTER.
- WHERE ROOF PENETRATIONS ARE REQUIRED, THE CONTRACTOR SHALL CONTACT AND COORDINATE RELATED WORK WITH THE BUILDING OWNER AND THE EXISTING ROOF INSTALLER. WORK SHALL BE PERFORMED IN SUCH A MANNER AS TO NOT VOID THE EXISTING ROOF WARRANTY. ROOF SHALL BE WATERTIGHT.
- ALL FIBERGLASS MEMBERS USED ARE AS MANUFACTURED BY STRONGWELL COMPANY OF BRISTOL, VA 24203. ALL DESIGN CRITERIA FOR THESE MEMBERS IS BASED ON INFORMATION PROVIDED IN THE DESIGN MANUAL. ALL REQUIREMENTS PUBLISHED IN SAID MANUAL MUST BE STRICTLY ADHERED TO.
- NO MATERIALS TO BE ORDERED AND NO WORK TO BE COMPLETED UNTIL SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED IN WRITING.
- SUBCONTRACTOR SHALL FIREPROOF ALL STEEL TO PRE-EXISTING CONDITIONS.

**SPECIAL INSPECTIONS (REFERENCE IBC CHAPTER 17):**

**GENERAL:** WHERE APPLICATION IS MADE FOR CONSTRUCTION, THE OWNER OR THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE ACTING AS THE OWNER'S AGENT SHALL EMPLOY ONE OR MORE APPROVED AGENCIES TO PERFORM INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED IN THE INSPECTION CHECKLIST ABOVE.

THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AND ENGINEERS OF RECORD INVOLVED IN THE DESIGN OF THE PROJECT ARE PERMITTED TO ACT AS THE APPROVED AGENCY AND THEIR PERSONNEL ARE PERMITTED TO ACT AS THE SPECIAL INSPECTOR FOR THE WORK DESIGNED BY THEM, PROVIDED THOSE PERSONNEL MEET THE QUALIFICATION REQUIREMENTS.

STATEMENT OF SPECIAL INSPECTIONS: THE APPLICANT SHALL SUBMIT A STATEMENT OF SPECIAL INSPECTIONS PREPARED BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE IN ACCORDANCE WITH SECTION 107.1 AS A CONDITION FOR ISSUANCE. THIS STATEMENT SHALL BE IN ACCORDANCE WITH SECTION 1705.

REPORT REQUIREMENT: SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THEY ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS SHALL BE SUBMITTED.

**SPECIAL INSPECTION CHECKLIST**

BEFORE CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
N/A	ENGINEER OF RECORD APPROVED SHOP DRAWINGS <sup>1</sup>
N/A	MATERIAL SPECIFICATIONS REPORT <sup>2</sup>
N/A	FABRICATOR NDE INSPECTION
N/A	PACKING SLIPS <sup>3</sup>

**DURING CONSTRUCTION**

CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
<b>REQUIRED</b>	STEEL INSPECTIONS
N/A	HIGH STRENGTH BOLT INSPECTIONS
N/A	HIGH WIND ZONE INSPECTIONS <sup>4</sup>
N/A	FOUNDATION INSPECTIONS
N/A	CONCRETE COMP. STRENGTH, SLUMP TESTS AND PLACEMENT
N/A	POST INSTALLED ANCHOR VERIFICATION <sup>5</sup>
N/A	GROUT VERIFICATION
N/A	CERTIFIED WELD INSPECTION
N/A	EARTHWORK: LIFT AND DENSITY
N/A	ON SITE COLD GALVANIZING VERIFICATION
N/A	GUY WIRE TENSION REPORT

**AFTER CONSTRUCTION**

CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
<b>REQUIRED</b>	MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS <sup>6</sup>
N/A	POST INSTALLED ANCHOR PULL-OUT TESTING
<b>REQUIRED</b>	PHOTOGRAPHS

**NOTES:**

- REQUIRED FOR ANY NEW SHOP FABRICATED FRP OR STEEL BOLTS OR STEEL.
- PROVIDED BY MANUFACTURER, REQUIRED IF HIGH STRENGTH BOLTS OR STEEL.
- PROVIDED BY GENERAL CONTRACTOR; PROOF OF MATERIALS.
- HIGH WIND ZONE INSPECTION CATB 120MPH OR CAT C.D 110MPH INSPECT FRAMING OF WALLS, ANCHORING, FASTENING SCHEDULE.
- ADHESIVE FOR REBAR AND ANCHORS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ACI 308.4 AND ICC-ES AC308 FOR CRACKED CONCRETE AND SEISMIC APPLICATIONS. DESIGN ADHESIVE BOND STRENGTH HAS BEEN BASED ON ACI 308.4 TEMPERATURE CATEGORY B WITH INSTALLATIONS INTO DRY HOLES DRILLED USING A CARBIDE BIT INTO CRACKED CONCRETE THAT HAS CURED FOR AT LEAST 21 DAYS. ADHESIVE ANCHORS REQUIRING CERTIFIED INSTALLATIONS SHALL BE INSTALLED BY A CERTIFIED ADHESIVE ANCHOR INSTALLER PER ACI 318-11 D.9.2.2. INSTALLATIONS REQUIRING CERTIFIED INSTALLERS SHALL BE INSPECTED PER ACI 318-11 D.8.2.4.
- AS REQUIRED; FOR ANY FIELD CHANGES TO THE ITEMS IN THIS TABLE.

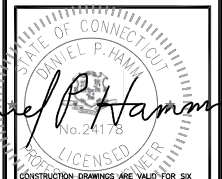
**NOTES:**

- ALL CONNECTIONS TO BE SHOP WELDED & FIELD BOLTED USING 3/4"Ø A325-X BOLTS, UNLESS OTHERWISE NOTED.
- SHOP DRAWING ENGINEER REVIEW & APPROVAL REQUIRED BEFORE ORDERING MATERIAL.
- SHOP DRAWING ENGINEER REVIEW & APPROVAL REQUIRED PRIOR TO STEEL FABRICATION.
- VERIFICATION OF EXISTING ROOF CONSTRUCTION IS REQUIRED PRIOR TO THE INSTALLATION OF THE ROOF PLATFORM. ENGINEER OF RECORD IS TO APPROVE EXISTING CONDITIONS IN ORDER TO MOVE FORWARD.
- CENTERLINE OF PROPOSED STEEL PLATFORM SUPPORT COLUMNS TO BE CENTRALLY LOCATED OVER THE EXISTING BUILDING COLUMNS.
- EXISTING BRICK MASONRY COLUMNS/BEARING TO BE REPAIRED/REPLACED AT ALL PROPOSED PLATFORM SUPPORT POINTS. ENGINEER OF RECORD TO REVIEW AND APPROVE.

PREPARED FOR: CELCO PARTNERSHIP D.B.A.



45 BEECHWOOD DRIVE TEL: (978) 557-5553  
N. ANDOVER, MA 01845 FAX: (978) 530-5504



CHECKED BY: JX

APPROVED BY: DPH

**SUBMITTALS**

REV.	DATE	DESCRIPTION	BY
0	05/04/21	ISSUED FOR CONSTRUCTION	MR

SITE NAME:  
GERMANTOWN CT

SITE ADDRESS:  
50 NEWTOWN ROAD  
DANBURY, CT 06810

SHEET TITLE  
STRUCTURAL NOTES  
&  
SPECIAL INSPECTIONS

SHEET NUMBER  
SN-1

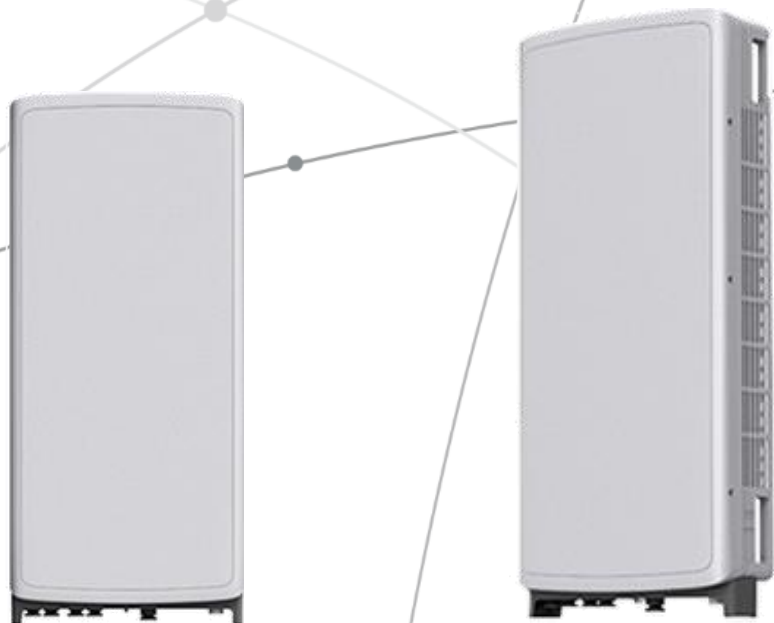


## **SAMSUNG** C-Band 64T64R Massive MIMO Radio

for High Capacity and Wide Coverage

Samsung C-Band 64T64R Massive MIMO Radio enables mobile operators to increase coverage range, boost data speeds and ultimately offer enriched 5G experiences to users in the U.S..

Model Code : MT6407-77A



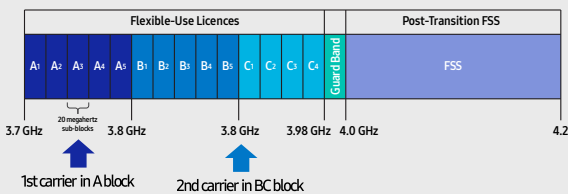
## Points of Differentiation

### Wide Bandwidth

With capability to support up to 2 CC carrier configuration, Samsung C-Band massive MIMO Radio supports 200 MHz bandwidth in the C-Band spectrum.

Samsung C-Band massive MIMO Radio covers the entire C-Band 280 MHz spectrum, so it can meet the operator's needs in current A block and future B/C blocks

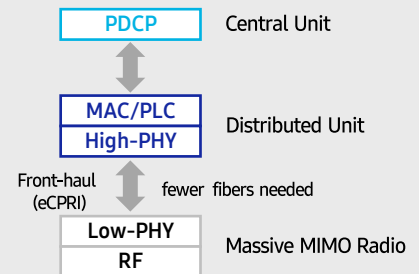
C-Band spectrum supported by Massive MIMO Radio



### Future Proof Product

Samsung C-Band 64T64R Massive MIMO radio supports not only CPRI but also eCPRI as front-haul interface.

It enables operators can cut down on OPEX/CAPEX by reducing front-haul bandwidth through low layer split and using ethernet based higher efficient line.

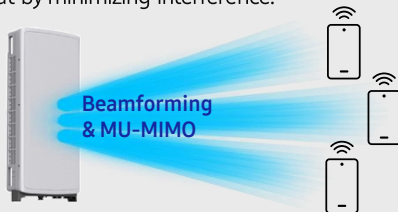


### Enhanced Performance

C-Band massive MIMO Radio creates sharp beams and extends networks' coverage on the critical mid-band spectrum using a large number of antenna elements and high output power to boost data speeds.

This helps operators reduce their CAPEX as they now need less products to cover the same area than before.

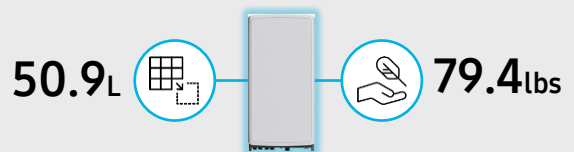
Furthermore, as C-Band massive MIMO Radio supports MU-MIMO (Multi-user MIMO), it enables to increase user throughput by minimizing interference.



### Well Matched Design

Samsung C-Band Massive MIMO radio utilizes 64 antennas, supports up to 280MHz bandwidth, and delivers a 200W output power. despite the above advanced performance, the Radio has a compact size of 50.9L and 79.4lbs. This makes it easy to install the Radio.

It is designed to look solid and compact, with a low profile appearance so that, when installed, harmonizes well with the surrounding environment.



## Technical Specifications

Item	Specification
Tech	NR
Band	n77
Frequency Band	3700 - 3980 MHz
EIRP	78.5dBm (53.0 dBm+25.5 dBi)
IBW/OBW	280 MHz / 200 MHz
Installation	Pole/Wall
Size/Weight	16.06 x 35.06 x 5.51 inch (50.86L) / 79.4 lbs



# SAMSUNG



## **About Samsung Electronics Co., Ltd.**

Samsung inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, digital appliances, network systems, and memory, system LSI, foundry and LED solutions.

129 Samsung-ro, Yeongtong-gu, Suwon-si Gyeonggi-do, Korea

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# **ATTACHMENT 3**

	General	Power	Density					
<b>Site Name: Germantown (Danbury)</b>								
<b>Tower Height: Verizon @ 90ft</b>								
CARRIER	# OF CHAN.	WATTS ERP	HEIGHT	FREQ.	CALC. POWER DENS	MAX. PERMISS. EXP.	FRACTION MPE	Total
*AT&T	1	883	100	737	0.0359	0.4913	0.73%	
*AT&T	1	4541	100	1900	0.1848	1.0000	1.85%	
*AT&T	1	2845	100	763	0.1158	0.5087	2.28%	
*AT&T	1	7114	100	2100	0.2895	1.0000	2.90%	
*AT&T	1	1510	100	850	0.0615	0.5667	1.08%	
*AT&T	1	1256	100	722	0.0511	0.4813	1.06%	
*AT&T	1	3206	100	2300	0.1305	1.0000	1.30%	
*AT&T	1	566	100	850	0.0230	0.5667	0.41%	
*MetroPCS	3	444	108	2140	0.0460	1.0000	0.46%	
*Clearwire	2	153	78	2496	0.0212	1.0000	0.21%	
*Clearwire	1	211	78	11 GHz	0.0146	1.0000	0.15%	
*Nextel iDEN	12	100	78	851	0.0832	0.5673	1.47%	
*Sprint	3	562	78	2657	0.1170	1.0000	1.17%	
*Sprint	2	4	78	22500	0.0006	1.0000	0.01%	
<b>VZW 700</b>	<b>4</b>	<b>642</b>	<b>90</b>	<b>751</b>	<b>0.0114</b>	<b>0.5007</b>	<b>2.28%</b>	
<b>VZW CDMA</b>	<b>2</b>	<b>463</b>	<b>90</b>	<b>877.26</b>	<b>0.0041</b>	<b>0.5848</b>	<b>0.70%</b>	
<b>VZW Cellular</b>	<b>4</b>	<b>742</b>	<b>90</b>	<b>874</b>	<b>0.0132</b>	<b>0.5827</b>	<b>2.26%</b>	
<b>VZW PCS</b>	<b>4</b>	<b>1514</b>	<b>90</b>	<b>1980</b>	<b>0.0269</b>	<b>1.0000</b>	<b>2.69%</b>	
<b>VZW AWS</b>	<b>4</b>	<b>1447</b>	<b>90</b>	<b>2120</b>	<b>0.0257</b>	<b>1.0000</b>	<b>2.57%</b>	
<b>VZW CBRS</b>	<b>4</b>	<b>11</b>	<b>90</b>	<b>3625</b>	<b>0.0002</b>	<b>1.0000</b>	<b>0.02%</b>	
<b>VZW CBAND</b>	<b>4</b>	<b>6531</b>	<b>90</b>	<b>3730.08</b>	<b>0.1160</b>	<b>1.0000</b>	<b>11.60%</b>	
								<b>37.19%</b>
* Source: Siting Council								

# **ATTACHMENT 4**

# STRUCTURAL ANALYSIS REPORT

For

## GERMANTOWN CT

50 Newtown Road  
Danbury, CT 06810

### Antennas Mounted to the Monopole



Prepared for:

**verizon**<sup>✓</sup>

20 Alexander Drive  
Wallingford CT 06492

Dated: April 27, 2021

Prepared by:

**HGD** | **HUDSON**  
Design Group LLC

45 Beechwood Drive  
North Andover, MA 01845  
(P) 978.557.5553 (F) 978.336.5586  
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**HUDSON**  
Design Group LLC

### **SCOPE OF WORK:**

Hudson Design Group LLC (HDG) has been authorized by Verizon to conduct a structural evaluation of the 110' monopole supporting the existing and proposed Verizon's antennas located at elevation 90' above the ground level.

This report represents this office's findings, conclusions and recommendations pertaining to the support of Verizon's existing and proposed antennas listed below.

The following documents were used for our reference:

- Tower Mapping Report prepared by ProVertic LLC dated November 19, 2019.
- Previous HDG Structural Analysis dated February 20, 2020.
- Mount Structural Analysis prepared by Maser Consulting dated March 31, 2021.

### **CONCLUSION SUMMARY:**

Based on our evaluation, we have determined that the existing monopole and foundation **are in conformance** with the ANSI/TIA-222-G Standard for the loading considered under the criteria listed in this report. The monopole structure is rated at **79.5%** - (Pole Section L6 from El.1' to El.21' Controlling).

### **FOUNDATION SUMMARY:**

Based on our evaluation, we have determined that the existing foundation **is in conformance** with the ANSI/TIA-222-G Standard for the loading considered under the criteria listed in this report. The foundation is rated at **83.3 %** - (Moment Controlling).



### APPURTENANCES CONFIGURATION

Tenant	Appurtenances	Elev.	Mount
	(3) Powerwave 7770 Antennas	100'	V - Frame
	(1) OPA-65R-LCUU-H6 Antenna	100'	V - Frame
	(2) OPA-65R-LCUU-H4 Antennas	100'	V - Frame
	(1) HPA-65R-BUU-H6 Antenna	100'	V - Frame
	(2) SBNHH-1D65A Antennas	100'	V - Frame
	(1) 800-10965 Antenna	100'	V - Frame
	(2) 800-10964 Antennas	100'	V - Frame
	(6) LGP21401 TMA's	100'	V - Frame
	(6) TPX-070821 Triplexers	100'	V - Frame
	(3) RRUS-11 RRH's	100'	V - Frame
	(9) RRUS-32 RRH's	100'	V - Frame
	(3) B14 4478 RRH's	100'	V - Frame
	(3) Squid Surge Arrestor	100'	V - Frame
<b>Verizon</b>	(1) BXA-80063-6BF Antenna	90'	Platform
<b>Verizon</b>	(2) BXA-80080-6CF Antennas	90'	Platform
<b>Verizon</b>	(6) JAHH-65B-R3B Antennas	90'	Platform
<b>Verizon</b>	(3) XXDWMM Antennas w/ CBRS RRH-RT4401	90'	Platform
<b>Verizon</b>	(3) B5/B13 RRH-BR04C RRH's	90'	Platform
<b>Verizon</b>	(3) B2/B66A RRH-BR049 RRH's	90'	Platform
<b>Verizon</b>	(3) CBC78T-DS-43-2X Diplexers	90'	Platform
<b>Verizon</b>	(2) Junction Boxes	90'	Platform
<b>Verizon</b>	<b>(3) MT6407-77A Antennas</b>	90'	Platform

*\*Proposed Verizon Appurtenances shown in Bold.*

### VERIZON EXISTING/PROPOSED COAX CABLES:

Tenant	Coax Cables	Elev.	Mount
<b>VERIZON</b>	(6) 1 5/8" Cables	90'	Inside Monopole
<b>VERIZON</b>	<b>(2) 6x12 Hybrid Cables</b>	90'	Inside Monopole

*\*Proposed Verizon Coax Cables shown in Bold.*



**ANALYSIS RESULTS SUMMARY:**

Component	Max. Stress Ratio	Elev. of Component (ft)	Pass/Fail	Comments
Pole Section-L1	10.1 %	97.5 – 111	PASS	
Pole Section-L2	10.1 %	97 – 97.5	PASS	
Pole Section-L3	666.4 %	72 – 97	PASS	
Pole Section-L4	79.4 %	47 – 72	PASS	
Pole Section-L5	78.9 %	21 – 47	PASS	
Pole Section-L6	<b>79.5 %</b>	1 – 21	PASS	<b>Controlling</b>

**FOUNDATION RESULTS SUMMARY:**

Component	Stress Ratio	Pass/Fail	Comments
Bearing	4.4 %	PASS	
Moment	<b>83.3 %</b>	PASS	<b>Controlling</b>



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Design Group LLC

### **DESIGN CRITERIA:**

1. EIA/TIA-222-G Structural Standards for Steel Antenna Towers and Antenna Supporting Structures  
County: Fairfield  
Wind Load: 110 mph (3 second gust)  
Structural Class: II  
Exposure Category: B  
Topographic Category: 1  
Nominal Ice Thickness: 0.75 inch
2. Approximate height above grade to proposed antennas: 90'

### **ASSUMPTIONS:**

1. The appurtenances configuration is as stated in this report. All antennas, coax cables and waveguide cables are assumed to be properly installed and supported as per the manufacturer's requirements.
2. The monopole and foundation are properly constructed and maintained. All structural members and their connections are assumed to be in good condition and are free from defects with no deterioration to its member capacities.
3. The support mounts and platforms are not analyzed and are considered adequate to support the loading. The analysis is limited to the primary support structure itself.
4. All prior structural modification, if any, are assumed to be as per the data supplied (if available), and installed properly.

### **SUPPORT RECOMMENDATIONS:**

HDG recommends that the proposed antennas, RRUs and quadplexers be mounted on the existing platform supported by the monopole.





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Design Group LLC



**Photo 1:** Photo illustrating the monopole with Appurtenances shown.

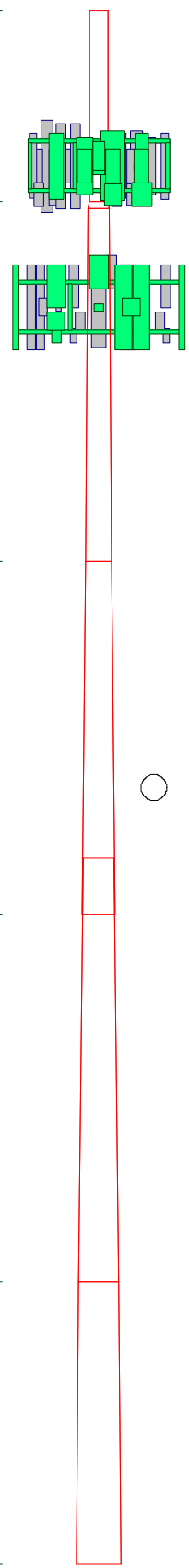


**HUDSON**  
Design Group LLC

## CALCULATIONS

Section	2	3	4	5	6
Length (ft)	0.90	25.00	25.00	30.00	20.00
Number of Sides	1	18	18	18	18
Thickness (in)	0.3750	0.2500	0.3000	0.3650	0.3890
Socket Length (ft)			4.00		
Top Dia (in)	16.0000	17.4900	22.7350	26.5408	33.3920
Bot Dia (in)	17.4900	22.7350	27.9800	33.3920	37.0000
Grade	A36		A572-65		
Weight (lb)	342.8	1340.8	2029.7	3500.8	2924.7

111.0 ft  
97.5 ft  
72.0 ft  
47.0 ft  
21.0 ft  
1.0 ft



### DESIGNED APPURTENANCE LOADING

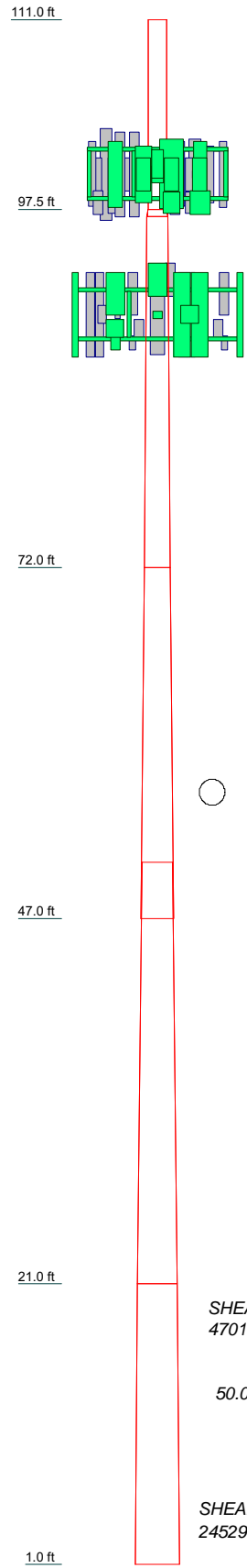
TYPE	ELEVATION	TYPE	ELEVATION
(3) Sabre 12' V-Boom (ATI)	100	TPX-070821 Triplexer (ATI)	100
7770 Antenna w/ Mounting Pipe (ATI)	100	TPX-070821 Triplexer (ATI)	100
7770 Antenna w/ Mounting Pipe (ATI)	100	TPX-070821 Triplexer (ATI)	100
7770 Antenna w/ Mounting Pipe (ATI)	100	Squid Surge Arrestor (ATI)	100
800-10965 Antenna w/ Mounting Pipe (ATI)	100	Squid Surge Arrestor (ATI)	100
800-10964 Antenna w/ Mounting Pipe (ATI)	100	Squid Surge Arrestor (ATI)	100
800-10964 Antenna w/ Mounting Pipe (ATI)	100	PIROD 13' Platform w/handrail (Verizon)	90
800-10964 Antenna w/ Mounting Pipe (ATI)	100	BXA-80063-6BF-EDIN Antenna w/ Mounting Pipe (Verizon)	90
OPA-65R-LCUU-H6 Antenna w/ Mounting Pipe (ATI)	100	BXA-80080-6CF Antenna w/ Mounting Pipe (Verizon)	90
OPA-65R-LCUU-H4 Antenna w/ Mounting Pipe (ATI)	100	BXA-80080-6CF Antenna w/ Mounting Pipe (Verizon)	90
OPA-65R-LCUU-H4 Antenna w/ Mounting Pipe (ATI)	100	JAHH-65B-R3B Antenna w/ Mounting Pipe (Verizon)	90
HPA-65R-BUU-H6 Antenna w/ Mounting Pipe (ATI)	100	JAHH-65B-R3B Antenna w/ Mounting Pipe (Verizon)	90
SBNHH-1D65A Antenna w/ Mounting Pipe (ATI)	100	JAHH-65B-R3B Antenna w/ Mounting Pipe (Verizon)	90
SBNHH-1D65A Antenna w/ Mounting Pipe (ATI)	100	JAHH-65B-R3B Antenna w/ Mounting Pipe (Verizon)	90
RRUS-11 RRH (ATI)	100	JAHH-65B-R3B Antenna w/ Mounting Pipe (Verizon)	90
RRUS-11 RRH (ATI)	100	JAHH-65B-R3B Antenna w/ Mounting Pipe (Verizon)	90
RRUS-11 RRH (ATI)	100	JAHH-65B-R3B Antenna w/ Mounting Pipe (Verizon)	90
RRUS-32 RRH (ATI)	100	XXDWM-12.5-65 Antenna (Verizon)	90
RRUS-32 RRH (ATI)	100	XXDWM-12.5-65 Antenna (Verizon)	90
RRUS-32 RRH (ATI)	100	XXDWM-12.5-65 Antenna (Verizon)	90
RRUS-32 RRH (ATI)	100	B2/B66A RRH-BR049 RRH (Verizon)	90
RRUS-32 RRH (ATI)	100	B2/B66A RRH-BR049 RRH (Verizon)	90
RRUS-32 RRH (ATI)	100	B2/B66A RRH-BR049 RRH (Verizon)	90
RRUS-32 RRH (ATI)	100	B5/13 RRH-BR04C RRH (Verizon)	90
RRUS-32 RRH (ATI)	100	B5/13 RRH-BR04C RRH (Verizon)	90
B14 4478 RRH (ATI)	100	B5/13 RRH-BR04C RRH (Verizon)	90
B14 4478 RRH (ATI)	100	CBC78T-DS-43-2X Diplexer (Verizon)	90
B14 4478 RRH (ATI)	100	CBC78T-DS-43-2X Diplexer (Verizon)	90
LGP21401 TMA (ATI)	100	CBC78T-DS-43-2X Diplexer (Verizon)	90
LGP21401 TMA (ATI)	100	Junction Box (Verizon)	90
LGP21401 TMA (ATI)	100	Junction Box (Verizon)	90
LGP21401 TMA (ATI)	100	MT6407-77A Antenna w/ Mounting Pipe (Verizon)	90
LGP21401 TMA (ATI)	100	MT6407-77A Antenna w/ Mounting Pipe (Verizon)	90
LGP21401 TMA (ATI)	100	MT6407-77A Antenna w/ Mounting Pipe (Verizon)	90
TPX-070821 Triplexer (ATI)	100	MT6407-77A Antenna w/ Mounting Pipe (Verizon)	90
TPX-070821 Triplexer (ATI)	100		
TPX-070821 Triplexer (ATI)	100		

### MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A36	36 ksi	58 ksi	A572-65	65 ksi	80 ksi

<b>Hudson Design Group</b> 45 Beechwood Drive North Andover, MA Phone: 978.557.5553 FAX: 978.336.5586	Job: <b>GERMANTOWN CT</b>		
	Project: <b>110 ft Monopole</b>		
	Client: VERIZON	Drawn by: ID	App'd:
	Code: TIA-222-G	Date: 04/27/21	Scale: NTS
	Path:		Dwg No. E-1

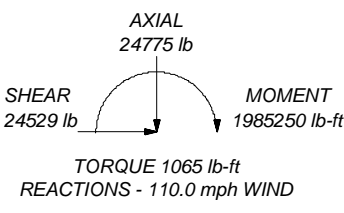
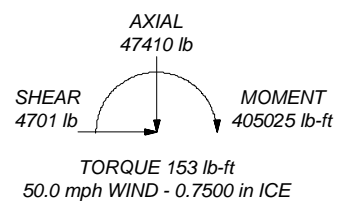
Section	2	3	4	5	6	1
Length (ft)	0.90	25.00	25.00	30.00	20.00	13.50
Number of Sides	1	18	18	18	18	1
Thickness (in)	0.3750	0.2500	0.3000	0.3650	0.3890	0.3750
Socket Length (ft)			4.00			
Top Dia (in)	16.0000	17.4900	22.7350	26.5408	33.3920	16.0000
Bot Dia (in)	17.4900	22.7350	27.9800	33.3920	37.0000	16.0000
Grade	A572-65					A36
Weight (lb)	32.8	1340.8	2029.7	3500.8	2924.7	845.6



### TOWER DESIGN NOTES

1. Tower is located in Fairfield County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-G Standard.
3. Tower designed for a 110.0 mph basic wind in accordance with the TIA-222-G Standard.
4. Tower is also designed for a 50.0 mph basic wind with 0.75 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60.0 mph wind.
6. Tower Structure Class II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 79.5%

ALL REACTIONS  
ARE FACTORED



<b>Hudson Design Group</b> 45 Beechwood Drive North Andover, MA Phone: 978.557.5553 FAX: 978.336.5586	Job: <b>GERMANTOWN CT</b>		
	Project: <b>110 ft Monopole</b>		
	Client: VERIZON	Drawn by: ID	App'd:
	Code: TIA-222-G	Date: 04/27/21	Scale: NTS
	Path:		Dwg No. E-1

<b>tnxTower</b>  <b>Hudson Design Group</b> 45 Beechwood Drive North Andover, MA Phone: 978.557.5553 FAX: 978.336.5586	<b>Job</b>	GERMANTOWN CT	<b>Page</b>	1 of 7
	<b>Project</b>	110 ft Monopole	<b>Date</b>	16:54:36 08/04/21
	<b>Client</b>	VERIZON	<b>Designed by</b>	ID

## Tower Input Data

The tower is a monopole.

This tower is designed using the TIA-222-G standard.

The following design criteria apply:

Tower is located in Fairfield County, Connecticut.

Basic wind speed of 110.0 mph.

Structure Class II.

Exposure Category B.

Topographic Category 1.

Crest Height 0.00 ft.

Nominal ice thickness of 0.7500 in.

Ice thickness is considered to increase with height.

Ice density of 56.0 pcf.

A wind speed of 50.0 mph is used in combination with ice.

Temperature drop of 50.0 °F.

Deflections calculated using a wind speed of 60.0 mph.

A non-linear (P-delta) analysis was used.

Pressures are calculated at each section.

Stress ratio used in pole design is 1.

Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

## Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	111.00-97.50	13.50	0.00	Round	16.0000	16.0000	0.3750		A36 (36 ksi)
L2	97.50-97.00	0.50	0.00	Round	16.0000	17.4900	0.3750		A36 (36 ksi)
L3	97.00-72.00	25.00	0.00	18	17.4900	22.7350	0.2500	1.0000	A572-65 (65 ksi)
L4	72.00-47.00	25.00	4.00	18	22.7350	27.9800	0.3000	1.2000	A572-65 (65 ksi)
L5	47.00-21.00	30.00	0.00	18	26.5408	33.3920	0.3650	1.4600	A572-65 (65 ksi)
L6	21.00-1.00	20.00		18	33.3920	37.0000	0.3890	1.5560	A572-65 (65 ksi)

## Tapered Pole Properties

Section	Tip Dia. in	Area in <sup>2</sup>	I in <sup>4</sup>	r in	C in	I/C in <sup>3</sup>	J in <sup>4</sup>	I <sup>2</sup> /Q in <sup>2</sup>	w in	w/t
L1	16.0000	18.4078	562.0841	5.5259	8.0000	70.2605	1124.1682	9.1984	0.0000	0
	16.0000	18.4078	562.0841	5.5259	8.0000	70.2605	1124.1682	9.1984	0.0000	0
L2	16.0000	18.4078	562.0841	5.5259	8.0000	70.2605	1124.1682	9.1984	0.0000	0
	17.4900	20.1631	738.6357	6.0525	8.7450	84.4638	1477.2714	10.0755	0.0000	0
L3	17.7212	13.6799	513.6842	6.1202	8.8849	57.8153	1028.0442	6.8413	2.6382	10.553
	23.0472	17.8418	1139.6279	7.9822	11.5494	98.6744	2280.7553	8.9226	3.5614	14.245
L4	23.0394	21.3626	1358.4506	7.9644	11.5494	117.6211	2718.6887	10.6833	3.4734	11.578

<b>tnxTower</b>  <b>Hudson Design Group</b> 45 Beechwood Drive North Andover, MA Phone: 978.557.5553 FAX: 978.336.5586	<b>Job</b>	GERMANTOWN CT	<b>Page</b>	2 of 7
	<b>Project</b>	110 ft Monopole	<b>Date</b>	16:54:36 08/04/21
	<b>Client</b>	VERIZON	<b>Designed by</b>	ID

Section	Tip Dia. in	Area in <sup>2</sup>	I in <sup>4</sup>	r in	C in	I/C in <sup>3</sup>	J in <sup>4</sup>	It/Q in <sup>2</sup>	w in	w/t
L5	28.3654	26.3569	2551.3138	9.8264	14.2138	179.4950	5105.9848	13.1810	4.3965	14.655
	27.8215	30.3249	2625.0473	9.2924	13.4827	194.6971	5253.5486	15.1653	4.0288	11.038
L6	33.8508	38.2621	5272.8403	11.7246	16.9631	310.8411	10552.6187	19.1347	5.2346	14.341
	33.8471	40.7483	5607.3057	11.7161	16.9631	330.5583	11221.9896	20.3780	5.1924	13.348
	37.5108	45.2031	7654.7101	12.9969	18.7960	407.2521	15319.4925	22.6058	5.8274	14.98

Tower Elevation	Gusset Area (per face)	Gusset Thickness	Gusset Grade	Adjust. Factor A <sub>f</sub>	Adjust. Factor A <sub>r</sub>	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals	Double Angle Stitch Bolt Spacing Horizontals	Double Angle Stitch Bolt Spacing Redundants
ft	ft <sup>2</sup>	in					in	in	in
L1 111.00-97.50				1	1	1			
L2 97.50-97.00				1	1	1			
L3 97.00-72.00				1	1	1			
L4 72.00-47.00				1	1	1			
L5 47.00-21.00				1	1	1			
L6 21.00-1.00				1	1	1			

### Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
1 5/8 (AT&T) *****	B	Yes	Surface Ar (CaAa)	100.00 - 16.00	12	6	0.000 0.000	1.9100		1.04
6X12 HYBRID FIBER CABLES (Verizon)	C	Yes	Surface Ar (CaAa)	90.00 - 16.00	2	2	0.000 0.000	1.8100		2.18

### Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C <sub>A</sub> A <sub>A</sub> ft <sup>2</sup> /ft	Weight plf
2 1/2 (AT&T) *****	B	No	Yes	Inside Pole	100.00 - 16.00	2	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	1.16 1.16 1.16
1 5/8 (Verizon) *****	C	No	Yes	Inside Pole	90.00 - 16.00	6	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	1.04 1.04 1.04
WR-VG122ST-BRD	B	No	Yes	Inside Pole	100.00 - 16.00	4	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.25 0.25 0.25
FB-L98B-002	B	No	Yes	Inside Pole	100.00 - 16.00	2	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.25 0.25 0.25
WR-VG122ST-BRD	B	No	Yes	Inside Pole	100.00 - 16.00	2	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.25 0.25 0.25

<b>tnxTower</b>  <b>Hudson Design Group</b> 45 Beechwood Drive North Andover, MA Phone: 978.557.5553 FAX: 978.336.5586	<b>Job</b>	GERMANTOWN CT	<b>Page</b>	3 of 7
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	<b>Client</b>	VERIZON	<b>Designed by</b>	ID

## Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>A</sub> A <sub>A</sub> Front	C <sub>A</sub> A <sub>A</sub> Side	Weight
			Horz Lateral	Vert					
*** AT&T ***									
(3) Sabre 12' V-Boom (AT&T)	C	None			0.0000	100.00	No Ice 33.64 1/2" Ice 48.17 1" Ice 62.70	33.64 48.17 62.70	1692.00 2256.00 2820.00
7770 Antenna w/ Mounting Pipe (AT&T)	A	From Face	3.00 -3.00 0.00		0.0000	100.00	No Ice 5.84 1/2" Ice 6.32 1" Ice 6.77	4.35 5.20 5.92	56.90 105.42 160.42
7770 Antenna w/ Mounting Pipe (AT&T)	B	From Face	3.00 -3.00 0.00		0.0000	100.00	No Ice 5.84 1/2" Ice 6.32 1" Ice 6.77	4.35 5.20 5.92	56.90 105.42 160.42
7770 Antenna w/ Mounting Pipe (AT&T)	C	From Face	3.00 -3.00 0.00		0.0000	100.00	No Ice 5.84 1/2" Ice 6.32 1" Ice 6.77	4.35 5.20 5.92	56.90 105.42 160.42
800-10965 Antenna w/ Mounting Pipe (AT&T)	A	From Face	3.00 -1.00 0.00		0.0000	100.00	No Ice 13.81 1/2" Ice 14.35 1" Ice 14.89	7.26 8.25 9.12	130.90 223.32 324.46
800-10964 Antenna w/ Mounting Pipe (AT&T)	B	From Face	3.00 -1.00 0.00		0.0000	100.00	No Ice 10.25 1/2" Ice 10.77 1" Ice 11.27	5.53 6.41 7.16	116.90 191.51 273.56
800-10964 Antenna w/ Mounting Pipe (AT&T)	C	From Face	3.00 -1.00 0.00		0.0000	100.00	No Ice 10.25 1/2" Ice 10.77 1" Ice 11.27	5.53 6.41 7.16	116.90 191.51 273.56
OPA-65R-LCUU-H6 Antenna w/ Mounting Pipe (AT&T)	A	From Face	3.00 1.00 0.00		0.0000	100.00	No Ice 9.66 1/2" Ice 10.13 1" Ice 10.61	6.94 7.90 8.73	109.90 184.22 266.52
OPA-65R-LCUU-H4 Antenna w/ Mounting Pipe (AT&T)	B	From Face	3.00 1.00 0.00		0.0000	100.00	No Ice 6.41 1/2" Ice 6.92 1" Ice 7.39	4.79 5.59 6.27	78.90 134.24 195.97
OPA-65R-LCUU-H4 Antenna w/ Mounting Pipe (AT&T)	C	From Face	3.00 1.00 0.00		0.0000	100.00	No Ice 6.41 1/2" Ice 6.92 1" Ice 7.39	4.79 5.59 6.27	78.90 134.24 195.97
HPA-65R-BUU-H6 Antenna w/ Mounting Pipe (AT&T)	A	From Face	3.00 3.00 0.00		0.0000	100.00	No Ice 9.66 1/2" Ice 10.13 1" Ice 10.61	6.94 7.90 8.73	72.90 147.22 229.52
SBNHH-1D65A Antenna w/ Mounting Pipe (AT&T)	B	From Face	3.00 3.00 0.00		0.0000	100.00	No Ice 6.28 1/2" Ice 6.76 1" Ice 7.22	5.34 6.20 6.93	55.90 111.21 173.23
SBNHH-1D65A Antenna w/ Mounting Pipe (AT&T)	C	From Face	3.00 3.00 0.00		0.0000	100.00	No Ice 6.28 1/2" Ice 6.76 1" Ice 7.22	5.34 6.20 6.93	55.90 111.21 173.23
RRUS-11 RRH (AT&T)	A	From Face	2.50 -3.00 -2.00		0.0000	100.00	No Ice 2.79 1/2" Ice 3.00 1" Ice 3.21	1.19 1.34 1.50	51.00 71.87 95.78
RRUS-11 RRH (AT&T)	B	From Face	2.50 -3.00 -2.00		0.0000	100.00	No Ice 2.79 1/2" Ice 3.00 1" Ice 3.21	1.19 1.34 1.50	51.00 71.87 95.78
RRUS-11 RRH (AT&T)	C	From Face	2.50 -3.00 -2.00		0.0000	100.00	No Ice 2.79 1/2" Ice 3.00 1" Ice 3.21	1.19 1.34 1.50	51.00 71.87 95.78
RRUS-32 RRH (AT&T)	A	From Face	2.50 -3.00 0.00		0.0000	100.00	No Ice 2.74 1/2" Ice 2.96 1" Ice 3.19	1.67 1.86 2.05	60.00 81.11 105.42
RRUS-32 RRH (AT&T)	B	From Face	2.50 -3.00		0.0000	100.00	No Ice 2.74 1/2" Ice 2.96	1.67 1.86	60.00 81.11

<b>tnxTower</b>  <b>Hudson Design Group</b> 45 Beechwood Drive North Andover, MA Phone: 978.557.5553 FAX: 978.336.5586	<b>Job</b>	GERMANTOWN CT	<b>Page</b>	4 of 7
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	<b>Client</b>	VERIZON	<b>Designed by</b>	ID

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	CAAA Front	CAAA Side	Weight	
			Horz	Vert						
			ft	ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	lb	
RRUS-32 RRH (AT&T)	C	From Face	0.00	2.50	0.0000	100.00	1" Ice	3.19	2.05	105.42
			-3.00	0.00			No Ice	2.74	1.67	60.00
			0.00	0.00			1/2" Ice	2.96	1.86	81.11
RRUS-32 RRH (AT&T)	A	From Face	0.00	2.50	0.0000	100.00	1" Ice	3.19	2.05	105.42
			-1.00	0.00			No Ice	2.74	1.67	60.00
			0.00	0.00			1/2" Ice	2.96	1.86	81.11
RRUS-32 RRH (AT&T)	B	From Face	0.00	2.50	0.0000	100.00	1" Ice	3.19	2.05	105.42
			-1.00	0.00			No Ice	2.74	1.67	60.00
			0.00	0.00			1/2" Ice	2.96	1.86	81.11
RRUS-32 RRH (AT&T)	C	From Face	0.00	2.50	0.0000	100.00	1" Ice	3.19	2.05	105.42
			-1.00	0.00			No Ice	2.74	1.67	60.00
			0.00	0.00			1/2" Ice	2.96	1.86	81.11
RRUS-32 RRH (AT&T)	A	From Face	0.00	2.50	0.0000	100.00	1" Ice	3.19	2.05	105.42
			1.00	0.00			No Ice	2.74	1.67	60.00
			0.00	0.00			1/2" Ice	2.96	1.86	81.11
RRUS-32 RRH (AT&T)	B	From Face	0.00	2.50	0.0000	100.00	1" Ice	3.19	2.05	105.42
			1.00	0.00			No Ice	2.74	1.67	60.00
			0.00	0.00			1/2" Ice	2.96	1.86	81.11
RRUS-32 RRH (AT&T)	C	From Face	0.00	2.50	0.0000	100.00	1" Ice	3.19	2.05	105.42
			1.00	0.00			No Ice	2.74	1.67	60.00
			0.00	0.00			1/2" Ice	2.96	1.86	81.11
B14 4478 RRH (AT&T)	A	From Face	0.00	2.50	0.0000	100.00	1" Ice	3.19	2.05	105.42
			-1.00	0.00			No Ice	2.02	1.25	60.00
			-2.00	0.00			1/2" Ice	2.20	1.40	77.66
B14 4478 RRH (AT&T)	B	From Face	0.00	2.50	0.0000	100.00	1" Ice	2.39	1.56	98.08
			-1.00	0.00			No Ice	2.02	1.25	60.00
			-2.00	0.00			1/2" Ice	2.20	1.40	77.66
B14 4478 RRH (AT&T)	C	From Face	0.00	2.50	0.0000	100.00	1" Ice	2.39	1.56	98.08
			-1.00	0.00			No Ice	2.02	1.25	60.00
			-2.00	0.00			1/2" Ice	2.20	1.40	77.66
LGP21401 TMA (AT&T)	A	From Face	0.00	1.00	0.0000	100.00	1" Ice	2.39	1.56	98.08
			0.00	0.00			No Ice	1.08	0.36	19.00
			0.00	0.00			1/2" Ice	1.21	0.45	26.13
LGP21401 TMA (AT&T)	B	From Face	0.00	1.00	0.0000	100.00	1" Ice	1.35	0.56	35.14
			0.00	0.00			No Ice	1.08	0.36	19.00
			0.00	0.00			1/2" Ice	1.21	0.45	26.13
LGP21401 TMA (AT&T)	C	From Face	0.00	1.00	0.0000	100.00	1" Ice	1.35	0.56	35.14
			0.00	0.00			No Ice	1.08	0.36	19.00
			0.00	0.00			1/2" Ice	1.21	0.45	26.13
LGP21401 TMA (AT&T)	A	From Face	0.00	1.00	0.0000	100.00	1" Ice	1.35	0.56	35.14
			0.00	0.00			No Ice	1.08	0.36	19.00
			0.00	0.00			1/2" Ice	1.21	0.45	26.13
LGP21401 TMA (AT&T)	B	From Face	0.00	1.00	0.0000	100.00	1" Ice	1.35	0.56	35.14
			0.00	0.00			No Ice	1.08	0.36	19.00
			0.00	0.00			1/2" Ice	1.21	0.45	26.13
LGP21401 TMA (AT&T)	C	From Face	0.00	1.00	0.0000	100.00	1" Ice	1.35	0.56	35.14
			0.00	0.00			No Ice	1.08	0.36	19.00
			0.00	0.00			1/2" Ice	1.21	0.45	26.13
TPX-070821 Triplexer (AT&T)	A	From Face	0.00	2.50	0.0000	100.00	1" Ice	1.35	0.56	35.14
			0.00	0.00			No Ice	0.47	0.10	7.50
			0.00	0.00			1/2" Ice	0.56	0.15	10.95
TPX-070821 Triplexer (AT&T)	B	From Face	0.00	2.50	0.0000	100.00	1" Ice	0.66	0.20	15.73
			0.00	0.00			No Ice	0.47	0.10	7.50
			0.00	0.00			1/2" Ice	0.56	0.15	10.95
TPX-070821 Triplexer (AT&T)	C	From Face	0.00	2.50	0.0000	100.00	1" Ice	0.66	0.20	15.73
			0.00	0.00			No Ice	0.47	0.10	7.50
			0.00	0.00			1/2" Ice	0.56	0.15	10.95



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	<b>Client</b>	VERIZON	<b>Designed by</b>	ID

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	CAAA Front	CAAA Side	Weight	
			Horz	Vert						
			ft	ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	lb	
TPX-070821 Triplexer (AT&T)	A	From Face	0.00		0.0000	100.00	1" Ice	0.66	0.20	15.73
			2.50				No Ice	0.47	0.10	7.50
			0.00				1/2" Ice	0.56	0.15	10.95
			0.00				1" Ice	0.66	0.20	15.73
TPX-070821 Triplexer (AT&T)	B	From Face	2.50		0.0000	100.00	No Ice	0.47	0.10	7.50
			0.00				1/2" Ice	0.56	0.15	10.95
			0.00				1" Ice	0.66	0.20	15.73
			2.50				No Ice	0.47	0.10	7.50
TPX-070821 Triplexer (AT&T)	C	From Face	0.00		0.0000	100.00	1/2" Ice	0.56	0.15	10.95
			0.00				1" Ice	0.66	0.20	15.73
			0.00				No Ice	0.47	0.10	7.50
			0.00				1/2" Ice	0.56	0.15	10.95
Squid Surge Arrestor (AT&T)	A	From Face	0.00		0.0000	100.00	No Ice	0.81	0.81	33.00
			0.00				1/2" Ice	1.30	1.30	48.38
			0.75				1" Ice	1.48	1.48	66.11
			0.00				No Ice	0.81	0.81	33.00
Squid Surge Arrestor (AT&T)	B	From Face	0.00		0.0000	100.00	1/2" Ice	1.30	1.30	48.38
			0.00				1" Ice	1.48	1.48	66.11
			0.75				No Ice	0.81	0.81	33.00
			0.00				1/2" Ice	1.30	1.30	48.38
Squid Surge Arrestor (AT&T)	C	From Face	0.00		0.0000	100.00	1" Ice	1.48	1.48	66.11
			0.00				No Ice	0.81	0.81	33.00
			0.75				1/2" Ice	1.30	1.30	48.38
			0.00				1" Ice	1.48	1.48	66.11
*** VERIZON ***										
PIROD 13' Platform w/handrail (Verizon)	A	None			0.0000	90.00	No Ice	31.30	31.30	1822.00
							1/2" Ice	40.20	40.20	2452.00
							1" Ice	49.10	49.10	3082.00
BXA-80063-6BF-EDIN Antenna w/ Mounting Pipe (Verizon)	A	From Leg	6.00		0.0000	90.00	No Ice	7.33	5.46	41.90
			0.00				1/2" Ice	7.79	6.38	99.18
			0.00				1" Ice	8.25	7.18	163.85
BXA-80080-6CF Antenna w/ Mounting Pipe (Verizon)	B	From Leg	6.00		0.0000	90.00	No Ice	7.78	5.35	43.90
			0.00				1/2" Ice	8.23	6.29	101.53
			0.00				1" Ice	8.69	7.11	166.76
BXA-80080-6CF Antenna w/ Mounting Pipe (Verizon)	C	From Leg	6.00		0.0000	90.00	No Ice	7.78	5.35	43.90
			0.00				1/2" Ice	8.23	6.29	101.53
			0.00				1" Ice	8.69	7.11	166.76
JAHH-65B-R3B Antenna w/ Mounting Pipe (Verizon)	A	From Face	3.00		0.0000	90.00	No Ice	9.11	12.25	162.74
			-3.00				1/2" Ice	9.58	13.10	262.61
			0.00				1" Ice	10.05	13.95	371.79
JAHH-65B-R3B Antenna w/ Mounting Pipe (Verizon)	B	From Face	3.00		0.0000	90.00	No Ice	9.11	12.25	162.74
			-3.00				1/2" Ice	9.58	13.10	262.61
			0.00				1" Ice	10.05	13.95	371.79
JAHH-65B-R3B Antenna w/ Mounting Pipe (Verizon)	C	From Face	3.00		0.0000	90.00	No Ice	9.11	12.25	162.74
			-3.00				1/2" Ice	9.58	13.10	262.61
			0.00				1" Ice	10.05	13.95	371.79
JAHH-65B-R3B Antenna w/ Mounting Pipe (Verizon)	A	From Face	3.00		0.0000	90.00	No Ice	9.11	12.25	162.74
			-1.75				1/2" Ice	9.58	13.10	262.61
			0.00				1" Ice	10.05	13.95	371.79
JAHH-65B-R3B Antenna w/ Mounting Pipe (Verizon)	B	From Face	3.00		0.0000	90.00	No Ice	9.11	12.25	162.74
			-1.75				1/2" Ice	9.58	13.10	262.61
			0.00				1" Ice	10.05	13.95	371.79
JAHH-65B-R3B Antenna w/ Mounting Pipe (Verizon)	C	From Face	3.00		0.0000	90.00	No Ice	9.11	12.25	162.74
			-1.75				1/2" Ice	9.58	13.10	262.61
			0.00				1" Ice	10.05	13.95	371.79
XXDWMM-12.5-65 Antenna (Verizon)	A	From Face	3.00		0.0000	90.00	No Ice	2.07	1.60	25.90
			3.00				1/2" Ice	2.61	2.18	46.97
			-2.00				1" Ice	3.04	2.63	71.36
XXDWMM-12.5-65 Antenna (Verizon)	B	From Face	3.00		0.0000	90.00	No Ice	2.07	1.60	25.90
			3.00				1/2" Ice	2.61	2.18	46.97
			-2.00				1" Ice	3.04	2.63	71.36
XXDWMM-12.5-65 Antenna (Verizon)	C	From Face	3.00		0.0000	90.00	No Ice	2.07	1.60	25.90



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	<b>Client</b>	VERIZON	<b>Designed by</b>	ID

**Section Capacity Table**

Section No.	Elevation ft	Component Type	Size	Critical Element	P lb	$\phi P_{allow}$ lb	% Capacity	Pass Fail
L1	111 - 97.5	Pole	TP16x16x0.375	1	-4753.73	596412.00	10.1	Pass
L2	97.5 - 97	Pole	TP17.49x16x0.375	2	-4754.77	596412.00	10.1	Pass
L3	97 - 72	Pole	TP22.735x17.49x0.25	3	-10904.80	1325560.00	66.4	Pass
L4	72 - 47	Pole	TP27.98x22.735x0.3	4	-14034.90	1898820.00	79.4	Pass
L5	47 - 21	Pole	TP33.392x26.5408x0.365	5	-20463.70	2842680.00	78.9	Pass
L6	21 - 1	Pole	TP37x33.392x0.389	6	-24759.60	3358360.00	79.5	Pass
Summary								
Pole (L6)							79.5	Pass
<b>RATING =</b>							<b>79.5</b>	<b>Pass</b>

## Stiffened or Unstiffened, UngROUTed, Circular Base Plate - Any Rod Material

Assumption: Clear space between bottom of leveling nut and top of concrete **not** exceeding (1)\*(Rod Diameter)

### Site Data

BU#: GERMANTOWN CT

Site Name: 0

App #: 0

Pole Manufacturer: *Other*

### Anchor Rod Data

Qty: 17  
 Diam: 2.25 in  
 Rod Material: A615-J  
 Strength (Fu): 100 ksi  
 Yield (Fy): 75 ksi  
 Bolt Circle: 45 in

### Plate Data

Diam: 51 in  
 Thick: 2 in  
 Grade: 60 ksi  
 Single-Rod B-eff: 6.91 in

### Stiffener Data (Welding at both sides)

Config: 0 \*  
 Weld Type:   
 Groove Depth: <-- Disregard  
 Groove Angle: <-- Disregard  
 Fillet H. Weld: in  
 Fillet V. Weld: in  
 Width: in  
 Height: in  
 Thick: in  
 Notch: in  
 Grade: ksi  
 Weld str.: ksi

### Pole Data

Diam: 37 in  
 Thick: 0.389 in  
 Grade: 65 ksi  
 # of Sides: 18 "0" IF Round  
 Fu: 80 ksi  
 Reinf. Fillet Weld: 0 "0" if None

### Reactions

Mu:	1985	ft-kips
Axial, Pu:	25	kips
Shear, Vu:	25	kips
Eta Factor, η	0.5	TIA G (Fig. 4-4)

If No stiffeners, Criteria: AISC LRFD <-Only Applicable to Unstiffened Cases

### Anchor Rod Results

Max Rod (Cu+ Vu/r): 128.9 Kips  
 Allowable Axial,  $\Phi \cdot F_u \cdot A_{net}$ : 260.0 Kips  
 Anchor Rod Stress Ratio: 49.6% **Pass**

Rigid
AISC LRFD
$\phi \cdot T_n$

### Base Plate Results

Base Plate Stress: 42.5 ksi  
 Allowable Plate Stress: 54.0 ksi  
 Base Plate Stress Ratio: 78.6% **Pass**

Flexural Check

Rigid
AISC LRFD
$\phi \cdot F_y$
Y.L. Length: 25.61

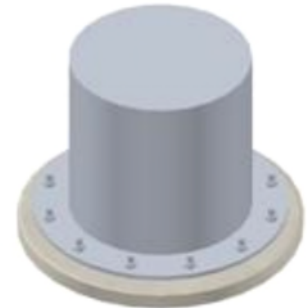
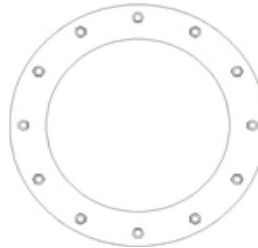
n/a

### Stiffener Results

Horizontal Weld : n/a  
 Vertical Weld: n/a  
 Plate Flex+Shear,  $f_b/F_b + (f_v/F_v)^2$ : n/a  
 Plate Tension+Shear,  $f_t/F_t + (f_v/F_v)^2$ : n/a  
 Plate Comp. (AISC Bracket): n/a

### Pole Results

Pole Punching Shear Check: n/a



\* 0 = none, 1 = every bolt, 2 = every 2 bolts, 3 = 2 per bolt

\*\* Note: for complete joint penetration groove welds the groove depth must be exactly 1/2 the stiffener thickness for calculation purposes

<b>tnxFoundation</b>	Job:	GERMANTOWN CT	Date:
	Client:	VERIZON;	4/27/2021 12:59:21 PM

**Foundation**

**Foundation name:** Tower Foundation  
**Foundation type:** Caisson

**Geometry and Materials**

**Caisson:**

Diameter D 5.50 ft  
Caisson length L 21.00 ft  
Base area 23.76 ft<sup>2</sup>

**Levels:**

Pier above ground h 1.00 ft  
Foundation level hf 20.00 ft  
Frost depth fd 3.00 ft  
Ground water level hw -

**Concrete:**

Strength f<sub>c</sub> 3.0 ksi  
Unit weight 0.15 kcf

**Parameters:**

Caisson unit skin friction and unit end bearing stress are defined No  
End bearing capacity factors N<sub>c</sub> and N<sub>q</sub> are defined No

**Soils:**

#	Name	φ	Cu	Kp	γ.dry	γ.sat	fs	qb	Top level
1	Sand Custom 1	28.00	0.00 ksf	3	110.0 pcf	120.0 pcf	0.0 ksf	0.0 ksf	0.00 ft
2	Sand Custom 2	38.00	0.00 ksf	3	110.0 pcf	78.0 pcf	0.0 ksf	0.0 ksf	3.00 ft
3	Sand Custom 3	38.00	0.00 ksf	3	110.0 pcf	43.0 pcf	0.0 ksf	0.0 ksf	13.00 ft

- φ - internal friction angle
- Cu - soil cohesion
- Kp - coefficient of passive pressure
- γ.dry - dry soil density
- γ.sat - saturated soil density
- fs - external skin friction (unit value)
- qb - end bearing stress (unit value)

**Soils:**

#	Name	ε	Kt	Ξ	Nc	Nq
1	Sand Custom 1	30.00	0.50	0.50	9.00	1.00
2	Sand Custom 2	30.00	0.50	0.50	9.00	1.00
3	Sand Custom 3	30.00	0.50	0.50	9.00	1.00

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- $\delta$  - friction angle between soil and the pile  
 $K_t$  - coefficient for lateral earth pressure  
 $\alpha$  - adhesion factor  
 $N_c$  - pile Bearing capacity factor  $N_c$   
 $N_q$  - pile Bearing capacity factor  $N_q$

**Loads:**

#	Name	Description	P	Vx	Vz	Mz	Mx
1	Dead Only	TIA-222-G load combination	20.6 kip	0.0 kip	0.0 kip	-0.1 kip-ft	0.1 kip-ft
2	1.2 Dead+1.6 Wind 0 deg - No Ice	TIA-222-G load combination	24.8 kip	0.1 kip	20.3 kip	-8.4 kip-ft	1687.3 kip-ft
3	0.9 Dead+1.6 Wind 0 deg - No Ice	TIA-222-G load combination	18.6 kip	0.1 kip	20.3 kip	-8.2 kip-ft	1666.7 kip-ft
4	1.2 Dead+1.6 Wind 30 deg - No Ice	TIA-222-G load combination	24.8 kip	-9.9 kip	17.2 kip	829.9 kip-ft	1432.3 kip-ft
5	0.9 Dead+1.6 Wind 30 deg - No Ice	TIA-222-G load combination	18.6 kip	-9.9 kip	17.2 kip	819.8 kip-ft	1414.8 kip-ft
6	1.2 Dead+1.6 Wind 60 deg - No Ice	TIA-222-G load combination	24.8 kip	-17.3 kip	9.9 kip	1445.7 kip-ft	822.3 kip-ft
7	0.9 Dead+1.6 Wind 60 deg - No Ice	TIA-222-G load combination	18.6 kip	-17.3 kip	9.9 kip	1428.1 kip-ft	812.2 kip-ft
8	1.2 Dead+1.6 Wind 90 deg - No Ice	TIA-222-G load combination	24.8 kip	-20.4 kip	-0.1 kip	1697.8 kip-ft	-8.0 kip-ft
9	0.9 Dead+1.6 Wind 90 deg - No Ice	TIA-222-G load combination	18.6 kip	-20.4 kip	-0.1 kip	1677.2 kip-ft	-7.9 kip-ft
10	1.2 Dead+1.6 Wind 120 deg - No Ice	TIA-222-G load combination	24.8 kip	-17.7 kip	-10.2 kip	1478.7 kip-ft	-850.4 kip-ft
11	0.9 Dead+1.6 Wind 120 deg - No Ice	TIA-222-G load combination	18.6 kip	-17.7 kip	-10.2 kip	1460.7 kip-ft	-840.1 kip-ft
12	1.2 Dead+1.6 Wind 150 deg - No Ice	TIA-222-G load combination	24.8 kip	-12.4 kip	-21.2 kip	1001.8 kip-ft	-1713.4 kip-ft
13	0.9 Dead+1.6 Wind 150 deg - No Ice	TIA-222-G load combination	18.6 kip	-12.4 kip	-21.2 kip	990.0 kip-ft	-1693.2 kip-ft
14	1.2 Dead+1.6 Wind 180 deg - No Ice	TIA-222-G load combination	24.8 kip	-0.1 kip	-20.3 kip	8.0 kip-ft	-1686.9 kip-ft
15	0.9 Dead+1.6 Wind 180 deg - No Ice	TIA-222-G load combination	18.6 kip	-0.1 kip	-20.3 kip	7.9 kip-ft	-1666.5 kip-ft
16	1.2 Dead+1.6 Wind 210 deg - No Ice	TIA-222-G load combination	24.8 kip	9.9 kip	-17.2 kip	-830.2 kip-ft	-1432.0 kip-ft
17	0.9 Dead+1.6 Wind 210 deg - No Ice	TIA-222-G load combination	18.6 kip	9.9 kip	-17.2 kip	-820.1 kip-ft	-1414.6 kip-ft
18	1.2 Dead+1.6 Wind 240 deg - No Ice	TIA-222-G load combination	24.8 kip	17.3 kip	-9.9 kip	-1446.0 kip-ft	-821.9 kip-ft
19	0.9 Dead+1.6 Wind 240 deg - No Ice	TIA-222-G load combination	18.6 kip	17.3 kip	-9.9 kip	-1428.4 kip-ft	-812.0 kip-ft
20	1.2 Dead+1.6 Wind 270 deg - No Ice	TIA-222-G load combination	24.8 kip	20.4 kip	0.1 kip	-1698.1 kip-ft	8.4 kip-ft
21	0.9 Dead+1.6 Wind 270 deg - No Ice	TIA-222-G load combination	18.6 kip	20.4 kip	0.1 kip	-1677.4 kip-ft	8.2 kip-ft
22	1.2 Dead+1.6 Wind 300 deg - No Ice	TIA-222-G load combination	24.8 kip	17.7 kip	10.2 kip	-1479.0 kip-ft	850.8 kip-ft
23	0.9 Dead+1.6 Wind 300 deg - No Ice	TIA-222-G load combination	18.6 kip	17.7 kip	10.2 kip	-1461.0 kip-ft	840.4 kip-ft
24	1.2 Dead+1.6 Wind 330 deg - No Ice	TIA-222-G load combination	24.8 kip	12.4 kip	21.2 kip	-1002.1 kip-ft	1713.7 kip-ft
25	0.9 Dead+1.6 Wind 330 deg - No Ice	TIA-222-G load combination	18.6 kip	12.4 kip	21.2 kip	-990.3 kip-ft	1693.5 kip-ft
26	1.2 Dead+1.0 Ice+1.0 Temp	TIA-222-G load combination	47.4 kip	0.0 kip	0.0 kip	-0.7 kip-ft	0.7 kip-ft

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27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	47.4 kip	0.0 kip	4.4 kip	-1.5 kip-ft	381.9 kip-ft
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	47.4 kip	-2.2 kip	3.8 kip	190.1 kip-ft	330.5 kip-ft
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	47.4 kip	-3.8 kip	2.2 kip	330.5 kip-ft	190.7 kip-ft
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	47.4 kip	-4.4 kip	0.0 kip	382.1 kip-ft	0.1 kip-ft
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	47.4 kip	-3.8 kip	-2.2 kip	331.2 kip-ft	-190.4 kip-ft
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	47.4 kip	-2.4 kip	-4.1 kip	202.2 kip-ft	-348.4 kip-ft
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	47.4 kip	0.0 kip	-4.4 kip	0.0 kip-ft	-380.3 kip-ft
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	47.4 kip	2.2 kip	-3.8 kip	-191.5 kip-ft	-328.8 kip-ft
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	47.4 kip	3.8 kip	-2.2 kip	-332.0 kip-ft	-189.1 kip-ft
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	47.4 kip	4.4 kip	0.0 kip	-383.6 kip-ft	1.6 kip-ft
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	47.4 kip	3.8 kip	2.2 kip	-332.7 kip-ft	192.0 kip-ft
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	47.4 kip	2.4 kip	4.1 kip	-203.7 kip-ft	350.1 kip-ft
39	Dead+Wind 0 deg - Service	TIA-222-G load combination	20.6 kip	0.0 kip	3.4 kip	-1.5 kip-ft	279.1 kip-ft
40	Dead+Wind 30 deg - Service	TIA-222-G load combination	20.6 kip	-1.7 kip	2.9 kip	137.1 kip-ft	237.0 kip-ft
41	Dead+Wind 60 deg - Service	TIA-222-G load combination	20.6 kip	-2.9 kip	1.6 kip	238.9 kip-ft	136.1 kip-ft
42	Dead+Wind 90 deg - Service	TIA-222-G load combination	20.6 kip	-3.4 kip	0.0 kip	280.6 kip-ft	-1.2 kip-ft
43	Dead+Wind 120 deg - Service	TIA-222-G load combination	20.6 kip	-2.9 kip	-1.7 kip	244.4 kip-ft	-140.5 kip-ft
44	Dead+Wind 150 deg - Service	TIA-222-G load combination	20.6 kip	-2.1 kip	-3.5 kip	165.7 kip-ft	-283.4 kip-ft
45	Dead+Wind 180 deg - Service	TIA-222-G load combination	20.6 kip	0.0 kip	-3.4 kip	1.2 kip-ft	-278.8 kip-ft
46	Dead+Wind 210 deg - Service	TIA-222-G load combination	20.6 kip	1.7 kip	-2.9 kip	-137.4 kip-ft	-236.7 kip-ft
47	Dead+Wind 240 deg - Service	TIA-222-G load combination	20.6 kip	2.9 kip	-1.6 kip	-239.2 kip-ft	-135.8 kip-ft
48	Dead+Wind 270 deg - Service	TIA-222-G load combination	20.6 kip	3.4 kip	0.0 kip	-280.9 kip-ft	1.5 kip-ft
49	Dead+Wind 300 deg - Service	TIA-222-G load combination	20.6 kip	2.9 kip	1.7 kip	-244.7 kip-ft	140.8 kip-ft
50	Dead+Wind 330 deg - Service	TIA-222-G load combination	20.6 kip	2.1 kip	3.5 kip	-166.0 kip-ft	283.7 kip-ft

### Uplift capacity

#### Resistance factors

Resistance factor for shaft resistance of caisson - Uplift

0.35

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Load factor for foundation weight 0.750  
Load factor for soil weight 0.750

**Details for maximum uplift force:**

Number of critical combination 1  
Maximum uplift force from critical combination 0.00 kip  
Shaft resistance of caisson due to skin friction 107.27 kip  
Weight of caisson 77.02 kip  
Weight of soil (for belled caissons) 0.00 kip  
Allowable uplift resistance 95.31 kip  
Ratio = Maximum uplift force / Uplift resistance 0

**Bearing capacity**

**Resistance factors**

Resistance factor for shaft resistance of caisson - Bearing 0.45  
Resistance factor for base resistance of caisson - Bearing 0.4

**Details for maximum compression force:**

Number of critical combination 26  
Maximum compression force from critical combination 47.41 kip  
Shaft resistance of caisson due to skin friction 107.27 kip  
Base resistance 2557.66 kip  
Allowable bearing resistance 1071.33 kip  
Ratio = Maximum compression / Compression resistance 0.044

**Maximum moment along Caisson (P-Y)**

**Results for the critical load:**

Number of critical combination 24  
Max moment in caisson Mmax 1985.25 kip-ft

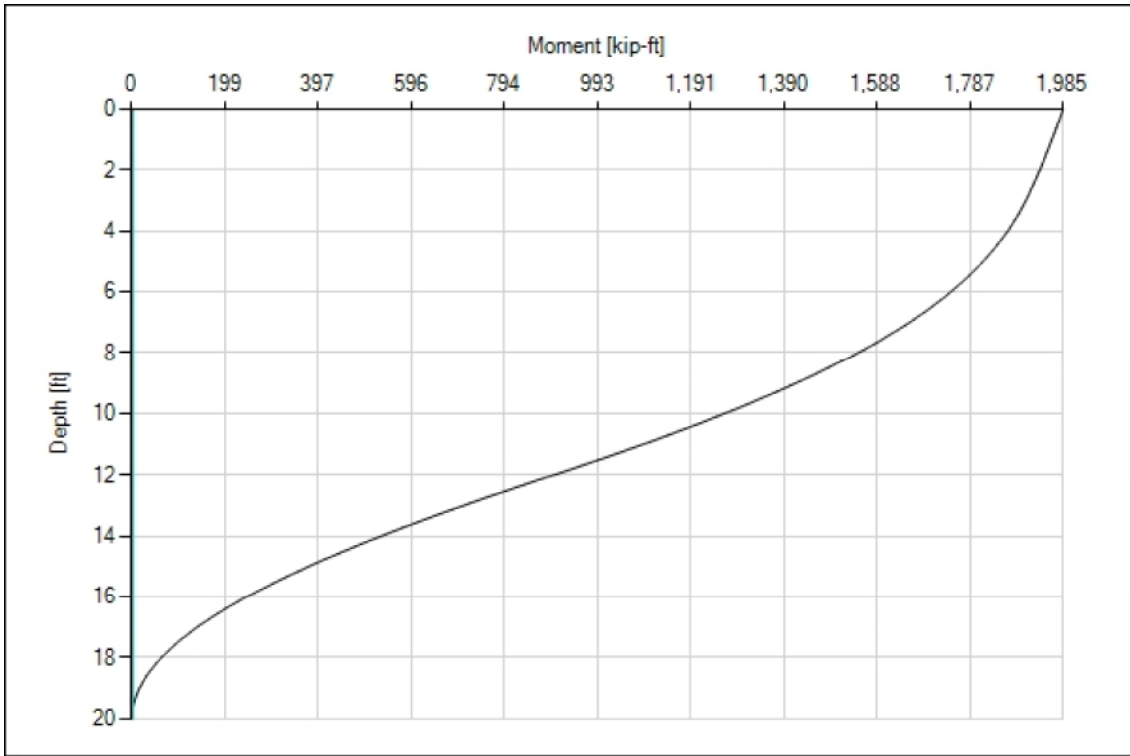
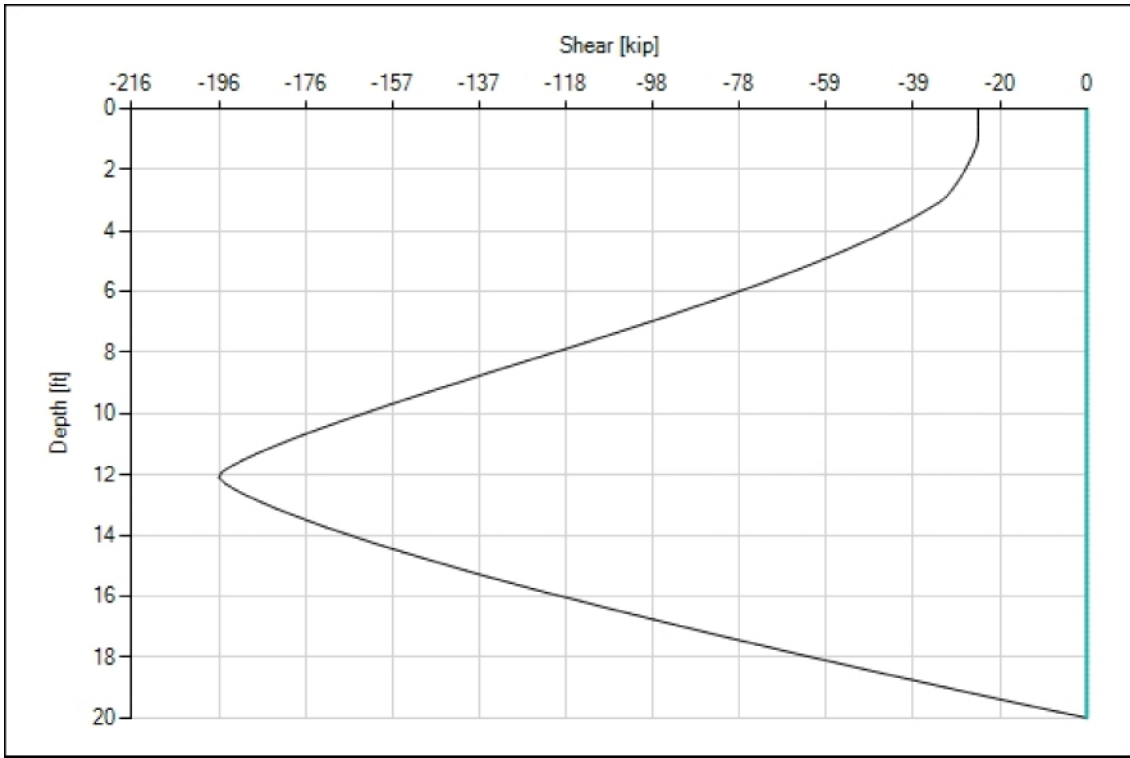
**Shear and Moments along Caisson:**

Level	Shear	Moment	Deflection
0.0 ft	-24.57 kip	1985.25 kip-ft	0.169 in
2.2 ft	-28.39 kip	1928.88 kip-ft	0.126 in
4.4 ft	-51.60 kip	1845.46 kip-ft	0.089 in
6.7 ft	-91.99 kip	1688.20 kip-ft	0.058 in
8.9 ft	-139.81 kip	1431.32 kip-ft	0.031 in
11.3 ft	-187.53 kip	1031.69 kip-ft	0.007 in
13.5 ft	-175.68 kip	610.94 kip-ft	-0.012 in
15.8 ft	-124.89 kip	274.22 kip-ft	-0.029 in
18.0 ft	-62.74 kip	64.19 kip-ft	-0.046 in

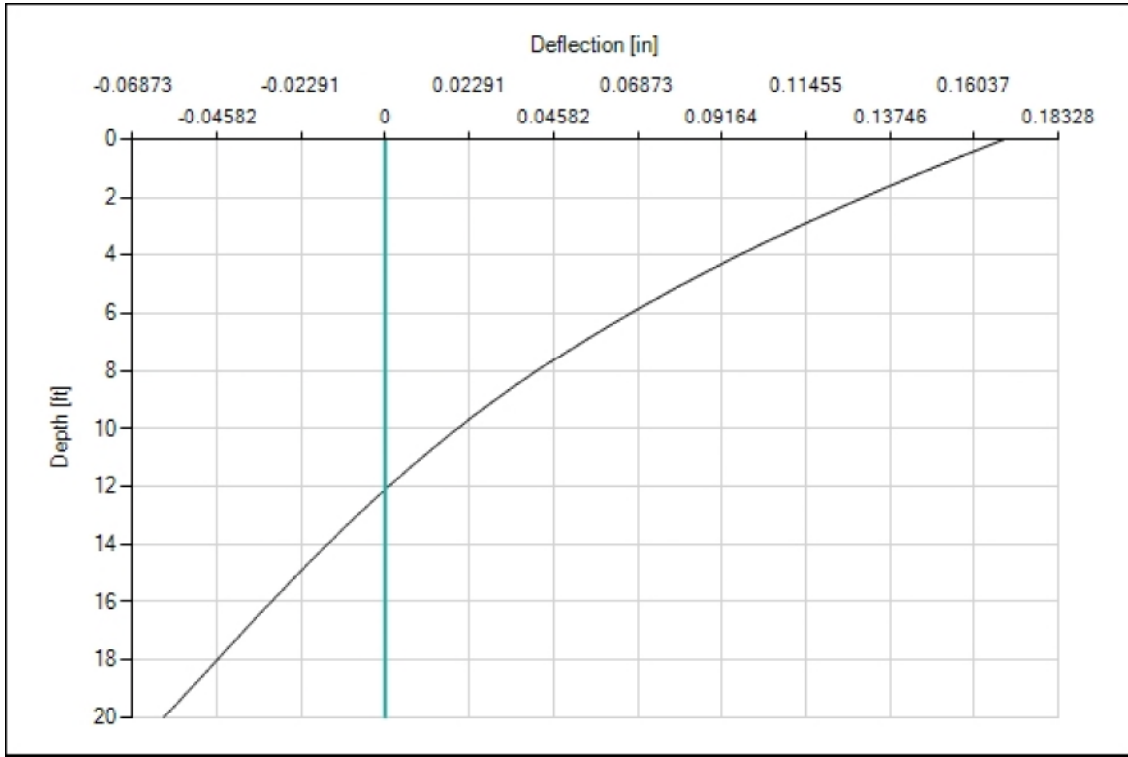


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20.0 ft	-0.02 kip	0.00 kip-ft	-0.060 in
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### Caisson Flexure

**Data:**

Resistance factor for tension		0.9
Concrete cover		3.50 in
Steel strength of vertical bars	fy	60.00 ksi
Number of vertical bars		24
Diameter of vertical bars		1.00 in
Area of one bar		0.79 in <sup>2</sup>

**Reinforcement ratio:**

Reinforcement area		18.85 in <sup>2</sup>
Reinforcement ratio		0.006
Min reinforcement ratio		0.003
Verification: Reinforcement ratio > Min reinforcement ratio		OK

**Results for the critical load:**

Max moment in caisson	Mu	1985.25 kip-ft
Vertical load	Pu	24.78 kip
Caisson moment capacity	Mn	2384.26 kip-ft
Ratio = Mu / Mn		0.833



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## Antenna Mount Analysis Report and PMI Requirements

### Mount Analysis

SMART Tool Project #: 10037970  
Maser Consulting Connecticut Project #: 21777017A

March 31, 2021

#### Site Information

Site ID: 469404-VZW / Germantown CT  
Site Name: Germantown CT  
Carrier Name: Verizon Wireless  
Address: 50 Newtown Rd  
Danbury, Connecticut 06810  
Fairfield County  
Latitude: 41.403428°  
Longitude: -73.424010°

#### Structure Information

Tower Type: 100-Ft Monopole  
Mount Type: 12.00-Ft Platform

FUZE ID # 16231826

#### Analysis Results

Platform: 61.2% Pass

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

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

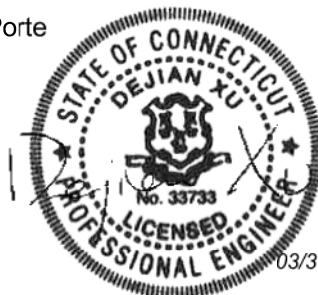
***Available & Submitted via portal at <https://pmi.vzwsmart.com>***

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

***Requirements also Noted on Mount Modification Drawings***

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

Report Prepared By: Nathan LaPorte



03/31/2021

## **Executive Summary:**

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

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

## **Sources of Information:**

<b>Document Type</b>	<b>Remarks</b>
<i>Radio Frequency Data Sheet (RFDS)</i>	<i>Verizon RFDS Site ID: 323938, dated 1/12/2021</i>
<i>Mount Mapping Report</i>	<i>Structural Components Site ID: 16231826, dated 2/25/2021</i>

## **Analysis Criteria:**

Codes and Standards:	ANSI/TIA-222-H
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), $V_{ULT}$ : 115 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.00 in Risk Category: II Exposure Category: C Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, $K_e$ : 0.987
Seismic Parameters:	$S_s$ : 0.221 $S_1$ : 0.056
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
87.00	90.00	1	Amphenol	BXA-80063-6BF-EDIN-0	Retained
		6	Commscope	JAHH-65B-R3B	
		2	Amphenol Antel	BXA-80080-6CF	
		3	Samsung	XXDWMM-12.5-65-8T-CBRS	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		4	Commscope	CBC78T-DS-43	
		2	Raycap	RRFDC-3315-PF-48*	
		3	Samsung	MT6407-77A	Added

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

**Standard Conditions:**

1. All engineering services are performed on the basis that the information provided to Maser Consulting Connecticut and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Maser Consulting Connecticut to verify deviation will not adversely impact the analysis.
2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer’s specifications.

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

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

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped by Maser Consulting Connecticut, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer’s specifications.
4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.
5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.
6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Maser Consulting Connecticut is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.

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

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

**Analysis Results:**

Component	Utilization %	Pass/Fail
<i>Threaded Rod</i>	43.1%	<i>Pass</i>
<i>Kicker</i>	5.9%	<i>Pass</i>
<i>Tie-Back</i>	8.0%	<i>Pass</i>
<i>Secondary Horizontal</i>	26.1%	<i>Pass</i>
<i>Mount Pipe</i>	13.9%	<i>Pass</i>
<i>Face Bracing</i>	20.7%	<i>Pass</i>
<i>Antenna Support Tube</i>	5.8%	<i>Pass</i>
<i>Standoff Mount Support</i>	11.3%	<i>Pass</i>
<i>Corner Plate</i>	11.6%	<i>Pass</i>
<i>Support Rail</i>	16.6%	<i>Pass</i>
<i>Standoff Horizontal</i>	37.0%	<i>Pass</i>
<i>Face Horizontal</i>	45.3%	<i>Pass</i>
<i>Ladder Rung</i>	11.3%	<i>Pass</i>
<i>Ladder Rail</i>	25.6%	<i>Pass</i>
<i>Cross Brace</i>	61.2%	<i>Pass</i>
<i>Ring Plate</i>	46.6%	<i>Pass</i>
<i>Mount Connection</i>	60.1%	<i>Pass</i>
<b>Structure Rating – (Controlling Utilization of all Components)</b>		<b>61.2%</b>

**Recommendation:**

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

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

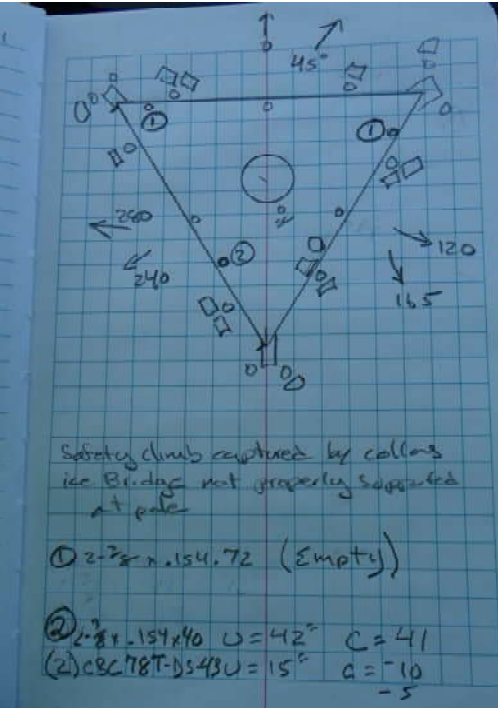
**Attachments:**

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

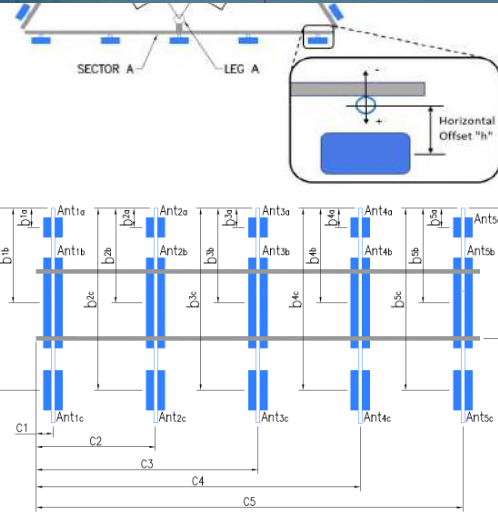


	<b>Antenna Mount Mapping Form (PATENT PENDING)</b>			FCC #
	Tower Owner:	Other	Mapping Date:	2/25/2021
Site Name:	Germantown CT	Tower Type:	Monopole	
Site Number or ID:	16231826	Tower Height (Ft.):	100	
Mapping Contractor:	Structural Components	Mount Elevation (Ft.):	90	

This antenna mapping form is the property of TES and under PATENT PENDING. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication, modification or disclosure by any method is prohibited except by express written permission of TES. All means and methods are the responsibility of the contractor and the work shall be compliant with ANSI/ASSE A 10.48, OSHA, FCC, FAA and other safety requirements that may apply. TES is not warranting the usability of the safety climb as it must be assessed prior to each use in compliance with OSHA requirements.



Mount Pipe Configuration and Geometries [Unit = Inches]							
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2-3/8 x .154 x 80	58.00	-18.00	C1	2-3/8 x .154 x 80	58.00	-18.00
A2	2-3/8 x .154 x 96	78.00	31.00	C2	2-3/8 x .154 x 72	78.00	31.00
A3	2-3/8 x .154 x 40	40.00	67.00	C3	2-3/8 x .154 x 72	40.00	67.00
A4	2-3/8 x .154 x 96	78.00	103.00	C4	2-3/8 x .154 x 72	78.00	103.00
A5	2-3/8 x .154 x 80	58.00	18.00	C5	2-3/8 x .154 x 80	58.00	18.00
A6				C6			
B1	2-3/8 x .154 x 80	58.00	-18.00	D1			
B2	2-3/8 x .154 x 96	78.00	31.00	D2			
B3	2-3/8 x .154 x 40	40.00	67.00	D3			
B4	2-3/8 x .154 x 96	78.00	103.00	D4			
B5	2-3/8 x .154 x 80	58.00	18.00	D5			
B6				D6			
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							0.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							
Please enter additional information or comments below.							
see sketch for additional position detail							
Tower Face Width at Mount Elev. (ft.):				Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):			
				17.5			

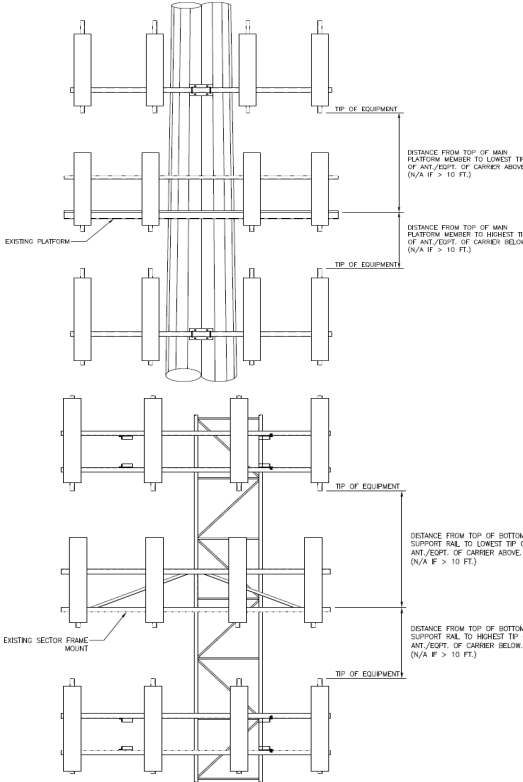


Ants. Items	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances "b <sub>1a</sub> , b <sub>2a</sub> , b <sub>3a</sub> , b <sub>1b</sub> ,..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
<b>Sector A</b>										
Ant <sub>1a</sub>										
Ant <sub>1b</sub>	Empty					94.8333				10
Ant <sub>1c</sub>										
Ant <sub>2a</sub>	Samsung RFV01U-D1	15.50	12.00	15.50	jumpers	92.5417	47.50	-8.00		34, 366
Ant <sub>2b</sub>	(2)Comm JAHH-65B-R	13.50	8.00	72.00	jumpers	93	42.00	13.00	45.00	10
Ant <sub>2c</sub>										
Ant <sub>3a</sub>	Comm CBC78T-DS-4	7.00	5.00	6.00	jumpers	92.6667	8.00	-5.00		397, 387
Ant <sub>3b</sub>										
Ant <sub>3c</sub>	Comm CBC78T-DS-4	7.00	5.00	6.00	jumpers	92.6667	8.00	-10.00		397, 387
Ant <sub>4a</sub>	Samsung RFV01U-D2	15.50	15.50	10.00	jumpers	92.4167	49.00	-7.50		10, 401
Ant <sub>4b</sub>	Samsung RT4401-48A	8.50	5.00	14.00	jumpers	93.0833	41.00	10.50	45.00	10, 398
Ant <sub>4c</sub>										
Ant <sub>5a</sub>										
Ant <sub>5b</sub>	Antel BXA 80080/6CF	8.00	3.00	72.00	(2)1-5/8	91.4167	41.00	8.00	45.00	10
Ant <sub>5c</sub>										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

**Antenna Layout (Looking Out From Tower)**



Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector				Sector B																	
Sector A:	0.00	Deg	Leg A:		Deg	Leg B:		Ant <sub>1a</sub>																	
Sector B:	120.00	Deg	Leg B:		Deg	Leg C:		Ant <sub>1b</sub>	Empty						94.8333						17				
Sector C:	240.00	Deg	Leg C:		Deg	Leg D:		Ant <sub>1c</sub>																	
Sector D:		Deg	Leg D:		Deg			Ant <sub>2a</sub>	Samsung RFV01U-D1	15.50	12.00	15.50	jumpers	92.625	46.50	-8.00					420				
<b>Climbing Facility Information</b>								Ant <sub>2b</sub>	(2)Comm JAHH-65B-R	13.50	8.00	72.00	jumpers	93.0833	41.00	13.00	165.00				17				
Location:		Deg	N/A					Ant <sub>2c</sub>																	
Climbing Facility	Corrosion Type:	N/A						Ant <sub>3a</sub>	Comm CBC78T-DS-43	7.00	5.00	6.00	jumpers	92.6875	7.75	-8.00						433, 430			
	Access:	Climbing path was obstructed.						Ant <sub>3b</sub>																	
	Condition:	Damaged safety cable.						Ant <sub>3c</sub>	Comm CBC78T-DS-43	7.00	5.00	6.00	jumpers	92.6875	7.75	-16.00						433, 430			
								Ant <sub>4a</sub>	Samsung RFV01U-D2	15.50	15.50	10.00	jumpers	92.9167	43.00	-8.00						17, 435			
								Ant <sub>4b</sub>	Samsung RT4401-48A	8.50	5.00	14.00	jumpers	92.9167	43.00	10.00	165.00						17		
								Ant <sub>4c</sub>																	
								Ant <sub>5a</sub>																	
								Ant <sub>5b</sub>	Antel BXA 80080/6CF	8.00	3.00	72.00	(2)1-5/8	91.4167	41.00	8.00	165.00							17, 435	
								Ant <sub>5c</sub>																	
								Ant on Standoff																	
								Ant on Standoff																	
								Ant on Tower																	
								Ant on Tower																	
								<b>Sector C</b>																	
								Ant <sub>1a</sub>																	
								Ant <sub>1b</sub>	Empty						94.8333										22
								Ant <sub>1c</sub>																	
								Ant <sub>2a</sub>	Samsung RFV01U-D1	15.50	12.00	15.50	jumpers	92.5	48.00	-8.00									
								Ant <sub>2b</sub>	(2)Comm JAHH-65B-R	13.50	8.00	72.00	jumpers	93	42.00	13.00	280.00							22	
								Ant <sub>2c</sub>																	
								Ant <sub>3a</sub>	Samsung RFV01U-D2	15.50	15.50	10.00	jumpers	89.75	43.00	10.00							459		
								Ant <sub>3b</sub>																	
								Ant <sub>3c</sub>																	
								Ant <sub>4a</sub>																	
								Ant <sub>4b</sub>	Samsung RT4401-48A	8.50	5.00	14.00	jumpers	93.0833	41.00	10.00	280.00						22, 474		
								Ant <sub>4c</sub>																	
								Ant <sub>5a</sub>																	
								Ant <sub>5b</sub>	BXA 80063/6BF EDIN	11.00	5.00	72.00	(2)1-5/8	91.8333	36.00	9.50	280.00							22	
								Ant <sub>5c</sub>																	
								Ant on Standoff																	
								Ant on Standoff																	
								Ant on Tower	RRFDC-3315-PF-48	14.50	11.00	19.00	1.5" Hyb	93	38.00									471	
								Ant on Tower	RRFDC-3315-PF-48	14.50	11.00	19.00	1.5" Hyb	93	79.00								472		
								<b>Sector D</b>																	
								Ant <sub>1a</sub>																	
								Ant <sub>1b</sub>																	
								Ant <sub>1c</sub>																	
								Ant <sub>2a</sub>																	
								Ant <sub>2b</sub>																	
								Ant <sub>2c</sub>																	
								Ant <sub>3a</sub>																	
								Ant <sub>3b</sub>																	
								Ant <sub>3c</sub>																	
								Ant <sub>4a</sub>																	
								Ant <sub>4b</sub>																	
								Ant <sub>4c</sub>																	
								Ant <sub>5a</sub>																	
								Ant <sub>5b</sub>																	
								Ant <sub>5c</sub>																	
								Ant on Standoff																	
								Ant on Standoff																	
								Ant on Tower																	
								Ant on Tower																	



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

1	safety climb captured by VZW mount	28
2	Ice bridge from roof to pole is not secured	31
3		
4		
5		
6		
7		
8		

**Mapping Notes**

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

**Standard Conditions**

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



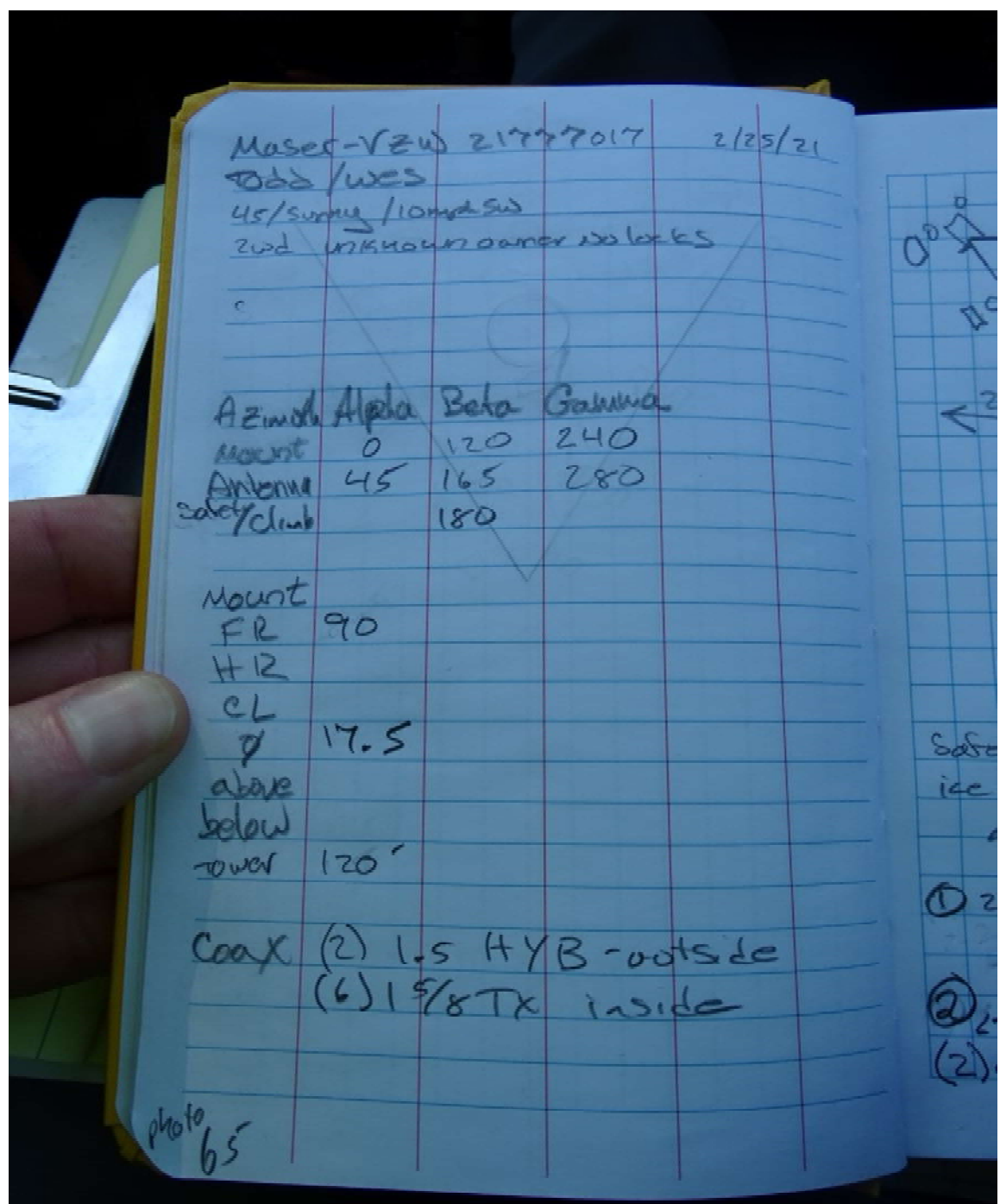
### Antenna Mount Mapping Form (PATENT PENDING)

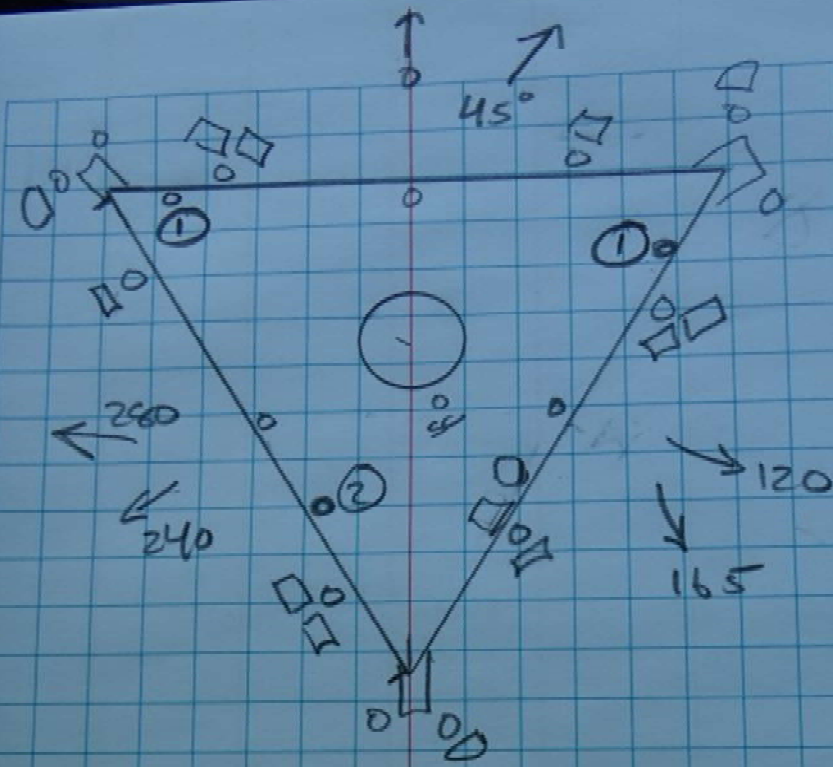
FCC #

Tower Owner:	Other	Mapping Date:	2/25/2021
Site Name:	Germantown CT	Tower Type:	Monopole
Site Number or ID:	16231826	Tower Height (Ft.):	100
Mapping Contractor:	Structural Components	Mount Elevation (Ft.):	90

This antenna mapping form is the property of TES and under PATENT PENDING. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication, modification or disclosure by any method is prohibited except by express written permission of TES. All means and methods are the responsibility of the contractor and the work shall be compliant with ANSI/ASSE A 10.48, OSHA, FCC, FAA and other safety requirements that may apply. TES is not warranting the usability of the safety climb as it must be assessed prior to each use in compliance with OSHA requirements.

Please Insert Sketches of the Antenna Mount





Safety climb captured by collars  
ice Bridge not properly supported  
at pole

①  $2 \frac{3}{8} \times .154.72$  (Empty)

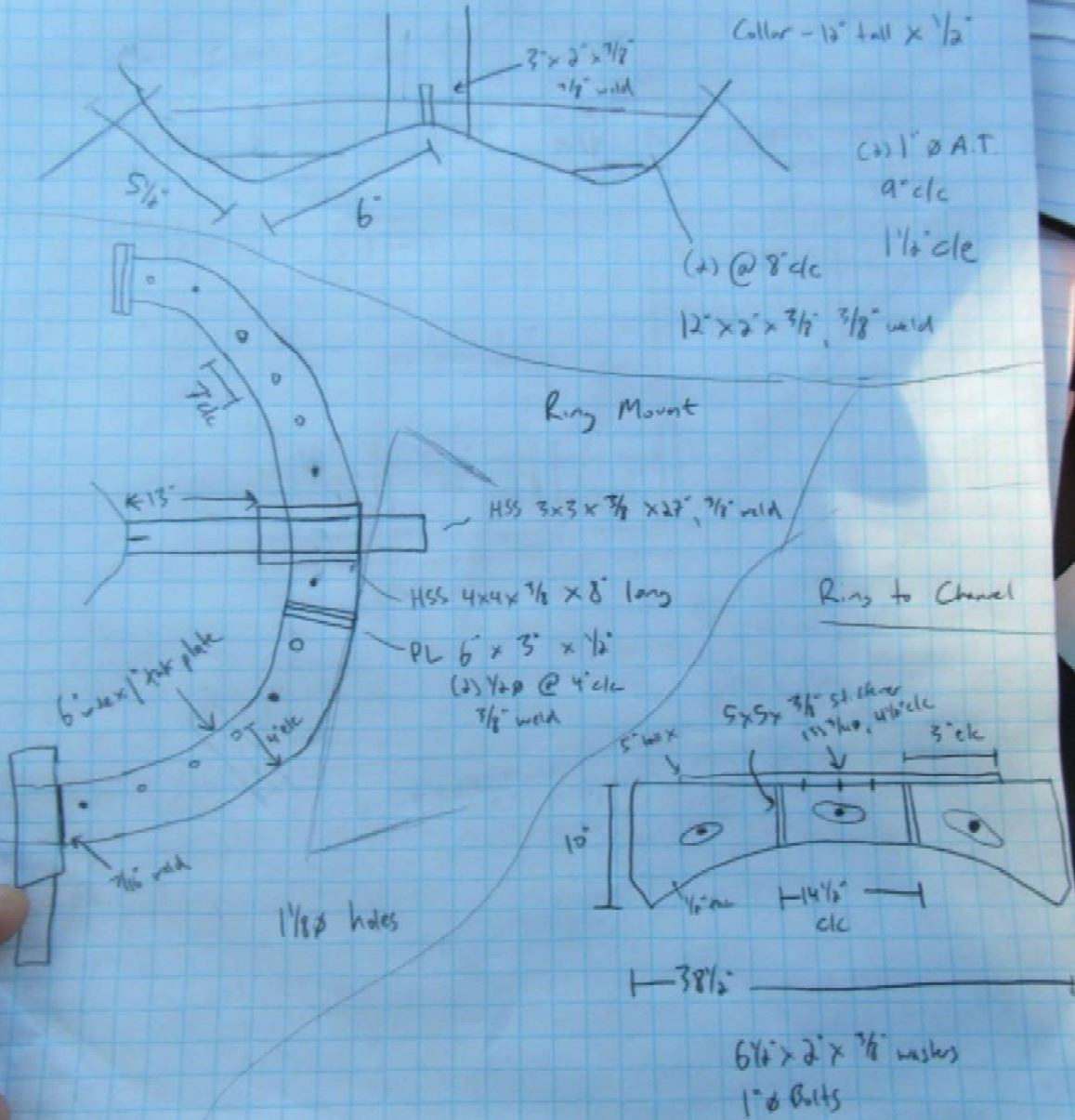
②  $2 \frac{3}{8} \times .154 \times 40$   $U = 42''$   $C = 41$

(2) CBC 78T-DS-43U = 15''  $C = -10$

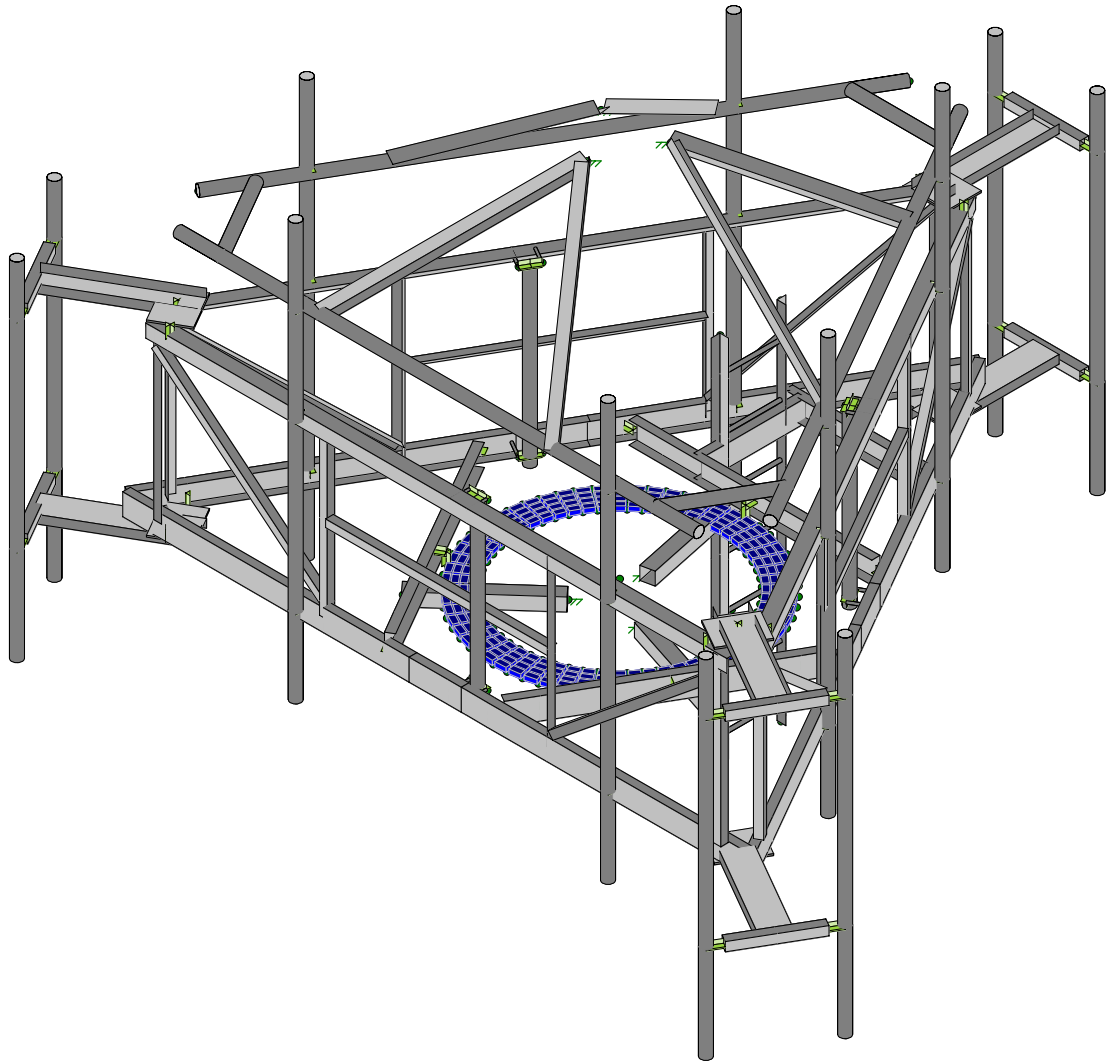
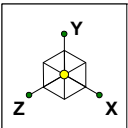
-5

Germentam CT 21777017

2/25/21

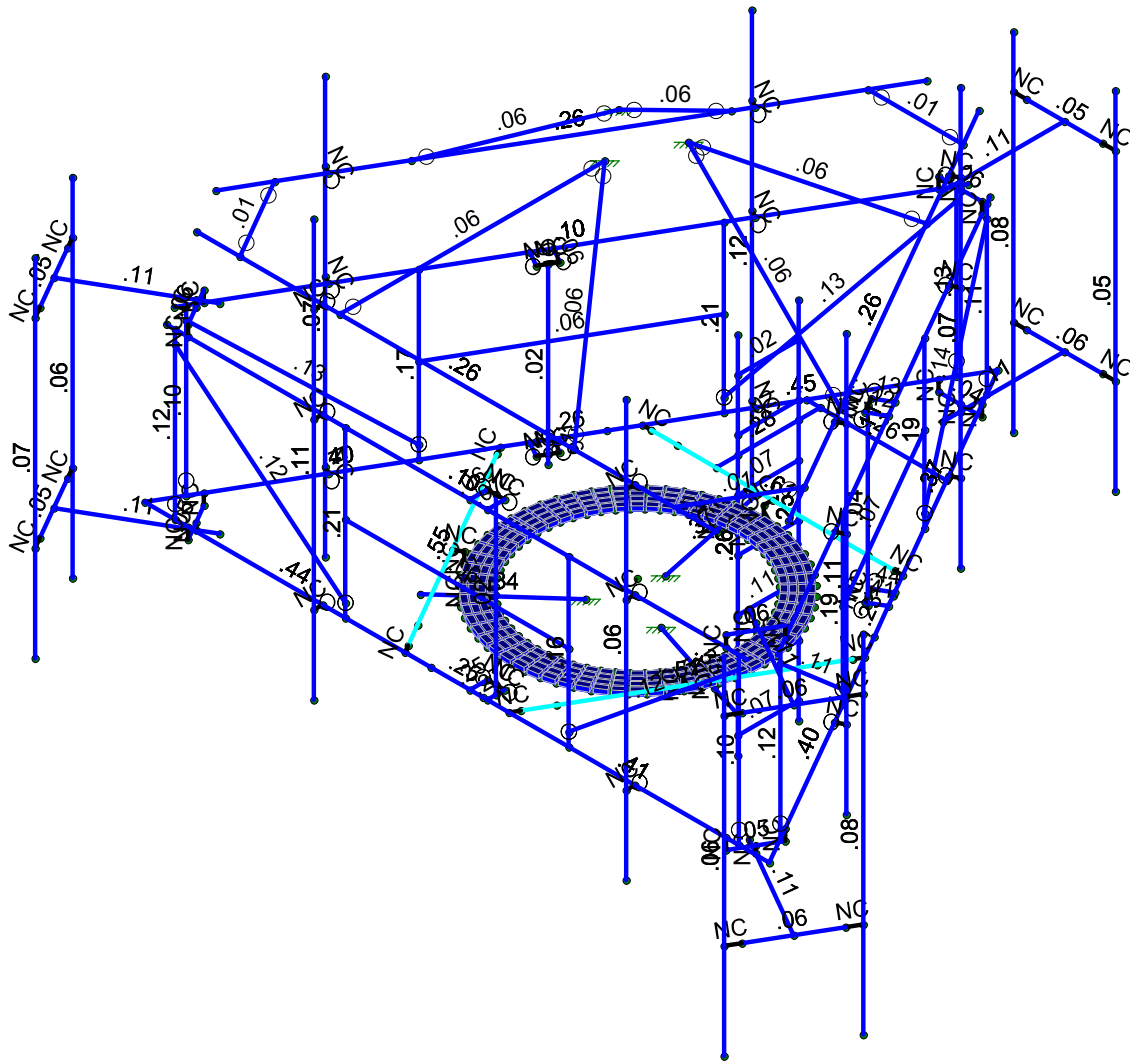
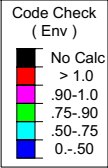
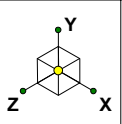






Envelope Only Solution

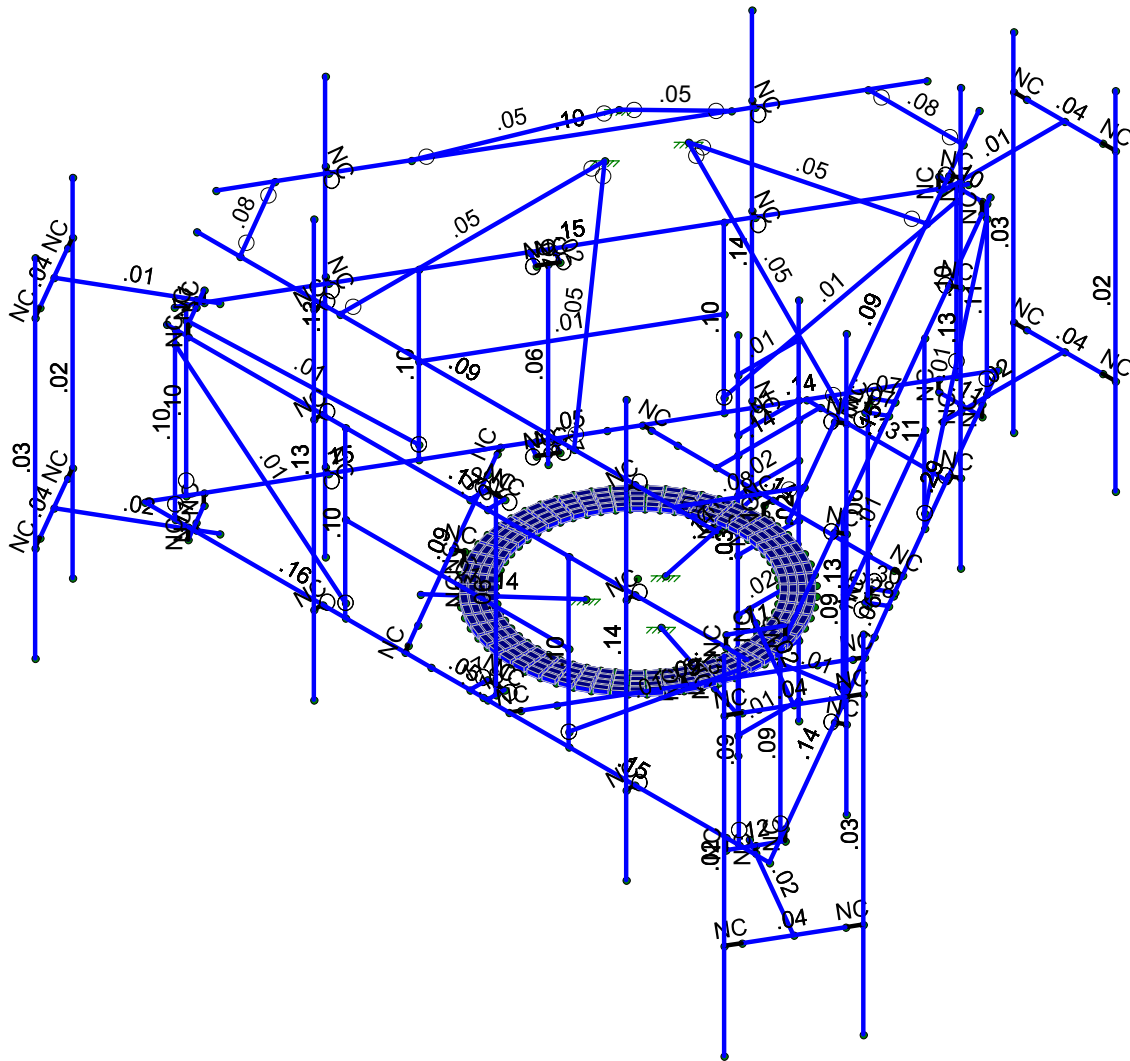
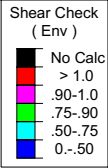
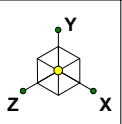
Maser Consulting	Mount Analysis	SK - 1
NL		Mar 31, 2021 at 11:38 AM
21777017A		469404-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)  
Envelope Only Solution

Maser Consulting	Mount Analysis	SK - 2
NL		Mar 31, 2021 at 11:39 AM
21777017A		469404-VZW_MT_LO_H.r3d





Member Shear Checks Displayed (Enveloped)  
Envelope Only Solution

Maser Consulting	Mount Analysis	SK - 3
NL		Mar 31, 2021 at 11:39 AM
21777017A		469404-VZW_MT_LO_H.r3d



**Basic Load Cases**

BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	DistributedArea(Me... Surface(...
1 Antenna D	None					102	
2 Antenna Di	None					102	
3 Antenna Wo (0 Deg)	None					102	
4 Antenna Wo (30 Deg)	None					102	
5 Antenna Wo (60 Deg)	None					102	
6 Antenna Wo (90 Deg)	None					102	
7 Antenna Wo (120 Deg)	None					102	
8 Antenna Wo (150 Deg)	None					102	
9 Antenna Wo (180 Deg)	None					102	
10 Antenna Wo (210 Deg)	None					102	
11 Antenna Wo (240 Deg)	None					102	
12 Antenna Wo (270 Deg)	None					102	
13 Antenna Wo (300 Deg)	None					102	
14 Antenna Wo (330 Deg)	None					102	
15 Antenna Wi (0 Deg)	None					102	
16 Antenna Wi (30 Deg)	None					102	
17 Antenna Wi (60 Deg)	None					102	
18 Antenna Wi (90 Deg)	None					102	
19 Antenna Wi (120 Deg)	None					102	
20 Antenna Wi (150 Deg)	None					102	
21 Antenna Wi (180 Deg)	None					102	
22 Antenna Wi (210 Deg)	None					102	
23 Antenna Wi (240 Deg)	None					102	
24 Antenna Wi (270 Deg)	None					102	
25 Antenna Wi (300 Deg)	None					102	
26 Antenna Wi (330 Deg)	None					102	
27 Antenna Wm (0 Deg)	None					102	
28 Antenna Wm (30 Deg)	None					102	
29 Antenna Wm (60 Deg)	None					102	
30 Antenna Wm (90 Deg)	None					102	
31 Antenna Wm (120 Deg)	None					102	
32 Antenna Wm (150 Deg)	None					102	
33 Antenna Wm (180 Deg)	None					102	
34 Antenna Wm (210 Deg)	None					102	
35 Antenna Wm (240 Deg)	None					102	
36 Antenna Wm (270 Deg)	None					102	
37 Antenna Wm (300 Deg)	None					102	
38 Antenna Wm (330 Deg)	None					102	
39 Structure D	None		-1				4
40 Structure Di	None						7
41 Structure Wo (0 Deg)	None						214
42 Structure Wo (30 Deg)	None						214
43 Structure Wo (60 Deg)	None						214
44 Structure Wo (90 Deg)	None						214
45 Structure Wo (120 Deg)	None						214
46 Structure Wo (150 Deg)	None						214
47 Structure Wo (180 Deg)	None						214
48 Structure Wo (210 Deg)	None						214
49 Structure Wo (240 Deg)	None						214
50 Structure Wo (270 Deg)	None						214
51 Structure Wo (300 Deg)	None						214
52 Structure Wo (330 Deg)	None						214
53 Structure Wi (0 Deg)	None						214
54 Structure Wi (30 Deg)	None						214
55 Structure Wi (60 Deg)	None						214
56 Structure Wi (90 Deg)	None						214



**Basic Load Cases (Continued)**

BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	DistributedArea(Me...Surface(...
57 Structure Wi (120 Deg)	None						214
58 Structure Wi (150 Deg)	None						214
59 Structure Wi (180 Deg)	None						214
60 Structure Wi (210 Deg)	None						214
61 Structure Wi (240 Deg)	None						214
62 Structure Wi (270 Deg)	None						214
63 Structure Wi (300 Deg)	None						214
64 Structure Wi (330 Deg)	None						214
65 Structure Wm (0 Deg)	None						214
66 Structure Wm (30 Deg)	None						214
67 Structure Wm (60 Deg)	None						214
68 Structure Wm (90 Deg)	None						214
69 Structure Wm (120 Deg)	None						214
70 Structure Wm (150 Deg)	None						214
71 Structure Wm (180 Deg)	None						214
72 Structure Wm (210 Deg)	None						214
73 Structure Wm (240 Deg)	None						214
74 Structure Wm (270 Deg)	None						214
75 Structure Wm (300 Deg)	None						214
76 Structure Wm (330 Deg)	None						214
77 Lm1	None					1	
78 Lm2	None					1	
79 Lv1	None					1	
80 Lv2	None					1	
81 BLC 39 Transient Area ...	None						56
82 BLC 40 Transient Area ...	None						170

**Load Combinations**

Description	Solve P...	S...	BLCFac..	BLCFac..	BLC Fac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..
1 1.2D+1.0Wo (0 De...	Yes	Y	1	1.2	39	1.2	3	1	41	1		
2 1.2D+1.0Wo (30 D...	Yes	Y	1	1.2	39	1.2	4	1	42	1		
3 1.2D+1.0Wo (60 D...	Yes	Y	1	1.2	39	1.2	5	1	43	1		
4 1.2D+1.0Wo (90 D...	Yes	Y	1	1.2	39	1.2	6	1	44	1		
5 1.2D+1.0Wo (120 ...	Yes	Y	1	1.2	39	1.2	7	1	45	1		
6 1.2D+1.0Wo (150 ...	Yes	Y	1	1.2	39	1.2	8	1	46	1		
7 1.2D+1.0Wo (180 ...	Yes	Y	1	1.2	39	1.2	9	1	47	1		
8 1.2D+1.0Wo (210 ...	Yes	Y	1	1.2	39	1.2	10	1	48	1		
9 1.2D+1.0Wo (240 ...	Yes	Y	1	1.2	39	1.2	11	1	49	1		
10 1.2D+1.0Wo (270 ...	Yes	Y	1	1.2	39	1.2	12	1	50	1		
11 1.2D+1.0Wo (300 ...	Yes	Y	1	1.2	39	1.2	13	1	51	1		
12 1.2D+1.0Wo (330 ...	Yes	Y	1	1.2	39	1.2	14	1	52	1		
13 1.2D + 1.0Di + 1.0...	Yes	Y	1	1.2	39	1.2	2	1	40	1	15	1
14 1.2D + 1.0Di + 1.0...	Yes	Y	1	1.2	39	1.2	2	1	40	1	16	1
15 1.2D + 1.0Di + 1.0...	Yes	Y	1	1.2	39	1.2	2	1	40	1	17	1
16 1.2D + 1.0Di + 1.0...	Yes	Y	1	1.2	39	1.2	2	1	40	1	18	1
17 1.2D + 1.0Di + 1.0...	Yes	Y	1	1.2	39	1.2	2	1	40	1	19	1
18 1.2D + 1.0Di + 1.0...	Yes	Y	1	1.2	39	1.2	2	1	40	1	20	1
19 1.2D + 1.0Di + 1.0...	Yes	Y	1	1.2	39	1.2	2	1	40	1	21	1
20 1.2D + 1.0Di + 1.0...	Yes	Y	1	1.2	39	1.2	2	1	40	1	22	1
21 1.2D + 1.0Di + 1.0...	Yes	Y	1	1.2	39	1.2	2	1	40	1	23	1
22 1.2D + 1.0Di + 1.0...	Yes	Y	1	1.2	39	1.2	2	1	40	1	24	1
23 1.2D + 1.0Di + 1.0...	Yes	Y	1	1.2	39	1.2	2	1	40	1	25	1
24 1.2D + 1.0Di + 1.0...	Yes	Y	1	1.2	39	1.2	2	1	40	1	26	1
25 1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	27	1	65	1
26 1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	28	1	66	1



**Load Combinations (Continued)**

Description	Solve P...	S...	BLCFac...	BLCFac...	BLC Fac...	BLCFac...	BLCFac...	BLCFac...	BLCFac...	BLCFac...	BLCFac...	BLCFac...	BLCFac...
27	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	29	1	67	1
28	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	30	1	68	1
29	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	31	1	69	1
30	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	32	1	70	1
31	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	33	1	71	1
32	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	34	1	72	1
33	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	35	1	73	1
34	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	36	1	74	1
35	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	37	1	75	1
36	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	38	1	76	1
37	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	27	1	65	1
38	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	28	1	66	1
39	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	29	1	67	1
40	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	30	1	68	1
41	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	31	1	69	1
42	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	32	1	70	1
43	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	33	1	71	1
44	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	34	1	72	1
45	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	35	1	73	1
46	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	36	1	74	1
47	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	37	1	75	1
48	1.2D + 1.5Lm2 + 1...	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 + 1.0...		Y	1	1.2	39	1.2	SX		SY	1	SZ	-1
54	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866
55	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5
56	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	1	SY	1	SZ	
57	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	.866	SY	1	SZ	.5
58	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	.5	SY	1	SZ	.866
59	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX		SY	1	SZ	1
60	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866
61	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5
62	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	-1	SY	1	SZ	
63	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5
64	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.866

**Joint Coordinates and Temperatures**

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
1	N1	0	0	0	0	
2	N2	72	0	41.569219	0	
3	N3	-72	0	41.569219	0	
4	N4	12	0	41.569219	0	
5	N5	-12	0	41.569219	0	
6	N11	5.	0	37.569219	0	
7	N12	5.	38.	37.569219	0	
8	N13	5.	-2.	37.569219	0	
9	N14	41.	0	41.569219	0	
10	N15	41.	0	43.569219	0	
11	N16	41.	78	43.569219	0	
12	N17	41.	-18	43.569219	0	
13	N22	0.	0	-83.138439	0	
14	N24	30.	0	-31.176915	0	



**Joint Coordinates and Temperatures (Continued)**

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
15	N25	42.	0	-10.392305	0	
16	N44	-42.	0	-10.392305	0	
17	N45	-30.	0	-31.176915	0	
18	N59A	-28.	0	-31.176915	0	
19	N60A	28.	0	-31.176915	0	
20	N63	-13.	0	39.837169	0	
21	N64	-41.	0	-8.660254	0	
22	N67	41.	0	-8.660254	0	
23	N68	13.	0	39.837169	0	
24	N67A	5.	0	-74.478185	0	
25	N68B	-5.	0	-74.478185	0	
26	N69A	5.	-2.5	-74.478185	0	
27	N70	-5.	-2.5	-74.478185	0	
28	N73	-67.	0	32.908965	0	
29	N74	-62.	0	41.569219	0	
30	N75	-67.	-2.5	32.908965	0	
31	N76	-62.	-2.5	41.569219	0	
32	N79	62.	0	41.569219	0	
33	N80	67.	0	32.908965	0	
34	N81	62.	-2.5	41.569219	0	
35	N82	67.	-2.5	32.908965	0	
36	N83	-13.	0	-31.176915	0	
37	N84	-13.	0	-55.176915	0	
38	N85	16.143594	0	-55.176915	0	
39	N86	-16.143594	0	-55.176915	0	
40	N87	-13.	24	-36.176915	0	
41	N88	-13.	-60	-36.176915	0	
42	N89	-13.	24	-50.176915	0	
43	N90	-13.	-60	-50.176915	0	
44	N91	-13.	0	-36.176915	0	
45	N92	-13.	0	-50.176915	0	
46	N93	-13.	16.	-36.176915	0	
47	N94	-13.	16.	-50.176915	0	
48	N95	-13.	-44.	-36.176915	0	
49	N96	-13.	-44.	-50.176915	0	
50	N97	-13.	-32.	-36.176915	0	
51	N98	-13.	-32.	-50.176915	0	
52	N99	-13.	-20.	-36.176915	0	
53	N100	-13.	-20.	-50.176915	0	
54	N101	-13.	-8.	-36.176915	0	
55	N102	-13.	-8.	-50.176915	0	
56	N103	-13.	4.	-36.176915	0	
57	N104	-13.	4.	-50.176915	0	
58	N105	-13.	-56.	-36.176915	0	
59	N106	-13.	-56.	-50.176915	0	
60	N108	-0.	0	-31.176915	0	
61	N109	-1.753988	-4.5	-8.251863	0	
62	N110	-7.367603	-4.5	-34.661848	0	
63	N112	-0.	-4.5	-26.176915	0	
64	N120	-22.669873	-4.5	13.088457	0	
65	N121	22.669873	-4.5	13.088457	0	
66	N122	-0.	-2.5	-26.176915	0	
67	N123	-22.669873	-2.5	13.088457	0	
68	N124	22.669873	-2.5	13.088457	0	
69	N125	0	-2.5	23.177	0	
70	N126	2.422656	-2.5	23.050034	0	
71	N127	4.818769	-2.5	22.670527	0	



**Joint Coordinates and Temperatures (Continued)**

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
72	N128	7.162087	-2.5	22.042637	0	
73	N129	9.426935	-2.5	21.173243	0	
74	N130	11.5885	-2.5	20.071871	0	
75	N131	13.623099	-2.5	18.750587	0	
76	N132	15.50844	-2.5	17.223868	0	
77	N133	17.223868	-2.5	15.50844	0	
78	N134	18.750587	-2.5	13.623099	0	
79	N135	20.071871	-2.5	11.5885	0	
80	N136	21.173243	-2.5	9.426935	0	
81	N137	22.042637	-2.5	7.162087	0	
82	N138	22.670527	-2.5	4.818769	0	
83	N139	23.050034	-2.5	2.422656	0	
84	N140	23.177	-2.5	0	0	
85	N141	23.050034	-2.5	-2.422656	0	
86	N142	22.670527	-2.5	-4.818769	0	
87	N143	22.042637	-2.5	-7.162087	0	
88	N144	21.173243	-2.5	-9.426935	0	
89	N145	20.071871	-2.5	-11.5885	0	
90	N146	18.750587	-2.5	-13.623099	0	
91	N147	17.223868	-2.5	-15.50844	0	
92	N148	15.50844	-2.5	-17.223868	0	
93	N149	13.623099	-2.5	-18.750587	0	
94	N150	11.5885	-2.5	-20.071871	0	
95	N151	9.426935	-2.5	-21.173243	0	
96	N152	7.162087	-2.5	-22.042637	0	
97	N153	4.818769	-2.5	-22.670527	0	
98	N154	2.422656	-2.5	-23.050034	0	
99	N155	0	-2.5	-23.177	0	
100	N156	-2.422656	-2.5	-23.050034	0	
101	N157	-4.818769	-2.5	-22.670527	0	
102	N158	-7.162087	-2.5	-22.042637	0	
103	N159	-9.426935	-2.5	-21.173243	0	
104	N160	-11.5885	-2.5	-20.071871	0	
105	N161	-13.623099	-2.5	-18.750587	0	
106	N162	-15.50844	-2.5	-17.223868	0	
107	N163	-17.223868	-2.5	-15.50844	0	
108	N164	-18.750587	-2.5	-13.623099	0	
109	N165	-20.071871	-2.5	-11.5885	0	
110	N166	-21.173243	-2.5	-9.426935	0	
111	N167	-22.042637	-2.5	-7.162087	0	
112	N168	-22.670527	-2.5	-4.818769	0	
113	N169	-23.050034	-2.5	-2.422656	0	
114	N170	-23.177	-2.5	0	0	
115	N171	-23.050034	-2.5	2.422656	0	
116	N172	-22.670527	-2.5	4.818769	0	
117	N173	-22.042637	-2.5	7.162087	0	
118	N174	-21.173243	-2.5	9.426935	0	
119	N175	-20.071871	-2.5	11.5885	0	
120	N176	-18.750587	-2.5	13.623099	0	
121	N177	-17.223868	-2.5	15.50844	0	
122	N178	-15.50844	-2.5	17.223868	0	
123	N179	-13.623099	-2.5	18.750587	0	
124	N180	-11.5885	-2.5	20.071871	0	
125	N181	-9.426935	-2.5	21.173243	0	
126	N182	-7.162087	-2.5	22.042637	0	
127	N183	-4.818769	-2.5	22.670527	0	
128	N184	-2.422656	-2.5	23.050034	0	



**Joint Coordinates and Temperatures (Continued)**

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
129	N186	0	-2.5	24.677	0	
130	N187	2.579449	-2.5	24.541817	0	
131	N188	5.130637	-2.5	24.137748	0	
132	N189	7.625612	-2.5	23.469222	0	
133	N190	10.03704	-2.5	22.543561	0	
134	N191	12.3385	-2.5	21.370909	0	
135	N192	14.504777	-2.5	19.964112	0	
136	N193	16.512136	-2.5	18.338585	0	
137	N194	18.338585	-2.5	16.512136	0	
138	N195	19.964112	-2.5	14.504777	0	
139	N196	21.370909	-2.5	12.3385	0	
140	N197	22.543561	-2.5	10.03704	0	
141	N198	23.469222	-2.5	7.625612	0	
142	N199	24.137748	-2.5	5.130637	0	
143	N200	24.541817	-2.5	2.579449	0	
144	N201	24.677	-2.5	0	0	
145	N202	24.541817	-2.5	-2.579449	0	
146	N203	24.137748	-2.5	-5.130637	0	
147	N204	23.469222	-2.5	-7.625612	0	
148	N205	22.543561	-2.5	-10.03704	0	
149	N206	21.370909	-2.5	-12.3385	0	
150	N207	19.964112	-2.5	-14.504777	0	
151	N208	18.338585	-2.5	-16.512136	0	
152	N209	16.512136	-2.5	-18.338585	0	
153	N210	14.504777	-2.5	-19.964112	0	
154	N211	12.3385	-2.5	-21.370909	0	
155	N212	10.03704	-2.5	-22.543561	0	
156	N213	7.625612	-2.5	-23.469222	0	
157	N214	5.130637	-2.5	-24.137748	0	
158	N215	2.579449	-2.5	-24.541817	0	
159	N216	0	-2.5	-24.677	0	
160	N217	-2.579449	-2.5	-24.541817	0	
161	N218	-5.130637	-2.5	-24.137748	0	
162	N219	-7.625612	-2.5	-23.469222	0	
163	N220	-10.03704	-2.5	-22.543561	0	
164	N221	-12.3385	-2.5	-21.370909	0	
165	N222	-14.504777	-2.5	-19.964112	0	
166	N223	-16.512136	-2.5	-18.338585	0	
167	N224	-18.338585	-2.5	-16.512136	0	
168	N225	-19.964112	-2.5	-14.504777	0	
169	N226	-21.370909	-2.5	-12.3385	0	
170	N227	-22.543561	-2.5	-10.03704	0	
171	N228	-23.469222	-2.5	-7.625612	0	
172	N229	-24.137748	-2.5	-5.130637	0	
173	N230	-24.541817	-2.5	-2.579449	0	
174	N231	-24.677	-2.5	0	0	
175	N232	-24.541817	-2.5	2.579449	0	
176	N233	-24.137748	-2.5	5.130637	0	
177	N234	-23.469222	-2.5	7.625612	0	
178	N235	-22.543561	-2.5	10.03704	0	
179	N236	-21.370909	-2.5	12.3385	0	
180	N237	-19.964112	-2.5	14.504777	0	
181	N238	-18.338585	-2.5	16.512136	0	
182	N239	-16.512136	-2.5	18.338585	0	
183	N240	-14.504777	-2.5	19.964112	0	
184	N241	-12.3385	-2.5	21.370909	0	
185	N242	-10.03704	-2.5	22.543561	0	



**Joint Coordinates and Temperatures (Continued)**

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
186	N243	-7.625612	-2.5	23.469222	0	
187	N244	-5.130637	-2.5	24.137748	0	
188	N245	-2.579449	-2.5	24.541817	0	
189	N247	0	-2.5	26.177	0	
190	N248	2.736242	-2.5	26.0336	0	
191	N249	5.442504	-2.5	25.60497	0	
192	N250	8.089138	-2.5	24.895806	0	
193	N251	10.647145	-2.5	23.913879	0	
194	N252	13.0885	-2.5	22.669947	0	
195	N253	15.386455	-2.5	21.177638	0	
196	N254	17.515832	-2.5	19.453302	0	
197	N255	19.453302	-2.5	17.515832	0	
198	N256	21.177638	-2.5	15.386455	0	
199	N258	23.913879	-2.5	10.647145	0	
200	N259	24.895806	-2.5	8.089138	0	
201	N260	25.60497	-2.5	5.442504	0	
202	N261	26.0336	-2.5	2.736242	0	
203	N262	26.177	-2.5	0	0	
204	N263	26.0336	-2.5	-2.736242	0	
205	N264	25.60497	-2.5	-5.442504	0	
206	N265	24.895806	-2.5	-8.089138	0	
207	N266	23.913879	-2.5	-10.647145	0	
208	N267	22.669947	-2.5	-13.0885	0	
209	N268	21.177638	-2.5	-15.386455	0	
210	N269	19.453302	-2.5	-17.515832	0	
211	N270	17.515832	-2.5	-19.453302	0	
212	N271	15.386455	-2.5	-21.177638	0	
213	N272	13.0885	-2.5	-22.669947	0	
214	N273	10.647145	-2.5	-23.913879	0	
215	N274	8.089138	-2.5	-24.895806	0	
216	N275	5.442504	-2.5	-25.60497	0	
217	N276	2.736242	-2.5	-26.0336	0	
218	N278	-2.736242	-2.5	-26.0336	0	
219	N279	-5.442504	-2.5	-25.60497	0	
220	N280	-8.089138	-2.5	-24.895806	0	
221	N281	-10.647145	-2.5	-23.913879	0	
222	N282	-13.0885	-2.5	-22.669947	0	
223	N283	-15.386455	-2.5	-21.177638	0	
224	N284	-17.515832	-2.5	-19.453302	0	
225	N285	-19.453302	-2.5	-17.515832	0	
226	N286	-21.177638	-2.5	-15.386455	0	
227	N287	-22.669947	-2.5	-13.0885	0	
228	N288	-23.913879	-2.5	-10.647145	0	
229	N289	-24.895806	-2.5	-8.089138	0	
230	N290	-25.60497	-2.5	-5.442504	0	
231	N291	-26.0336	-2.5	-2.736242	0	
232	N292	-26.177	-2.5	0	0	
233	N293	-26.0336	-2.5	2.736242	0	
234	N294	-25.60497	-2.5	5.442504	0	
235	N295	-24.895806	-2.5	8.089138	0	
236	N296	-23.913879	-2.5	10.647145	0	
237	N298	-21.177638	-2.5	15.386455	0	
238	N299	-19.453302	-2.5	17.515832	0	
239	N300	-17.515832	-2.5	19.453302	0	
240	N301	-15.386455	-2.5	21.177638	0	
241	N302	-13.0885	-2.5	22.669947	0	
242	N303	-10.647145	-2.5	23.913879	0	





**Joint Coordinates and Temperatures (Continued)**

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
243	N304	-8.089138	-2.5	24.895806	0	
244	N305	-5.442504	-2.5	25.60497	0	
245	N306	-2.736242	-2.5	26.0336	0	
246	N308	0	-2.5	27.677	0	
247	N309	2.893034	-2.5	27.525382	0	
248	N310	5.754372	-2.5	27.072191	0	
249	N311	8.552663	-2.5	26.322391	0	
250	N312	11.25725	-2.5	25.284198	0	
251	N313	13.8385	-2.5	23.968985	0	
252	N314	16.268132	-2.5	22.391163	0	
253	N315	18.519528	-2.5	20.568019	0	
254	N316	20.568019	-2.5	18.519528	0	
255	N317	22.391163	-2.5	16.268132	0	
256	N318	23.968985	-2.5	13.8385	0	
257	N319	25.284198	-2.5	11.25725	0	
258	N320	26.322391	-2.5	8.552663	0	
259	N321	27.072191	-2.5	5.754372	0	
260	N322	27.525382	-2.5	2.893034	0	
261	N323	27.677	-2.5	0	0	
262	N324	27.525382	-2.5	-2.893034	0	
263	N325	27.072191	-2.5	-5.754372	0	
264	N326	26.322391	-2.5	-8.552663	0	
265	N327	25.284198	-2.5	-11.25725	0	
266	N328	23.968985	-2.5	-13.8385	0	
267	N329	22.391163	-2.5	-16.268132	0	
268	N330	20.568019	-2.5	-18.519528	0	
269	N331	18.519528	-2.5	-20.568019	0	
270	N332	16.268132	-2.5	-22.391163	0	
271	N333	13.8385	-2.5	-23.968985	0	
272	N334	11.25725	-2.5	-25.284198	0	
273	N335	8.552663	-2.5	-26.322391	0	
274	N336	5.754372	-2.5	-27.072191	0	
275	N337	2.893034	-2.5	-27.525382	0	
276	N338	0	-2.5	-27.677	0	
277	N339	-2.893034	-2.5	-27.525382	0	
278	N340	-5.754372	-2.5	-27.072191	0	
279	N341	-8.552663	-2.5	-26.322391	0	
280	N342	-11.25725	-2.5	-25.284198	0	
281	N343	-13.8385	-2.5	-23.968985	0	
282	N344	-16.268132	-2.5	-22.391163	0	
283	N345	-18.519528	-2.5	-20.568019	0	
284	N346	-20.568019	-2.5	-18.519528	0	
285	N347	-22.391163	-2.5	-16.268132	0	
286	N348	-23.968985	-2.5	-13.8385	0	
287	N349	-25.284198	-2.5	-11.25725	0	
288	N350	-26.322391	-2.5	-8.552663	0	
289	N351	-27.072191	-2.5	-5.754372	0	
290	N352	-27.525382	-2.5	-2.893034	0	
291	N353	-27.677	-2.5	0	0	
292	N354	-27.525382	-2.5	2.893034	0	
293	N355	-27.072191	-2.5	5.754372	0	
294	N356	-26.322391	-2.5	8.552663	0	
295	N357	-25.284198	-2.5	11.25725	0	
296	N358	-23.968985	-2.5	13.8385	0	
297	N359	-22.391163	-2.5	16.268132	0	
298	N360	-20.568019	-2.5	18.519528	0	
299	N361	-18.519528	-2.5	20.568019	0	



**Joint Coordinates and Temperatures (Continued)**

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
300	N362	-16.268132	-2.5	22.391163	0	
301	N363	-13.8385	-2.5	23.968985	0	
302	N364	-11.25725	-2.5	25.284198	0	
303	N365	-8.552663	-2.5	26.322391	0	
304	N366	-5.754372	-2.5	27.072191	0	
305	N367	-2.893034	-2.5	27.525382	0	
306	N369	0	-2.5	29.177	0	
307	N370	3.049827	-2.5	29.017165	0	
308	N371	6.066239	-2.5	28.539413	0	
309	N372	9.016189	-2.5	27.748976	0	
310	N373	11.867355	-2.5	26.654516	0	
311	N374	14.5885	-2.5	25.268023	0	
312	N375	17.14981	-2.5	23.604689	0	
313	N376	19.523224	-2.5	21.682737	0	
314	N377	21.682737	-2.5	19.523224	0	
315	N378	23.604689	-2.5	17.14981	0	
316	N379	25.268023	-2.5	14.5885	0	
317	N380	26.654516	-2.5	11.867355	0	
318	N381	27.748976	-2.5	9.016189	0	
319	N382	28.539413	-2.5	6.066239	0	
320	N383	29.017165	-2.5	3.049827	0	
321	N384	29.177	-2.5	0	0	
322	N385	29.017165	-2.5	-3.049827	0	
323	N386	28.539413	-2.5	-6.066239	0	
324	N387	27.748976	-2.5	-9.016189	0	
325	N388	26.654516	-2.5	-11.867355	0	
326	N389	25.268023	-2.5	-14.5885	0	
327	N390	23.604689	-2.5	-17.14981	0	
328	N391	21.682737	-2.5	-19.523224	0	
329	N392	19.523224	-2.5	-21.682737	0	
330	N393	17.14981	-2.5	-23.604689	0	
331	N394	14.5885	-2.5	-25.268023	0	
332	N395	11.867355	-2.5	-26.654516	0	
333	N396	9.016189	-2.5	-27.748976	0	
334	N397	6.066239	-2.5	-28.539413	0	
335	N398	3.049827	-2.5	-29.017165	0	
336	N399	0	-2.5	-29.177	0	
337	N400	-3.049827	-2.5	-29.017165	0	
338	N401	-6.066239	-2.5	-28.539413	0	
339	N402	-9.016189	-2.5	-27.748976	0	
340	N403	-11.867355	-2.5	-26.654516	0	
341	N404	-14.5885	-2.5	-25.268023	0	
342	N405	-17.14981	-2.5	-23.604689	0	
343	N406	-19.523224	-2.5	-21.682737	0	
344	N407	-21.682737	-2.5	-19.523224	0	
345	N408	-23.604689	-2.5	-17.14981	0	
346	N409	-25.268023	-2.5	-14.5885	0	
347	N410	-26.654516	-2.5	-11.867355	0	
348	N411	-27.748976	-2.5	-9.016189	0	
349	N412	-28.539413	-2.5	-6.066239	0	
350	N413	-29.017165	-2.5	-3.049827	0	
351	N414	-29.177	-2.5	0	0	
352	N415	-29.017165	-2.5	3.049827	0	
353	N416	-28.539413	-2.5	6.066239	0	
354	N417	-27.748976	-2.5	9.016189	0	
355	N418	-26.654516	-2.5	11.867355	0	
356	N419	-25.268023	-2.5	14.5885	0	



**Joint Coordinates and Temperatures (Continued)**

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
357	N420	-23.604689	-2.5	17.14981	0	
358	N421	-21.682737	-2.5	19.523224	0	
359	N422	-19.523224	-2.5	21.682737	0	
360	N423	-17.14981	-2.5	23.604689	0	
361	N424	-14.5885	-2.5	25.268023	0	
362	N425	-11.867355	-2.5	26.654516	0	
363	N426	-9.016189	-2.5	27.748976	0	
364	N427	-6.066239	-2.5	28.539413	0	
365	N428	-3.049827	-2.5	29.017165	0	
366	N425A	-6	0	41.569219	0	
367	N426A	39.	0	-15.588457	0	
368	N427A	-33.	0	-25.980762	0	
369	N428A	6	0	41.569219	0	
370	N429	33.	0	-25.980762	0	
371	N430	-39.	0	-15.588457	0	
372	N431	-22.	0	-31.176915	0	
373	N429A	22.	0	-31.176915	0	
374	N430A	-16.	0	34.641016	0	
375	N431A	-38.	0	-3.464102	0	
376	N432	38.	0	-3.464102	0	
377	N433	16.	0	34.641016	0	
378	N394A	-31.	0	41.569219	0	
379	N395A	-31.	0	43.569219	0	
380	N396A	-31.	78	43.569219	0	
381	N397A	-31.	-18	43.569219	0	
382	N383A	-5.130637	-4.5	-24.137748	0	
383	N384A	-5.442504	-4.5	-25.60497	0	
384	N385A	-5.754372	-4.5	-27.072191	0	
385	N386A	-6.269329	-4.5	5.644929	0	
386	N387A	-26.334239	-4.5	23.711456	0	
387	N391A	-18.338585	-4.5	16.512136	0	
388	N392A	-19.453302	-4.5	17.515832	0	
389	N393A	-20.568019	-4.5	18.519528	0	
390	N394B	8.023317	-4.5	2.606934	0	
391	N395B	33.701843	-4.5	10.950393	0	
392	N399A	23.469222	-4.5	7.625612	0	
393	N400A	24.895806	-4.5	8.089138	0	
394	N401A	26.322391	-4.5	8.552663	0	
395	N396B	0	0	-29.177	0	
396	N397B	-27.	0	15.588457	0	
397	N399B	-25.268023	0	14.5885	0	
398	N400B	27.	0	15.588457	0	
399	N402A	25.268023	0	14.5885	0	
400	N401B	-0.	-2.5	-74.478185	0	
401	N402B	-0.	-4.	-74.478185	0	
402	N403A	-0.	-4.	-70.478185	0	
403	N404A	-0.	-4.	-98.478185	0	
404	N405A	8.75	-4.	-98.478185	0	
405	N406A	-8.75	-4.	-98.478185	0	
406	N407A	-11.75	-4.	-98.478185	0	
407	N408A	-11.75	54	-98.478185	0	
408	N409A	-11.75	-26.	-98.478185	0	
409	N411A	11.75	-4.	-98.478185	0	
410	N412A	11.75	54	-98.478185	0	
411	N413A	11.75	-26.	-98.478185	0	
412	N413B	-64.5	-2.5	37.239092	0	
413	N414A	-64.5	-4.	37.239092	0	



**Joint Coordinates and Temperatures (Continued)**

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
414	N415A	-61.035898	-4.	35.239092	0	
415	N416A	-85.28461	-4.	49.239092	0	
416	N417A	-89.65961	-4.	41.66137	0	
417	N418A	-80.90961	-4.	56.816815	0	
418	N419A	-79.40961	-4.	59.414891	0	
419	N420A	-79.40961	54	59.414891	0	
420	N421A	-79.40961	-26.	59.414891	0	
421	N422A	-91.15961	-4.	39.063294	0	
422	N423A	-91.15961	54	39.063294	0	
423	N424A	-91.15961	-26.	39.063294	0	
424	N425B	64.5	-2.5	37.239092	0	
425	N426B	64.5	-4.	37.239092	0	
426	N427B	61.035898	-4.	35.239092	0	
427	N428B	85.28461	-4.	49.239092	0	
428	N429B	80.90961	-4.	56.816815	0	
429	N430B	89.65961	-4.	41.66137	0	
430	N431B	91.15961	-4.	39.063294	0	
431	N432A	91.15961	54	39.063294	0	
432	N433A	91.15961	-26.	39.063294	0	
433	N434	79.40961	-4.	59.414891	0	
434	N435	79.40961	54	59.414891	0	
435	N436	79.40961	-26.	59.414891	0	
436	N437	67.	38.	41.569219	0	
437	N440	41.	38.	41.569219	0	
438	N441	41.	38.	43.569219	0	
439	N442	-31.	38.	41.569219	0	
440	N443	-31.	38.	43.569219	0	
441	N443A	-67.	38.	41.569219	0	
442	N444	2.5	38.	-78.808312	0	
443	N445	69.5	38.	37.239092	0	
444	N446	-69.5	38.	37.239092	0	
445	N447	-2.5	38.	-78.808312	0	
446	N452	15.5	0	-56.291651	0	
447	N453	17.232051	0	-57.291651	0	
448	N454	17.232051	78	-57.291651	0	
449	N455	17.232051	-18	-57.291651	0	
450	N457	51.5	0	6.062178	0	
451	N458	53.232051	0	5.062178	0	
452	N459	53.232051	78	5.062178	0	
453	N460	53.232051	-18	5.062178	0	
454	N462	15.5	38.	-56.291651	0	
455	N463	17.232051	38.	-57.291651	0	
456	N464	51.5	38.	6.062178	0	
457	N465	53.232051	38.	5.062178	0	
458	N470	-56.5	0	14.722432	0	
459	N471	-58.232051	0	13.722432	0	
460	N472	-58.232051	78	13.722432	0	
461	N473	-58.232051	-18	13.722432	0	
462	N475	-20.5	0	-47.631397	0	
463	N476	-22.232051	0	-48.631397	0	
464	N477	-22.232051	78	-48.631397	0	
465	N478	-22.232051	-18	-48.631397	0	
466	N480	-56.5	38.	14.722432	0	
467	N481	-58.232051	38.	13.722432	0	
468	N482	-20.5	38.	-47.631397	0	
469	N483	-22.232051	38.	-48.631397	0	
470	N482A	5.	38.	-74.478185	0	



**Joint Coordinates and Temperatures (Continued)**

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
471	N483A	-5.	38.	-74.478185	0	
472	N484	5.	40.5	-74.478185	0	
473	N485	-5.	40.5	-74.478185	0	
474	N486	-0.	40.5	-74.478185	0	
475	N487	-0.	42	-74.478185	0	
476	N488	-0.	42	-70.478185	0	
477	N489	-0.	42	-98.478185	0	
478	N490	8.75	42	-98.478185	0	
479	N491	-8.75	42	-98.478185	0	
480	N492	-11.75	42	-98.478185	0	
481	N493	11.75	42	-98.478185	0	
482	N494	-67.	38.	32.908965	0	
483	N495	-62.	38.	41.569219	0	
484	N496	-67.	40.5	32.908965	0	
485	N497	-62.	40.5	41.569219	0	
486	N498	-64.5	40.5	37.239092	0	
487	N499	-64.5	42	37.239092	0	
488	N500	-61.035898	42	35.239092	0	
489	N501	-85.28461	42	49.239092	0	
490	N502	-89.65961	42	41.66137	0	
491	N503	-80.90961	42	56.816815	0	
492	N504	-79.40961	42	59.414891	0	
493	N505	-91.15961	42	39.063294	0	
494	N506	62.	38.	41.569219	0	
495	N507	67.	38.	32.908965	0	
496	N508	62.	40.5	41.569219	0	
497	N509	67.	40.5	32.908965	0	
498	N510	64.5	40.5	37.239092	0	
499	N511	64.5	42	37.239092	0	
500	N512	61.035898	42	35.239092	0	
501	N513	85.28461	42	49.239092	0	
502	N514	80.90961	42	56.816815	0	
503	N515	89.65961	42	41.66137	0	
504	N516	91.15961	42	39.063294	0	
505	N517	79.40961	42	59.414891	0	
506	N518	65.	0	41.569219	0	
507	N519	65.	38.	41.569219	0	
508	N520	25.75	0	41.569219	0	
509	N521	25.75	38.	41.569219	0	
510	N522	-65.	0	41.569219	0	
511	N523	-65.	38.	41.569219	0	
512	N524	-25.75	0	41.569219	0	
513	N525	-25.75	38.	41.569219	0	
514	N526	65.	35.	41.569219	0	
515	N527	-65.	35.	41.569219	0	
516	N528	25.75	3	41.569219	0	
517	N529	-25.75	3	41.569219	0	
518	N530	25.75	19.625	41.569219	0	
519	N531	-25.75	19.625	41.569219	0	
520	N532	3.5	0	-77.076261	0	
521	N533	3.5	38.	-77.076261	0	
522	N534	23.125	0	-43.084764	0	
523	N535	23.125	38.	-43.084764	0	
524	N536	68.5	0	35.507042	0	
525	N537	68.5	38.	35.507042	0	
526	N538	48.875	0	1.515544	0	
527	N539	48.875	38.	1.515544	0	



**Joint Coordinates and Temperatures (Continued)**

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
528	N540	3.5	35.	-77.076261	0	
529	N541	68.5	35.	35.507042	0	
530	N542	23.125	3	-43.084764	0	
531	N543	48.875	3	1.515544	0	
532	N544	23.125	19.625	-43.084764	0	
533	N545	48.875	19.625	1.515544	0	
534	N546	-68.5	0	35.507042	0	
535	N547	-68.5	38.	35.507042	0	
536	N548	-48.875	0	1.515544	0	
537	N549	-48.875	38.	1.515544	0	
538	N550	-3.5	0	-77.076261	0	
539	N551	-3.5	38.	-77.076261	0	
540	N552	-23.125	0	-43.084764	0	
541	N553	-23.125	38.	-43.084764	0	
542	N554	-68.5	35.	35.507042	0	
543	N555	-3.5	35.	-77.076261	0	
544	N556	-48.875	3	1.515544	0	
545	N557	-23.125	3	-43.084764	0	
546	N558	-48.875	19.625	1.515544	0	
547	N559	-23.125	19.625	-43.084764	0	
548	N548A	7.	0	37.569219	0	
549	N549A	7.	38.	37.569219	0	
550	N550A	3	0	37.569219	0	
551	N551A	3	38.	37.569219	0	
552	N552A	7.	0	41.569219	0	
553	N553A	7.	38.	41.569219	0	
554	N554A	3	0	41.569219	0	
555	N555A	3	38.	41.569219	0	
556	N556A	30.035898	0	-23.114737	0	
557	N557A	30.035898	38.	-23.114737	0	
558	N558A	30.035898	-2.	-23.114737	0	
559	N559A	29.035898	0	-24.846788	0	
560	N560	29.035898	38.	-24.846788	0	
561	N561	31.035898	0	-21.382686	0	
562	N562	31.035898	38.	-21.382686	0	
563	N563	32.5	0	-26.846788	0	
564	N564	32.5	38.	-26.846788	0	
565	N565	34.5	0	-23.382686	0	
566	N566	34.5	38.	-23.382686	0	
567	N567	-35.035898	0	-14.454483	0	
568	N568	-35.035898	38.	-14.454483	0	
569	N569	-35.035898	-2.	-14.454483	0	
570	N570	-36.035898	0	-12.722432	0	
571	N571	-36.035898	38.	-12.722432	0	
572	N572	-34.035898	0	-16.186533	0	
573	N573	-34.035898	38.	-16.186533	0	
574	N574	-39.5	0	-14.722432	0	
575	N575	-39.5	38.	-14.722432	0	
576	N576	-37.5	0	-18.186533	0	
577	N577	-37.5	38.	-18.186533	0	
578	N578	27	60	41.569219	0	
579	N579	-27	60	41.569219	0	
580	N580	-60	60	41.569219	0	
581	N581	60	60	41.569219	0	
582	N586	66.	60	31.176915	0	
583	N587	6.	60	-72.746134	0	
584	N590	10.964101	60	-64.148058	0	



### Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
585	N592	-6.	60	-72.746134	0	
586	N593	-66.	60	31.176915	0	
587	N594	-10.964101	60	-64.148058	0	
588	N598	41.	60	41.569219	0	
589	N599	41.	60	43.569219	0	
590	N600	-31.	60	41.569219	0	
591	N601	-31.	60	43.569219	0	
592	N602	15.5	60	-56.291651	0	
593	N603	17.232051	60	-57.291651	0	
594	N604	51.5	60	6.062178	0	
595	N605	53.232051	60	5.062178	0	
596	N606	-56.5	60	14.722432	0	
597	N607	-58.232051	60	13.722432	0	
598	N608	-20.5	60	-47.631397	0	
599	N609	-22.232051	60	-48.631397	0	
600	N618	0.881825	88.	8.39	0	
601	N617	22.5	60	-44.167295	0	
602	N618A	49.5	60	2.598076	0	
603	N619	6.825041	88.	-4.958683	0	
604	N620	-49.5	60	2.598076	0	
605	N621	-22.5	60	-44.167295	0	
606	N622	-7.706866	88.	-3.431317	0	
607	N611	-61.035898	60	22.578839	0	
608	N612	-50.071797	60	41.569219	0	
609	N613	50.071797	60	41.569219	0	
610	N614	61.035898	60	22.578839	0	

### Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in <sup>2</sup> ]	Iyy [in <sup>4</sup> ]	Izz [in <sup>4</sup> ]	J [in <sup>4</sup> ]
1	Face Horizontal	C5X6.7	Beam	Channel	A36 Gr.36	Typical	1.97	.47	7.48	.055
2	Cross Brace	C5X9	Beam	Channel	A36 Gr.36	Typical	2.64	.624	8.89	.109
3	Standoff Horizontal	HSS3X3X6	Beam	SquareTube	A500 Gr. B 46	Typical	3.39	3.78	3.78	6.64
4	Corner Plate	PL3/8x8	Beam	RECT	A36 Gr.36	Typical	3	.035	16	.136
5	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
6	Ladder Rail	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
7	Ladder Rung	SR 0.75	Beam	BAR	A36 Gr.36	Typical	.442	.016	.016	.031
8	Connection Plate	PL1/4x5	Beam	RECT	A36 Gr.36	Typical	1.25	.007	2.604	.025
9	Standoff Mount Su...	C6X8.2	Beam	Channel	A36 Gr.36	Typical	2.39	.687	13.1	.074
10	Antenna Support ...	HSS2X2X4	Beam	SquareTube	A500 Gr. B 46	Typical	1.51	.747	.747	1.31
11	Support Rail	L3X3X5	Beam	Single Angle	A36 Gr.36	Typical	1.78	1.5	1.5	.06
12	Face Bracing	L1.75X1.75X...	Beam	Single Angle	A36 Gr.36	Typical	2.063	.489	.489	.254
13	Threaded Rod	SR 0.5	Beam	BAR	A36 Gr.36	Typical	.196	.003	.003	.006
14	Secondary Horizo...	PIPE 2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
15	Kicker	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical	.901	.535	.535	.011
16	Tie-Back	PIPE 2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
17	TES Face Bracing	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009

### Hot Rolled Steel Properties

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



**Hot Rolled Steel Properties (Continued)**

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft...	Yield[ksi]	Rv	Fu[ksi]	Rt
6	A500 Gr. B 46	29000	11154	.3	.65	.49	46	1.4	58	1.3

**Member Primary Data**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N3	N425A		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
2	MP3A	N12	N13			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
3	MP2A	N16	N17			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
4	M7	N15	N14			RIGID	None	None	RIGID	Typical
5	M10	N2	N426A		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
6	M19	N22	N427A		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
7	M28	N59A	N60A			Cross Brace	Beam	Channel	A36 Gr.36	Typical
8	M29	N45	N59A			RIGID	None	None	RIGID	Typical
9	M30	N24	N60A			RIGID	None	None	RIGID	Typical
10	M31	N63	N64			Cross Brace	Beam	Channel	A36 Gr.36	Typical
11	M32	N5	N63			RIGID	None	None	RIGID	Typical
12	M33	N44	N64			RIGID	None	None	RIGID	Typical
13	M34	N67	N68			Cross Brace	Beam	Channel	A36 Gr.36	Typical
14	M35	N25	N67			RIGID	None	None	RIGID	Typical
15	M36	N4	N68			RIGID	None	None	RIGID	Typical
16	M40	N70	N69A		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
17	M41	N70	N68B			RIGID	None	None	RIGID	Typical
18	M42	N69A	N67A			RIGID	None	None	RIGID	Typical
19	M46	N76	N75		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
20	M47	N76	N74			RIGID	None	None	RIGID	Typical
21	M48	N75	N73			RIGID	None	None	RIGID	Typical
22	M52	N82	N81		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
23	M53	N82	N80			RIGID	None	None	RIGID	Typical
24	M54	N81	N79			RIGID	None	None	RIGID	Typical
25	M55	N86	N85			Cross Brace	Beam	Channel	A36 Gr.36	Typical
26	M56	N84	N83			Cross Brace	Beam	Channel	A36 Gr.36	Typical
27	M57	N87	N88		180	Ladder Rail	Beam	Single Angle	A36 Gr.36	Typical
28	M58	N89	N90		90	Ladder Rail	Beam	Single Angle	A36 Gr.36	Typical
29	M59	N93	N94			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
30	M60	N95	N96			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
31	M61	N97	N98			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
32	M62	N99	N100			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
33	M63	N101	N102			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
34	M64	N103	N104			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
35	M65	N105	N106			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
36	M66	N110	N109			Standoff Horiz...	Beam	SquareTube	A500 Gr. ...	Typical
37	M72	N122	N112			RIGID	None	None	RIGID	Typical
38	M73	N124	N121			RIGID	None	None	RIGID	Typical
39	M74	N123	N120			RIGID	None	None	RIGID	Typical
40	M75	N425A	N428A		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
41	M76	N426A	N429		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
42	M77	N427A	N430		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
43	M78	N428A	N2		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
44	M79	N429	N22		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
45	M80	N430	N3		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
46	MP4A	N396A	N397A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
47	M62A	N395A	N394A			RIGID	None	None	RIGID	Typical
48	M49	N218	N383A			RIGID	None	None	RIGID	Typical
49	M50	N279	N384A			RIGID	None	None	RIGID	Typical
50	M51	N340	N385A			RIGID	None	None	RIGID	Typical
51	M52A	N387A	N386A			Standoff Horiz...	Beam	SquareTube	A500 Gr. ...	Typical





**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
52	M53A	N238	N391A			RIGID	None	None	RIGID	Typical
53	M54A	N299	N392A			RIGID	None	None	RIGID	Typical
54	M55A	N360	N393A			RIGID	None	None	RIGID	Typical
55	M56A	N395B	N394B			Standoff Horiz...	Beam	SquareTube	A500 Gr. ...	Typical
56	M57A	N198	N399A			RIGID	None	None	RIGID	Typical
57	M58A	N259	N400A			RIGID	None	None	RIGID	Typical
58	M59A	N320	N401A			RIGID	None	None	RIGID	Typical
59	M60A	N108	N396B			RIGID	None	None	RIGID	Typical
60	M61B	N396B	N399			RIGID	None	None	RIGID	Typical
61	M62B	N397B	N399B			RIGID	None	None	RIGID	Typical
62	M63A	N399B	N419			RIGID	None	None	RIGID	Typical
63	M64A	N400B	N402A			RIGID	None	None	RIGID	Typical
64	M65A	N402A	N379			RIGID	None	None	RIGID	Typical
65	M66A	N401B	N402B			RIGID	None	None	RIGID	Typical
66	M67	N403A	N404A		90	Standoff Moun...	Beam	Channel	A36 Gr.36	Typical
67	M68	N406A	N405A			Antenna Supp...	Beam	SquareTube	A500 Gr. ...	Typical
68	MP5B	N408A	N409A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
69	M70	N407A	N406A			RIGID	None	None	RIGID	Typical
70	MP1C	N412A	N413A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
71	M72A	N411A	N405A			RIGID	None	None	RIGID	Typical
72	M73A	N413B	N414A			RIGID	None	None	RIGID	Typical
73	M74A	N415A	N416A		90	Standoff Moun...	Beam	Channel	A36 Gr.36	Typical
74	M75A	N418A	N417A			Antenna Supp...	Beam	SquareTube	A500 Gr. ...	Typical
75	MP5A	N420A	N421A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
76	M77A	N419A	N418A			RIGID	None	None	RIGID	Typical
77	MP1B	N423A	N424A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
78	M79A	N422A	N417A			RIGID	None	None	RIGID	Typical
79	M80A	N425B	N426B			RIGID	None	None	RIGID	Typical
80	M81	N427B	N428B		90	Standoff Moun...	Beam	Channel	A36 Gr.36	Typical
81	M82	N430B	N429B			Antenna Supp...	Beam	SquareTube	A500 Gr. ...	Typical
82	MP5C	N432A	N433A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
83	M84	N431B	N430B			RIGID	None	None	RIGID	Typical
84	MP1A	N435	N436			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
85	M86	N434	N429B			RIGID	None	None	RIGID	Typical
86	M88	N441	N440			RIGID	None	None	RIGID	Typical
87	M89	N443	N442			RIGID	None	None	RIGID	Typical
88	M90	N443A	N437		180	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
89	M91	N445	N444		180	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
90	M92	N447	N446		180	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
91	MP2C	N454	N455			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
92	M96	N453	N452			RIGID	None	None	RIGID	Typical
93	MP4C	N459	N460			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
94	M98	N458	N457			RIGID	None	None	RIGID	Typical
95	M100	N463	N462			RIGID	None	None	RIGID	Typical
96	M101	N465	N464			RIGID	None	None	RIGID	Typical
97	MP2B	N472	N473			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
98	M105	N471	N470			RIGID	None	None	RIGID	Typical
99	MP4B	N477	N478			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
100	M107	N476	N475			RIGID	None	None	RIGID	Typical
101	M109	N481	N480			RIGID	None	None	RIGID	Typical
102	M110	N483	N482			RIGID	None	None	RIGID	Typical
103	M111	N485	N484		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
104	M112	N485	N483A			RIGID	None	None	RIGID	Typical
105	M113	N484	N482A			RIGID	None	None	RIGID	Typical
106	M114	N486	N487			RIGID	None	None	RIGID	Typical
107	M115	N488	N489		270	Standoff Moun...	Beam	Channel	A36 Gr.36	Typical
108	M116	N491	N490			Antenna Supp...	Beam	SquareTube	A500 Gr. ...	Typical



**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
109	M117	N492	N491			RIGID	None	None	RIGID	Typical
110	M118	N493	N490			RIGID	None	None	RIGID	Typical
111	M119	N497	N496		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
112	M120	N497	N495			RIGID	None	None	RIGID	Typical
113	M121	N496	N494			RIGID	None	None	RIGID	Typical
114	M122	N498	N499			RIGID	None	None	RIGID	Typical
115	M123	N500	N501		270	Standoff Moun...	Beam	Channel	A36 Gr.36	Typical
116	M124	N503	N502			Antenna Supp...	Beam	SquareTube	A500 Gr. ...	Typical
117	M125	N504	N503			RIGID	None	None	RIGID	Typical
118	M126	N505	N502			RIGID	None	None	RIGID	Typical
119	M127	N509	N508		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
120	M128	N509	N507			RIGID	None	None	RIGID	Typical
121	M129	N508	N506			RIGID	None	None	RIGID	Typical
122	M130	N510	N511			RIGID	None	None	RIGID	Typical
123	M131	N512	N513		270	Standoff Moun...	Beam	Channel	A36 Gr.36	Typical
124	M132	N515	N514			Antenna Supp...	Beam	SquareTube	A500 Gr. ...	Typical
125	M133	N516	N515			RIGID	None	None	RIGID	Typical
126	M134	N517	N514			RIGID	None	None	RIGID	Typical
127	M135	N519	N518			Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
128	M136	N521	N520		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
129	M137	N523	N522		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
130	M138	N525	N524			Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
131	M139	N527	N529		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
132	M140	N526	N528		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
133	M141	N531	N530		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
134	M142	N533	N532		240	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
135	M143	N535	N534		330	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
136	M144	N537	N536		330	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
137	M145	N539	N538		240	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
138	M146	N541	N543		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
139	M147	N540	N542		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
140	M148	N545	N544		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
141	M149	N547	N546		120	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
142	M150	N549	N548		210	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
143	M151	N551	N550		210	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
144	M152	N553	N552		120	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
145	M153	N555	N557		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
146	M154	N554	N556		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
147	M155	N559	N558		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
148	M148A	N549A	N553A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
149	M149A	N551A	N555A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
150	M150A	N548A	N552A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
151	M151A	N550A	N554A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
152	M152A	N549A	N12			RIGID	None	None	RIGID	Typical
153	M153A	N551A	N12			RIGID	None	None	RIGID	Typical
154	M154A	N548A	N11			RIGID	None	None	RIGID	Typical
155	M155A	N550A	N11			RIGID	None	None	RIGID	Typical
156	MP3C	N557A	N558A		240	Mount Pipe	Column	Pipe	A53 Gr. B	Typical
157	M157	N560	N564			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
158	M158	N562	N566			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
159	M159	N559A	N563			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
160	M160	N561	N565			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
161	M161	N560	N557A			RIGID	None	None	RIGID	Typical
162	M162	N562	N557A			RIGID	None	None	RIGID	Typical
163	M163	N559A	N556A			RIGID	None	None	RIGID	Typical
164	M164	N561	N556A			RIGID	None	None	RIGID	Typical
165	MP3B	N568	N569		120	Mount Pipe	Column	Pipe	A53 Gr. B	Typical

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
166	M166	N571	N575			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
167	M167	N573	N577			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
168	M168	N570	N574			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
169	M169	N572	N576			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
170	M170	N571	N568			RIGID	None	None	RIGID	Typical
171	M171	N573	N568			RIGID	None	None	RIGID	Typical
172	M172	N570	N567			RIGID	None	None	RIGID	Typical
173	M173	N572	N567			RIGID	None	None	RIGID	Typical
174	M174	N580	N581			Secondary Hor...	Beam	Pipe	A53 Gr. B	Typical
175	M177	N586	N587			Secondary Hor...	Beam	Pipe	A53 Gr. B	Typical
176	M180	N592	N593			Secondary Hor...	Beam	Pipe	A53 Gr. B	Typical
177	M183	N599	N598			RIGID	None	None	RIGID	Typical
178	M184	N601	N600			RIGID	None	None	RIGID	Typical
179	M185	N603	N602			RIGID	None	None	RIGID	Typical
180	M186	N605	N604			RIGID	None	None	RIGID	Typical
181	M187	N607	N606			RIGID	None	None	RIGID	Typical
182	M188	N609	N608			RIGID	None	None	RIGID	Typical
183	M189	N594	N590			Tie-Back	Beam	Pipe	A53 Gr. B	Typical
184	M190	N612	N611			Tie-Back	Beam	Pipe	A53 Gr. B	Typical
185	M191	N614	N613			Tie-Back	Beam	Pipe	A53 Gr. B	Typical
186	M192	N579	N618			Kicker	Beam	Single Angle	A36 Gr.36	Typical
187	M193	N578	N618		270	Kicker	Beam	Single Angle	A36 Gr.36	Typical
188	M194	N618A	N619			Kicker	Beam	Single Angle	A36 Gr.36	Typical
189	M195	N617	N619		270	Kicker	Beam	Single Angle	A36 Gr.36	Typical
190	M196	N621	N622			Kicker	Beam	Single Angle	A36 Gr.36	Typical
191	M197	N620	N622		270	Kicker	Beam	Single Angle	A36 Gr.36	Typical

**Member Advanced Data**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	MP3A						Yes	** NA **			None
3	MP2A						Yes	** NA **			None
4	M7	OOOXOX					Yes	** NA **			None
5	M10						Yes				None
6	M19						Yes				None
7	M28						Yes				None
8	M29						Yes	** NA **			None
9	M30						Yes	** NA **			None
10	M31						Yes				None
11	M32						Yes	** NA **			None
12	M33						Yes	** NA **			None
13	M34						Yes				None
14	M35						Yes	** NA **			None
15	M36						Yes	** NA **			None
16	M40						Yes				None
17	M41						Yes	** NA **			None
18	M42						Yes	** NA **			None
19	M46						Yes				None
20	M47						Yes	** NA **			None
21	M48						Yes	** NA **			None
22	M52						Yes				None
23	M53						Yes	** NA **			None
24	M54						Yes	** NA **			None
25	M55						Yes				None
26	M56						Yes				None



**Member Advanced Data (Continued)**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic..
27	M57						Yes				None
28	M58						Yes				None
29	M59						Yes				None
30	M60						Yes				None
31	M61						Yes				None
32	M62						Yes				None
33	M63						Yes				None
34	M64						Yes				None
35	M65						Yes				None
36	M66						Yes				None
37	M72						Yes	** NA **			None
38	M73						Yes	** NA **			None
39	M74						Yes	** NA **			None
40	M75						Yes				None
41	M76						Yes				None
42	M77						Yes				None
43	M78						Yes				None
44	M79						Yes				None
45	M80						Yes				None
46	MP4A						Yes	** NA **			None
47	M62A	OOOXOX					Yes	** NA **			None
48	M49						Yes	** NA **			None
49	M50						Yes	** NA **			None
50	M51						Yes	** NA **			None
51	M52A						Yes				None
52	M53A						Yes	** NA **			None
53	M54A						Yes	** NA **			None
54	M55A						Yes	** NA **			None
55	M56A						Yes				None
56	M57A						Yes	** NA **			None
57	M58A						Yes	** NA **			None
58	M59A						Yes	** NA **			None
59	M60A						Yes	** NA **			None
60	M61B						Yes	** NA **			None
61	M62B						Yes	** NA **			None
62	M63A						Yes	** NA **			None
63	M64A						Yes	** NA **			None
64	M65A						Yes	** NA **			None
65	M66A						Yes	** NA **			None
66	M67						Yes				None
67	M68						Yes				None
68	MP5B						Yes	** NA **			None
69	M70						Yes	** NA **			None
70	MP1C						Yes	** NA **			None
71	M72A						Yes	** NA **			None
72	M73A						Yes	** NA **			None
73	M74A						Yes				None
74	M75A						Yes				None
75	MP5A						Yes	** NA **			None
76	M77A						Yes	** NA **			None
77	MP1B						Yes	** NA **			None
78	M79A						Yes	** NA **			None
79	M80A						Yes	** NA **			None
80	M81						Yes				None
81	M82						Yes				None
82	MP5C						Yes	** NA **			None
83	M84						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...
84	MP1A						Yes	** NA **			None
85	M86						Yes	** NA **			None
86	M88	OOOXOX					Yes	** NA **			None
87	M89	OOOXOX					Yes	** NA **			None
88	M90						Yes				None
89	M91						Yes				None
90	M92						Yes				None
91	MP2C						Yes	** NA **			None
92	M96	OOOXOX					Yes	** NA **			None
93	MP4C						Yes	** NA **			None
94	M98	OOOXOX					Yes	** NA **			None
95	M100	OOOXOX					Yes	** NA **			None
96	M101	OOOXOX					Yes	** NA **			None
97	MP2B						Yes	** NA **			None
98	M105	OOOXOX					Yes	** NA **			None
99	MP4B						Yes	** NA **			None
100	M107	OOOXOX					Yes	** NA **			None
101	M109	OOOXOX					Yes	** NA **			None
102	M110	OOOXOX					Yes	** NA **			None
103	M111						Yes				None
104	M112						Yes	** NA **			None
105	M113						Yes	** NA **			None
106	M114						Yes	** NA **			None
107	M115						Yes				None
108	M116						Yes				None
109	M117						Yes	** NA **			None
110	M118						Yes	** NA **			None
111	M119						Yes				None
112	M120						Yes	** NA **			None
113	M121						Yes	** NA **			None
114	M122						Yes	** NA **			None
115	M123						Yes				None
116	M124						Yes				None
117	M125						Yes	** NA **			None
118	M126						Yes	** NA **			None
119	M127						Yes				None
120	M128						Yes	** NA **			None
121	M129						Yes	** NA **			None
122	M130						Yes	** NA **			None
123	M131						Yes				None
124	M132						Yes				None
125	M133						Yes	** NA **			None
126	M134						Yes	** NA **			None
127	M135		OOOOOO				Yes				None
128	M136		OOOOOO				Yes				None
129	M137		OOOOOO				Yes				None
130	M138		OOOOOO				Yes				None
131	M139						Yes				None
132	M140						Yes				None
133	M141						Yes				None
134	M142		OOOOOO				Yes				None
135	M143		OOOOOO				Yes				None
136	M144		OOOOOO				Yes				None
137	M145		OOOOOO				Yes				None
138	M146						Yes				None
139	M147						Yes				None
140	M148						Yes				None



**Member Advanced Data (Continued)**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic...
141	M149		000000				Yes				None
142	M150		000000				Yes				None
143	M151		000000				Yes				None
144	M152		000000				Yes				None
145	M153						Yes				None
146	M154						Yes				None
147	M155						Yes				None
148	M148A						Yes				None
149	M149A						Yes				None
150	M150A						Yes				None
151	M151A						Yes				None
152	M152A		000X00				Yes	** NA **			None
153	M153A		000X00				Yes	** NA **			None
154	M154A		000X00				Yes	** NA **			None
155	M155A		000X00				Yes	** NA **			None
156	MP3C						Yes	** NA **			None
157	M157						Yes				None
158	M158						Yes				None
159	M159						Yes				None
160	M160						Yes				None
161	M161		000X00				Yes	** NA **			None
162	M162		000X00				Yes	** NA **			None
163	M163		000X00				Yes	** NA **			None
164	M164		000X00				Yes	** NA **			None
165	MP3B						Yes	** NA **			None
166	M166						Yes				None
167	M167						Yes				None
168	M168						Yes				None
169	M169						Yes				None
170	M170		000X00				Yes	** NA **			None
171	M171		000X00				Yes	** NA **			None
172	M172		000X00				Yes	** NA **			None
173	M173		000X00				Yes	** NA **			None
174	M174						Yes				None
175	M177						Yes				None
176	M180						Yes				None
177	M183	000X0X					Yes	** NA **			None
178	M184	000X0X					Yes	** NA **			None
179	M185	000X0X					Yes	** NA **			None
180	M186	000X0X					Yes	** NA **			None
181	M187	000X0X					Yes	** NA **			None
182	M188	000X0X					Yes	** NA **			None
183	M189	BenPIN	BenPIN				Yes				None
184	M190	BenPIN	BenPIN				Yes				None
185	M191	BenPIN	BenPIN				Yes				None
186	M192	BenPIN	BenPIN				Yes				None
187	M193	BenPIN	BenPIN				Yes				None
188	M194	BenPIN	BenPIN				Yes				None
189	M195	BenPIN	BenPIN				Yes				None
190	M196	BenPIN	BenPIN				Yes				None
191	M197	BenPIN	BenPIN				Yes				None

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP5C	Y	-9.6	3



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
2	MP5C	My	0	3
3	MP5C	Mz	.005	3
4	MP5C	Y	-9.6	69
5	MP5C	My	0	69
6	MP5C	Mz	.005	69
7	MP2A	Y	-31.65	18
8	MP2A	My	-.021	18
9	MP2A	Mz	.012	18
10	MP2A	Y	-31.65	78
11	MP2A	My	-.021	78
12	MP2A	Mz	.012	78
13	MP2B	Y	-31.65	18
14	MP2B	My	.004	18
15	MP2B	Mz	-.024	18
16	MP2B	Y	-31.65	78
17	MP2B	My	.004	78
18	MP2B	Mz	-.024	78
19	MP2C	Y	-31.65	18
20	MP2C	My	.018	18
21	MP2C	Mz	.016	18
22	MP2C	Y	-31.65	78
23	MP2C	My	.018	78
24	MP2C	Mz	.016	78
25	MP2A	Y	-31.65	18
26	MP2A	My	-.009	18
27	MP2A	Mz	-.023	18
28	MP2A	Y	-31.65	78
29	MP2A	My	-.009	78
30	MP2A	Mz	-.023	78
31	MP2B	Y	-31.65	18
32	MP2B	My	.023	18
33	MP2B	Mz	.008	18
34	MP2B	Y	-31.65	78
35	MP2B	My	.023	78
36	MP2B	Mz	.008	78
37	MP2C	Y	-31.65	18
38	MP2C	My	-.018	18
39	MP2C	Mz	.016	18
40	MP2C	Y	-31.65	78
41	MP2C	My	-.018	78
42	MP2C	Mz	.016	78
43	MP5A	Y	-9	3
44	MP5A	My	-.004	3
45	MP5A	Mz	-.002	3
46	MP5A	Y	-9	69
47	MP5A	My	-.004	69
48	MP5A	Mz	-.002	69
49	MP5B	Y	-9	3
50	MP5B	My	.004	3
51	MP5B	Mz	-.002	3
52	MP5B	Y	-9	69
53	MP5B	My	.004	69
54	MP5B	Mz	-.002	69
55	MP4A	Y	-18.7	46.2
56	MP4A	My	-.009	46.2
57	MP4A	Mz	-.003	46.2
58	MP4B	Y	-18.7	46.2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
59	MP4B	My	.008	46.2
60	MP4B	Mz	-.005	46.2
61	MP4C	Y	-18.7	46.2
62	MP4C	My	0	46.2
63	MP4C	Mz	.009	46.2
64	MP2A	Y	-84.4	48
65	MP2A	My	.028	48
66	MP2A	Mz	0	48
67	MP2B	Y	-84.4	48
68	MP2B	My	-.014	48
69	MP2B	Mz	.024	48
70	MP2C	Y	-84.4	48
71	MP2C	My	-.014	48
72	MP2C	Mz	-.024	48
73	MP3C	Y	-70.3	21
74	MP3C	My	-.012	21
75	MP3C	Mz	-.02	21
76	MP4A	Y	-70.3	57
77	MP4A	My	.023	57
78	MP4A	Mz	0	57
79	MP4B	Y	-70.3	57
80	MP4B	My	-.012	57
81	MP4B	Mz	.02	57
82	MP3A	Y	-10.4	12
83	MP3A	My	.002	12
84	MP3A	Mz	0	12
85	MP3B	Y	-10.4	12
86	MP3B	My	-.000867	12
87	MP3B	Mz	.002	12
88	MP3A	Y	-10.4	12
89	MP3A	My	.005	12
90	MP3A	Mz	0	12
91	MP3B	Y	-10.4	12
92	MP3B	My	-.003	12
93	MP3B	Mz	.005	12
94	MP4A	Y	-87.1	12
95	MP4A	My	-.041	12
96	MP4A	Mz	-.015	12
97	MP4B	Y	-87.1	12
98	MP4B	My	.038	12
99	MP4B	Mz	-.022	12
100	MP4C	Y	-87.1	12
101	MP4C	My	0	12
102	MP4C	Mz	.044	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
1	MP5C	Y	-47.885	3
2	MP5C	My	0	3
3	MP5C	Mz	.024	3
4	MP5C	Y	-47.885	69
5	MP5C	My	0	69
6	MP5C	Mz	.024	69
7	MP2A	Y	-66.499	18
8	MP2A	My	-.045	18
9	MP2A	Mz	.025	18





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
10	MP2A	Y	-66.499	78
11	MP2A	My	-.045	78
12	MP2A	Mz	.025	78
13	MP2B	Y	-66.499	18
14	MP2B	My	.009	18
15	MP2B	Mz	-.05	18
16	MP2B	Y	-66.499	78
17	MP2B	My	.009	78
18	MP2B	Mz	-.05	78
19	MP2C	Y	-66.499	18
20	MP2C	My	.039	18
21	MP2C	Mz	.033	18
22	MP2C	Y	-66.499	78
23	MP2C	My	.039	78
24	MP2C	Mz	.033	78
25	MP2A	Y	-66.499	18
26	MP2A	My	-.018	18
27	MP2A	Mz	-.048	18
28	MP2A	Y	-66.499	78
29	MP2A	My	-.018	78
30	MP2A	Mz	-.048	78
31	MP2B	Y	-66.499	18
32	MP2B	My	.048	18
33	MP2B	Mz	.017	18
34	MP2B	Y	-66.499	78
35	MP2B	My	.048	78
36	MP2B	Mz	.017	78
37	MP2C	Y	-66.499	18
38	MP2C	My	-.039	18
39	MP2C	Mz	.033	18
40	MP2C	Y	-66.499	78
41	MP2C	My	-.039	78
42	MP2C	Mz	.033	78
43	MP5A	Y	-42.261	3
44	MP5A	My	-.018	3
45	MP5A	Mz	-.011	3
46	MP5A	Y	-42.261	69
47	MP5A	My	-.018	69
48	MP5A	Mz	-.011	69
49	MP5B	Y	-42.261	3
50	MP5B	My	.018	3
51	MP5B	Mz	-.011	3
52	MP5B	Y	-42.261	69
53	MP5B	My	.018	69
54	MP5B	Mz	-.011	69
55	MP4A	Y	-18.767	46.2
56	MP4A	My	-.009	46.2
57	MP4A	Mz	-.003	46.2
58	MP4B	Y	-18.767	46.2
59	MP4B	My	.008	46.2
60	MP4B	Mz	-.005	46.2
61	MP4C	Y	-18.767	46.2
62	MP4C	My	0	46.2
63	MP4C	Mz	.009	46.2
64	MP2A	Y	-42.617	48
65	MP2A	My	.014	48
66	MP2A	Mz	0	48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
67	MP2B	Y	-42.617	48
68	MP2B	My	-.007	48
69	MP2B	Mz	.012	48
70	MP2C	Y	-42.617	48
71	MP2C	My	-.007	48
72	MP2C	Mz	-.012	48
73	MP3C	Y	-38.312	21
74	MP3C	My	-.006	21
75	MP3C	Mz	-.011	21
76	MP4A	Y	-38.312	57
77	MP4A	My	.013	57
78	MP4A	Mz	0	57
79	MP4B	Y	-38.312	57
80	MP4B	My	-.006	57
81	MP4B	Mz	.011	57
82	MP3A	Y	-10.131	12
83	MP3A	My	.002	12
84	MP3A	Mz	0	12
85	MP3B	Y	-10.131	12
86	MP3B	My	-.000844	12
87	MP3B	Mz	.001	12
88	MP3A	Y	-10.131	12
89	MP3A	My	.005	12
90	MP3A	Mz	0	12
91	MP3B	Y	-10.131	12
92	MP3B	My	-.003	12
93	MP3B	Mz	.004	12
94	MP4A	Y	-67.655	12
95	MP4A	My	-.032	12
96	MP4A	Mz	-.012	12
97	MP4B	Y	-67.655	12
98	MP4B	My	.029	12
99	MP4B	Mz	-.017	12
100	MP4C	Y	-67.655	12
101	MP4C	My	0	12
102	MP4C	Mz	.034	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
1	MP5C	X	0	3
2	MP5C	Z	-70.835	3
3	MP5C	Mx	-.035	3
4	MP5C	X	0	69
5	MP5C	Z	-70.835	69
6	MP5C	Mx	-.035	69
7	MP2A	X	0	18
8	MP2A	Z	-153.506	18
9	MP2A	Mx	-.058	18
10	MP2A	X	0	78
11	MP2A	Z	-153.506	78
12	MP2A	Mx	-.058	78
13	MP2B	X	0	18
14	MP2B	Z	-146.205	18
15	MP2B	Mx	.11	18
16	MP2B	X	0	78
17	MP2B	Z	-146.205	78



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
18	MP2B	Mx	.11	78
19	MP2C	X	0	18
20	MP2C	Z	-105.038	18
21	MP2C	Mx	-.053	18
22	MP2C	X	0	78
23	MP2C	Z	-105.038	78
24	MP2C	Mx	-.053	78
25	MP2A	X	0	18
26	MP2A	Z	-153.506	18
27	MP2A	Mx	.11	18
28	MP2A	X	0	78
29	MP2A	Z	-153.506	78
30	MP2A	Mx	.11	78
31	MP2B	X	0	18
32	MP2B	Z	-146.205	18
33	MP2B	Mx	-.037	18
34	MP2B	X	0	78
35	MP2B	Z	-146.205	78
36	MP2B	Mx	-.037	78
37	MP2C	X	0	18
38	MP2C	Z	-105.038	18
39	MP2C	Mx	-.053	18
40	MP2C	X	0	78
41	MP2C	Z	-105.038	78
42	MP2C	Mx	-.053	78
43	MP5A	X	0	3
44	MP5A	Z	-95.854	3
45	MP5A	Mx	.024	3
46	MP5A	X	0	69
47	MP5A	Z	-95.854	69
48	MP5A	Mx	.024	69
49	MP5B	X	0	3
50	MP5B	Z	-95.854	3
51	MP5B	Mx	.024	3
52	MP5B	X	0	69
53	MP5B	Z	-95.854	69
54	MP5B	Mx	.024	69
55	MP4A	X	0	46.2
56	MP4A	Z	-33.061	46.2
57	MP4A	Mx	.006	46.2
58	MP4B	X	0	46.2
59	MP4B	Z	-30.731	46.2
60	MP4B	Mx	.008	46.2
61	MP4C	X	0	46.2
62	MP4C	Z	-17.593	46.2
63	MP4C	Mx	-.009	46.2
64	MP2A	X	0	48
65	MP2A	Z	-65.656	48
66	MP2A	Mx	0	48
67	MP2B	X	0	48
68	MP2B	Z	-49.33	48
69	MP2B	Mx	-.014	48
70	MP2C	X	0	48
71	MP2C	Z	-49.33	48
72	MP2C	Mx	.014	48
73	MP3C	X	0	21
74	MP3C	Z	-43.076	21



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
75	MP3C	Mx	.012	21
76	MP4A	X	0	57
77	MP4A	Z	-65.656	57
78	MP4A	Mx	0	57
79	MP4B	X	0	57
80	MP4B	Z	-43.076	57
81	MP4B	Mx	-.012	57
82	MP3A	X	0	12
83	MP3A	Z	-12.991	12
84	MP3A	Mx	0	12
85	MP3B	X	0	12
86	MP3B	Z	-9.989	12
87	MP3B	Mx	-.001	12
88	MP3A	X	0	12
89	MP3A	Z	-12.991	12
90	MP3A	Mx	0	12
91	MP3B	X	0	12
92	MP3B	Z	-9.989	12
93	MP3B	Mx	-.004	12
94	MP4A	X	0	12
95	MP4A	Z	-153.272	12
96	MP4A	Mx	.026	12
97	MP4B	X	0	12
98	MP4B	Z	-139.915	12
99	MP4B	Mx	.035	12
100	MP4C	X	0	12
101	MP4C	Z	-64.604	12
102	MP4C	Mx	-.032	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
1	MP5C	X	42.494	3
2	MP5C	Z	-73.603	3
3	MP5C	Mx	-.037	3
4	MP5C	X	42.494	69
5	MP5C	Z	-73.603	69
6	MP5C	Mx	-.037	69
7	MP2A	X	79.136	18
8	MP2A	Z	-137.068	18
9	MP2A	Mx	-.105	18
10	MP2A	X	79.136	78
11	MP2A	Z	-137.068	78
12	MP2A	Mx	-.105	78
13	MP2B	X	59.38	18
14	MP2B	Z	-102.85	18
15	MP2B	Mx	.086	18
16	MP2B	X	59.38	78
17	MP2B	Z	-102.85	78
18	MP2B	Mx	.086	78
19	MP2C	X	59.38	18
20	MP2C	Z	-102.85	18
21	MP2C	Mx	-.017	18
22	MP2C	X	59.38	78
23	MP2C	Z	-102.85	78
24	MP2C	Mx	-.017	78
25	MP2A	X	79.136	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
26	MP2A	Z	-137.068	18
27	MP2A	Mx	.077	18
28	MP2A	X	79.136	78
29	MP2A	Z	-137.068	78
30	MP2A	Mx	.077	78
31	MP2B	X	59.38	18
32	MP2B	Z	-102.85	18
33	MP2B	Mx	.017	18
34	MP2B	X	59.38	78
35	MP2B	Z	-102.85	78
36	MP2B	Mx	.017	78
37	MP2C	X	59.38	18
38	MP2C	Z	-102.85	18
39	MP2C	Mx	-.086	18
40	MP2C	X	59.38	78
41	MP2C	Z	-102.85	78
42	MP2C	Mx	-.086	78
43	MP5A	X	50.559	3
44	MP5A	Z	-87.57	3
45	MP5A	Mx	0	3
46	MP5A	X	50.559	69
47	MP5A	Z	-87.57	69
48	MP5A	Mx	0	69
49	MP5B	X	42.664	3
50	MP5B	Z	-73.896	3
51	MP5B	Mx	.037	3
52	MP5B	X	42.664	69
53	MP5B	Z	-73.896	69
54	MP5B	Mx	.037	69
55	MP4A	X	17.291	46.2
56	MP4A	Z	-29.949	46.2
57	MP4A	Mx	-.003	46.2
58	MP4B	X	10.986	46.2
59	MP4B	Z	-19.029	46.2
60	MP4B	Mx	.01	46.2
61	MP4C	X	10.986	46.2
62	MP4C	Z	-19.029	46.2
63	MP4C	Mx	-.01	46.2
64	MP2A	X	30.107	48
65	MP2A	Z	-52.147	48
66	MP2A	Mx	.01	48
67	MP2B	X	21.944	48
68	MP2B	Z	-38.008	48
69	MP2B	Mx	-.015	48
70	MP2C	X	30.107	48
71	MP2C	Z	-52.147	48
72	MP2C	Mx	.01	48
73	MP3C	X	29.065	21
74	MP3C	Z	-50.342	21
75	MP3C	Mx	.01	21
76	MP4A	X	29.065	57
77	MP4A	Z	-50.342	57
78	MP4A	Mx	.01	57
79	MP4B	X	17.775	57
80	MP4B	Z	-30.786	57
81	MP4B	Mx	-.012	57
82	MP3A	X	5.995	12



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
83	MP3A	Z	-10.384	12
84	MP3A	Mx	.000999	12
85	MP3B	X	4.494	12
86	MP3B	Z	-7.784	12
87	MP3B	Mx	-.001	12
88	MP3A	X	5.995	12
89	MP3A	Z	-10.384	12
90	MP3A	Mx	.003	12
91	MP3B	X	4.494	12
92	MP3B	Z	-7.784	12
93	MP3B	Mx	-.004	12
94	MP4A	X	80.995	12
95	MP4A	Z	-140.288	12
96	MP4A	Mx	-.014	12
97	MP4B	X	44.854	12
98	MP4B	Z	-77.689	12
99	MP4B	Mx	.039	12
100	MP4C	X	44.854	12
101	MP4C	Z	-77.689	12
102	MP4C	Mx	-.039	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
1	MP5C	X	98.118	3
2	MP5C	Z	-56.648	3
3	MP5C	Mx	-.028	3
4	MP5C	X	98.118	69
5	MP5C	Z	-56.648	69
6	MP5C	Mx	-.028	69
7	MP2A	X	118.861	18
8	MP2A	Z	-68.624	18
9	MP2A	Mx	-.105	18
10	MP2A	X	118.861	78
11	MP2A	Z	-68.624	78
12	MP2A	Mx	-.105	78
13	MP2B	X	90.966	18
14	MP2B	Z	-52.519	18
15	MP2B	Mx	.053	18
16	MP2B	X	90.966	78
17	MP2B	Z	-52.519	78
18	MP2B	Mx	.053	78
19	MP2C	X	126.617	18
20	MP2C	Z	-73.102	18
21	MP2C	Mx	.037	18
22	MP2C	X	126.617	78
23	MP2C	Z	-73.102	78
24	MP2C	Mx	.037	78
25	MP2A	X	118.861	18
26	MP2A	Z	-68.624	18
27	MP2A	Mx	.017	18
28	MP2A	X	118.861	78
29	MP2A	Z	-68.624	78
30	MP2A	Mx	.017	78
31	MP2B	X	90.966	18
32	MP2B	Z	-52.519	18
33	MP2B	Mx	.053	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
34	MP2B	X	90.966	78
35	MP2B	Z	-52.519	78
36	MP2B	Mx	.053	78
37	MP2C	X	126.617	18
38	MP2C	Z	-73.102	18
39	MP2C	Mx	-.11	18
40	MP2C	X	126.617	78
41	MP2C	Z	-73.102	78
42	MP2C	Mx	-.11	78
43	MP5A	X	83.012	3
44	MP5A	Z	-47.927	3
45	MP5A	Mx	-.024	3
46	MP5A	X	83.012	69
47	MP5A	Z	-47.927	69
48	MP5A	Mx	-.024	69
49	MP5B	X	69.338	3
50	MP5B	Z	-40.032	3
51	MP5B	Mx	.04	3
52	MP5B	X	69.338	69
53	MP5B	Z	-40.032	69
54	MP5B	Mx	.04	69
55	MP4A	X	24.138	46.2
56	MP4A	Z	-13.936	46.2
57	MP4A	Mx	-.009	46.2
58	MP4B	X	15.236	46.2
59	MP4B	Z	-8.797	46.2
60	MP4B	Mx	.009	46.2
61	MP4C	X	26.614	46.2
62	MP4C	Z	-15.366	46.2
63	MP4C	Mx	-.008	46.2
64	MP2A	X	42.721	48
65	MP2A	Z	-24.665	48
66	MP2A	Mx	.014	48
67	MP2B	X	42.721	48
68	MP2B	Z	-24.665	48
69	MP2B	Mx	-.014	48
70	MP2C	X	56.86	48
71	MP2C	Z	-32.828	48
72	MP2C	Mx	0	48
73	MP3C	X	56.86	21
74	MP3C	Z	-32.828	21
75	MP3C	Mx	0	21
76	MP4A	X	37.305	57
77	MP4A	Z	-21.538	57
78	MP4A	Mx	.012	57
79	MP4B	X	37.305	57
80	MP4B	Z	-21.538	57
81	MP4B	Mx	-.012	57
82	MP3A	X	8.651	12
83	MP3A	Z	-4.994	12
84	MP3A	Mx	.001	12
85	MP3B	X	8.651	12
86	MP3B	Z	-4.994	12
87	MP3B	Mx	-.001	12
88	MP3A	X	8.651	12
89	MP3A	Z	-4.994	12
90	MP3A	Mx	.004	12



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
91	MP3B	X	8.651	12
92	MP3B	Z	-4.994	12
93	MP3B	Mx	-.004	12
94	MP4A	X	106.98	12
95	MP4A	Z	-61.765	12
96	MP4A	Mx	-.04	12
97	MP4B	X	55.949	12
98	MP4B	Z	-32.302	12
99	MP4B	Mx	.032	12
100	MP4C	X	121.17	12
101	MP4C	Z	-69.957	12
102	MP4C	Mx	-.035	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
1	MP5C	X	127.45	3
2	MP5C	Z	0	3
3	MP5C	Mx	0	3
4	MP5C	X	127.45	69
5	MP5C	Z	0	69
6	MP5C	Mx	0	69
7	MP2A	X	111.459	18
8	MP2A	Z	0	18
9	MP2A	Mx	-.075	18
10	MP2A	X	111.459	78
11	MP2A	Z	0	78
12	MP2A	Mx	-.075	78
13	MP2B	X	118.76	18
14	MP2B	Z	0	18
15	MP2B	Mx	.017	18
16	MP2B	X	118.76	78
17	MP2B	Z	0	78
18	MP2B	Mx	.017	78
19	MP2C	X	159.927	18
20	MP2C	Z	0	18
21	MP2C	Mx	.093	18
22	MP2C	X	159.927	78
23	MP2C	Z	0	78
24	MP2C	Mx	.093	78
25	MP2A	X	111.459	18
26	MP2A	Z	0	18
27	MP2A	Mx	-.03	18
28	MP2A	X	111.459	78
29	MP2A	Z	0	78
30	MP2A	Mx	-.03	78
31	MP2B	X	118.76	18
32	MP2B	Z	0	18
33	MP2B	Mx	.086	18
34	MP2B	X	118.76	78
35	MP2B	Z	0	78
36	MP2B	Mx	.086	78
37	MP2C	X	159.927	18
38	MP2C	Z	0	18
39	MP2C	Mx	-.093	18
40	MP2C	X	159.927	78
41	MP2C	Z	0	78





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
42	MP2C	Mx	-.093	78
43	MP5A	X	85.328	3
44	MP5A	Z	0	3
45	MP5A	Mx	-.037	3
46	MP5A	X	85.328	69
47	MP5A	Z	0	69
48	MP5A	Mx	-.037	69
49	MP5B	X	85.328	3
50	MP5B	Z	0	3
51	MP5B	Mx	.037	3
52	MP5B	X	85.328	69
53	MP5B	Z	0	69
54	MP5B	Mx	.037	69
55	MP4A	X	19.642	46.2
56	MP4A	Z	0	46.2
57	MP4A	Mx	-.009	46.2
58	MP4B	X	21.973	46.2
59	MP4B	Z	0	46.2
60	MP4B	Mx	.01	46.2
61	MP4C	X	35.11	46.2
62	MP4C	Z	0	46.2
63	MP4C	Mx	0	46.2
64	MP2A	X	43.888	48
65	MP2A	Z	0	48
66	MP2A	Mx	.015	48
67	MP2B	X	60.214	48
68	MP2B	Z	0	48
69	MP2B	Mx	-.01	48
70	MP2C	X	60.214	48
71	MP2C	Z	0	48
72	MP2C	Mx	-.01	48
73	MP3C	X	58.129	21
74	MP3C	Z	0	21
75	MP3C	Mx	-.01	21
76	MP4A	X	35.549	57
77	MP4A	Z	0	57
78	MP4A	Mx	.012	57
79	MP4B	X	58.129	57
80	MP4B	Z	0	57
81	MP4B	Mx	-.01	57
82	MP3A	X	8.988	12
83	MP3A	Z	0	12
84	MP3A	Mx	.001	12
85	MP3B	X	11.99	12
86	MP3B	Z	0	12
87	MP3B	Mx	-.000999	12
88	MP3A	X	8.988	12
89	MP3A	Z	0	12
90	MP3A	Mx	.004	12
91	MP3B	X	11.99	12
92	MP3B	Z	0	12
93	MP3B	Mx	-.003	12
94	MP4A	X	76.351	12
95	MP4A	Z	0	12
96	MP4A	Mx	-.036	12
97	MP4B	X	89.708	12
98	MP4B	Z	0	12



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
99	MP4B	Mx	.039	12
100	MP4C	X	165.018	12
101	MP4C	Z	0	12
102	MP4C	Mx	0	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP5C	X	98.118	3
2	MP5C	Z	56.648	3
3	MP5C	Mx	.028	3
4	MP5C	X	98.118	69
5	MP5C	Z	56.648	69
6	MP5C	Mx	.028	69
7	MP2A	X	92.399	18
8	MP2A	Z	53.347	18
9	MP2A	Mx	-.042	18
10	MP2A	X	92.399	78
11	MP2A	Z	53.347	78
12	MP2A	Mx	-.042	78
13	MP2B	X	126.617	18
14	MP2B	Z	73.102	18
15	MP2B	Mx	-.037	18
16	MP2B	X	126.617	78
17	MP2B	Z	73.102	78
18	MP2B	Mx	-.037	78
19	MP2C	X	126.617	18
20	MP2C	Z	73.102	18
21	MP2C	Mx	.11	18
22	MP2C	X	126.617	78
23	MP2C	Z	73.102	78
24	MP2C	Mx	.11	78
25	MP2A	X	92.399	18
26	MP2A	Z	53.347	18
27	MP2A	Mx	-.063	18
28	MP2A	X	92.399	78
29	MP2A	Z	53.347	78
30	MP2A	Mx	-.063	78
31	MP2B	X	126.617	18
32	MP2B	Z	73.102	18
33	MP2B	Mx	.11	18
34	MP2B	X	126.617	78
35	MP2B	Z	73.102	78
36	MP2B	Mx	.11	78
37	MP2C	X	126.617	18
38	MP2C	Z	73.102	18
39	MP2C	Mx	-.037	18
40	MP2C	X	126.617	78
41	MP2C	Z	73.102	78
42	MP2C	Mx	-.037	78
43	MP5A	X	69.338	3
44	MP5A	Z	40.032	3
45	MP5A	Mx	-.04	3
46	MP5A	X	69.338	69
47	MP5A	Z	40.032	69
48	MP5A	Mx	-.04	69
49	MP5B	X	83.012	3



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
50	MP5B	Z	47.927	3
51	MP5B	Mx	.024	3
52	MP5B	X	83.012	69
53	MP5B	Z	47.927	69
54	MP5B	Mx	.024	69
55	MP4A	X	15.694	46.2
56	MP4A	Z	9.061	46.2
57	MP4A	Mx	-.009	46.2
58	MP4B	X	26.614	46.2
59	MP4B	Z	15.366	46.2
60	MP4B	Mx	.008	46.2
61	MP4C	X	26.614	46.2
62	MP4C	Z	15.366	46.2
63	MP4C	Mx	.008	46.2
64	MP2A	X	42.721	48
65	MP2A	Z	24.665	48
66	MP2A	Mx	.014	48
67	MP2B	X	56.86	48
68	MP2B	Z	32.828	48
69	MP2B	Mx	0	48
70	MP2C	X	42.721	48
71	MP2C	Z	24.665	48
72	MP2C	Mx	-.014	48
73	MP3C	X	37.305	21
74	MP3C	Z	21.538	21
75	MP3C	Mx	-.012	21
76	MP4A	X	37.305	57
77	MP4A	Z	21.538	57
78	MP4A	Mx	.012	57
79	MP4B	X	56.86	57
80	MP4B	Z	32.828	57
81	MP4B	Mx	0	57
82	MP3A	X	8.651	12
83	MP3A	Z	4.994	12
84	MP3A	Mx	.001	12
85	MP3B	X	11.25	12
86	MP3B	Z	6.495	12
87	MP3B	Mx	0	12
88	MP3A	X	8.651	12
89	MP3A	Z	4.994	12
90	MP3A	Mx	.004	12
91	MP3B	X	11.25	12
92	MP3B	Z	6.495	12
93	MP3B	Mx	0	12
94	MP4A	X	58.571	12
95	MP4A	Z	33.816	12
96	MP4A	Mx	-.033	12
97	MP4B	X	121.17	12
98	MP4B	Z	69.957	12
99	MP4B	Mx	.035	12
100	MP4C	X	121.17	12
101	MP4C	Z	69.957	12
102	MP4C	Mx	.035	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
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**Member Point Loads (BLC 8 : Antenna Wo (150 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
1	MP5C	X	42.494	3
2	MP5C	Z	73.603	3
3	MP5C	Mx	.037	3
4	MP5C	X	42.494	69
5	MP5C	Z	73.603	69
6	MP5C	Mx	.037	69
7	MP2A	X	63.859	18
8	MP2A	Z	110.606	18
9	MP2A	Mx	-.001	18
10	MP2A	X	63.859	78
11	MP2A	Z	110.606	78
12	MP2A	Mx	-.001	78
13	MP2B	X	79.964	18
14	MP2B	Z	138.501	18
15	MP2B	Mx	-.093	18
16	MP2B	X	79.964	78
17	MP2B	Z	138.501	78
18	MP2B	Mx	-.093	78
19	MP2C	X	59.38	18
20	MP2C	Z	102.85	18
21	MP2C	Mx	.086	18
22	MP2C	X	59.38	78
23	MP2C	Z	102.85	78
24	MP2C	Mx	.086	78
25	MP2A	X	63.859	18
26	MP2A	Z	110.606	18
27	MP2A	Mx	-.097	18
28	MP2A	X	63.859	78
29	MP2A	Z	110.606	78
30	MP2A	Mx	-.097	78
31	MP2B	X	79.964	18
32	MP2B	Z	138.501	18
33	MP2B	Mx	.093	18
34	MP2B	X	79.964	78
35	MP2B	Z	138.501	78
36	MP2B	Mx	.093	78
37	MP2C	X	59.38	18
38	MP2C	Z	102.85	18
39	MP2C	Mx	.017	18
40	MP2C	X	59.38	78
41	MP2C	Z	102.85	78
42	MP2C	Mx	.017	78
43	MP5A	X	42.664	3
44	MP5A	Z	73.896	3
45	MP5A	Mx	-.037	3
46	MP5A	X	42.664	69
47	MP5A	Z	73.896	69
48	MP5A	Mx	-.037	69
49	MP5B	X	50.559	3
50	MP5B	Z	87.57	3
51	MP5B	Mx	0	3
52	MP5B	X	50.559	69
53	MP5B	Z	87.57	69
54	MP5B	Mx	0	69
55	MP4A	X	12.415	46.2
56	MP4A	Z	21.504	46.2
57	MP4A	Mx	-.01	46.2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in. %]
58	MP4B	X	17.555	46.2
59	MP4B	Z	30.406	46.2
60	MP4B	Mx	0	46.2
61	MP4C	X	10.986	46.2
62	MP4C	Z	19.029	46.2
63	MP4C	Mx	.01	46.2
64	MP2A	X	30.107	48
65	MP2A	Z	52.147	48
66	MP2A	Mx	.01	48
67	MP2B	X	30.107	48
68	MP2B	Z	52.147	48
69	MP2B	Mx	.01	48
70	MP2C	X	21.944	48
71	MP2C	Z	38.008	48
72	MP2C	Mx	-.015	48
73	MP3C	X	17.775	21
74	MP3C	Z	30.786	21
75	MP3C	Mx	-.012	21
76	MP4A	X	29.065	57
77	MP4A	Z	50.342	57
78	MP4A	Mx	.01	57
79	MP4B	X	29.065	57
80	MP4B	Z	50.342	57
81	MP4B	Mx	.01	57
82	MP3A	X	5.995	12
83	MP3A	Z	10.384	12
84	MP3A	Mx	.000999	12
85	MP3B	X	5.995	12
86	MP3B	Z	10.384	12
87	MP3B	Mx	.000999	12
88	MP3A	X	5.995	12
89	MP3A	Z	10.384	12
90	MP3A	Mx	.003	12
91	MP3B	X	5.995	12
92	MP3B	Z	10.384	12
93	MP3B	Mx	.003	12
94	MP4A	X	53.046	12
95	MP4A	Z	91.879	12
96	MP4A	Mx	-.041	12
97	MP4B	X	82.509	12
98	MP4B	Z	142.91	12
99	MP4B	Mx	0	12
100	MP4C	X	44.854	12
101	MP4C	Z	77.689	12
102	MP4C	Mx	.039	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in. %]
1	MP5C	X	0	3
2	MP5C	Z	70.835	3
3	MP5C	Mx	.035	3
4	MP5C	X	0	69
5	MP5C	Z	70.835	69
6	MP5C	Mx	.035	69
7	MP2A	X	0	18
8	MP2A	Z	153.506	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
9	MP2A	Mx	.058	18
10	MP2A	X	0	78
11	MP2A	Z	153.506	78
12	MP2A	Mx	.058	78
13	MP2B	X	0	18
14	MP2B	Z	146.205	18
15	MP2B	Mx	-.11	18
16	MP2B	X	0	78
17	MP2B	Z	146.205	78
18	MP2B	Mx	-.11	78
19	MP2C	X	0	18
20	MP2C	Z	105.038	18
21	MP2C	Mx	.053	18
22	MP2C	X	0	78
23	MP2C	Z	105.038	78
24	MP2C	Mx	.053	78
25	MP2A	X	0	18
26	MP2A	Z	153.506	18
27	MP2A	Mx	-.11	18
28	MP2A	X	0	78
29	MP2A	Z	153.506	78
30	MP2A	Mx	-.11	78
31	MP2B	X	0	18
32	MP2B	Z	146.205	18
33	MP2B	Mx	.037	18
34	MP2B	X	0	78
35	MP2B	Z	146.205	78
36	MP2B	Mx	.037	78
37	MP2C	X	0	18
38	MP2C	Z	105.038	18
39	MP2C	Mx	.053	18
40	MP2C	X	0	78
41	MP2C	Z	105.038	78
42	MP2C	Mx	.053	78
43	MP5A	X	0	3
44	MP5A	Z	95.854	3
45	MP5A	Mx	-.024	3
46	MP5A	X	0	69
47	MP5A	Z	95.854	69
48	MP5A	Mx	-.024	69
49	MP5B	X	0	3
50	MP5B	Z	95.854	3
51	MP5B	Mx	-.024	3
52	MP5B	X	0	69
53	MP5B	Z	95.854	69
54	MP5B	Mx	-.024	69
55	MP4A	X	0	46.2
56	MP4A	Z	33.061	46.2
57	MP4A	Mx	-.006	46.2
58	MP4B	X	0	46.2
59	MP4B	Z	30.731	46.2
60	MP4B	Mx	-.008	46.2
61	MP4C	X	0	46.2
62	MP4C	Z	17.593	46.2
63	MP4C	Mx	.009	46.2
64	MP2A	X	0	48
65	MP2A	Z	65.656	48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in, %]
66	MP2A	Mx	0	48
67	MP2B	X	0	48
68	MP2B	Z	49.33	48
69	MP2B	Mx	.014	48
70	MP2C	X	0	48
71	MP2C	Z	49.33	48
72	MP2C	Mx	-.014	48
73	MP3C	X	0	21
74	MP3C	Z	43.076	21
75	MP3C	Mx	-.012	21
76	MP4A	X	0	57
77	MP4A	Z	65.656	57
78	MP4A	Mx	0	57
79	MP4B	X	0	57
80	MP4B	Z	43.076	57
81	MP4B	Mx	.012	57
82	MP3A	X	0	12
83	MP3A	Z	12.991	12
84	MP3A	Mx	0	12
85	MP3B	X	0	12
86	MP3B	Z	9.989	12
87	MP3B	Mx	.001	12
88	MP3A	X	0	12
89	MP3A	Z	12.991	12
90	MP3A	Mx	0	12
91	MP3B	X	0	12
92	MP3B	Z	9.989	12
93	MP3B	Mx	.004	12
94	MP4A	X	0	12
95	MP4A	Z	153.272	12
96	MP4A	Mx	-.026	12
97	MP4B	X	0	12
98	MP4B	Z	139.915	12
99	MP4B	Mx	-.035	12
100	MP4C	X	0	12
101	MP4C	Z	64.604	12
102	MP4C	Mx	.032	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in, %]
1	MP5C	X	-42.494	3
2	MP5C	Z	73.603	3
3	MP5C	Mx	.037	3
4	MP5C	X	-42.494	69
5	MP5C	Z	73.603	69
6	MP5C	Mx	.037	69
7	MP2A	X	-79.136	18
8	MP2A	Z	137.068	18
9	MP2A	Mx	.105	18
10	MP2A	X	-79.136	78
11	MP2A	Z	137.068	78
12	MP2A	Mx	.105	78
13	MP2B	X	-59.38	18
14	MP2B	Z	102.85	18
15	MP2B	Mx	-.086	18
16	MP2B	X	-59.38	78



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
17	MP2B	Z	102.85	78
18	MP2B	Mx	-.086	78
19	MP2C	X	-59.38	18
20	MP2C	Z	102.85	18
21	MP2C	Mx	.017	18
22	MP2C	X	-59.38	78
23	MP2C	Z	102.85	78
24	MP2C	Mx	.017	78
25	MP2A	X	-79.136	18
26	MP2A	Z	137.068	18
27	MP2A	Mx	-.077	18
28	MP2A	X	-79.136	78
29	MP2A	Z	137.068	78
30	MP2A	Mx	-.077	78
31	MP2B	X	-59.38	18
32	MP2B	Z	102.85	18
33	MP2B	Mx	-.017	18
34	MP2B	X	-59.38	78
35	MP2B	Z	102.85	78
36	MP2B	Mx	-.017	78
37	MP2C	X	-59.38	18
38	MP2C	Z	102.85	18
39	MP2C	Mx	.086	18
40	MP2C	X	-59.38	78
41	MP2C	Z	102.85	78
42	MP2C	Mx	.086	78
43	MP5A	X	-50.559	3
44	MP5A	Z	87.57	3
45	MP5A	Mx	0	3
46	MP5A	X	-50.559	69
47	MP5A	Z	87.57	69
48	MP5A	Mx	0	69
49	MP5B	X	-42.664	3
50	MP5B	Z	73.896	3
51	MP5B	Mx	-.037	3
52	MP5B	X	-42.664	69
53	MP5B	Z	73.896	69
54	MP5B	Mx	-.037	69
55	MP4A	X	-17.291	46.2
56	MP4A	Z	29.949	46.2
57	MP4A	Mx	.003	46.2
58	MP4B	X	-10.986	46.2
59	MP4B	Z	19.029	46.2
60	MP4B	Mx	-.01	46.2
61	MP4C	X	-10.986	46.2
62	MP4C	Z	19.029	46.2
63	MP4C	Mx	.01	46.2
64	MP2A	X	-30.107	48
65	MP2A	Z	52.147	48
66	MP2A	Mx	-.01	48
67	MP2B	X	-21.944	48
68	MP2B	Z	38.008	48
69	MP2B	Mx	.015	48
70	MP2C	X	-30.107	48
71	MP2C	Z	52.147	48
72	MP2C	Mx	-.01	48
73	MP3C	X	-29.065	21





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
74	MP3C	Z	50.342	21
75	MP3C	Mx	-.01	21
76	MP4A	X	-29.065	57
77	MP4A	Z	50.342	57
78	MP4A	Mx	-.01	57
79	MP4B	X	-17.775	57
80	MP4B	Z	30.786	57
81	MP4B	Mx	.012	57
82	MP3A	X	-5.995	12
83	MP3A	Z	10.384	12
84	MP3A	Mx	-.000999	12
85	MP3B	X	-4.494	12
86	MP3B	Z	7.784	12
87	MP3B	Mx	.001	12
88	MP3A	X	-5.995	12
89	MP3A	Z	10.384	12
90	MP3A	Mx	-.003	12
91	MP3B	X	-4.494	12
92	MP3B	Z	7.784	12
93	MP3B	Mx	.004	12
94	MP4A	X	-80.995	12
95	MP4A	Z	140.288	12
96	MP4A	Mx	.014	12
97	MP4B	X	-44.854	12
98	MP4B	Z	77.689	12
99	MP4B	Mx	-.039	12
100	MP4C	X	-44.854	12
101	MP4C	Z	77.689	12
102	MP4C	Mx	.039	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
1	MP5C	X	-98.118	3
2	MP5C	Z	56.648	3
3	MP5C	Mx	.028	3
4	MP5C	X	-98.118	69
5	MP5C	Z	56.648	69
6	MP5C	Mx	.028	69
7	MP2A	X	-118.861	18
8	MP2A	Z	68.624	18
9	MP2A	Mx	.105	18
10	MP2A	X	-118.861	78
11	MP2A	Z	68.624	78
12	MP2A	Mx	.105	78
13	MP2B	X	-90.966	18
14	MP2B	Z	52.519	18
15	MP2B	Mx	-.053	18
16	MP2B	X	-90.966	78
17	MP2B	Z	52.519	78
18	MP2B	Mx	-.053	78
19	MP2C	X	-126.617	18
20	MP2C	Z	73.102	18
21	MP2C	Mx	-.037	18
22	MP2C	X	-126.617	78
23	MP2C	Z	73.102	78
24	MP2C	Mx	-.037	78



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
25	MP2A	X	-118.861	18
26	MP2A	Z	68.624	18
27	MP2A	Mx	-.017	18
28	MP2A	X	-118.861	78
29	MP2A	Z	68.624	78
30	MP2A	Mx	-.017	78
31	MP2B	X	-90.966	18
32	MP2B	Z	52.519	18
33	MP2B	Mx	-.053	18
34	MP2B	X	-90.966	78
35	MP2B	Z	52.519	78
36	MP2B	Mx	-.053	78
37	MP2C	X	-126.617	18
38	MP2C	Z	73.102	18
39	MP2C	Mx	.11	18
40	MP2C	X	-126.617	78
41	MP2C	Z	73.102	78
42	MP2C	Mx	.11	78
43	MP5A	X	-83.012	3
44	MP5A	Z	47.927	3
45	MP5A	Mx	.024	3
46	MP5A	X	-83.012	69
47	MP5A	Z	47.927	69
48	MP5A	Mx	.024	69
49	MP5B	X	-69.338	3
50	MP5B	Z	40.032	3
51	MP5B	Mx	-.04	3
52	MP5B	X	-69.338	69
53	MP5B	Z	40.032	69
54	MP5B	Mx	-.04	69
55	MP4A	X	-24.138	46.2
56	MP4A	Z	13.936	46.2
57	MP4A	Mx	.009	46.2
58	MP4B	X	-15.236	46.2
59	MP4B	Z	8.797	46.2
60	MP4B	Mx	-.009	46.2
61	MP4C	X	-26.614	46.2
62	MP4C	Z	15.366	46.2
63	MP4C	Mx	.008	46.2
64	MP2A	X	-42.721	48
65	MP2A	Z	24.665	48
66	MP2A	Mx	-.014	48
67	MP2B	X	-42.721	48
68	MP2B	Z	24.665	48
69	MP2B	Mx	.014	48
70	MP2C	X	-56.86	48
71	MP2C	Z	32.828	48
72	MP2C	Mx	0	48
73	MP3C	X	-56.86	21
74	MP3C	Z	32.828	21
75	MP3C	Mx	0	21
76	MP4A	X	-37.305	57
77	MP4A	Z	21.538	57
78	MP4A	Mx	-.012	57
79	MP4B	X	-37.305	57
80	MP4B	Z	21.538	57
81	MP4B	Mx	.012	57



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
82	MP3A	X	-8.651	12
83	MP3A	Z	4.994	12
84	MP3A	Mx	-.001	12
85	MP3B	X	-8.651	12
86	MP3B	Z	4.994	12
87	MP3B	Mx	.001	12
88	MP3A	X	-8.651	12
89	MP3A	Z	4.994	12
90	MP3A	Mx	-.004	12
91	MP3B	X	-8.651	12
92	MP3B	Z	4.994	12
93	MP3B	Mx	.004	12
94	MP4A	X	-106.98	12
95	MP4A	Z	61.765	12
96	MP4A	Mx	.04	12
97	MP4B	X	-55.949	12
98	MP4B	Z	32.302	12
99	MP4B	Mx	-.032	12
100	MP4C	X	-121.17	12
101	MP4C	Z	69.957	12
102	MP4C	Mx	.035	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
1	MP5C	X	-127.45	3
2	MP5C	Z	0	3
3	MP5C	Mx	0	3
4	MP5C	X	-127.45	69
5	MP5C	Z	0	69
6	MP5C	Mx	0	69
7	MP2A	X	-111.459	18
8	MP2A	Z	0	18
9	MP2A	Mx	.075	18
10	MP2A	X	-111.459	78
11	MP2A	Z	0	78
12	MP2A	Mx	.075	78
13	MP2B	X	-118.76	18
14	MP2B	Z	0	18
15	MP2B	Mx	-.017	18
16	MP2B	X	-118.76	78
17	MP2B	Z	0	78
18	MP2B	Mx	-.017	78
19	MP2C	X	-159.927	18
20	MP2C	Z	0	18
21	MP2C	Mx	-.093	18
22	MP2C	X	-159.927	78
23	MP2C	Z	0	78
24	MP2C	Mx	-.093	78
25	MP2A	X	-111.459	18
26	MP2A	Z	0	18
27	MP2A	Mx	.03	18
28	MP2A	X	-111.459	78
29	MP2A	Z	0	78
30	MP2A	Mx	.03	78
31	MP2B	X	-118.76	18
32	MP2B	Z	0	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
33	MP2B	Mx	-.086	18
34	MP2B	X	-118.76	78
35	MP2B	Z	0	78
36	MP2B	Mx	-.086	78
37	MP2C	X	-159.927	18
38	MP2C	Z	0	18
39	MP2C	Mx	.093	18
40	MP2C	X	-159.927	78
41	MP2C	Z	0	78
42	MP2C	Mx	.093	78
43	MP5A	X	-85.328	3
44	MP5A	Z	0	3
45	MP5A	Mx	.037	3
46	MP5A	X	-85.328	69
47	MP5A	Z	0	69
48	MP5A	Mx	.037	69
49	MP5B	X	-85.328	3
50	MP5B	Z	0	3
51	MP5B	Mx	-.037	3
52	MP5B	X	-85.328	69
53	MP5B	Z	0	69
54	MP5B	Mx	-.037	69
55	MP4A	X	-19.642	46.2
56	MP4A	Z	0	46.2
57	MP4A	Mx	.009	46.2
58	MP4B	X	-21.973	46.2
59	MP4B	Z	0	46.2
60	MP4B	Mx	-.01	46.2
61	MP4C	X	-35.11	46.2
62	MP4C	Z	0	46.2
63	MP4C	Mx	0	46.2
64	MP2A	X	-43.888	48
65	MP2A	Z	0	48
66	MP2A	Mx	-.015	48
67	MP2B	X	-60.214	48
68	MP2B	Z	0	48
69	MP2B	Mx	.01	48
70	MP2C	X	-60.214	48
71	MP2C	Z	0	48
72	MP2C	Mx	.01	48
73	MP3C	X	-58.129	21
74	MP3C	Z	0	21
75	MP3C	Mx	.01	21
76	MP4A	X	-35.549	57
77	MP4A	Z	0	57
78	MP4A	Mx	-.012	57
79	MP4B	X	-58.129	57
80	MP4B	Z	0	57
81	MP4B	Mx	.01	57
82	MP3A	X	-8.988	12
83	MP3A	Z	0	12
84	MP3A	Mx	-.001	12
85	MP3B	X	-11.99	12
86	MP3B	Z	0	12
87	MP3B	Mx	.000999	12
88	MP3A	X	-8.988	12
89	MP3A	Z	0	12



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
90	MP3A	Mx	-.004	12
91	MP3B	X	-11.99	12
92	MP3B	Z	0	12
93	MP3B	Mx	.003	12
94	MP4A	X	-76.351	12
95	MP4A	Z	0	12
96	MP4A	Mx	.036	12
97	MP4B	X	-89.708	12
98	MP4B	Z	0	12
99	MP4B	Mx	-.039	12
100	MP4C	X	-165.018	12
101	MP4C	Z	0	12
102	MP4C	Mx	0	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
1	MP5C	X	-98.118	3
2	MP5C	Z	-56.648	3
3	MP5C	Mx	-.028	3
4	MP5C	X	-98.118	69
5	MP5C	Z	-56.648	69
6	MP5C	Mx	-.028	69
7	MP2A	X	-92.399	18
8	MP2A	Z	-53.347	18
9	MP2A	Mx	.042	18
10	MP2A	X	-92.399	78
11	MP2A	Z	-53.347	78
12	MP2A	Mx	.042	78
13	MP2B	X	-126.617	18
14	MP2B	Z	-73.102	18
15	MP2B	Mx	.037	18
16	MP2B	X	-126.617	78
17	MP2B	Z	-73.102	78
18	MP2B	Mx	.037	78
19	MP2C	X	-126.617	18
20	MP2C	Z	-73.102	18
21	MP2C	Mx	-.11	18
22	MP2C	X	-126.617	78
23	MP2C	Z	-73.102	78
24	MP2C	Mx	-.11	78
25	MP2A	X	-92.399	18
26	MP2A	Z	-53.347	18
27	MP2A	Mx	.063	18
28	MP2A	X	-92.399	78
29	MP2A	Z	-53.347	78
30	MP2A	Mx	.063	78
31	MP2B	X	-126.617	18
32	MP2B	Z	-73.102	18
33	MP2B	Mx	-.11	18
34	MP2B	X	-126.617	78
35	MP2B	Z	-73.102	78
36	MP2B	Mx	-.11	78
37	MP2C	X	-126.617	18
38	MP2C	Z	-73.102	18
39	MP2C	Mx	.037	18
40	MP2C	X	-126.617	78



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]	
41	MP2C	Z	-73.102	78
42	MP2C	Mx	.037	78
43	MP5A	X	-69.338	3
44	MP5A	Z	-40.032	3
45	MP5A	Mx	.04	3
46	MP5A	X	-69.338	69
47	MP5A	Z	-40.032	69
48	MP5A	Mx	.04	69
49	MP5B	X	-83.012	3
50	MP5B	Z	-47.927	3
51	MP5B	Mx	-.024	3
52	MP5B	X	-83.012	69
53	MP5B	Z	-47.927	69
54	MP5B	Mx	-.024	69
55	MP4A	X	-15.694	46.2
56	MP4A	Z	-9.061	46.2
57	MP4A	Mx	.009	46.2
58	MP4B	X	-26.614	46.2
59	MP4B	Z	-15.366	46.2
60	MP4B	Mx	-.008	46.2
61	MP4C	X	-26.614	46.2
62	MP4C	Z	-15.366	46.2
63	MP4C	Mx	-.008	46.2
64	MP2A	X	-42.721	48
65	MP2A	Z	-24.665	48
66	MP2A	Mx	-.014	48
67	MP2B	X	-56.86	48
68	MP2B	Z	-32.828	48
69	MP2B	Mx	0	48
70	MP2C	X	-42.721	48
71	MP2C	Z	-24.665	48
72	MP2C	Mx	.014	48
73	MP3C	X	-37.305	21
74	MP3C	Z	-21.538	21
75	MP3C	Mx	.012	21
76	MP4A	X	-37.305	57
77	MP4A	Z	-21.538	57
78	MP4A	Mx	-.012	57
79	MP4B	X	-56.86	57
80	MP4B	Z	-32.828	57
81	MP4B	Mx	0	57
82	MP3A	X	-8.651	12
83	MP3A	Z	-4.994	12
84	MP3A	Mx	-.001	12
85	MP3B	X	-11.25	12
86	MP3B	Z	-6.495	12
87	MP3B	Mx	0	12
88	MP3A	X	-8.651	12
89	MP3A	Z	-4.994	12
90	MP3A	Mx	-.004	12
91	MP3B	X	-11.25	12
92	MP3B	Z	-6.495	12
93	MP3B	Mx	0	12
94	MP4A	X	-58.571	12
95	MP4A	Z	-33.816	12
96	MP4A	Mx	.033	12
97	MP4B	X	-121.17	12



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in, %]
98	MP4B	Z	-69.957	12
99	MP4B	Mx	-.035	12
100	MP4C	X	-121.17	12
101	MP4C	Z	-69.957	12
102	MP4C	Mx	-.035	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in, %]
1	MP5C	X	-42.494	3
2	MP5C	Z	-73.603	3
3	MP5C	Mx	-.037	3
4	MP5C	X	-42.494	69
5	MP5C	Z	-73.603	69
6	MP5C	Mx	-.037	69
7	MP2A	X	-63.859	18
8	MP2A	Z	-110.606	18
9	MP2A	Mx	.001	18
10	MP2A	X	-63.859	78
11	MP2A	Z	-110.606	78
12	MP2A	Mx	.001	78
13	MP2B	X	-79.964	18
14	MP2B	Z	-138.501	18
15	MP2B	Mx	.093	18
16	MP2B	X	-79.964	78
17	MP2B	Z	-138.501	78
18	MP2B	Mx	.093	78
19	MP2C	X	-59.38	18
20	MP2C	Z	-102.85	18
21	MP2C	Mx	-.086	18
22	MP2C	X	-59.38	78
23	MP2C	Z	-102.85	78
24	MP2C	Mx	-.086	78
25	MP2A	X	-63.859	18
26	MP2A	Z	-110.606	18
27	MP2A	Mx	.097	18
28	MP2A	X	-63.859	78
29	MP2A	Z	-110.606	78
30	MP2A	Mx	.097	78
31	MP2B	X	-79.964	18
32	MP2B	Z	-138.501	18
33	MP2B	Mx	-.093	18
34	MP2B	X	-79.964	78
35	MP2B	Z	-138.501	78
36	MP2B	Mx	-.093	78
37	MP2C	X	-59.38	18
38	MP2C	Z	-102.85	18
39	MP2C	Mx	-.017	18
40	MP2C	X	-59.38	78
41	MP2C	Z	-102.85	78
42	MP2C	Mx	-.017	78
43	MP5A	X	-42.664	3
44	MP5A	Z	-73.896	3
45	MP5A	Mx	.037	3
46	MP5A	X	-42.664	69
47	MP5A	Z	-73.896	69
48	MP5A	Mx	.037	69



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]	
49	MP5B	X	-50.559	3
50	MP5B	Z	-87.57	3
51	MP5B	Mx	0	3
52	MP5B	X	-50.559	69
53	MP5B	Z	-87.57	69
54	MP5B	Mx	0	69
55	MP4A	X	-12.415	46.2
56	MP4A	Z	-21.504	46.2
57	MP4A	Mx	.01	46.2
58	MP4B	X	-17.555	46.2
59	MP4B	Z	-30.406	46.2
60	MP4B	Mx	0	46.2
61	MP4C	X	-10.986	46.2
62	MP4C	Z	-19.029	46.2
63	MP4C	Mx	-.01	46.2
64	MP2A	X	-30.107	48
65	MP2A	Z	-52.147	48
66	MP2A	Mx	-.01	48
67	MP2B	X	-30.107	48
68	MP2B	Z	-52.147	48
69	MP2B	Mx	-.01	48
70	MP2C	X	-21.944	48
71	MP2C	Z	-38.008	48
72	MP2C	Mx	.015	48
73	MP3C	X	-17.775	21
74	MP3C	Z	-30.786	21
75	MP3C	Mx	.012	21
76	MP4A	X	-29.065	57
77	MP4A	Z	-50.342	57
78	MP4A	Mx	-.01	57
79	MP4B	X	-29.065	57
80	MP4B	Z	-50.342	57
81	MP4B	Mx	-.01	57
82	MP3A	X	-5.995	12
83	MP3A	Z	-10.384	12
84	MP3A	Mx	-.000999	12
85	MP3B	X	-5.995	12
86	MP3B	Z	-10.384	12
87	MP3B	Mx	-.000999	12
88	MP3A	X	-5.995	12
89	MP3A	Z	-10.384	12
90	MP3A	Mx	-.003	12
91	MP3B	X	-5.995	12
92	MP3B	Z	-10.384	12
93	MP3B	Mx	-.003	12
94	MP4A	X	-53.046	12
95	MP4A	Z	-91.879	12
96	MP4A	Mx	.041	12
97	MP4B	X	-82.509	12
98	MP4B	Z	-142.91	12
99	MP4B	Mx	0	12
100	MP4C	X	-44.854	12
101	MP4C	Z	-77.689	12
102	MP4C	Mx	-.039	12

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





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
1	MP5C	X	0	3
2	MP5C	Z	-15.712	3
3	MP5C	Mx	-.008	3
4	MP5C	X	0	69
5	MP5C	Z	-15.712	69
6	MP5C	Mx	-.008	69
7	MP2A	X	0	18
8	MP2A	Z	-31.762	18
9	MP2A	Mx	-.012	18
10	MP2A	X	0	78
11	MP2A	Z	-31.762	78
12	MP2A	Mx	-.012	78
13	MP2B	X	0	18
14	MP2B	Z	-30.362	18
15	MP2B	Mx	.023	18
16	MP2B	X	0	78
17	MP2B	Z	-30.362	78
18	MP2B	Mx	.023	78
19	MP2C	X	0	18
20	MP2C	Z	-22.469	18
21	MP2C	Mx	-.011	18
22	MP2C	X	0	78
23	MP2C	Z	-22.469	78
24	MP2C	Mx	-.011	78
25	MP2A	X	0	18
26	MP2A	Z	-31.762	18
27	MP2A	Mx	.023	18
28	MP2A	X	0	78
29	MP2A	Z	-31.762	78
30	MP2A	Mx	.023	78
31	MP2B	X	0	18
32	MP2B	Z	-30.362	18
33	MP2B	Mx	-.008	18
34	MP2B	X	0	78
35	MP2B	Z	-30.362	78
36	MP2B	Mx	-.008	78
37	MP2C	X	0	18
38	MP2C	Z	-22.469	18
39	MP2C	Mx	-.011	18
40	MP2C	X	0	78
41	MP2C	Z	-22.469	78
42	MP2C	Mx	-.011	78
43	MP5A	X	0	3
44	MP5A	Z	-20.679	3
45	MP5A	Mx	.005	3
46	MP5A	X	0	69
47	MP5A	Z	-20.679	69
48	MP5A	Mx	.005	69
49	MP5B	X	0	3
50	MP5B	Z	-20.679	3
51	MP5B	Mx	.005	3
52	MP5B	X	0	69
53	MP5B	Z	-20.679	69
54	MP5B	Mx	.005	69
55	MP4A	X	0	46.2
56	MP4A	Z	-7.936	46.2
57	MP4A	Mx	.001	46.2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
58	MP4B	X	0	46.2
59	MP4B	Z	-7.445	46.2
60	MP4B	Mx	.002	46.2
61	MP4C	X	0	46.2
62	MP4C	Z	-4.675	46.2
63	MP4C	Mx	-.002	46.2
64	MP2A	X	0	48
65	MP2A	Z	-14.734	48
66	MP2A	Mx	0	48
67	MP2B	X	0	48
68	MP2B	Z	-11.356	48
69	MP2B	Mx	-.003	48
70	MP2C	X	0	48
71	MP2C	Z	-11.356	48
72	MP2C	Mx	.003	48
73	MP3C	X	0	21
74	MP3C	Z	-10.073	21
75	MP3C	Mx	.003	21
76	MP4A	X	0	57
77	MP4A	Z	-14.734	57
78	MP4A	Mx	0	57
79	MP4B	X	0	57
80	MP4B	Z	-10.073	57
81	MP4B	Mx	-.003	57
82	MP3A	X	0	12
83	MP3A	Z	-3.545	12
84	MP3A	Mx	0	12
85	MP3B	X	0	12
86	MP3B	Z	-2.875	12
87	MP3B	Mx	-.000415	12
88	MP3A	X	0	12
89	MP3A	Z	-3.545	12
90	MP3A	Mx	0	12
91	MP3B	X	0	12
92	MP3B	Z	-2.875	12
93	MP3B	Mx	-.001	12
94	MP4A	X	0	12
95	MP4A	Z	-32.692	12
96	MP4A	Mx	.006	12
97	MP4B	X	0	12
98	MP4B	Z	-30.008	12
99	MP4B	Mx	.008	12
100	MP4C	X	0	12
101	MP4C	Z	-14.873	12
102	MP4C	Mx	-.007	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
1	MP5C	X	9.218	3
2	MP5C	Z	-15.966	3
3	MP5C	Mx	-.008	3
4	MP5C	X	9.218	69
5	MP5C	Z	-15.966	69
6	MP5C	Mx	-.008	69
7	MP2A	X	16.338	18
8	MP2A	Z	-28.298	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
9	MP2A	Mx	-.022	18
10	MP2A	X	16.338	78
11	MP2A	Z	-28.298	78
12	MP2A	Mx	-.022	78
13	MP2B	X	12.55	18
14	MP2B	Z	-21.737	18
15	MP2B	Mx	.018	18
16	MP2B	X	12.55	78
17	MP2B	Z	-21.737	78
18	MP2B	Mx	.018	78
19	MP2C	X	12.55	18
20	MP2C	Z	-21.737	18
21	MP2C	Mx	-.004	18
22	MP2C	X	12.55	78
23	MP2C	Z	-21.737	78
24	MP2C	Mx	-.004	78
25	MP2A	X	16.338	18
26	MP2A	Z	-28.298	18
27	MP2A	Mx	.016	18
28	MP2A	X	16.338	78
29	MP2A	Z	-28.298	78
30	MP2A	Mx	.016	78
31	MP2B	X	12.55	18
32	MP2B	Z	-21.737	18
33	MP2B	Mx	.004	18
34	MP2B	X	12.55	78
35	MP2B	Z	-21.737	78
36	MP2B	Mx	.004	78
37	MP2C	X	12.55	18
38	MP2C	Z	-21.737	18
39	MP2C	Mx	-.018	18
40	MP2C	X	12.55	78
41	MP2C	Z	-21.737	78
42	MP2C	Mx	-.018	78
43	MP5A	X	10.858	3
44	MP5A	Z	-18.807	3
45	MP5A	Mx	0	3
46	MP5A	X	10.858	69
47	MP5A	Z	-18.807	69
48	MP5A	Mx	0	69
49	MP5B	X	9.301	3
50	MP5B	Z	-16.111	3
51	MP5B	Mx	.008	3
52	MP5B	X	9.301	69
53	MP5B	Z	-16.111	69
54	MP5B	Mx	.008	69
55	MP4A	X	4.128	46.2
56	MP4A	Z	-7.15	46.2
57	MP4A	Mx	-.000717	46.2
58	MP4B	X	2.799	46.2
59	MP4B	Z	-4.848	46.2
60	MP4B	Mx	.002	46.2
61	MP4C	X	2.799	46.2
62	MP4C	Z	-4.848	46.2
63	MP4C	Mx	-.002	46.2
64	MP2A	X	6.804	48
65	MP2A	Z	-11.785	48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
66	MP2A	Mx	.002	48
67	MP2B	X	5.115	48
68	MP2B	Z	-8.86	48
69	MP2B	Mx	-.003	48
70	MP2C	X	6.804	48
71	MP2C	Z	-11.785	48
72	MP2C	Mx	.002	48
73	MP3C	X	6.59	21
74	MP3C	Z	-11.415	21
75	MP3C	Mx	.002	21
76	MP4A	X	6.59	57
77	MP4A	Z	-11.415	57
78	MP4A	Mx	.002	57
79	MP4B	X	4.26	57
80	MP4B	Z	-7.378	57
81	MP4B	Mx	-.003	57
82	MP3A	X	1.661	12
83	MP3A	Z	-2.877	12
84	MP3A	Mx	.000277	12
85	MP3B	X	1.326	12
86	MP3B	Z	-2.297	12
87	MP3B	Mx	-.000442	12
88	MP3A	X	1.661	12
89	MP3A	Z	-2.877	12
90	MP3A	Mx	.000831	12
91	MP3B	X	1.326	12
92	MP3B	Z	-2.297	12
93	MP3B	Mx	-.001	12
94	MP4A	X	17.222	12
95	MP4A	Z	-29.829	12
96	MP4A	Mx	-.003	12
97	MP4B	X	9.959	12
98	MP4B	Z	-17.25	12
99	MP4B	Mx	.009	12
100	MP4C	X	9.959	12
101	MP4C	Z	-17.25	12
102	MP4C	Mx	-.009	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
1	MP5C	X	20.685	3
2	MP5C	Z	-11.943	3
3	MP5C	Mx	-.006	3
4	MP5C	X	20.685	69
5	MP5C	Z	-11.943	69
6	MP5C	Mx	-.006	69
7	MP2A	X	24.807	18
8	MP2A	Z	-14.322	18
9	MP2A	Mx	-.022	18
10	MP2A	X	24.807	78
11	MP2A	Z	-14.322	78
12	MP2A	Mx	-.022	78
13	MP2B	X	19.458	18
14	MP2B	Z	-11.234	18
15	MP2B	Mx	.011	18
16	MP2B	X	19.458	78



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
17	MP2B	Z	-11.234	78
18	MP2B	Mx	.011	78
19	MP2C	X	26.294	18
20	MP2C	Z	-15.181	18
21	MP2C	Mx	.008	18
22	MP2C	X	26.294	78
23	MP2C	Z	-15.181	78
24	MP2C	Mx	.008	78
25	MP2A	X	24.807	18
26	MP2A	Z	-14.322	18
27	MP2A	Mx	.004	18
28	MP2A	X	24.807	78
29	MP2A	Z	-14.322	78
30	MP2A	Mx	.004	78
31	MP2B	X	19.458	18
32	MP2B	Z	-11.234	18
33	MP2B	Mx	.011	18
34	MP2B	X	19.458	78
35	MP2B	Z	-11.234	78
36	MP2B	Mx	.011	78
37	MP2C	X	26.294	18
38	MP2C	Z	-15.181	18
39	MP2C	Mx	-.023	18
40	MP2C	X	26.294	78
41	MP2C	Z	-15.181	78
42	MP2C	Mx	-.023	78
43	MP5A	X	17.908	3
44	MP5A	Z	-10.339	3
45	MP5A	Mx	-.005	3
46	MP5A	X	17.908	69
47	MP5A	Z	-10.339	69
48	MP5A	Mx	-.005	69
49	MP5B	X	15.212	3
50	MP5B	Z	-8.782	3
51	MP5B	Mx	.009	3
52	MP5B	X	15.212	69
53	MP5B	Z	-8.782	69
54	MP5B	Mx	.009	69
55	MP4A	X	5.925	46.2
56	MP4A	Z	-3.421	46.2
57	MP4A	Mx	-.002	46.2
58	MP4B	X	4.049	46.2
59	MP4B	Z	-2.337	46.2
60	MP4B	Mx	.002	46.2
61	MP4C	X	6.447	46.2
62	MP4C	Z	-3.722	46.2
63	MP4C	Mx	-.002	46.2
64	MP2A	X	9.835	48
65	MP2A	Z	-5.678	48
66	MP2A	Mx	.003	48
67	MP2B	X	9.835	48
68	MP2B	Z	-5.678	48
69	MP2B	Mx	-.003	48
70	MP2C	X	12.76	48
71	MP2C	Z	-7.367	48
72	MP2C	Mx	0	48
73	MP3C	X	12.76	21



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
74	MP3C	Z	-7.367	21
75	MP3C	Mx	0	21
76	MP4A	X	8.723	57
77	MP4A	Z	-5.036	57
78	MP4A	Mx	.003	57
79	MP4B	X	8.723	57
80	MP4B	Z	-5.036	57
81	MP4B	Mx	-.003	57
82	MP3A	X	2.49	12
83	MP3A	Z	-1.438	12
84	MP3A	Mx	.000415	12
85	MP3B	X	2.49	12
86	MP3B	Z	-1.438	12
87	MP3B	Mx	-.000415	12
88	MP3A	X	2.49	12
89	MP3A	Z	-1.438	12
90	MP3A	Mx	.001	12
91	MP3B	X	2.49	12
92	MP3B	Z	-1.438	12
93	MP3B	Mx	-.001	12
94	MP4A	X	23.136	12
95	MP4A	Z	-13.357	12
96	MP4A	Mx	-.009	12
97	MP4B	X	12.881	12
98	MP4B	Z	-7.437	12
99	MP4B	Mx	.007	12
100	MP4C	X	25.987	12
101	MP4C	Z	-15.004	12
102	MP4C	Mx	-.008	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
1	MP5C	X	26.61	3
2	MP5C	Z	0	3
3	MP5C	Mx	0	3
4	MP5C	X	26.61	69
5	MP5C	Z	0	69
6	MP5C	Mx	0	69
7	MP2A	X	23.7	18
8	MP2A	Z	0	18
9	MP2A	Mx	-.016	18
10	MP2A	X	23.7	78
11	MP2A	Z	0	78
12	MP2A	Mx	-.016	78
13	MP2B	X	25.1	18
14	MP2B	Z	0	18
15	MP2B	Mx	.004	18
16	MP2B	X	25.1	78
17	MP2B	Z	0	78
18	MP2B	Mx	.004	78
19	MP2C	X	32.993	18
20	MP2C	Z	0	18
21	MP2C	Mx	.019	18
22	MP2C	X	32.993	78
23	MP2C	Z	0	78
24	MP2C	Mx	.019	78



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
25	MP2A	X	23.7	18
26	MP2A	Z	0	18
27	MP2A	Mx	-.006	18
28	MP2A	X	23.7	78
29	MP2A	Z	0	78
30	MP2A	Mx	-.006	78
31	MP2B	X	25.1	18
32	MP2B	Z	0	18
33	MP2B	Mx	.018	18
34	MP2B	X	25.1	78
35	MP2B	Z	0	78
36	MP2B	Mx	.018	78
37	MP2C	X	32.993	18
38	MP2C	Z	0	18
39	MP2C	Mx	-.019	18
40	MP2C	X	32.993	78
41	MP2C	Z	0	78
42	MP2C	Mx	-.019	78
43	MP5A	X	18.603	3
44	MP5A	Z	0	3
45	MP5A	Mx	-.008	3
46	MP5A	X	18.603	69
47	MP5A	Z	0	69
48	MP5A	Mx	-.008	69
49	MP5B	X	18.603	3
50	MP5B	Z	0	3
51	MP5B	Mx	.008	3
52	MP5B	X	18.603	69
53	MP5B	Z	0	69
54	MP5B	Mx	.008	69
55	MP4A	X	5.107	46.2
56	MP4A	Z	0	46.2
57	MP4A	Mx	-.002	46.2
58	MP4B	X	5.598	46.2
59	MP4B	Z	0	46.2
60	MP4B	Mx	.002	46.2
61	MP4C	X	8.368	46.2
62	MP4C	Z	0	46.2
63	MP4C	Mx	0	46.2
64	MP2A	X	10.23	48
65	MP2A	Z	0	48
66	MP2A	Mx	.003	48
67	MP2B	X	13.608	48
68	MP2B	Z	0	48
69	MP2B	Mx	-.002	48
70	MP2C	X	13.608	48
71	MP2C	Z	0	48
72	MP2C	Mx	-.002	48
73	MP3C	X	13.18	21
74	MP3C	Z	0	21
75	MP3C	Mx	-.002	21
76	MP4A	X	8.519	57
77	MP4A	Z	0	57
78	MP4A	Mx	.003	57
79	MP4B	X	13.18	57
80	MP4B	Z	0	57
81	MP4B	Mx	-.002	57



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
82	MP3A	X	2.652	12
83	MP3A	Z	0	12
84	MP3A	Mx	.000442	12
85	MP3B	X	3.322	12
86	MP3B	Z	0	12
87	MP3B	Mx	-.000277	12
88	MP3A	X	2.652	12
89	MP3A	Z	0	12
90	MP3A	Mx	.001	12
91	MP3B	X	3.322	12
92	MP3B	Z	0	12
93	MP3B	Mx	-.000831	12
94	MP4A	X	17.234	12
95	MP4A	Z	0	12
96	MP4A	Mx	-.008	12
97	MP4B	X	19.918	12
98	MP4B	Z	0	12
99	MP4B	Mx	.009	12
100	MP4C	X	35.053	12
101	MP4C	Z	0	12
102	MP4C	Mx	0	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
1	MP5C	X	20.685	3
2	MP5C	Z	11.943	3
3	MP5C	Mx	.006	3
4	MP5C	X	20.685	69
5	MP5C	Z	11.943	69
6	MP5C	Mx	.006	69
7	MP2A	X	19.733	18
8	MP2A	Z	11.393	18
9	MP2A	Mx	-.009	18
10	MP2A	X	19.733	78
11	MP2A	Z	11.393	78
12	MP2A	Mx	-.009	78
13	MP2B	X	26.294	18
14	MP2B	Z	15.181	18
15	MP2B	Mx	-.008	18
16	MP2B	X	26.294	78
17	MP2B	Z	15.181	78
18	MP2B	Mx	-.008	78
19	MP2C	X	26.294	18
20	MP2C	Z	15.181	18
21	MP2C	Mx	.023	18
22	MP2C	X	26.294	78
23	MP2C	Z	15.181	78
24	MP2C	Mx	.023	78
25	MP2A	X	19.733	18
26	MP2A	Z	11.393	18
27	MP2A	Mx	-.014	18
28	MP2A	X	19.733	78
29	MP2A	Z	11.393	78
30	MP2A	Mx	-.014	78
31	MP2B	X	26.294	18
32	MP2B	Z	15.181	18





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

Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]	
33	MP2B	Mx	.023	18
34	MP2B	X	26.294	78
35	MP2B	Z	15.181	78
36	MP2B	Mx	.023	78
37	MP2C	X	26.294	18
38	MP2C	Z	15.181	18
39	MP2C	Mx	-.008	18
40	MP2C	X	26.294	78
41	MP2C	Z	15.181	78
42	MP2C	Mx	-.008	78
43	MP5A	X	15.212	3
44	MP5A	Z	8.782	3
45	MP5A	Mx	-.009	3
46	MP5A	X	15.212	69
47	MP5A	Z	8.782	69
48	MP5A	Mx	-.009	69
49	MP5B	X	17.908	3
50	MP5B	Z	10.339	3
51	MP5B	Mx	.005	3
52	MP5B	X	17.908	69
53	MP5B	Z	10.339	69
54	MP5B	Mx	.005	69
55	MP4A	X	4.145	46.2
56	MP4A	Z	2.393	46.2
57	MP4A	Mx	-.002	46.2
58	MP4B	X	6.447	46.2
59	MP4B	Z	3.722	46.2
60	MP4B	Mx	.002	46.2
61	MP4C	X	6.447	46.2
62	MP4C	Z	3.722	46.2
63	MP4C	Mx	.002	46.2
64	MP2A	X	9.835	48
65	MP2A	Z	5.678	48
66	MP2A	Mx	.003	48
67	MP2B	X	12.76	48
68	MP2B	Z	7.367	48
69	MP2B	Mx	0	48
70	MP2C	X	9.835	48
71	MP2C	Z	5.678	48
72	MP2C	Mx	-.003	48
73	MP3C	X	8.723	21
74	MP3C	Z	5.036	21
75	MP3C	Mx	-.003	21
76	MP4A	X	8.723	57
77	MP4A	Z	5.036	57
78	MP4A	Mx	.003	57
79	MP4B	X	12.76	57
80	MP4B	Z	7.367	57
81	MP4B	Mx	0	57
82	MP3A	X	2.49	12
83	MP3A	Z	1.438	12
84	MP3A	Mx	.000415	12
85	MP3B	X	3.07	12
86	MP3B	Z	1.772	12
87	MP3B	Mx	0	12
88	MP3A	X	2.49	12
89	MP3A	Z	1.438	12



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
90	MP3A	Mx	.001	12
91	MP3B	X	3.07	12
92	MP3B	Z	1.772	12
93	MP3B	Mx	0	12
94	MP4A	X	13.408	12
95	MP4A	Z	7.741	12
96	MP4A	Mx	-.008	12
97	MP4B	X	25.987	12
98	MP4B	Z	15.004	12
99	MP4B	Mx	.008	12
100	MP4C	X	25.987	12
101	MP4C	Z	15.004	12
102	MP4C	Mx	.008	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
1	MP5C	X	9.218	3
2	MP5C	Z	15.966	3
3	MP5C	Mx	.008	3
4	MP5C	X	9.218	69
5	MP5C	Z	15.966	69
6	MP5C	Mx	.008	69
7	MP2A	X	13.408	18
8	MP2A	Z	23.224	18
9	MP2A	Mx	-.000216	18
10	MP2A	X	13.408	78
11	MP2A	Z	23.224	78
12	MP2A	Mx	-.000216	78
13	MP2B	X	16.496	18
14	MP2B	Z	28.572	18
15	MP2B	Mx	-.019	18
16	MP2B	X	16.496	78
17	MP2B	Z	28.572	78
18	MP2B	Mx	-.019	78
19	MP2C	X	12.55	18
20	MP2C	Z	21.737	18
21	MP2C	Mx	.018	18
22	MP2C	X	12.55	78
23	MP2C	Z	21.737	78
24	MP2C	Mx	.018	78
25	MP2A	X	13.408	18
26	MP2A	Z	23.224	18
27	MP2A	Mx	-.02	18
28	MP2A	X	13.408	78
29	MP2A	Z	23.224	78
30	MP2A	Mx	-.02	78
31	MP2B	X	16.496	18
32	MP2B	Z	28.572	18
33	MP2B	Mx	.019	18
34	MP2B	X	16.496	78
35	MP2B	Z	28.572	78
36	MP2B	Mx	.019	78
37	MP2C	X	12.55	18
38	MP2C	Z	21.737	18
39	MP2C	Mx	.004	18
40	MP2C	X	12.55	78



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
41	MP2C	Z	21.737	78
42	MP2C	Mx	.004	78
43	MP5A	X	9.301	3
44	MP5A	Z	16.111	3
45	MP5A	Mx	-.008	3
46	MP5A	X	9.301	69
47	MP5A	Z	16.111	69
48	MP5A	Mx	-.008	69
49	MP5B	X	10.858	3
50	MP5B	Z	18.807	3
51	MP5B	Mx	0	3
52	MP5B	X	10.858	69
53	MP5B	Z	18.807	69
54	MP5B	Mx	0	69
55	MP4A	X	3.1	46.2
56	MP4A	Z	5.37	46.2
57	MP4A	Mx	-.002	46.2
58	MP4B	X	4.184	46.2
59	MP4B	Z	7.247	46.2
60	MP4B	Mx	0	46.2
61	MP4C	X	2.799	46.2
62	MP4C	Z	4.848	46.2
63	MP4C	Mx	.002	46.2
64	MP2A	X	6.804	48
65	MP2A	Z	11.785	48
66	MP2A	Mx	.002	48
67	MP2B	X	6.804	48
68	MP2B	Z	11.785	48
69	MP2B	Mx	.002	48
70	MP2C	X	5.115	48
71	MP2C	Z	8.86	48
72	MP2C	Mx	-.003	48
73	MP3C	X	4.26	21
74	MP3C	Z	7.378	21
75	MP3C	Mx	-.003	21
76	MP4A	X	6.59	57
77	MP4A	Z	11.415	57
78	MP4A	Mx	.002	57
79	MP4B	X	6.59	57
80	MP4B	Z	11.415	57
81	MP4B	Mx	.002	57
82	MP3A	X	1.661	12
83	MP3A	Z	2.877	12
84	MP3A	Mx	.000277	12
85	MP3B	X	1.661	12
86	MP3B	Z	2.877	12
87	MP3B	Mx	.000277	12
88	MP3A	X	1.661	12
89	MP3A	Z	2.877	12
90	MP3A	Mx	.000831	12
91	MP3B	X	1.661	12
92	MP3B	Z	2.877	12
93	MP3B	Mx	.000831	12
94	MP4A	X	11.605	12
95	MP4A	Z	20.101	12
96	MP4A	Mx	-.009	12
97	MP4B	X	17.526	12



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in, %]
98	MP4B	Z	30.356	12
99	MP4B	Mx	0	12
100	MP4C	X	9.959	12
101	MP4C	Z	17.25	12
102	MP4C	Mx	.009	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in, %]
1	MP5C	X	0	3
2	MP5C	Z	15.712	3
3	MP5C	Mx	.008	3
4	MP5C	X	0	69
5	MP5C	Z	15.712	69
6	MP5C	Mx	.008	69
7	MP2A	X	0	18
8	MP2A	Z	31.762	18
9	MP2A	Mx	.012	18
10	MP2A	X	0	78
11	MP2A	Z	31.762	78
12	MP2A	Mx	.012	78
13	MP2B	X	0	18
14	MP2B	Z	30.362	18
15	MP2B	Mx	-.023	18
16	MP2B	X	0	78
17	MP2B	Z	30.362	78
18	MP2B	Mx	-.023	78
19	MP2C	X	0	18
20	MP2C	Z	22.469	18
21	MP2C	Mx	.011	18
22	MP2C	X	0	78
23	MP2C	Z	22.469	78
24	MP2C	Mx	.011	78
25	MP2A	X	0	18
26	MP2A	Z	31.762	18
27	MP2A	Mx	-.023	18
28	MP2A	X	0	78
29	MP2A	Z	31.762	78
30	MP2A	Mx	-.023	78
31	MP2B	X	0	18
32	MP2B	Z	30.362	18
33	MP2B	Mx	.008	18
34	MP2B	X	0	78
35	MP2B	Z	30.362	78
36	MP2B	Mx	.008	78
37	MP2C	X	0	18
38	MP2C	Z	22.469	18
39	MP2C	Mx	.011	18
40	MP2C	X	0	78
41	MP2C	Z	22.469	78
42	MP2C	Mx	.011	78
43	MP5A	X	0	3
44	MP5A	Z	20.679	3
45	MP5A	Mx	-.005	3
46	MP5A	X	0	69
47	MP5A	Z	20.679	69
48	MP5A	Mx	-.005	69



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
49	MP5B	X	0	3
50	MP5B	Z	20.679	3
51	MP5B	Mx	-.005	3
52	MP5B	X	0	69
53	MP5B	Z	20.679	69
54	MP5B	Mx	-.005	69
55	MP4A	X	0	46.2
56	MP4A	Z	7.936	46.2
57	MP4A	Mx	-.001	46.2
58	MP4B	X	0	46.2
59	MP4B	Z	7.445	46.2
60	MP4B	Mx	-.002	46.2
61	MP4C	X	0	46.2
62	MP4C	Z	4.675	46.2
63	MP4C	Mx	.002	46.2
64	MP2A	X	0	48
65	MP2A	Z	14.734	48
66	MP2A	Mx	0	48
67	MP2B	X	0	48
68	MP2B	Z	11.356	48
69	MP2B	Mx	.003	48
70	MP2C	X	0	48
71	MP2C	Z	11.356	48
72	MP2C	Mx	-.003	48
73	MP3C	X	0	21
74	MP3C	Z	10.073	21
75	MP3C	Mx	-.003	21
76	MP4A	X	0	57
77	MP4A	Z	14.734	57
78	MP4A	Mx	0	57
79	MP4B	X	0	57
80	MP4B	Z	10.073	57
81	MP4B	Mx	.003	57
82	MP3A	X	0	12
83	MP3A	Z	3.545	12
84	MP3A	Mx	0	12
85	MP3B	X	0	12
86	MP3B	Z	2.875	12
87	MP3B	Mx	.000415	12
88	MP3A	X	0	12
89	MP3A	Z	3.545	12
90	MP3A	Mx	0	12
91	MP3B	X	0	12
92	MP3B	Z	2.875	12
93	MP3B	Mx	.001	12
94	MP4A	X	0	12
95	MP4A	Z	32.692	12
96	MP4A	Mx	-.006	12
97	MP4B	X	0	12
98	MP4B	Z	30.008	12
99	MP4B	Mx	-.008	12
100	MP4C	X	0	12
101	MP4C	Z	14.873	12
102	MP4C	Mx	.007	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
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**Member Point Loads (BLC 22 : Antenna Wi (210 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP5C	X	-9.218	3
2	MP5C	Z	15.966	3
3	MP5C	Mx	.008	3
4	MP5C	X	-9.218	69
5	MP5C	Z	15.966	69
6	MP5C	Mx	.008	69
7	MP2A	X	-16.338	18
8	MP2A	Z	28.298	18
9	MP2A	Mx	.022	18
10	MP2A	X	-16.338	78
11	MP2A	Z	28.298	78
12	MP2A	Mx	.022	78
13	MP2B	X	-12.55	18
14	MP2B	Z	21.737	18
15	MP2B	Mx	-.018	18
16	MP2B	X	-12.55	78
17	MP2B	Z	21.737	78
18	MP2B	Mx	-.018	78
19	MP2C	X	-12.55	18
20	MP2C	Z	21.737	18
21	MP2C	Mx	.004	18
22	MP2C	X	-12.55	78
23	MP2C	Z	21.737	78
24	MP2C	Mx	.004	78
25	MP2A	X	-16.338	18
26	MP2A	Z	28.298	18
27	MP2A	Mx	-.016	18
28	MP2A	X	-16.338	78
29	MP2A	Z	28.298	78
30	MP2A	Mx	-.016	78
31	MP2B	X	-12.55	18
32	MP2B	Z	21.737	18
33	MP2B	Mx	-.004	18
34	MP2B	X	-12.55	78
35	MP2B	Z	21.737	78
36	MP2B	Mx	-.004	78
37	MP2C	X	-12.55	18
38	MP2C	Z	21.737	18
39	MP2C	Mx	.018	18
40	MP2C	X	-12.55	78
41	MP2C	Z	21.737	78
42	MP2C	Mx	.018	78
43	MP5A	X	-10.858	3
44	MP5A	Z	18.807	3
45	MP5A	Mx	0	3
46	MP5A	X	-10.858	69
47	MP5A	Z	18.807	69
48	MP5A	Mx	0	69
49	MP5B	X	-9.301	3
50	MP5B	Z	16.111	3
51	MP5B	Mx	-.008	3
52	MP5B	X	-9.301	69
53	MP5B	Z	16.111	69
54	MP5B	Mx	-.008	69
55	MP4A	X	-4.128	46.2
56	MP4A	Z	7.15	46.2
57	MP4A	Mx	.000717	46.2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
58	MP4B	X	-2.799	46.2
59	MP4B	Z	4.848	46.2
60	MP4B	Mx	-.002	46.2
61	MP4C	X	-2.799	46.2
62	MP4C	Z	4.848	46.2
63	MP4C	Mx	.002	46.2
64	MP2A	X	-6.804	48
65	MP2A	Z	11.785	48
66	MP2A	Mx	-.002	48
67	MP2B	X	-5.115	48
68	MP2B	Z	8.86	48
69	MP2B	Mx	.003	48
70	MP2C	X	-6.804	48
71	MP2C	Z	11.785	48
72	MP2C	Mx	-.002	48
73	MP3C	X	-6.59	21
74	MP3C	Z	11.415	21
75	MP3C	Mx	-.002	21
76	MP4A	X	-6.59	57
77	MP4A	Z	11.415	57
78	MP4A	Mx	-.002	57
79	MP4B	X	-4.26	57
80	MP4B	Z	7.378	57
81	MP4B	Mx	.003	57
82	MP3A	X	-1.661	12
83	MP3A	Z	2.877	12
84	MP3A	Mx	-.000277	12
85	MP3B	X	-1.326	12
86	MP3B	Z	2.297	12
87	MP3B	Mx	.000442	12
88	MP3A	X	-1.661	12
89	MP3A	Z	2.877	12
90	MP3A	Mx	-.000831	12
91	MP3B	X	-1.326	12
92	MP3B	Z	2.297	12
93	MP3B	Mx	.001	12
94	MP4A	X	-17.222	12
95	MP4A	Z	29.829	12
96	MP4A	Mx	.003	12
97	MP4B	X	-9.959	12
98	MP4B	Z	17.25	12
99	MP4B	Mx	-.009	12
100	MP4C	X	-9.959	12
101	MP4C	Z	17.25	12
102	MP4C	Mx	.009	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
1	MP5C	X	-20.685	3
2	MP5C	Z	11.943	3
3	MP5C	Mx	.006	3
4	MP5C	X	-20.685	69
5	MP5C	Z	11.943	69
6	MP5C	Mx	.006	69
7	MP2A	X	-24.807	18
8	MP2A	Z	14.322	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in. %]
9	MP2A	Mx	.022	18
10	MP2A	X	-24.807	78
11	MP2A	Z	14.322	78
12	MP2A	Mx	.022	78
13	MP2B	X	-19.458	18
14	MP2B	Z	11.234	18
15	MP2B	Mx	-.011	18
16	MP2B	X	-19.458	78
17	MP2B	Z	11.234	78
18	MP2B	Mx	-.011	78
19	MP2C	X	-26.294	18
20	MP2C	Z	15.181	18
21	MP2C	Mx	-.008	18
22	MP2C	X	-26.294	78
23	MP2C	Z	15.181	78
24	MP2C	Mx	-.008	78
25	MP2A	X	-24.807	18
26	MP2A	Z	14.322	18
27	MP2A	Mx	-.004	18
28	MP2A	X	-24.807	78
29	MP2A	Z	14.322	78
30	MP2A	Mx	-.004	78
31	MP2B	X	-19.458	18
32	MP2B	Z	11.234	18
33	MP2B	Mx	-.011	18
34	MP2B	X	-19.458	78
35	MP2B	Z	11.234	78
36	MP2B	Mx	-.011	78
37	MP2C	X	-26.294	18
38	MP2C	Z	15.181	18
39	MP2C	Mx	.023	18
40	MP2C	X	-26.294	78
41	MP2C	Z	15.181	78
42	MP2C	Mx	.023	78
43	MP5A	X	-17.908	3
44	MP5A	Z	10.339	3
45	MP5A	Mx	.005	3
46	MP5A	X	-17.908	69
47	MP5A	Z	10.339	69
48	MP5A	Mx	.005	69
49	MP5B	X	-15.212	3
50	MP5B	Z	8.782	3
51	MP5B	Mx	-.009	3
52	MP5B	X	-15.212	69
53	MP5B	Z	8.782	69
54	MP5B	Mx	-.009	69
55	MP4A	X	-5.925	46.2
56	MP4A	Z	3.421	46.2
57	MP4A	Mx	.002	46.2
58	MP4B	X	-4.049	46.2
59	MP4B	Z	2.337	46.2
60	MP4B	Mx	-.002	46.2
61	MP4C	X	-6.447	46.2
62	MP4C	Z	3.722	46.2
63	MP4C	Mx	.002	46.2
64	MP2A	X	-9.835	48
65	MP2A	Z	5.678	48





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
66	MP2A	Mx	-.003	48
67	MP2B	X	-9.835	48
68	MP2B	Z	5.678	48
69	MP2B	Mx	.003	48
70	MP2C	X	-12.76	48
71	MP2C	Z	7.367	48
72	MP2C	Mx	0	48
73	MP3C	X	-12.76	21
74	MP3C	Z	7.367	21
75	MP3C	Mx	0	21
76	MP4A	X	-8.723	57
77	MP4A	Z	5.036	57
78	MP4A	Mx	-.003	57
79	MP4B	X	-8.723	57
80	MP4B	Z	5.036	57
81	MP4B	Mx	.003	57
82	MP3A	X	-2.49	12
83	MP3A	Z	1.438	12
84	MP3A	Mx	-.000415	12
85	MP3B	X	-2.49	12
86	MP3B	Z	1.438	12
87	MP3B	Mx	.000415	12
88	MP3A	X	-2.49	12
89	MP3A	Z	1.438	12
90	MP3A	Mx	-.001	12
91	MP3B	X	-2.49	12
92	MP3B	Z	1.438	12
93	MP3B	Mx	.001	12
94	MP4A	X	-23.136	12
95	MP4A	Z	13.357	12
96	MP4A	Mx	.009	12
97	MP4B	X	-12.881	12
98	MP4B	Z	7.437	12
99	MP4B	Mx	-.007	12
100	MP4C	X	-25.987	12
101	MP4C	Z	15.004	12
102	MP4C	Mx	.008	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
1	MP5C	X	-26.61	3
2	MP5C	Z	0	3
3	MP5C	Mx	0	3
4	MP5C	X	-26.61	69
5	MP5C	Z	0	69
6	MP5C	Mx	0	69
7	MP2A	X	-23.7	18
8	MP2A	Z	0	18
9	MP2A	Mx	.016	18
10	MP2A	X	-23.7	78
11	MP2A	Z	0	78
12	MP2A	Mx	.016	78
13	MP2B	X	-25.1	18
14	MP2B	Z	0	18
15	MP2B	Mx	-.004	18
16	MP2B	X	-25.1	78



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
17	MP2B	Z	0	78
18	MP2B	Mx	-.004	78
19	MP2C	X	-32.993	18
20	MP2C	Z	0	18
21	MP2C	Mx	-.019	18
22	MP2C	X	-32.993	78
23	MP2C	Z	0	78
24	MP2C	Mx	-.019	78
25	MP2A	X	-23.7	18
26	MP2A	Z	0	18
27	MP2A	Mx	.006	18
28	MP2A	X	-23.7	78
29	MP2A	Z	0	78
30	MP2A	Mx	.006	78
31	MP2B	X	-25.1	18
32	MP2B	Z	0	18
33	MP2B	Mx	-.018	18
34	MP2B	X	-25.1	78
35	MP2B	Z	0	78
36	MP2B	Mx	-.018	78
37	MP2C	X	-32.993	18
38	MP2C	Z	0	18
39	MP2C	Mx	.019	18
40	MP2C	X	-32.993	78
41	MP2C	Z	0	78
42	MP2C	Mx	.019	78
43	MP5A	X	-18.603	3
44	MP5A	Z	0	3
45	MP5A	Mx	.008	3
46	MP5A	X	-18.603	69
47	MP5A	Z	0	69
48	MP5A	Mx	.008	69
49	MP5B	X	-18.603	3
50	MP5B	Z	0	3
51	MP5B	Mx	-.008	3
52	MP5B	X	-18.603	69
53	MP5B	Z	0	69
54	MP5B	Mx	-.008	69
55	MP4A	X	-5.107	46.2
56	MP4A	Z	0	46.2
57	MP4A	Mx	.002	46.2
58	MP4B	X	-5.598	46.2
59	MP4B	Z	0	46.2
60	MP4B	Mx	-.002	46.2
61	MP4C	X	-8.368	46.2
62	MP4C	Z	0	46.2
63	MP4C	Mx	0	46.2
64	MP2A	X	-10.23	48
65	MP2A	Z	0	48
66	MP2A	Mx	-.003	48
67	MP2B	X	-13.608	48
68	MP2B	Z	0	48
69	MP2B	Mx	.002	48
70	MP2C	X	-13.608	48
71	MP2C	Z	0	48
72	MP2C	Mx	.002	48
73	MP3C	X	-13.18	21



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
74	MP3C	Z	0	21
75	MP3C	Mx	.002	21
76	MP4A	X	-8.519	57
77	MP4A	Z	0	57
78	MP4A	Mx	-.003	57
79	MP4B	X	-13.18	57
80	MP4B	Z	0	57
81	MP4B	Mx	.002	57
82	MP3A	X	-2.652	12
83	MP3A	Z	0	12
84	MP3A	Mx	-.000442	12
85	MP3B	X	-3.322	12
86	MP3B	Z	0	12
87	MP3B	Mx	.000277	12
88	MP3A	X	-2.652	12
89	MP3A	Z	0	12
90	MP3A	Mx	-.001	12
91	MP3B	X	-3.322	12
92	MP3B	Z	0	12
93	MP3B	Mx	.000831	12
94	MP4A	X	-17.234	12
95	MP4A	Z	0	12
96	MP4A	Mx	.008	12
97	MP4B	X	-19.918	12
98	MP4B	Z	0	12
99	MP4B	Mx	-.009	12
100	MP4C	X	-35.053	12
101	MP4C	Z	0	12
102	MP4C	Mx	0	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
1	MP5C	X	-20.685	3
2	MP5C	Z	-11.943	3
3	MP5C	Mx	-.006	3
4	MP5C	X	-20.685	69
5	MP5C	Z	-11.943	69
6	MP5C	Mx	-.006	69
7	MP2A	X	-19.733	18
8	MP2A	Z	-11.393	18
9	MP2A	Mx	.009	18
10	MP2A	X	-19.733	78
11	MP2A	Z	-11.393	78
12	MP2A	Mx	.009	78
13	MP2B	X	-26.294	18
14	MP2B	Z	-15.181	18
15	MP2B	Mx	.008	18
16	MP2B	X	-26.294	78
17	MP2B	Z	-15.181	78
18	MP2B	Mx	.008	78
19	MP2C	X	-26.294	18
20	MP2C	Z	-15.181	18
21	MP2C	Mx	-.023	18
22	MP2C	X	-26.294	78
23	MP2C	Z	-15.181	78
24	MP2C	Mx	-.023	78



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
25	MP2A	X	-19.733	18
26	MP2A	Z	-11.393	18
27	MP2A	Mx	.014	18
28	MP2A	X	-19.733	78
29	MP2A	Z	-11.393	78
30	MP2A	Mx	.014	78
31	MP2B	X	-26.294	18
32	MP2B	Z	-15.181	18
33	MP2B	Mx	-.023	18
34	MP2B	X	-26.294	78
35	MP2B	Z	-15.181	78
36	MP2B	Mx	-.023	78
37	MP2C	X	-26.294	18
38	MP2C	Z	-15.181	18
39	MP2C	Mx	.008	18
40	MP2C	X	-26.294	78
41	MP2C	Z	-15.181	78
42	MP2C	Mx	.008	78
43	MP5A	X	-15.212	3
44	MP5A	Z	-8.782	3
45	MP5A	Mx	.009	3
46	MP5A	X	-15.212	69
47	MP5A	Z	-8.782	69
48	MP5A	Mx	.009	69
49	MP5B	X	-17.908	3
50	MP5B	Z	-10.339	3
51	MP5B	Mx	-.005	3
52	MP5B	X	-17.908	69
53	MP5B	Z	-10.339	69
54	MP5B	Mx	-.005	69
55	MP4A	X	-4.145	46.2
56	MP4A	Z	-2.393	46.2
57	MP4A	Mx	.002	46.2
58	MP4B	X	-6.447	46.2
59	MP4B	Z	-3.722	46.2
60	MP4B	Mx	-.002	46.2
61	MP4C	X	-6.447	46.2
62	MP4C	Z	-3.722	46.2
63	MP4C	Mx	-.002	46.2
64	MP2A	X	-9.835	48
65	MP2A	Z	-5.678	48
66	MP2A	Mx	-.003	48
67	MP2B	X	-12.76	48
68	MP2B	Z	-7.367	48
69	MP2B	Mx	0	48
70	MP2C	X	-9.835	48
71	MP2C	Z	-5.678	48
72	MP2C	Mx	.003	48
73	MP3C	X	-8.723	21
74	MP3C	Z	-5.036	21
75	MP3C	Mx	.003	21
76	MP4A	X	-8.723	57
77	MP4A	Z	-5.036	57
78	MP4A	Mx	-.003	57
79	MP4B	X	-12.76	57
80	MP4B	Z	-7.367	57
81	MP4B	Mx	0	57



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
82	MP3A	X	-2.49	12
83	MP3A	Z	-1.438	12
84	MP3A	Mx	-.000415	12
85	MP3B	X	-3.07	12
86	MP3B	Z	-1.772	12
87	MP3B	Mx	0	12
88	MP3A	X	-2.49	12
89	MP3A	Z	-1.438	12
90	MP3A	Mx	-.001	12
91	MP3B	X	-3.07	12
92	MP3B	Z	-1.772	12
93	MP3B	Mx	0	12
94	MP4A	X	-13.408	12
95	MP4A	Z	-7.741	12
96	MP4A	Mx	.008	12
97	MP4B	X	-25.987	12
98	MP4B	Z	-15.004	12
99	MP4B	Mx	-.008	12
100	MP4C	X	-25.987	12
101	MP4C	Z	-15.004	12
102	MP4C	Mx	-.008	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
1	MP5C	X	-9.218	3
2	MP5C	Z	-15.966	3
3	MP5C	Mx	-.008	3
4	MP5C	X	-9.218	69
5	MP5C	Z	-15.966	69
6	MP5C	Mx	-.008	69
7	MP2A	X	-13.408	18
8	MP2A	Z	-23.224	18
9	MP2A	Mx	.000216	18
10	MP2A	X	-13.408	78
11	MP2A	Z	-23.224	78
12	MP2A	Mx	.000216	78
13	MP2B	X	-16.496	18
14	MP2B	Z	-28.572	18
15	MP2B	Mx	.019	18
16	MP2B	X	-16.496	78
17	MP2B	Z	-28.572	78
18	MP2B	Mx	.019	78
19	MP2C	X	-12.55	18
20	MP2C	Z	-21.737	18
21	MP2C	Mx	-.018	18
22	MP2C	X	-12.55	78
23	MP2C	Z	-21.737	78
24	MP2C	Mx	-.018	78
25	MP2A	X	-13.408	18
26	MP2A	Z	-23.224	18
27	MP2A	Mx	.02	18
28	MP2A	X	-13.408	78
29	MP2A	Z	-23.224	78
30	MP2A	Mx	.02	78
31	MP2B	X	-16.496	18
32	MP2B	Z	-28.572	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
33	MP2B	Mx	-.019	18
34	MP2B	X	-16.496	78
35	MP2B	Z	-28.572	78
36	MP2B	Mx	-.019	78
37	MP2C	X	-12.55	18
38	MP2C	Z	-21.737	18
39	MP2C	Mx	-.004	18
40	MP2C	X	-12.55	78
41	MP2C	Z	-21.737	78
42	MP2C	Mx	-.004	78
43	MP5A	X	-9.301	3
44	MP5A	Z	-16.111	3
45	MP5A	Mx	.008	3
46	MP5A	X	-9.301	69
47	MP5A	Z	-16.111	69
48	MP5A	Mx	.008	69
49	MP5B	X	-10.858	3
50	MP5B	Z	-18.807	3
51	MP5B	Mx	0	3
52	MP5B	X	-10.858	69
53	MP5B	Z	-18.807	69
54	MP5B	Mx	0	69
55	MP4A	X	-3.1	46.2
56	MP4A	Z	-5.37	46.2
57	MP4A	Mx	.002	46.2
58	MP4B	X	-4.184	46.2
59	MP4B	Z	-7.247	46.2
60	MP4B	Mx	0	46.2
61	MP4C	X	-2.799	46.2
62	MP4C	Z	-4.848	46.2
63	MP4C	Mx	-.002	46.2
64	MP2A	X	-6.804	48
65	MP2A	Z	-11.785	48
66	MP2A	Mx	-.002	48
67	MP2B	X	-6.804	48
68	MP2B	Z	-11.785	48
69	MP2B	Mx	-.002	48
70	MP2C	X	-5.115	48
71	MP2C	Z	-8.86	48
72	MP2C	Mx	.003	48
73	MP3C	X	-4.26	21
74	MP3C	Z	-7.378	21
75	MP3C	Mx	.003	21
76	MP4A	X	-6.59	57
77	MP4A	Z	-11.415	57
78	MP4A	Mx	-.002	57
79	MP4B	X	-6.59	57
80	MP4B	Z	-11.415	57
81	MP4B	Mx	-.002	57
82	MP3A	X	-1.661	12
83	MP3A	Z	-2.877	12
84	MP3A	Mx	-.000277	12
85	MP3B	X	-1.661	12
86	MP3B	Z	-2.877	12
87	MP3B	Mx	-.000277	12
88	MP3A	X	-1.661	12
89	MP3A	Z	-2.877	12



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
90	MP3A	Mx	-0.00831	12
91	MP3B	X	-1.661	12
92	MP3B	Z	-2.877	12
93	MP3B	Mx	-0.00831	12
94	MP4A	X	-11.605	12
95	MP4A	Z	-20.101	12
96	MP4A	Mx	.009	12
97	MP4B	X	-17.526	12
98	MP4B	Z	-30.356	12
99	MP4B	Mx	0	12
100	MP4C	X	-9.959	12
101	MP4C	Z	-17.25	12
102	MP4C	Mx	-.009	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
1	MP5C	X	0	3
2	MP5C	Z	-4.821	3
3	MP5C	Mx	-.002	3
4	MP5C	X	0	69
5	MP5C	Z	-4.821	69
6	MP5C	Mx	-.002	69
7	MP2A	X	0	18
8	MP2A	Z	-10.447	18
9	MP2A	Mx	-.004	18
10	MP2A	X	0	78
11	MP2A	Z	-10.447	78
12	MP2A	Mx	-.004	78
13	MP2B	X	0	18
14	MP2B	Z	-9.95	18
15	MP2B	Mx	.008	18
16	MP2B	X	0	78
17	MP2B	Z	-9.95	78
18	MP2B	Mx	.008	78
19	MP2C	X	0	18
20	MP2C	Z	-7.148	18
21	MP2C	Mx	-.004	18
22	MP2C	X	0	78
23	MP2C	Z	-7.148	78
24	MP2C	Mx	-.004	78
25	MP2A	X	0	18
26	MP2A	Z	-10.447	18
27	MP2A	Mx	.008	18
28	MP2A	X	0	78
29	MP2A	Z	-10.447	78
30	MP2A	Mx	.008	78
31	MP2B	X	0	18
32	MP2B	Z	-9.95	18
33	MP2B	Mx	-.003	18
34	MP2B	X	0	78
35	MP2B	Z	-9.95	78
36	MP2B	Mx	-.003	78
37	MP2C	X	0	18
38	MP2C	Z	-7.148	18
39	MP2C	Mx	-.004	18
40	MP2C	X	0	78



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]	
41	MP2C	Z	-7.148	78
42	MP2C	Mx	-.004	78
43	MP5A	X	0	3
44	MP5A	Z	-6.523	3
45	MP5A	Mx	.002	3
46	MP5A	X	0	69
47	MP5A	Z	-6.523	69
48	MP5A	Mx	.002	69
49	MP5B	X	0	3
50	MP5B	Z	-6.523	3
51	MP5B	Mx	.002	3
52	MP5B	X	0	69
53	MP5B	Z	-6.523	69
54	MP5B	Mx	.002	69
55	MP4A	X	0	46.2
56	MP4A	Z	-2.25	46.2
57	MP4A	Mx	.000385	46.2
58	MP4B	X	0	46.2
59	MP4B	Z	-2.091	46.2
60	MP4B	Mx	.000523	46.2
61	MP4C	X	0	46.2
62	MP4C	Z	-1.197	46.2
63	MP4C	Mx	-.000599	46.2
64	MP2A	X	0	48
65	MP2A	Z	-4.468	48
66	MP2A	Mx	0	48
67	MP2B	X	0	48
68	MP2B	Z	-3.357	48
69	MP2B	Mx	-.000969	48
70	MP2C	X	0	48
71	MP2C	Z	-3.357	48
72	MP2C	Mx	.000969	48
73	MP3C	X	0	21
74	MP3C	Z	-2.931	21
75	MP3C	Mx	.000846	21
76	MP4A	X	0	57
77	MP4A	Z	-4.468	57
78	MP4A	Mx	0	57
79	MP4B	X	0	57
80	MP4B	Z	-2.931	57
81	MP4B	Mx	-.000846	57
82	MP3A	X	0	12
83	MP3A	Z	-.884	12
84	MP3A	Mx	0	12
85	MP3B	X	0	12
86	MP3B	Z	-.68	12
87	MP3B	Mx	-9.8e-5	12
88	MP3A	X	0	12
89	MP3A	Z	-.884	12
90	MP3A	Mx	0	12
91	MP3B	X	0	12
92	MP3B	Z	-.68	12
93	MP3B	Mx	-.000294	12
94	MP4A	X	0	12
95	MP4A	Z	-10.431	12
96	MP4A	Mx	.002	12
97	MP4B	X	0	12





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
98	MP4B	Z	-9.522	12
99	MP4B	Mx	.002	12
100	MP4C	X	0	12
101	MP4C	Z	-4.397	12
102	MP4C	Mx	-.002	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
1	MP5C	X	2.892	3
2	MP5C	Z	-5.009	3
3	MP5C	Mx	-.003	3
4	MP5C	X	2.892	69
5	MP5C	Z	-5.009	69
6	MP5C	Mx	-.003	69
7	MP2A	X	5.385	18
8	MP2A	Z	-9.328	18
9	MP2A	Mx	-.007	18
10	MP2A	X	5.385	78
11	MP2A	Z	-9.328	78
12	MP2A	Mx	-.007	78
13	MP2B	X	4.041	18
14	MP2B	Z	-6.999	18
15	MP2B	Mx	.006	18
16	MP2B	X	4.041	78
17	MP2B	Z	-6.999	78
18	MP2B	Mx	.006	78
19	MP2C	X	4.041	18
20	MP2C	Z	-6.999	18
21	MP2C	Mx	-.001	18
22	MP2C	X	4.041	78
23	MP2C	Z	-6.999	78
24	MP2C	Mx	-.001	78
25	MP2A	X	5.385	18
26	MP2A	Z	-9.328	18
27	MP2A	Mx	.005	18
28	MP2A	X	5.385	78
29	MP2A	Z	-9.328	78
30	MP2A	Mx	.005	78
31	MP2B	X	4.041	18
32	MP2B	Z	-6.999	18
33	MP2B	Mx	.001	18
34	MP2B	X	4.041	78
35	MP2B	Z	-6.999	78
36	MP2B	Mx	.001	78
37	MP2C	X	4.041	18
38	MP2C	Z	-6.999	18
39	MP2C	Mx	-.006	18
40	MP2C	X	4.041	78
41	MP2C	Z	-6.999	78
42	MP2C	Mx	-.006	78
43	MP5A	X	3.441	3
44	MP5A	Z	-5.959	3
45	MP5A	Mx	0	3
46	MP5A	X	3.441	69
47	MP5A	Z	-5.959	69
48	MP5A	Mx	0	69



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
49	MP5B	X	2.903	3
50	MP5B	Z	-5.029	3
51	MP5B	Mx	.003	3
52	MP5B	X	2.903	69
53	MP5B	Z	-5.029	69
54	MP5B	Mx	.003	69
55	MP4A	X	1.177	46.2
56	MP4A	Z	-2.038	46.2
57	MP4A	Mx	-.000204	46.2
58	MP4B	X	.748	46.2
59	MP4B	Z	-1.295	46.2
60	MP4B	Mx	.000648	46.2
61	MP4C	X	.748	46.2
62	MP4C	Z	-1.295	46.2
63	MP4C	Mx	-.000648	46.2
64	MP2A	X	2.049	48
65	MP2A	Z	-3.549	48
66	MP2A	Mx	.000683	48
67	MP2B	X	1.493	48
68	MP2B	Z	-2.587	48
69	MP2B	Mx	-.000996	48
70	MP2C	X	2.049	48
71	MP2C	Z	-3.549	48
72	MP2C	Mx	.000683	48
73	MP3C	X	1.978	21
74	MP3C	Z	-3.426	21
75	MP3C	Mx	.000659	21
76	MP4A	X	1.978	57
77	MP4A	Z	-3.426	57
78	MP4A	Mx	.000659	57
79	MP4B	X	1.21	57
80	MP4B	Z	-2.095	57
81	MP4B	Mx	-.000806	57
82	MP3A	X	.408	12
83	MP3A	Z	-.707	12
84	MP3A	Mx	6.8e-5	12
85	MP3B	X	.306	12
86	MP3B	Z	-.53	12
87	MP3B	Mx	-.000102	12
88	MP3A	X	.408	12
89	MP3A	Z	-.707	12
90	MP3A	Mx	.000204	12
91	MP3B	X	.306	12
92	MP3B	Z	-.53	12
93	MP3B	Mx	-.000306	12
94	MP4A	X	5.512	12
95	MP4A	Z	-9.547	12
96	MP4A	Mx	-.000957	12
97	MP4B	X	3.052	12
98	MP4B	Z	-5.287	12
99	MP4B	Mx	.003	12
100	MP4C	X	3.052	12
101	MP4C	Z	-5.287	12
102	MP4C	Mx	-.003	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
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**Member Point Loads (BLC 29 : Antenna Wm (60 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
1	MP5C	X	6.677	3
2	MP5C	Z	-3.855	3
3	MP5C	Mx	-.002	3
4	MP5C	X	6.677	69
5	MP5C	Z	-3.855	69
6	MP5C	Mx	-.002	69
7	MP2A	X	8.089	18
8	MP2A	Z	-4.67	18
9	MP2A	Mx	-.007	18
10	MP2A	X	8.089	78
11	MP2A	Z	-4.67	78
12	MP2A	Mx	-.007	78
13	MP2B	X	6.19	18
14	MP2B	Z	-3.574	18
15	MP2B	Mx	.004	18
16	MP2B	X	6.19	78
17	MP2B	Z	-3.574	78
18	MP2B	Mx	.004	78
19	MP2C	X	8.617	18
20	MP2C	Z	-4.975	18
21	MP2C	Mx	.003	18
22	MP2C	X	8.617	78
23	MP2C	Z	-4.975	78
24	MP2C	Mx	.003	78
25	MP2A	X	8.089	18
26	MP2A	Z	-4.67	18
27	MP2A	Mx	.001	18
28	MP2A	X	8.089	78
29	MP2A	Z	-4.67	78
30	MP2A	Mx	.001	78
31	MP2B	X	6.19	18
32	MP2B	Z	-3.574	18
33	MP2B	Mx	.004	18
34	MP2B	X	6.19	78
35	MP2B	Z	-3.574	78
36	MP2B	Mx	.004	78
37	MP2C	X	8.617	18
38	MP2C	Z	-4.975	18
39	MP2C	Mx	-.008	18
40	MP2C	X	8.617	78
41	MP2C	Z	-4.975	78
42	MP2C	Mx	-.008	78
43	MP5A	X	5.649	3
44	MP5A	Z	-3.262	3
45	MP5A	Mx	-.002	3
46	MP5A	X	5.649	69
47	MP5A	Z	-3.262	69
48	MP5A	Mx	-.002	69
49	MP5B	X	4.719	3
50	MP5B	Z	-2.724	3
51	MP5B	Mx	.003	3
52	MP5B	X	4.719	69
53	MP5B	Z	-2.724	69
54	MP5B	Mx	.003	69
55	MP4A	X	1.643	46.2
56	MP4A	Z	-.948	46.2
57	MP4A	Mx	-.00061	46.2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in. %]
58	MP4B	X	1.037	46.2
59	MP4B	Z	-.599	46.2
60	MP4B	Mx	.000599	46.2
61	MP4C	X	1.811	46.2
62	MP4C	Z	-1.046	46.2
63	MP4C	Mx	-.000523	46.2
64	MP2A	X	2.907	48
65	MP2A	Z	-1.679	48
66	MP2A	Mx	.000969	48
67	MP2B	X	2.907	48
68	MP2B	Z	-1.679	48
69	MP2B	Mx	-.000969	48
70	MP2C	X	3.869	48
71	MP2C	Z	-2.234	48
72	MP2C	Mx	0	48
73	MP3C	X	3.869	21
74	MP3C	Z	-2.234	21
75	MP3C	Mx	0	21
76	MP4A	X	2.539	57
77	MP4A	Z	-1.466	57
78	MP4A	Mx	.000846	57
79	MP4B	X	2.539	57
80	MP4B	Z	-1.466	57
81	MP4B	Mx	-.000846	57
82	MP3A	X	.589	12
83	MP3A	Z	-.34	12
84	MP3A	Mx	9.8e-5	12
85	MP3B	X	.589	12
86	MP3B	Z	-.34	12
87	MP3B	Mx	-9.8e-5	12
88	MP3A	X	.589	12
89	MP3A	Z	-.34	12
90	MP3A	Mx	.000294	12
91	MP3B	X	.589	12
92	MP3B	Z	-.34	12
93	MP3B	Mx	-.000294	12
94	MP4A	X	7.28	12
95	MP4A	Z	-4.203	12
96	MP4A	Mx	-.003	12
97	MP4B	X	3.807	12
98	MP4B	Z	-2.198	12
99	MP4B	Mx	.002	12
100	MP4C	X	8.246	12
101	MP4C	Z	-4.761	12
102	MP4C	Mx	-.002	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in. %]
1	MP5C	X	8.673	3
2	MP5C	Z	0	3
3	MP5C	Mx	0	3
4	MP5C	X	8.673	69
5	MP5C	Z	0	69
6	MP5C	Mx	0	69
7	MP2A	X	7.585	18
8	MP2A	Z	0	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in. %]
9	MP2A	Mx	-.005	18
10	MP2A	X	7.585	78
11	MP2A	Z	0	78
12	MP2A	Mx	-.005	78
13	MP2B	X	8.082	18
14	MP2B	Z	0	18
15	MP2B	Mx	.001	18
16	MP2B	X	8.082	78
17	MP2B	Z	0	78
18	MP2B	Mx	.001	78
19	MP2C	X	10.884	18
20	MP2C	Z	0	18
21	MP2C	Mx	.006	18
22	MP2C	X	10.884	78
23	MP2C	Z	0	78
24	MP2C	Mx	.006	78
25	MP2A	X	7.585	18
26	MP2A	Z	0	18
27	MP2A	Mx	-.002	18
28	MP2A	X	7.585	78
29	MP2A	Z	0	78
30	MP2A	Mx	-.002	78
31	MP2B	X	8.082	18
32	MP2B	Z	0	18
33	MP2B	Mx	.006	18
34	MP2B	X	8.082	78
35	MP2B	Z	0	78
36	MP2B	Mx	.006	78
37	MP2C	X	10.884	18
38	MP2C	Z	0	18
39	MP2C	Mx	-.006	18
40	MP2C	X	10.884	78
41	MP2C	Z	0	78
42	MP2C	Mx	-.006	78
43	MP5A	X	5.807	3
44	MP5A	Z	0	3
45	MP5A	Mx	-.003	3
46	MP5A	X	5.807	69
47	MP5A	Z	0	69
48	MP5A	Mx	-.003	69
49	MP5B	X	5.807	3
50	MP5B	Z	0	3
51	MP5B	Mx	.003	3
52	MP5B	X	5.807	69
53	MP5B	Z	0	69
54	MP5B	Mx	.003	69
55	MP4A	X	1.337	46.2
56	MP4A	Z	0	46.2
57	MP4A	Mx	-.000628	46.2
58	MP4B	X	1.495	46.2
59	MP4B	Z	0	46.2
60	MP4B	Mx	.000647	46.2
61	MP4C	X	2.389	46.2
62	MP4C	Z	0	46.2
63	MP4C	Mx	0	46.2
64	MP2A	X	2.987	48
65	MP2A	Z	0	48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
66	MP2A	Mx	.000996	48
67	MP2B	X	4.098	48
68	MP2B	Z	0	48
69	MP2B	Mx	-.000683	48
70	MP2C	X	4.098	48
71	MP2C	Z	0	48
72	MP2C	Mx	-.000683	48
73	MP3C	X	3.956	21
74	MP3C	Z	0	21
75	MP3C	Mx	-.000659	21
76	MP4A	X	2.419	57
77	MP4A	Z	0	57
78	MP4A	Mx	.000806	57
79	MP4B	X	3.956	57
80	MP4B	Z	0	57
81	MP4B	Mx	-.000659	57
82	MP3A	X	.612	12
83	MP3A	Z	0	12
84	MP3A	Mx	.000102	12
85	MP3B	X	.816	12
86	MP3B	Z	0	12
87	MP3B	Mx	-6.8e-5	12
88	MP3A	X	.612	12
89	MP3A	Z	0	12
90	MP3A	Mx	.000306	12
91	MP3B	X	.816	12
92	MP3B	Z	0	12
93	MP3B	Mx	-.000204	12
94	MP4A	X	5.196	12
95	MP4A	Z	0	12
96	MP4A	Mx	-.002	12
97	MP4B	X	6.105	12
98	MP4B	Z	0	12
99	MP4B	Mx	.003	12
100	MP4C	X	11.23	12
101	MP4C	Z	0	12
102	MP4C	Mx	0	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
1	MP5C	X	6.677	3
2	MP5C	Z	3.855	3
3	MP5C	Mx	.002	3
4	MP5C	X	6.677	69
5	MP5C	Z	3.855	69
6	MP5C	Mx	.002	69
7	MP2A	X	6.288	18
8	MP2A	Z	3.63	18
9	MP2A	Mx	-.003	18
10	MP2A	X	6.288	78
11	MP2A	Z	3.63	78
12	MP2A	Mx	-.003	78
13	MP2B	X	8.617	18
14	MP2B	Z	4.975	18
15	MP2B	Mx	-.003	18
16	MP2B	X	8.617	78



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
17	MP2B	Z	4.975	78
18	MP2B	Mx	-.003	78
19	MP2C	X	8.617	18
20	MP2C	Z	4.975	18
21	MP2C	Mx	.008	18
22	MP2C	X	8.617	78
23	MP2C	Z	4.975	78
24	MP2C	Mx	.008	78
25	MP2A	X	6.288	18
26	MP2A	Z	3.63	18
27	MP2A	Mx	-.004	18
28	MP2A	X	6.288	78
29	MP2A	Z	3.63	78
30	MP2A	Mx	-.004	78
31	MP2B	X	8.617	18
32	MP2B	Z	4.975	18
33	MP2B	Mx	.008	18
34	MP2B	X	8.617	78
35	MP2B	Z	4.975	78
36	MP2B	Mx	.008	78
37	MP2C	X	8.617	18
38	MP2C	Z	4.975	18
39	MP2C	Mx	-.003	18
40	MP2C	X	8.617	78
41	MP2C	Z	4.975	78
42	MP2C	Mx	-.003	78
43	MP5A	X	4.719	3
44	MP5A	Z	2.724	3
45	MP5A	Mx	-.003	3
46	MP5A	X	4.719	69
47	MP5A	Z	2.724	69
48	MP5A	Mx	-.003	69
49	MP5B	X	5.649	3
50	MP5B	Z	3.262	3
51	MP5B	Mx	.002	3
52	MP5B	X	5.649	69
53	MP5B	Z	3.262	69
54	MP5B	Mx	.002	69
55	MP4A	X	1.068	46.2
56	MP4A	Z	.617	46.2
57	MP4A	Mx	-.000607	46.2
58	MP4B	X	1.811	46.2
59	MP4B	Z	1.046	46.2
60	MP4B	Mx	.000523	46.2
61	MP4C	X	1.811	46.2
62	MP4C	Z	1.046	46.2
63	MP4C	Mx	.000523	46.2
64	MP2A	X	2.907	48
65	MP2A	Z	1.679	48
66	MP2A	Mx	.000969	48
67	MP2B	X	3.869	48
68	MP2B	Z	2.234	48
69	MP2B	Mx	0	48
70	MP2C	X	2.907	48
71	MP2C	Z	1.679	48
72	MP2C	Mx	-.000969	48
73	MP3C	X	2.539	21



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
74	MP3C	Z	1.466	21
75	MP3C	Mx	-.000846	21
76	MP4A	X	2.539	57
77	MP4A	Z	1.466	57
78	MP4A	Mx	.000846	57
79	MP4B	X	3.869	57
80	MP4B	Z	2.234	57
81	MP4B	Mx	0	57
82	MP3A	X	.589	12
83	MP3A	Z	.34	12
84	MP3A	Mx	9.8e-5	12
85	MP3B	X	.766	12
86	MP3B	Z	.442	12
87	MP3B	Mx	0	12
88	MP3A	X	.589	12
89	MP3A	Z	.34	12
90	MP3A	Mx	.000294	12
91	MP3B	X	.766	12
92	MP3B	Z	.442	12
93	MP3B	Mx	0	12
94	MP4A	X	3.986	12
95	MP4A	Z	2.301	12
96	MP4A	Mx	-.002	12
97	MP4B	X	8.246	12
98	MP4B	Z	4.761	12
99	MP4B	Mx	.002	12
100	MP4C	X	8.246	12
101	MP4C	Z	4.761	12
102	MP4C	Mx	.002	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
1	MP5C	X	2.892	3
2	MP5C	Z	5.009	3
3	MP5C	Mx	.003	3
4	MP5C	X	2.892	69
5	MP5C	Z	5.009	69
6	MP5C	Mx	.003	69
7	MP2A	X	4.346	18
8	MP2A	Z	7.527	18
9	MP2A	Mx	-7e-5	18
10	MP2A	X	4.346	78
11	MP2A	Z	7.527	78
12	MP2A	Mx	-7e-5	78
13	MP2B	X	5.442	18
14	MP2B	Z	9.425	18
15	MP2B	Mx	-.006	18
16	MP2B	X	5.442	78
17	MP2B	Z	9.425	78
18	MP2B	Mx	-.006	78
19	MP2C	X	4.041	18
20	MP2C	Z	6.999	18
21	MP2C	Mx	.006	18
22	MP2C	X	4.041	78
23	MP2C	Z	6.999	78
24	MP2C	Mx	.006	78





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in. %]
25	MP2A	X	4.346	18
26	MP2A	Z	7.527	18
27	MP2A	Mx	-.007	18
28	MP2A	X	4.346	78
29	MP2A	Z	7.527	78
30	MP2A	Mx	-.007	78
31	MP2B	X	5.442	18
32	MP2B	Z	9.425	18
33	MP2B	Mx	.006	18
34	MP2B	X	5.442	78
35	MP2B	Z	9.425	78
36	MP2B	Mx	.006	78
37	MP2C	X	4.041	18
38	MP2C	Z	6.999	18
39	MP2C	Mx	.001	18
40	MP2C	X	4.041	78
41	MP2C	Z	6.999	78
42	MP2C	Mx	.001	78
43	MP5A	X	2.903	3
44	MP5A	Z	5.029	3
45	MP5A	Mx	-.003	3
46	MP5A	X	2.903	69
47	MP5A	Z	5.029	69
48	MP5A	Mx	-.003	69
49	MP5B	X	3.441	3
50	MP5B	Z	5.959	3
51	MP5B	Mx	0	3
52	MP5B	X	3.441	69
53	MP5B	Z	5.959	69
54	MP5B	Mx	0	69
55	MP4A	X	.845	46.2
56	MP4A	Z	1.463	46.2
57	MP4A	Mx	-.000647	46.2
58	MP4B	X	1.195	46.2
59	MP4B	Z	2.069	46.2
60	MP4B	Mx	0	46.2
61	MP4C	X	.748	46.2
62	MP4C	Z	1.295	46.2
63	MP4C	Mx	.000648	46.2
64	MP2A	X	2.049	48
65	MP2A	Z	3.549	48
66	MP2A	Mx	.000683	48
67	MP2B	X	2.049	48
68	MP2B	Z	3.549	48
69	MP2B	Mx	.000683	48
70	MP2C	X	1.493	48
71	MP2C	Z	2.587	48
72	MP2C	Mx	-.000996	48
73	MP3C	X	1.21	21
74	MP3C	Z	2.095	21
75	MP3C	Mx	-.000806	21
76	MP4A	X	1.978	57
77	MP4A	Z	3.426	57
78	MP4A	Mx	.000659	57
79	MP4B	X	1.978	57
80	MP4B	Z	3.426	57
81	MP4B	Mx	.000659	57



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
82	MP3A	X	.408	12
83	MP3A	Z	.707	12
84	MP3A	Mx	6.8e-5	12
85	MP3B	X	.408	12
86	MP3B	Z	.707	12
87	MP3B	Mx	6.8e-5	12
88	MP3A	X	.408	12
89	MP3A	Z	.707	12
90	MP3A	Mx	.000204	12
91	MP3B	X	.408	12
92	MP3B	Z	.707	12
93	MP3B	Mx	.000204	12
94	MP4A	X	3.61	12
95	MP4A	Z	6.253	12
96	MP4A	Mx	-.003	12
97	MP4B	X	5.615	12
98	MP4B	Z	9.725	12
99	MP4B	Mx	0	12
100	MP4C	X	3.052	12
101	MP4C	Z	5.287	12
102	MP4C	Mx	.003	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
1	MP5C	X	0	3
2	MP5C	Z	4.821	3
3	MP5C	Mx	.002	3
4	MP5C	X	0	69
5	MP5C	Z	4.821	69
6	MP5C	Mx	.002	69
7	MP2A	X	0	18
8	MP2A	Z	10.447	18
9	MP2A	Mx	.004	18
10	MP2A	X	0	78
11	MP2A	Z	10.447	78
12	MP2A	Mx	.004	78
13	MP2B	X	0	18
14	MP2B	Z	9.95	18
15	MP2B	Mx	-.008	18
16	MP2B	X	0	78
17	MP2B	Z	9.95	78
18	MP2B	Mx	-.008	78
19	MP2C	X	0	18
20	MP2C	Z	7.148	18
21	MP2C	Mx	.004	18
22	MP2C	X	0	78
23	MP2C	Z	7.148	78
24	MP2C	Mx	.004	78
25	MP2A	X	0	18
26	MP2A	Z	10.447	18
27	MP2A	Mx	-.008	18
28	MP2A	X	0	78
29	MP2A	Z	10.447	78
30	MP2A	Mx	-.008	78
31	MP2B	X	0	18
32	MP2B	Z	9.95	18



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]	
33	MP2B	Mx	.003	18
34	MP2B	X	0	78
35	MP2B	Z	9.95	78
36	MP2B	Mx	.003	78
37	MP2C	X	0	18
38	MP2C	Z	7.148	18
39	MP2C	Mx	.004	18
40	MP2C	X	0	78
41	MP2C	Z	7.148	78
42	MP2C	Mx	.004	78
43	MP5A	X	0	3
44	MP5A	Z	6.523	3
45	MP5A	Mx	-.002	3
46	MP5A	X	0	69
47	MP5A	Z	6.523	69
48	MP5A	Mx	-.002	69
49	MP5B	X	0	3
50	MP5B	Z	6.523	3
51	MP5B	Mx	-.002	3
52	MP5B	X	0	69
53	MP5B	Z	6.523	69
54	MP5B	Mx	-.002	69
55	MP4A	X	0	46.2
56	MP4A	Z	2.25	46.2
57	MP4A	Mx	-.000385	46.2
58	MP4B	X	0	46.2
59	MP4B	Z	2.091	46.2
60	MP4B	Mx	-.000523	46.2
61	MP4C	X	0	46.2
62	MP4C	Z	1.197	46.2
63	MP4C	Mx	.000599	46.2
64	MP2A	X	0	48
65	MP2A	Z	4.468	48
66	MP2A	Mx	0	48
67	MP2B	X	0	48
68	MP2B	Z	3.357	48
69	MP2B	Mx	.000969	48
70	MP2C	X	0	48
71	MP2C	Z	3.357	48
72	MP2C	Mx	-.000969	48
73	MP3C	X	0	21
74	MP3C	Z	2.931	21
75	MP3C	Mx	-.000846	21
76	MP4A	X	0	57
77	MP4A	Z	4.468	57
78	MP4A	Mx	0	57
79	MP4B	X	0	57
80	MP4B	Z	2.931	57
81	MP4B	Mx	.000846	57
82	MP3A	X	0	12
83	MP3A	Z	.884	12
84	MP3A	Mx	0	12
85	MP3B	X	0	12
86	MP3B	Z	.68	12
87	MP3B	Mx	9.8e-5	12
88	MP3A	X	0	12
89	MP3A	Z	.884	12



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in, %]
90	MP3A	Mx	0	12
91	MP3B	X	0	12
92	MP3B	Z	.68	12
93	MP3B	Mx	.000294	12
94	MP4A	X	0	12
95	MP4A	Z	10.431	12
96	MP4A	Mx	-.002	12
97	MP4B	X	0	12
98	MP4B	Z	9.522	12
99	MP4B	Mx	-.002	12
100	MP4C	X	0	12
101	MP4C	Z	4.397	12
102	MP4C	Mx	.002	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in, %]
1	MP5C	X	-2.892	3
2	MP5C	Z	5.009	3
3	MP5C	Mx	.003	3
4	MP5C	X	-2.892	69
5	MP5C	Z	5.009	69
6	MP5C	Mx	.003	69
7	MP2A	X	-5.385	18
8	MP2A	Z	9.328	18
9	MP2A	Mx	.007	18
10	MP2A	X	-5.385	78
11	MP2A	Z	9.328	78
12	MP2A	Mx	.007	78
13	MP2B	X	-4.041	18
14	MP2B	Z	6.999	18
15	MP2B	Mx	-.006	18
16	MP2B	X	-4.041	78
17	MP2B	Z	6.999	78
18	MP2B	Mx	-.006	78
19	MP2C	X	-4.041	18
20	MP2C	Z	6.999	18
21	MP2C	Mx	.001	18
22	MP2C	X	-4.041	78
23	MP2C	Z	6.999	78
24	MP2C	Mx	.001	78
25	MP2A	X	-5.385	18
26	MP2A	Z	9.328	18
27	MP2A	Mx	-.005	18
28	MP2A	X	-5.385	78
29	MP2A	Z	9.328	78
30	MP2A	Mx	-.005	78
31	MP2B	X	-4.041	18
32	MP2B	Z	6.999	18
33	MP2B	Mx	-.001	18
34	MP2B	X	-4.041	78
35	MP2B	Z	6.999	78
36	MP2B	Mx	-.001	78
37	MP2C	X	-4.041	18
38	MP2C	Z	6.999	18
39	MP2C	Mx	.006	18
40	MP2C	X	-4.041	78



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]	
41	MP2C	Z	6.999	78
42	MP2C	Mx	.006	78
43	MP5A	X	-3.441	3
44	MP5A	Z	5.959	3
45	MP5A	Mx	0	3
46	MP5A	X	-3.441	69
47	MP5A	Z	5.959	69
48	MP5A	Mx	0	69
49	MP5B	X	-2.903	3
50	MP5B	Z	5.029	3
51	MP5B	Mx	-.003	3
52	MP5B	X	-2.903	69
53	MP5B	Z	5.029	69
54	MP5B	Mx	-.003	69
55	MP4A	X	-1.177	46.2
56	MP4A	Z	2.038	46.2
57	MP4A	Mx	.000204	46.2
58	MP4B	X	-.748	46.2
59	MP4B	Z	1.295	46.2
60	MP4B	Mx	-.000648	46.2
61	MP4C	X	-.748	46.2
62	MP4C	Z	1.295	46.2
63	MP4C	Mx	.000648	46.2
64	MP2A	X	-2.049	48
65	MP2A	Z	3.549	48
66	MP2A	Mx	-.000683	48
67	MP2B	X	-1.493	48
68	MP2B	Z	2.587	48
69	MP2B	Mx	.000996	48
70	MP2C	X	-2.049	48
71	MP2C	Z	3.549	48
72	MP2C	Mx	-.000683	48
73	MP3C	X	-1.978	21
74	MP3C	Z	3.426	21
75	MP3C	Mx	-.000659	21
76	MP4A	X	-1.978	57
77	MP4A	Z	3.426	57
78	MP4A	Mx	-.000659	57
79	MP4B	X	-1.21	57
80	MP4B	Z	2.095	57
81	MP4B	Mx	.000806	57
82	MP3A	X	-.408	12
83	MP3A	Z	.707	12
84	MP3A	Mx	-6.8e-5	12
85	MP3B	X	-.306	12
86	MP3B	Z	.53	12
87	MP3B	Mx	.000102	12
88	MP3A	X	-.408	12
89	MP3A	Z	.707	12
90	MP3A	Mx	-.000204	12
91	MP3B	X	-.306	12
92	MP3B	Z	.53	12
93	MP3B	Mx	.000306	12
94	MP4A	X	-5.512	12
95	MP4A	Z	9.547	12
96	MP4A	Mx	.000957	12
97	MP4B	X	-3.052	12



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in, %]
98	MP4B	Z	5.287	12
99	MP4B	Mx	-.003	12
100	MP4C	X	-3.052	12
101	MP4C	Z	5.287	12
102	MP4C	Mx	.003	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in, %]
1	MP5C	X	-6.677	3
2	MP5C	Z	3.855	3
3	MP5C	Mx	.002	3
4	MP5C	X	-6.677	69
5	MP5C	Z	3.855	69
6	MP5C	Mx	.002	69
7	MP2A	X	-8.089	18
8	MP2A	Z	4.67	18
9	MP2A	Mx	.007	18
10	MP2A	X	-8.089	78
11	MP2A	Z	4.67	78
12	MP2A	Mx	.007	78
13	MP2B	X	-6.19	18
14	MP2B	Z	3.574	18
15	MP2B	Mx	-.004	18
16	MP2B	X	-6.19	78
17	MP2B	Z	3.574	78
18	MP2B	Mx	-.004	78
19	MP2C	X	-8.617	18
20	MP2C	Z	4.975	18
21	MP2C	Mx	-.003	18
22	MP2C	X	-8.617	78
23	MP2C	Z	4.975	78
24	MP2C	Mx	-.003	78
25	MP2A	X	-8.089	18
26	MP2A	Z	4.67	18
27	MP2A	Mx	-.001	18
28	MP2A	X	-8.089	78
29	MP2A	Z	4.67	78
30	MP2A	Mx	-.001	78
31	MP2B	X	-6.19	18
32	MP2B	Z	3.574	18
33	MP2B	Mx	-.004	18
34	MP2B	X	-6.19	78
35	MP2B	Z	3.574	78
36	MP2B	Mx	-.004	78
37	MP2C	X	-8.617	18
38	MP2C	Z	4.975	18
39	MP2C	Mx	.008	18
40	MP2C	X	-8.617	78
41	MP2C	Z	4.975	78
42	MP2C	Mx	.008	78
43	MP5A	X	-5.649	3
44	MP5A	Z	3.262	3
45	MP5A	Mx	.002	3
46	MP5A	X	-5.649	69
47	MP5A	Z	3.262	69
48	MP5A	Mx	.002	69



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
49	MP5B	X	-4.719	3
50	MP5B	Z	2.724	3
51	MP5B	Mx	-.003	3
52	MP5B	X	-4.719	69
53	MP5B	Z	2.724	69
54	MP5B	Mx	-.003	69
55	MP4A	X	-1.643	46.2
56	MP4A	Z	.948	46.2
57	MP4A	Mx	.00061	46.2
58	MP4B	X	-1.037	46.2
59	MP4B	Z	.599	46.2
60	MP4B	Mx	-.000599	46.2
61	MP4C	X	-1.811	46.2
62	MP4C	Z	1.046	46.2
63	MP4C	Mx	.000523	46.2
64	MP2A	X	-2.907	48
65	MP2A	Z	1.679	48
66	MP2A	Mx	-.000969	48
67	MP2B	X	-2.907	48
68	MP2B	Z	1.679	48
69	MP2B	Mx	.000969	48
70	MP2C	X	-3.869	48
71	MP2C	Z	2.234	48
72	MP2C	Mx	0	48
73	MP3C	X	-3.869	21
74	MP3C	Z	2.234	21
75	MP3C	Mx	0	21
76	MP4A	X	-2.539	57
77	MP4A	Z	1.466	57
78	MP4A	Mx	-.000846	57
79	MP4B	X	-2.539	57
80	MP4B	Z	1.466	57
81	MP4B	Mx	.000846	57
82	MP3A	X	-.589	12
83	MP3A	Z	.34	12
84	MP3A	Mx	-9.8e-5	12
85	MP3B	X	-.589	12
86	MP3B	Z	.34	12
87	MP3B	Mx	9.8e-5	12
88	MP3A	X	-.589	12
89	MP3A	Z	.34	12
90	MP3A	Mx	-.000294	12
91	MP3B	X	-.589	12
92	MP3B	Z	.34	12
93	MP3B	Mx	.000294	12
94	MP4A	X	-7.28	12
95	MP4A	Z	4.203	12
96	MP4A	Mx	.003	12
97	MP4B	X	-3.807	12
98	MP4B	Z	2.198	12
99	MP4B	Mx	-.002	12
100	MP4C	X	-8.246	12
101	MP4C	Z	4.761	12
102	MP4C	Mx	.002	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
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**Member Point Loads (BLC 36 : Antenna Wm (270 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP5C	X	-8.673	3
2	MP5C	Z	0	3
3	MP5C	Mx	0	3
4	MP5C	X	-8.673	69
5	MP5C	Z	0	69
6	MP5C	Mx	0	69
7	MP2A	X	-7.585	18
8	MP2A	Z	0	18
9	MP2A	Mx	.005	18
10	MP2A	X	-7.585	78
11	MP2A	Z	0	78
12	MP2A	Mx	.005	78
13	MP2B	X	-8.082	18
14	MP2B	Z	0	18
15	MP2B	Mx	-.001	18
16	MP2B	X	-8.082	78
17	MP2B	Z	0	78
18	MP2B	Mx	-.001	78
19	MP2C	X	-10.884	18
20	MP2C	Z	0	18
21	MP2C	Mx	-.006	18
22	MP2C	X	-10.884	78
23	MP2C	Z	0	78
24	MP2C	Mx	-.006	78
25	MP2A	X	-7.585	18
26	MP2A	Z	0	18
27	MP2A	Mx	.002	18
28	MP2A	X	-7.585	78
29	MP2A	Z	0	78
30	MP2A	Mx	.002	78
31	MP2B	X	-8.082	18
32	MP2B	Z	0	18
33	MP2B	Mx	-.006	18
34	MP2B	X	-8.082	78
35	MP2B	Z	0	78
36	MP2B	Mx	-.006	78
37	MP2C	X	-10.884	18
38	MP2C	Z	0	18
39	MP2C	Mx	.006	18
40	MP2C	X	-10.884	78
41	MP2C	Z	0	78
42	MP2C	Mx	.006	78
43	MP5A	X	-5.807	3
44	MP5A	Z	0	3
45	MP5A	Mx	.003	3
46	MP5A	X	-5.807	69
47	MP5A	Z	0	69
48	MP5A	Mx	.003	69
49	MP5B	X	-5.807	3
50	MP5B	Z	0	3
51	MP5B	Mx	-.003	3
52	MP5B	X	-5.807	69
53	MP5B	Z	0	69
54	MP5B	Mx	-.003	69
55	MP4A	X	-1.337	46.2
56	MP4A	Z	0	46.2
57	MP4A	Mx	.000628	46.2





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in. %]
58	MP4B	X	-1.495	46.2
59	MP4B	Z	0	46.2
60	MP4B	Mx	-.000647	46.2
61	MP4C	X	-2.389	46.2
62	MP4C	Z	0	46.2
63	MP4C	Mx	0	46.2
64	MP2A	X	-2.987	48
65	MP2A	Z	0	48
66	MP2A	Mx	-.000996	48
67	MP2B	X	-4.098	48
68	MP2B	Z	0	48
69	MP2B	Mx	.000683	48
70	MP2C	X	-4.098	48
71	MP2C	Z	0	48
72	MP2C	Mx	.000683	48
73	MP3C	X	-3.956	21
74	MP3C	Z	0	21
75	MP3C	Mx	.000659	21
76	MP4A	X	-2.419	57
77	MP4A	Z	0	57
78	MP4A	Mx	-.000806	57
79	MP4B	X	-3.956	57
80	MP4B	Z	0	57
81	MP4B	Mx	.000659	57
82	MP3A	X	-.612	12
83	MP3A	Z	0	12
84	MP3A	Mx	-.000102	12
85	MP3B	X	-.816	12
86	MP3B	Z	0	12
87	MP3B	Mx	6.8e-5	12
88	MP3A	X	-.612	12
89	MP3A	Z	0	12
90	MP3A	Mx	-.000306	12
91	MP3B	X	-.816	12
92	MP3B	Z	0	12
93	MP3B	Mx	.000204	12
94	MP4A	X	-5.196	12
95	MP4A	Z	0	12
96	MP4A	Mx	.002	12
97	MP4B	X	-6.105	12
98	MP4B	Z	0	12
99	MP4B	Mx	-.003	12
100	MP4C	X	-11.23	12
101	MP4C	Z	0	12
102	MP4C	Mx	0	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in. %]
1	MP5C	X	-6.677	3
2	MP5C	Z	-3.855	3
3	MP5C	Mx	-.002	3
4	MP5C	X	-6.677	69
5	MP5C	Z	-3.855	69
6	MP5C	Mx	-.002	69
7	MP2A	X	-6.288	18
8	MP2A	Z	-3.63	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
9	MP2A	Mx	.003	18
10	MP2A	X	-6.288	78
11	MP2A	Z	-3.63	78
12	MP2A	Mx	.003	78
13	MP2B	X	-8.617	18
14	MP2B	Z	-4.975	18
15	MP2B	Mx	.003	18
16	MP2B	X	-8.617	78
17	MP2B	Z	-4.975	78
18	MP2B	Mx	.003	78
19	MP2C	X	-8.617	18
20	MP2C	Z	-4.975	18
21	MP2C	Mx	-.008	18
22	MP2C	X	-8.617	78
23	MP2C	Z	-4.975	78
24	MP2C	Mx	-.008	78
25	MP2A	X	-6.288	18
26	MP2A	Z	-3.63	18
27	MP2A	Mx	.004	18
28	MP2A	X	-6.288	78
29	MP2A	Z	-3.63	78
30	MP2A	Mx	.004	78
31	MP2B	X	-8.617	18
32	MP2B	Z	-4.975	18
33	MP2B	Mx	-.008	18
34	MP2B	X	-8.617	78
35	MP2B	Z	-4.975	78
36	MP2B	Mx	-.008	78
37	MP2C	X	-8.617	18
38	MP2C	Z	-4.975	18
39	MP2C	Mx	.003	18
40	MP2C	X	-8.617	78
41	MP2C	Z	-4.975	78
42	MP2C	Mx	.003	78
43	MP5A	X	-4.719	3
44	MP5A	Z	-2.724	3
45	MP5A	Mx	.003	3
46	MP5A	X	-4.719	69
47	MP5A	Z	-2.724	69
48	MP5A	Mx	.003	69
49	MP5B	X	-5.649	3
50	MP5B	Z	-3.262	3
51	MP5B	Mx	-.002	3
52	MP5B	X	-5.649	69
53	MP5B	Z	-3.262	69
54	MP5B	Mx	-.002	69
55	MP4A	X	-1.068	46.2
56	MP4A	Z	-.617	46.2
57	MP4A	Mx	.000607	46.2
58	MP4B	X	-1.811	46.2
59	MP4B	Z	-1.046	46.2
60	MP4B	Mx	-.000523	46.2
61	MP4C	X	-1.811	46.2
62	MP4C	Z	-1.046	46.2
63	MP4C	Mx	-.000523	46.2
64	MP2A	X	-2.907	48
65	MP2A	Z	-1.679	48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
66	MP2A	Mx	-0.00969	48
67	MP2B	X	-3.869	48
68	MP2B	Z	-2.234	48
69	MP2B	Mx	0	48
70	MP2C	X	-2.907	48
71	MP2C	Z	-1.679	48
72	MP2C	Mx	.000969	48
73	MP3C	X	-2.539	21
74	MP3C	Z	-1.466	21
75	MP3C	Mx	.000846	21
76	MP4A	X	-2.539	57
77	MP4A	Z	-1.466	57
78	MP4A	Mx	-.000846	57
79	MP4B	X	-3.869	57
80	MP4B	Z	-2.234	57
81	MP4B	Mx	0	57
82	MP3A	X	-.589	12
83	MP3A	Z	-.34	12
84	MP3A	Mx	-9.8e-5	12
85	MP3B	X	-.766	12
86	MP3B	Z	-.442	12
87	MP3B	Mx	0	12
88	MP3A	X	-.589	12
89	MP3A	Z	-.34	12
90	MP3A	Mx	-.000294	12
91	MP3B	X	-.766	12
92	MP3B	Z	-.442	12
93	MP3B	Mx	0	12
94	MP4A	X	-3.986	12
95	MP4A	Z	-2.301	12
96	MP4A	Mx	.002	12
97	MP4B	X	-8.246	12
98	MP4B	Z	-4.761	12
99	MP4B	Mx	-.002	12
100	MP4C	X	-8.246	12
101	MP4C	Z	-4.761	12
102	MP4C	Mx	-.002	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
1	MP5C	X	-2.892	3
2	MP5C	Z	-5.009	3
3	MP5C	Mx	-.003	3
4	MP5C	X	-2.892	69
5	MP5C	Z	-5.009	69
6	MP5C	Mx	-.003	69
7	MP2A	X	-4.346	18
8	MP2A	Z	-7.527	18
9	MP2A	Mx	7e-5	18
10	MP2A	X	-4.346	78
11	MP2A	Z	-7.527	78
12	MP2A	Mx	7e-5	78
13	MP2B	X	-5.442	18
14	MP2B	Z	-9.425	18
15	MP2B	Mx	.006	18
16	MP2B	X	-5.442	78



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
17	MP2B	Z	-9.425	78
18	MP2B	Mx	.006	78
19	MP2C	X	-4.041	18
20	MP2C	Z	-6.999	18
21	MP2C	Mx	-.006	18
22	MP2C	X	-4.041	78
23	MP2C	Z	-6.999	78
24	MP2C	Mx	-.006	78
25	MP2A	X	-4.346	18
26	MP2A	Z	-7.527	18
27	MP2A	Mx	.007	18
28	MP2A	X	-4.346	78
29	MP2A	Z	-7.527	78
30	MP2A	Mx	.007	78
31	MP2B	X	-5.442	18
32	MP2B	Z	-9.425	18
33	MP2B	Mx	-.006	18
34	MP2B	X	-5.442	78
35	MP2B	Z	-9.425	78
36	MP2B	Mx	-.006	78
37	MP2C	X	-4.041	18
38	MP2C	Z	-6.999	18
39	MP2C	Mx	-.001	18
40	MP2C	X	-4.041	78
41	MP2C	Z	-6.999	78
42	MP2C	Mx	-.001	78
43	MP5A	X	-2.903	3
44	MP5A	Z	-5.029	3
45	MP5A	Mx	.003	3
46	MP5A	X	-2.903	69
47	MP5A	Z	-5.029	69
48	MP5A	Mx	.003	69
49	MP5B	X	-3.441	3
50	MP5B	Z	-5.959	3
51	MP5B	Mx	0	3
52	MP5B	X	-3.441	69
53	MP5B	Z	-5.959	69
54	MP5B	Mx	0	69
55	MP4A	X	-.845	46.2
56	MP4A	Z	-1.463	46.2
57	MP4A	Mx	.000647	46.2
58	MP4B	X	-1.195	46.2
59	MP4B	Z	-2.069	46.2
60	MP4B	Mx	0	46.2
61	MP4C	X	-.748	46.2
62	MP4C	Z	-1.295	46.2
63	MP4C	Mx	-.000648	46.2
64	MP2A	X	-2.049	48
65	MP2A	Z	-3.549	48
66	MP2A	Mx	-.000683	48
67	MP2B	X	-2.049	48
68	MP2B	Z	-3.549	48
69	MP2B	Mx	-.000683	48
70	MP2C	X	-1.493	48
71	MP2C	Z	-2.587	48
72	MP2C	Mx	.000996	48
73	MP3C	X	-1.21	21

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
74	MP3C	Z	-2.095	21
75	MP3C	Mx	.000806	21
76	MP4A	X	-1.978	57
77	MP4A	Z	-3.426	57
78	MP4A	Mx	-.000659	57
79	MP4B	X	-1.978	57
80	MP4B	Z	-3.426	57
81	MP4B	Mx	-.000659	57
82	MP3A	X	-.408	12
83	MP3A	Z	-.707	12
84	MP3A	Mx	-6.8e-5	12
85	MP3B	X	-.408	12
86	MP3B	Z	-.707	12
87	MP3B	Mx	-6.8e-5	12
88	MP3A	X	-.408	12
89	MP3A	Z	-.707	12
90	MP3A	Mx	-.000204	12
91	MP3B	X	-.408	12
92	MP3B	Z	-.707	12
93	MP3B	Mx	-.000204	12
94	MP4A	X	-3.61	12
95	MP4A	Z	-6.253	12
96	MP4A	Mx	.003	12
97	MP4B	X	-5.615	12
98	MP4B	Z	-9.725	12
99	MP4B	Mx	0	12
100	MP4C	X	-3.052	12
101	MP4C	Z	-5.287	12
102	MP4C	Mx	-.003	12

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	M7	Y	-500	%100

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	M62A	Y	-500	%100

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

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	M75	Y	-250	%50

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	Y	-8.614	-8.614	0	%100
2	MP3A	Y	-4.68	-4.68	0	%100
3	MP2A	Y	-4.68	-4.68	0	%100
4	M10	Y	-8.614	-8.614	0	%100
5	M19	Y	-8.614	-8.614	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
6	M28	Y	-8.676	-8.676	0	%100
7	M31	Y	-8.676	-8.676	0	%100
8	M34	Y	-8.676	-8.676	0	%100
9	M40	Y	-12.264	-12.264	0	%100
10	M46	Y	-12.264	-12.264	0	%100
11	M52	Y	-12.264	-12.264	0	%100
12	M55	Y	-8.676	-8.676	0	%100
13	M56	Y	-8.676	-8.676	0	%100
14	M57	Y	-5.29	-5.29	0	%100
15	M58	Y	-5.29	-5.29	0	%100
16	M59	Y	-2.493	-2.493	0	%100
17	M60	Y	-2.493	-2.493	0	%100
18	M61	Y	-2.493	-2.493	0	%100
19	M62	Y	-2.493	-2.493	0	%100
20	M63	Y	-2.493	-2.493	0	%100
21	M64	Y	-2.493	-2.493	0	%100
22	M65	Y	-2.493	-2.493	0	%100
23	M66	Y	-7.194	-7.194	0	%100
24	M75	Y	-8.614	-8.614	0	%100
25	M76	Y	-8.614	-8.614	0	%100
26	M77	Y	-8.614	-8.614	0	%100
27	M78	Y	-8.614	-8.614	0	%100
28	M79	Y	-8.614	-8.614	0	%100
29	M80	Y	-8.614	-8.614	0	%100
30	MP4A	Y	-4.68	-4.68	0	%100
31	M52A	Y	-7.194	-7.194	0	%100
32	M56A	Y	-7.194	-7.194	0	%100
33	M67	Y	-9.963	-9.963	0	%100
34	M68	Y	-5.29	-5.29	0	%100
35	MP5B	Y	-4.68	-4.68	0	%100
36	MP1C	Y	-4.68	-4.68	0	%100
37	M74A	Y	-9.963	-9.963	0	%100
38	M75A	Y	-5.29	-5.29	0	%100
39	MP5A	Y	-4.68	-4.68	0	%100
40	MP1B	Y	-4.68	-4.68	0	%100
41	M81	Y	-9.963	-9.963	0	%100
42	M82	Y	-5.29	-5.29	0	%100
43	MP5C	Y	-4.68	-4.68	0	%100
44	MP1A	Y	-4.68	-4.68	0	%100
45	M90	Y	-7.194	-7.194	0	%100
46	M91	Y	-7.194	-7.194	0	%100
47	M92	Y	-7.194	-7.194	0	%100
48	MP2C	Y	-4.68	-4.68	0	%100
49	MP4C	Y	-4.68	-4.68	0	%100
50	MP2B	Y	-4.68	-4.68	0	%100
51	MP4B	Y	-4.68	-4.68	0	%100
52	M111	Y	-12.264	-12.264	0	%100
53	M115	Y	-9.963	-9.963	0	%100
54	M116	Y	-5.29	-5.29	0	%100
55	M119	Y	-12.264	-12.264	0	%100
56	M123	Y	-9.963	-9.963	0	%100
57	M124	Y	-5.29	-5.29	0	%100
58	M127	Y	-12.264	-12.264	0	%100
59	M131	Y	-9.963	-9.963	0	%100
60	M132	Y	-5.29	-5.29	0	%100
61	M135	Y	-5.29	-5.29	0	%100
62	M136	Y	-5.29	-5.29	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
63	M137	Y	-5.29	-5.29	0	%100
64	M138	Y	-5.29	-5.29	0	%100
65	M139	Y	-5.29	-5.29	0	%100
66	M140	Y	-5.29	-5.29	0	%100
67	M141	Y	-5.29	-5.29	0	%100
68	M142	Y	-5.29	-5.29	0	%100
69	M143	Y	-5.29	-5.29	0	%100
70	M144	Y	-5.29	-5.29	0	%100
71	M145	Y	-5.29	-5.29	0	%100
72	M146	Y	-5.29	-5.29	0	%100
73	M147	Y	-5.29	-5.29	0	%100
74	M148	Y	-5.29	-5.29	0	%100
75	M149	Y	-5.29	-5.29	0	%100
76	M150	Y	-5.29	-5.29	0	%100
77	M151	Y	-5.29	-5.29	0	%100
78	M152	Y	-5.29	-5.29	0	%100
79	M153	Y	-5.29	-5.29	0	%100
80	M154	Y	-5.29	-5.29	0	%100
81	M155	Y	-5.29	-5.29	0	%100
82	M148A	Y	-2.156	-2.156	0	%100
83	M149A	Y	-2.156	-2.156	0	%100
84	M150A	Y	-2.156	-2.156	0	%100
85	M151A	Y	-2.156	-2.156	0	%100
86	MP3C	Y	-4.68	-4.68	0	%100
87	M157	Y	-2.156	-2.156	0	%100
88	M158	Y	-2.156	-2.156	0	%100
89	M159	Y	-2.156	-2.156	0	%100
90	M160	Y	-2.156	-2.156	0	%100
91	MP3B	Y	-4.68	-4.68	0	%100
92	M166	Y	-2.156	-2.156	0	%100
93	M167	Y	-2.156	-2.156	0	%100
94	M168	Y	-2.156	-2.156	0	%100
95	M169	Y	-2.156	-2.156	0	%100
96	M174	Y	-4.68	-4.68	0	%100
97	M177	Y	-4.68	-4.68	0	%100
98	M180	Y	-4.68	-4.68	0	%100
99	M189	Y	-4.68	-4.68	0	%100
100	M190	Y	-4.68	-4.68	0	%100
101	M191	Y	-4.68	-4.68	0	%100
102	M192	Y	-6.242	-6.242	0	%100
103	M193	Y	-6.242	-6.242	0	%100
104	M194	Y	-6.242	-6.242	0	%100
105	M195	Y	-6.242	-6.242	0	%100
106	M196	Y	-6.242	-6.242	0	%100
107	M197	Y	-6.242	-6.242	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	X	0	0	0	%100
2	M1	Z	-23.504	-23.504	0	%100
3	MP3A	X	0	0	0	%100
4	MP3A	Z	-7.079	-7.079	0	%100
5	MP2A	X	0	0	0	%100
6	MP2A	Z	-8.339	-8.339	0	%100
7	M10	X	0	0	0	%100
8	M10	Z	-5.876	-5.876	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
9	M19	X	0	0	0	%100
10	M19	Z	-5.876	-5.876	0	%100
11	M28	X	0	0	0	%100
12	M28	Z	-22.529	-22.529	0	%100
13	M31	X	0	0	0	%100
14	M31	Z	-5.632	-5.632	0	%100
15	M34	X	0	0	0	%100
16	M34	Z	-5.632	-5.632	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	-1.317	-1.317	0	%100
19	M46	X	0	0	0	%100
20	M46	Z	-.329	-.329	0	%100
21	M52	X	0	0	0	%100
22	M52	Z	-.329	-.329	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	-20.128	-20.128	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	0	0	0	%100
27	M57	X	0	0	0	%100
28	M57	Z	-11.703	-11.703	0	%100
29	M58	X	0	0	0	%100
30	M58	Z	-11.703	-11.703	0	%100
31	M59	X	0	0	0	%100
32	M59	Z	0	0	0	%100
33	M60	X	0	0	0	%100
34	M60	Z	0	0	0	%100
35	M61	X	0	0	0	%100
36	M61	Z	0	0	0	%100
37	M62	X	0	0	0	%100
38	M62	Z	0	0	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M65	X	0	0	0	%100
44	M65	Z	0	0	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	-.356	-.356	0	%100
47	M75	X	0	0	0	%100
48	M75	Z	-17.555	-17.555	0	%100
49	M76	X	0	0	0	%100
50	M76	Z	-4.389	-4.389	0	%100
51	M77	X	0	0	0	%100
52	M77	Z	-4.389	-4.389	0	%100
53	M78	X	0	0	0	%100
54	M78	Z	-23.504	-23.504	0	%100
55	M79	X	0	0	0	%100
56	M79	Z	-5.876	-5.876	0	%100
57	M80	X	0	0	0	%100
58	M80	Z	-5.876	-5.876	0	%100
59	MP4A	X	0	0	0	%100
60	MP4A	Z	-8.339	-8.339	0	%100
61	M52A	X	0	0	0	%100
62	M52A	Z	-4.551	-4.551	0	%100
63	M56A	X	0	0	0	%100
64	M56A	Z	-7.454	-7.454	0	%100
65	M67	X	0	0	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
66	M67	Z	0	0	%100
67	M68	X	0	0	%100
68	M68	Z	-5.466	-5.466	%100
69	MP5B	X	0	0	%100
70	MP5B	Z	-8.339	-8.339	%100
71	MP1C	X	0	0	%100
72	MP1C	Z	-8.339	-8.339	%100
73	M74A	X	0	0	%100
74	M74A	Z	-5.462	-5.462	%100
75	M75A	X	0	0	%100
76	M75A	Z	-1.366	-1.366	%100
77	MP5A	X	0	0	%100
78	MP5A	Z	-8.339	-8.339	%100
79	MP1B	X	0	0	%100
80	MP1B	Z	-8.339	-8.339	%100
81	M81	X	0	0	%100
82	M81	Z	-5.462	-5.462	%100
83	M82	X	0	0	%100
84	M82	Z	-1.366	-1.366	%100
85	MP5C	X	0	0	%100
86	MP5C	Z	-8.339	-8.339	%100
87	MP1A	X	0	0	%100
88	MP1A	Z	-8.339	-8.339	%100
89	M90	X	0	0	%100
90	M90	Z	-17.555	-17.555	%100
91	M91	X	0	0	%100
92	M91	Z	-4.389	-4.389	%100
93	M92	X	0	0	%100
94	M92	Z	-4.389	-4.389	%100
95	MP2C	X	0	0	%100
96	MP2C	Z	-8.339	-8.339	%100
97	MP4C	X	0	0	%100
98	MP4C	Z	-8.339	-8.339	%100
99	MP2B	X	0	0	%100
100	MP2B	Z	-8.339	-8.339	%100
101	MP4B	X	0	0	%100
102	MP4B	Z	-8.339	-8.339	%100
103	M111	X	0	0	%100
104	M111	Z	-1.317	-1.317	%100
105	M115	X	0	0	%100
106	M115	Z	0	0	%100
107	M116	X	0	0	%100
108	M116	Z	-5.466	-5.466	%100
109	M119	X	0	0	%100
110	M119	Z	-.329	-.329	%100
111	M123	X	0	0	%100
112	M123	Z	-5.462	-5.462	%100
113	M124	X	0	0	%100
114	M124	Z	-1.366	-1.366	%100
115	M127	X	0	0	%100
116	M127	Z	-.329	-.329	%100
117	M131	X	0	0	%100
118	M131	Z	-5.462	-5.462	%100
119	M132	X	0	0	%100
120	M132	Z	-1.366	-1.366	%100
121	M135	X	0	0	%100
122	M135	Z	-10.533	-10.533	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
123	M136	X	0	0	0	%100
124	M136	Z	-10.533	-10.533	0	%100
125	M137	X	0	0	0	%100
126	M137	Z	-10.533	-10.533	0	%100
127	M138	X	0	0	0	%100
128	M138	Z	-10.533	-10.533	0	%100
129	M139	X	0	0	0	%100
130	M139	Z	-11.703	-11.703	0	%100
131	M140	X	0	0	0	%100
132	M140	Z	-11.703	-11.703	0	%100
133	M141	X	0	0	0	%100
134	M141	Z	-11.703	-11.703	0	%100
135	M142	X	0	0	0	%100
136	M142	Z	-10.533	-10.533	0	%100
137	M143	X	0	0	0	%100
138	M143	Z	-10.533	-10.533	0	%100
139	M144	X	0	0	0	%100
140	M144	Z	-10.533	-10.533	0	%100
141	M145	X	0	0	0	%100
142	M145	Z	-10.533	-10.533	0	%100
143	M146	X	0	0	0	%100
144	M146	Z	-6.431	-6.431	0	%100
145	M147	X	0	0	0	%100
146	M147	Z	-6.431	-6.431	0	%100
147	M148	X	0	0	0	%100
148	M148	Z	-2.926	-2.926	0	%100
149	M149	X	0	0	0	%100
150	M149	Z	-10.533	-10.533	0	%100
151	M150	X	0	0	0	%100
152	M150	Z	-10.533	-10.533	0	%100
153	M151	X	0	0	0	%100
154	M151	Z	-10.533	-10.533	0	%100
155	M152	X	0	0	0	%100
156	M152	Z	-10.533	-10.533	0	%100
157	M153	X	0	0	0	%100
158	M153	Z	-6.431	-6.431	0	%100
159	M154	X	0	0	0	%100
160	M154	Z	-6.431	-6.431	0	%100
161	M155	X	0	0	0	%100
162	M155	Z	-2.926	-2.926	0	%100
163	M148A	X	0	0	0	%100
164	M148A	Z	0	0	0	%100
165	M149A	X	0	0	0	%100
166	M149A	Z	0	0	0	%100
167	M150A	X	0	0	0	%100
168	M150A	Z	0	0	0	%100
169	M151A	X	0	0	0	%100
170	M151A	Z	0	0	0	%100
171	MP3C	X	0	0	0	%100
172	MP3C	Z	-7.079	-7.079	0	%100
173	M157	X	0	0	0	%100
174	M157	Z	-.902	-.902	0	%100
175	M158	X	0	0	0	%100
176	M158	Z	-.902	-.902	0	%100
177	M159	X	0	0	0	%100
178	M159	Z	-.902	-.902	0	%100
179	M160	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
180	M160	Z	-902	-902	0	%100
181	MP3B	X	0	0	0	%100
182	MP3B	Z	-7.079	-7.079	0	%100
183	M166	X	0	0	0	%100
184	M166	Z	-902	-902	0	%100
185	M167	X	0	0	0	%100
186	M167	Z	-902	-902	0	%100
187	M168	X	0	0	0	%100
188	M168	Z	-902	-902	0	%100
189	M169	X	0	0	0	%100
190	M169	Z	-902	-902	0	%100
191	M174	X	0	0	0	%100
192	M174	Z	-8.339	-8.339	0	%100
193	M177	X	0	0	0	%100
194	M177	Z	-2.085	-2.085	0	%100
195	M180	X	0	0	0	%100
196	M180	Z	-2.085	-2.085	0	%100
197	M189	X	0	0	0	%100
198	M189	Z	-6.494	-6.494	0	%100
199	M190	X	0	0	0	%100
200	M190	Z	-1.623	-1.623	0	%100
201	M191	X	0	0	0	%100
202	M191	Z	-1.623	-1.623	0	%100
203	M192	X	0	0	0	%100
204	M192	Z	-7.956	-7.956	0	%100
205	M193	X	0	0	0	%100
206	M193	Z	-7.696	-7.696	0	%100
207	M194	X	0	0	0	%100
208	M194	Z	-13.275	-13.275	0	%100
209	M195	X	0	0	0	%100
210	M195	Z	-5.405	-5.405	0	%100
211	M196	X	0	0	0	%100
212	M196	Z	-5.11	-5.11	0	%100
213	M197	X	0	0	0	%100
214	M197	Z	-13.284	-13.284	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	X	8.814	8.814	0	%100
2	M1	Z	-15.267	-15.267	0	%100
3	MP3A	X	3.539	3.539	0	%100
4	MP3A	Z	-6.131	-6.131	0	%100
5	MP2A	X	4.169	4.169	0	%100
6	MP2A	Z	-7.222	-7.222	0	%100
7	M10	X	8.814	8.814	0	%100
8	M10	Z	-15.267	-15.267	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	0	0	0	%100
11	M28	X	8.448	8.448	0	%100
12	M28	Z	-14.633	-14.633	0	%100
13	M31	X	8.448	8.448	0	%100
14	M31	Z	-14.633	-14.633	0	%100
15	M34	X	0	0	0	%100
16	M34	Z	0	0	0	%100
17	M40	X	.494	.494	0	%100
18	M40	Z	-.855	-.855	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
19	M46	X	.494	.494	0	%100
20	M46	Z	-.855	-.855	0	%100
21	M52	X	0	0	0	%100
22	M52	Z	0	0	0	%100
23	M55	X	7.548	7.548	0	%100
24	M55	Z	-13.074	-13.074	0	%100
25	M56	X	2.381	2.381	0	%100
26	M56	Z	-4.125	-4.125	0	%100
27	M57	X	5.852	5.852	0	%100
28	M57	Z	-10.135	-10.135	0	%100
29	M58	X	5.852	5.852	0	%100
30	M58	Z	-10.135	-10.135	0	%100
31	M59	X	.291	.291	0	%100
32	M59	Z	-.503	-.503	0	%100
33	M60	X	.291	.291	0	%100
34	M60	Z	-.503	-.503	0	%100
35	M61	X	.291	.291	0	%100
36	M61	Z	-.503	-.503	0	%100
37	M62	X	.291	.291	0	%100
38	M62	Z	-.503	-.503	0	%100
39	M63	X	.291	.291	0	%100
40	M63	Z	-.503	-.503	0	%100
41	M64	X	.291	.291	0	%100
42	M64	Z	-.503	-.503	0	%100
43	M65	X	.291	.291	0	%100
44	M65	Z	-.503	-.503	0	%100
45	M66	X	1.845	1.845	0	%100
46	M66	Z	-3.196	-3.196	0	%100
47	M75	X	6.583	6.583	0	%100
48	M75	Z	-11.402	-11.402	0	%100
49	M76	X	6.583	6.583	0	%100
50	M76	Z	-11.402	-11.402	0	%100
51	M77	X	0	0	0	%100
52	M77	Z	0	0	0	%100
53	M78	X	8.814	8.814	0	%100
54	M78	Z	-15.267	-15.267	0	%100
55	M79	X	8.814	8.814	0	%100
56	M79	Z	-15.267	-15.267	0	%100
57	M80	X	0	0	0	%100
58	M80	Z	0	0	0	%100
59	MP4A	X	4.169	4.169	0	%100
60	MP4A	Z	-7.222	-7.222	0	%100
61	M52A	X	.393	.393	0	%100
62	M52A	Z	-.682	-.682	0	%100
63	M56A	X	3.942	3.942	0	%100
64	M56A	Z	-6.829	-6.829	0	%100
65	M67	X	.91	.91	0	%100
66	M67	Z	-1.577	-1.577	0	%100
67	M68	X	2.05	2.05	0	%100
68	M68	Z	-3.55	-3.55	0	%100
69	MP5B	X	4.169	4.169	0	%100
70	MP5B	Z	-7.222	-7.222	0	%100
71	MP1C	X	4.169	4.169	0	%100
72	MP1C	Z	-7.222	-7.222	0	%100
73	M74A	X	.91	.91	0	%100
74	M74A	Z	-1.577	-1.577	0	%100
75	M75A	X	2.05	2.05	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
76	M75A	Z	-3.55	-3.55	0 %100
77	MP5A	X	4.169	4.169	0 %100
78	MP5A	Z	-7.222	-7.222	0 %100
79	MP1B	X	4.169	4.169	0 %100
80	MP1B	Z	-7.222	-7.222	0 %100
81	M81	X	3.641	3.641	0 %100
82	M81	Z	-6.307	-6.307	0 %100
83	M82	X	0	0	0 %100
84	M82	Z	0	0	0 %100
85	MP5C	X	4.169	4.169	0 %100
86	MP5C	Z	-7.222	-7.222	0 %100
87	MP1A	X	4.169	4.169	0 %100
88	MP1A	Z	-7.222	-7.222	0 %100
89	M90	X	6.583	6.583	0 %100
90	M90	Z	-11.402	-11.402	0 %100
91	M91	X	6.583	6.583	0 %100
92	M91	Z	-11.402	-11.402	0 %100
93	M92	X	0	0	0 %100
94	M92	Z	0	0	0 %100
95	MP2C	X	4.169	4.169	0 %100
96	MP2C	Z	-7.222	-7.222	0 %100
97	MP4C	X	4.169	4.169	0 %100
98	MP4C	Z	-7.222	-7.222	0 %100
99	MP2B	X	4.169	4.169	0 %100
100	MP2B	Z	-7.222	-7.222	0 %100
101	MP4B	X	4.169	4.169	0 %100
102	MP4B	Z	-7.222	-7.222	0 %100
103	M111	X	.494	.494	0 %100
104	M111	Z	-.855	-.855	0 %100
105	M115	X	.91	.91	0 %100
106	M115	Z	-1.577	-1.577	0 %100
107	M116	X	2.05	2.05	0 %100
108	M116	Z	-3.55	-3.55	0 %100
109	M119	X	.494	.494	0 %100
110	M119	Z	-.855	-.855	0 %100
111	M123	X	.91	.91	0 %100
112	M123	Z	-1.577	-1.577	0 %100
113	M124	X	2.05	2.05	0 %100
114	M124	Z	-3.55	-3.55	0 %100
115	M127	X	0	0	0 %100
116	M127	Z	0	0	0 %100
117	M131	X	3.641	3.641	0 %100
118	M131	Z	-6.307	-6.307	0 %100
119	M132	X	0	0	0 %100
120	M132	Z	0	0	0 %100
121	M135	X	5.267	5.267	0 %100
122	M135	Z	-9.122	-9.122	0 %100
123	M136	X	5.267	5.267	0 %100
124	M136	Z	-9.122	-9.122	0 %100
125	M137	X	5.267	5.267	0 %100
126	M137	Z	-9.122	-9.122	0 %100
127	M138	X	5.267	5.267	0 %100
128	M138	Z	-9.122	-9.122	0 %100
129	M139	X	4.973	4.973	0 %100
130	M139	Z	-8.613	-8.613	0 %100
131	M140	X	4.973	4.973	0 %100
132	M140	Z	-8.613	-8.613	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
133	M141	X	4.389	4.389	0	%100
134	M141	Z	-7.602	-7.602	0	%100
135	M142	X	5.267	5.267	0	%100
136	M142	Z	-9.122	-9.122	0	%100
137	M143	X	5.267	5.267	0	%100
138	M143	Z	-9.122	-9.122	0	%100
139	M144	X	5.267	5.267	0	%100
140	M144	Z	-9.122	-9.122	0	%100
141	M145	X	5.267	5.267	0	%100
142	M145	Z	-9.122	-9.122	0	%100
143	M146	X	4.973	4.973	0	%100
144	M146	Z	-8.613	-8.613	0	%100
145	M147	X	4.973	4.973	0	%100
146	M147	Z	-8.613	-8.613	0	%100
147	M148	X	4.389	4.389	0	%100
148	M148	Z	-7.602	-7.602	0	%100
149	M149	X	5.267	5.267	0	%100
150	M149	Z	-9.122	-9.122	0	%100
151	M150	X	5.267	5.267	0	%100
152	M150	Z	-9.122	-9.122	0	%100
153	M151	X	5.267	5.267	0	%100
154	M151	Z	-9.122	-9.122	0	%100
155	M152	X	5.267	5.267	0	%100
156	M152	Z	-9.122	-9.122	0	%100
157	M153	X	2.337	2.337	0	%100
158	M153	Z	-4.047	-4.047	0	%100
159	M154	X	2.337	2.337	0	%100
160	M154	Z	-4.047	-4.047	0	%100
161	M155	X	0	0	0	%100
162	M155	Z	0	0	0	%100
163	M148A	X	.15	.15	0	%100
164	M148A	Z	-.26	-.26	0	%100
165	M149A	X	.15	.15	0	%100
166	M149A	Z	-.26	-.26	0	%100
167	M150A	X	.15	.15	0	%100
168	M150A	Z	-.26	-.26	0	%100
169	M151A	X	.15	.15	0	%100
170	M151A	Z	-.26	-.26	0	%100
171	MP3C	X	3.539	3.539	0	%100
172	MP3C	Z	-6.131	-6.131	0	%100
173	M157	X	.15	.15	0	%100
174	M157	Z	-.26	-.26	0	%100
175	M158	X	.15	.15	0	%100
176	M158	Z	-.26	-.26	0	%100
177	M159	X	.15	.15	0	%100
178	M159	Z	-.26	-.26	0	%100
179	M160	X	.15	.15	0	%100
180	M160	Z	-.26	-.26	0	%100
181	MP3B	X	3.539	3.539	0	%100
182	MP3B	Z	-6.131	-6.131	0	%100
183	M166	X	.601	.601	0	%100
184	M166	Z	-1.042	-1.042	0	%100
185	M167	X	.601	.601	0	%100
186	M167	Z	-1.042	-1.042	0	%100
187	M168	X	.601	.601	0	%100
188	M168	Z	-1.042	-1.042	0	%100
189	M169	X	.601	.601	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
190	M169	Z	-1.042	-1.042	0	%100
191	M174	X	3.127	3.127	0	%100
192	M174	Z	-5.416	-5.416	0	%100
193	M177	X	3.127	3.127	0	%100
194	M177	Z	-5.416	-5.416	0	%100
195	M180	X	0	0	0	%100
196	M180	Z	0	0	0	%100
197	M189	X	2.435	2.435	0	%100
198	M189	Z	-4.218	-4.218	0	%100
199	M190	X	2.435	2.435	0	%100
200	M190	Z	-4.218	-4.218	0	%100
201	M191	X	0	0	0	%100
202	M191	Z	0	0	0	%100
203	M192	X	2.143	2.143	0	%100
204	M192	Z	-3.712	-3.712	0	%100
205	M193	X	6.093	6.093	0	%100
206	M193	Z	-10.553	-10.553	0	%100
207	M194	X	6.225	6.225	0	%100
208	M194	Z	-10.783	-10.783	0	%100
209	M195	X	2.153	2.153	0	%100
210	M195	Z	-3.729	-3.729	0	%100
211	M196	X	4.802	4.802	0	%100
212	M196	Z	-8.318	-8.318	0	%100
213	M197	X	4.947	4.947	0	%100
214	M197	Z	-8.569	-8.569	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	X	5.089	5.089	0	%100
2	M1	Z	-2.938	-2.938	0	%100
3	MP3A	X	6.131	6.131	0	%100
4	MP3A	Z	-3.539	-3.539	0	%100
5	MP2A	X	7.222	7.222	0	%100
6	MP2A	Z	-4.169	-4.169	0	%100
7	M10	X	20.355	20.355	0	%100
8	M10	Z	-11.752	-11.752	0	%100
9	M19	X	5.089	5.089	0	%100
10	M19	Z	-2.938	-2.938	0	%100
11	M28	X	4.878	4.878	0	%100
12	M28	Z	-2.816	-2.816	0	%100
13	M31	X	19.511	19.511	0	%100
14	M31	Z	-11.265	-11.265	0	%100
15	M34	X	4.878	4.878	0	%100
16	M34	Z	-2.816	-2.816	0	%100
17	M40	X	.285	.285	0	%100
18	M40	Z	-.165	-.165	0	%100
19	M46	X	1.14	1.14	0	%100
20	M46	Z	-.658	-.658	0	%100
21	M52	X	.285	.285	0	%100
22	M52	Z	-.165	-.165	0	%100
23	M55	X	4.358	4.358	0	%100
24	M55	Z	-2.516	-2.516	0	%100
25	M56	X	12.374	12.374	0	%100
26	M56	Z	-7.144	-7.144	0	%100
27	M57	X	10.135	10.135	0	%100
28	M57	Z	-5.852	-5.852	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
29	M58	X	10.135	10.135	0	%100
30	M58	Z	-5.852	-5.852	0	%100
31	M59	X	1.51	1.51	0	%100
32	M59	Z	-872	-872	0	%100
33	M60	X	1.51	1.51	0	%100
34	M60	Z	-872	-872	0	%100
35	M61	X	1.51	1.51	0	%100
36	M61	Z	-872	-872	0	%100
37	M62	X	1.51	1.51	0	%100
38	M62	Z	-872	-872	0	%100
39	M63	X	1.51	1.51	0	%100
40	M63	Z	-872	-872	0	%100
41	M64	X	1.51	1.51	0	%100
42	M64	Z	-872	-872	0	%100
43	M65	X	1.51	1.51	0	%100
44	M65	Z	-872	-872	0	%100
45	M66	X	6.456	6.456	0	%100
46	M66	Z	-3.727	-3.727	0	%100
47	M75	X	3.801	3.801	0	%100
48	M75	Z	-2.194	-2.194	0	%100
49	M76	X	15.203	15.203	0	%100
50	M76	Z	-8.778	-8.778	0	%100
51	M77	X	3.801	3.801	0	%100
52	M77	Z	-2.194	-2.194	0	%100
53	M78	X	5.089	5.089	0	%100
54	M78	Z	-2.938	-2.938	0	%100
55	M79	X	20.355	20.355	0	%100
56	M79	Z	-11.752	-11.752	0	%100
57	M80	X	5.089	5.089	0	%100
58	M80	Z	-2.938	-2.938	0	%100
59	MP4A	X	7.222	7.222	0	%100
60	MP4A	Z	-4.169	-4.169	0	%100
61	M52A	X	.309	.309	0	%100
62	M52A	Z	-.178	-.178	0	%100
63	M56A	X	3.942	3.942	0	%100
64	M56A	Z	-2.276	-2.276	0	%100
65	M67	X	4.73	4.73	0	%100
66	M67	Z	-2.731	-2.731	0	%100
67	M68	X	1.183	1.183	0	%100
68	M68	Z	-.683	-.683	0	%100
69	MP5B	X	7.222	7.222	0	%100
70	MP5B	Z	-4.169	-4.169	0	%100
71	MP1C	X	7.222	7.222	0	%100
72	MP1C	Z	-4.169	-4.169	0	%100
73	M74A	X	0	0	0	%100
74	M74A	Z	0	0	0	%100
75	M75A	X	4.733	4.733	0	%100
76	M75A	Z	-2.733	-2.733	0	%100
77	MP5A	X	7.222	7.222	0	%100
78	MP5A	Z	-4.169	-4.169	0	%100
79	MP1B	X	7.222	7.222	0	%100
80	MP1B	Z	-4.169	-4.169	0	%100
81	M81	X	4.73	4.73	0	%100
82	M81	Z	-2.731	-2.731	0	%100
83	M82	X	1.183	1.183	0	%100
84	M82	Z	-.683	-.683	0	%100
85	MP5C	X	7.222	7.222	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
86	MP5C	Z	-4.169	-4.169	0 %100
87	MP1A	X	7.222	7.222	0 %100
88	MP1A	Z	-4.169	-4.169	0 %100
89	M90	X	3.801	3.801	0 %100
90	M90	Z	-2.194	-2.194	0 %100
91	M91	X	15.203	15.203	0 %100
92	M91	Z	-8.778	-8.778	0 %100
93	M92	X	3.801	3.801	0 %100
94	M92	Z	-2.194	-2.194	0 %100
95	MP2C	X	7.222	7.222	0 %100
96	MP2C	Z	-4.169	-4.169	0 %100
97	MP4C	X	7.222	7.222	0 %100
98	MP4C	Z	-4.169	-4.169	0 %100
99	MP2B	X	7.222	7.222	0 %100
100	MP2B	Z	-4.169	-4.169	0 %100
101	MP4B	X	7.222	7.222	0 %100
102	MP4B	Z	-4.169	-4.169	0 %100
103	M111	X	.285	.285	0 %100
104	M111	Z	-.165	-.165	0 %100
105	M115	X	4.73	4.73	0 %100
106	M115	Z	-2.731	-2.731	0 %100
107	M116	X	1.183	1.183	0 %100
108	M116	Z	-.683	-.683	0 %100
109	M119	X	1.14	1.14	0 %100
110	M119	Z	-.658	-.658	0 %100
111	M123	X	0	0	0 %100
112	M123	Z	0	0	0 %100
113	M124	X	4.733	4.733	0 %100
114	M124	Z	-2.733	-2.733	0 %100
115	M127	X	.285	.285	0 %100
116	M127	Z	-.165	-.165	0 %100
117	M131	X	4.73	4.73	0 %100
118	M131	Z	-2.731	-2.731	0 %100
119	M132	X	1.183	1.183	0 %100
120	M132	Z	-.683	-.683	0 %100
121	M135	X	9.122	9.122	0 %100
122	M135	Z	-5.267	-5.267	0 %100
123	M136	X	9.122	9.122	0 %100
124	M136	Z	-5.267	-5.267	0 %100
125	M137	X	9.122	9.122	0 %100
126	M137	Z	-5.267	-5.267	0 %100
127	M138	X	9.122	9.122	0 %100
128	M138	Z	-5.267	-5.267	0 %100
129	M139	X	5.569	5.569	0 %100
130	M139	Z	-3.215	-3.215	0 %100
131	M140	X	5.569	5.569	0 %100
132	M140	Z	-3.215	-3.215	0 %100
133	M141	X	2.534	2.534	0 %100
134	M141	Z	-1.463	-1.463	0 %100
135	M142	X	9.122	9.122	0 %100
136	M142	Z	-5.267	-5.267	0 %100
137	M143	X	9.122	9.122	0 %100
138	M143	Z	-5.267	-5.267	0 %100
139	M144	X	9.122	9.122	0 %100
140	M144	Z	-5.267	-5.267	0 %100
141	M145	X	9.122	9.122	0 %100
142	M145	Z	-5.267	-5.267	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft...	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
143	M146	X	10.135	10.135	0 %100
144	M146	Z	-5.852	-5.852	0 %100
145	M147	X	10.135	10.135	0 %100
146	M147	Z	-5.852	-5.852	0 %100
147	M148	X	10.135	10.135	0 %100
148	M148	Z	-5.852	-5.852	0 %100
149	M149	X	9.122	9.122	0 %100
150	M149	Z	-5.267	-5.267	0 %100
151	M150	X	9.122	9.122	0 %100
152	M150	Z	-5.267	-5.267	0 %100
153	M151	X	9.122	9.122	0 %100
154	M151	Z	-5.267	-5.267	0 %100
155	M152	X	9.122	9.122	0 %100
156	M152	Z	-5.267	-5.267	0 %100
157	M153	X	5.569	5.569	0 %100
158	M153	Z	-3.215	-3.215	0 %100
159	M154	X	5.569	5.569	0 %100
160	M154	Z	-3.215	-3.215	0 %100
161	M155	X	2.534	2.534	0 %100
162	M155	Z	-1.463	-1.463	0 %100
163	M148A	X	.781	.781	0 %100
164	M148A	Z	-.451	-.451	0 %100
165	M149A	X	.781	.781	0 %100
166	M149A	Z	-.451	-.451	0 %100
167	M150A	X	.781	.781	0 %100
168	M150A	Z	-.451	-.451	0 %100
169	M151A	X	.781	.781	0 %100
170	M151A	Z	-.451	-.451	0 %100
171	MP3C	X	6.131	6.131	0 %100
172	MP3C	Z	-3.539	-3.539	0 %100
173	M157	X	0	0	0 %100
174	M157	Z	0	0	0 %100
175	M158	X	0	0	0 %100
176	M158	Z	0	0	0 %100
177	M159	X	0	0	0 %100
178	M159	Z	0	0	0 %100
179	M160	X	0	0	0 %100
180	M160	Z	0	0	0 %100
181	MP3B	X	6.131	6.131	0 %100
182	MP3B	Z	-3.539	-3.539	0 %100
183	M166	X	.781	.781	0 %100
184	M166	Z	-.451	-.451	0 %100
185	M167	X	.781	.781	0 %100
186	M167	Z	-.451	-.451	0 %100
187	M168	X	.781	.781	0 %100
188	M168	Z	-.451	-.451	0 %100
189	M169	X	.781	.781	0 %100
190	M169	Z	-.451	-.451	0 %100
191	M174	X	1.805	1.805	0 %100
192	M174	Z	-1.042	-1.042	0 %100
193	M177	X	7.222	7.222	0 %100
194	M177	Z	-4.169	-4.169	0 %100
195	M180	X	1.805	1.805	0 %100
196	M180	Z	-1.042	-1.042	0 %100
197	M189	X	1.406	1.406	0 %100
198	M189	Z	-.812	-.812	0 %100
199	M190	X	5.624	5.624	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
200	M190	Z	-3.247	-3.247	0	%100
201	M191	X	1.406	1.406	0	%100
202	M191	Z	-.812	-.812	0	%100
203	M192	X	4.425	4.425	0	%100
204	M192	Z	-2.555	-2.555	0	%100
205	M193	X	11.505	11.505	0	%100
206	M193	Z	-6.642	-6.642	0	%100
207	M194	X	6.89	6.89	0	%100
208	M194	Z	-3.978	-3.978	0	%100
209	M195	X	6.665	6.665	0	%100
210	M195	Z	-3.848	-3.848	0	%100
211	M196	X	11.496	11.496	0	%100
212	M196	Z	-6.637	-6.637	0	%100
213	M197	X	4.681	4.681	0	%100
214	M197	Z	-2.703	-2.703	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	MP3A	X	7.079	7.079	0	%100
4	MP3A	Z	0	0	0	%100
5	MP2A	X	8.339	8.339	0	%100
6	MP2A	Z	0	0	0	%100
7	M10	X	17.628	17.628	0	%100
8	M10	Z	0	0	0	%100
9	M19	X	17.628	17.628	0	%100
10	M19	Z	0	0	0	%100
11	M28	X	0	0	0	%100
12	M28	Z	0	0	0	%100
13	M31	X	16.897	16.897	0	%100
14	M31	Z	0	0	0	%100
15	M34	X	16.897	16.897	0	%100
16	M34	Z	0	0	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	0	0	0	%100
19	M46	X	.987	.987	0	%100
20	M46	Z	0	0	0	%100
21	M52	X	.987	.987	0	%100
22	M52	Z	0	0	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	19.051	19.051	0	%100
26	M56	Z	0	0	0	%100
27	M57	X	11.703	11.703	0	%100
28	M57	Z	0	0	0	%100
29	M58	X	11.703	11.703	0	%100
30	M58	Z	0	0	0	%100
31	M59	X	2.324	2.324	0	%100
32	M59	Z	0	0	0	%100
33	M60	X	2.324	2.324	0	%100
34	M60	Z	0	0	0	%100
35	M61	X	2.324	2.324	0	%100
36	M61	Z	0	0	0	%100
37	M62	X	2.324	2.324	0	%100
38	M62	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
39	M63	X	2.324	2.324	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	2.324	2.324	0	%100
42	M64	Z	0	0	0	%100
43	M65	X	2.324	2.324	0	%100
44	M65	Z	0	0	0	%100
45	M66	X	7.885	7.885	0	%100
46	M66	Z	0	0	0	%100
47	M75	X	0	0	0	%100
48	M75	Z	0	0	0	%100
49	M76	X	13.166	13.166	0	%100
50	M76	Z	0	0	0	%100
51	M77	X	13.166	13.166	0	%100
52	M77	Z	0	0	0	%100
53	M78	X	0	0	0	%100
54	M78	Z	0	0	0	%100
55	M79	X	17.628	17.628	0	%100
56	M79	Z	0	0	0	%100
57	M80	X	17.628	17.628	0	%100
58	M80	Z	0	0	0	%100
59	MP4A	X	8.339	8.339	0	%100
60	MP4A	Z	0	0	0	%100
61	M52A	X	3.69	3.69	0	%100
62	M52A	Z	0	0	0	%100
63	M56A	X	.787	.787	0	%100
64	M56A	Z	0	0	0	%100
65	M67	X	7.282	7.282	0	%100
66	M67	Z	0	0	0	%100
67	M68	X	0	0	0	%100
68	M68	Z	0	0	0	%100
69	MP5B	X	8.339	8.339	0	%100
70	MP5B	Z	0	0	0	%100
71	MP1C	X	8.339	8.339	0	%100
72	MP1C	Z	0	0	0	%100
73	M74A	X	1.821	1.821	0	%100
74	M74A	Z	0	0	0	%100
75	M75A	X	4.099	4.099	0	%100
76	M75A	Z	0	0	0	%100
77	MP5A	X	8.339	8.339	0	%100
78	MP5A	Z	0	0	0	%100
79	MP1B	X	8.339	8.339	0	%100
80	MP1B	Z	0	0	0	%100
81	M81	X	1.821	1.821	0	%100
82	M81	Z	0	0	0	%100
83	M82	X	4.099	4.099	0	%100
84	M82	Z	0	0	0	%100
85	MP5C	X	8.339	8.339	0	%100
86	MP5C	Z	0	0	0	%100
87	MP1A	X	8.339	8.339	0	%100
88	MP1A	Z	0	0	0	%100
89	M90	X	0	0	0	%100
90	M90	Z	0	0	0	%100
91	M91	X	13.166	13.166	0	%100
92	M91	Z	0	0	0	%100
93	M92	X	13.166	13.166	0	%100
94	M92	Z	0	0	0	%100
95	MP2C	X	8.339	8.339	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
96	MP2C	Z	0	0	0	%100
97	MP4C	X	8.339	8.339	0	%100
98	MP4C	Z	0	0	0	%100
99	MP2B	X	8.339	8.339	0	%100
100	MP2B	Z	0	0	0	%100
101	MP4B	X	8.339	8.339	0	%100
102	MP4B	Z	0	0	0	%100
103	M111	X	0	0	0	%100
104	M111	Z	0	0	0	%100
105	M115	X	7.282	7.282	0	%100
106	M115	Z	0	0	0	%100
107	M116	X	0	0	0	%100
108	M116	Z	0	0	0	%100
109	M119	X	.987	.987	0	%100
110	M119	Z	0	0	0	%100
111	M123	X	1.821	1.821	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	4.099	4.099	0	%100
114	M124	Z	0	0	0	%100
115	M127	X	.987	.987	0	%100
116	M127	Z	0	0	0	%100
117	M131	X	1.821	1.821	0	%100
118	M131	Z	0	0	0	%100
119	M132	X	4.099	4.099	0	%100
120	M132	Z	0	0	0	%100
121	M135	X	10.533	10.533	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	10.533	10.533	0	%100
124	M136	Z	0	0	0	%100
125	M137	X	10.533	10.533	0	%100
126	M137	Z	0	0	0	%100
127	M138	X	10.533	10.533	0	%100
128	M138	Z	0	0	0	%100
129	M139	X	4.673	4.673	0	%100
130	M139	Z	0	0	0	%100
131	M140	X	4.673	4.673	0	%100
132	M140	Z	0	0	0	%100
133	M141	X	0	0	0	%100
134	M141	Z	0	0	0	%100
135	M142	X	10.533	10.533	0	%100
136	M142	Z	0	0	0	%100
137	M143	X	10.533	10.533	0	%100
138	M143	Z	0	0	0	%100
139	M144	X	10.533	10.533	0	%100
140	M144	Z	0	0	0	%100
141	M145	X	10.533	10.533	0	%100
142	M145	Z	0	0	0	%100
143	M146	X	9.946	9.946	0	%100
144	M146	Z	0	0	0	%100
145	M147	X	9.946	9.946	0	%100
146	M147	Z	0	0	0	%100
147	M148	X	8.778	8.778	0	%100
148	M148	Z	0	0	0	%100
149	M149	X	10.533	10.533	0	%100
150	M149	Z	0	0	0	%100
151	M150	X	10.533	10.533	0	%100
152	M150	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
153	M151	X	10.533	10.533	0	%100
154	M151	Z	0	0	0	%100
155	M152	X	10.533	10.533	0	%100
156	M152	Z	0	0	0	%100
157	M153	X	9.946	9.946	0	%100
158	M153	Z	0	0	0	%100
159	M154	X	9.946	9.946	0	%100
160	M154	Z	0	0	0	%100
161	M155	X	8.778	8.778	0	%100
162	M155	Z	0	0	0	%100
163	M148A	X	1.203	1.203	0	%100
164	M148A	Z	0	0	0	%100
165	M149A	X	1.203	1.203	0	%100
166	M149A	Z	0	0	0	%100
167	M150A	X	1.203	1.203	0	%100
168	M150A	Z	0	0	0	%100
169	M151A	X	1.203	1.203	0	%100
170	M151A	Z	0	0	0	%100
171	MP3C	X	7.079	7.079	0	%100
172	MP3C	Z	0	0	0	%100
173	M157	X	.301	.301	0	%100
174	M157	Z	0	0	0	%100
175	M158	X	.301	.301	0	%100
176	M158	Z	0	0	0	%100
177	M159	X	.301	.301	0	%100
178	M159	Z	0	0	0	%100
179	M160	X	.301	.301	0	%100
180	M160	Z	0	0	0	%100
181	MP3B	X	7.079	7.079	0	%100
182	MP3B	Z	0	0	0	%100
183	M166	X	.301	.301	0	%100
184	M166	Z	0	0	0	%100
185	M167	X	.301	.301	0	%100
186	M167	Z	0	0	0	%100
187	M168	X	.301	.301	0	%100
188	M168	Z	0	0	0	%100
189	M169	X	.301	.301	0	%100
190	M169	Z	0	0	0	%100
191	M174	X	0	0	0	%100
192	M174	Z	0	0	0	%100
193	M177	X	6.254	6.254	0	%100
194	M177	Z	0	0	0	%100
195	M180	X	6.254	6.254	0	%100
196	M180	Z	0	0	0	%100
197	M189	X	0	0	0	%100
198	M189	Z	0	0	0	%100
199	M190	X	4.87	4.87	0	%100
200	M190	Z	0	0	0	%100
201	M191	X	4.87	4.87	0	%100
202	M191	Z	0	0	0	%100
203	M192	X	9.605	9.605	0	%100
204	M192	Z	0	0	0	%100
205	M193	X	9.894	9.894	0	%100
206	M193	Z	0	0	0	%100
207	M194	X	4.286	4.286	0	%100
208	M194	Z	0	0	0	%100
209	M195	X	12.185	12.185	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
210	M195	Z	0	0	0	%100
211	M196	X	12.451	12.451	0	%100
212	M196	Z	0	0	0	%100
213	M197	X	4.306	4.306	0	%100
214	M197	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	X	5.089	5.089	0	%100
2	M1	Z	2.938	2.938	0	%100
3	MP3A	X	6.131	6.131	0	%100
4	MP3A	Z	3.539	3.539	0	%100
5	MP2A	X	7.222	7.222	0	%100
6	MP2A	Z	4.169	4.169	0	%100
7	M10	X	5.089	5.089	0	%100
8	M10	Z	2.938	2.938	0	%100
9	M19	X	20.355	20.355	0	%100
10	M19	Z	11.752	11.752	0	%100
11	M28	X	4.878	4.878	0	%100
12	M28	Z	2.816	2.816	0	%100
13	M31	X	4.878	4.878	0	%100
14	M31	Z	2.816	2.816	0	%100
15	M34	X	19.511	19.511	0	%100
16	M34	Z	11.265	11.265	0	%100
17	M40	X	.285	.285	0	%100
18	M40	Z	.165	.165	0	%100
19	M46	X	.285	.285	0	%100
20	M46	Z	.165	.165	0	%100
21	M52	X	1.14	1.14	0	%100
22	M52	Z	.658	.658	0	%100
23	M55	X	4.358	4.358	0	%100
24	M55	Z	2.516	2.516	0	%100
25	M56	X	12.374	12.374	0	%100
26	M56	Z	7.144	7.144	0	%100
27	M57	X	10.135	10.135	0	%100
28	M57	Z	5.852	5.852	0	%100
29	M58	X	10.135	10.135	0	%100
30	M58	Z	5.852	5.852	0	%100
31	M59	X	1.51	1.51	0	%100
32	M59	Z	.872	.872	0	%100
33	M60	X	1.51	1.51	0	%100
34	M60	Z	.872	.872	0	%100
35	M61	X	1.51	1.51	0	%100
36	M61	Z	.872	.872	0	%100
37	M62	X	1.51	1.51	0	%100
38	M62	Z	.872	.872	0	%100
39	M63	X	1.51	1.51	0	%100
40	M63	Z	.872	.872	0	%100
41	M64	X	1.51	1.51	0	%100
42	M64	Z	.872	.872	0	%100
43	M65	X	1.51	1.51	0	%100
44	M65	Z	.872	.872	0	%100
45	M66	X	3.942	3.942	0	%100
46	M66	Z	2.276	2.276	0	%100
47	M75	X	3.801	3.801	0	%100
48	M75	Z	2.194	2.194	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
49	M76	X	3.801	3.801	0	%100
50	M76	Z	2.194	2.194	0	%100
51	M77	X	15.203	15.203	0	%100
52	M77	Z	8.778	8.778	0	%100
53	M78	X	5.089	5.089	0	%100
54	M78	Z	2.938	2.938	0	%100
55	M79	X	5.089	5.089	0	%100
56	M79	Z	2.938	2.938	0	%100
57	M80	X	20.355	20.355	0	%100
58	M80	Z	11.752	11.752	0	%100
59	MP4A	X	7.222	7.222	0	%100
60	MP4A	Z	4.169	4.169	0	%100
61	M52A	X	6.456	6.456	0	%100
62	M52A	Z	3.727	3.727	0	%100
63	M56A	X	.309	.309	0	%100
64	M56A	Z	.178	.178	0	%100
65	M67	X	4.73	4.73	0	%100
66	M67	Z	2.731	2.731	0	%100
67	M68	X	1.183	1.183	0	%100
68	M68	Z	.683	.683	0	%100
69	MP5B	X	7.222	7.222	0	%100
70	MP5B	Z	4.169	4.169	0	%100
71	MP1C	X	7.222	7.222	0	%100
72	MP1C	Z	4.169	4.169	0	%100
73	M74A	X	4.73	4.73	0	%100
74	M74A	Z	2.731	2.731	0	%100
75	M75A	X	1.183	1.183	0	%100
76	M75A	Z	.683	.683	0	%100
77	MP5A	X	7.222	7.222	0	%100
78	MP5A	Z	4.169	4.169	0	%100
79	MP1B	X	7.222	7.222	0	%100
80	MP1B	Z	4.169	4.169	0	%100
81	M81	X	0	0	0	%100
82	M81	Z	0	0	0	%100
83	M82	X	4.733	4.733	0	%100
84	M82	Z	2.733	2.733	0	%100
85	MP5C	X	7.222	7.222	0	%100
86	MP5C	Z	4.169	4.169	0	%100
87	MP1A	X	7.222	7.222	0	%100
88	MP1A	Z	4.169	4.169	0	%100
89	M90	X	3.801	3.801	0	%100
90	M90	Z	2.194	2.194	0	%100
91	M91	X	3.801	3.801	0	%100
92	M91	Z	2.194	2.194	0	%100
93	M92	X	15.203	15.203	0	%100
94	M92	Z	8.778	8.778	0	%100
95	MP2C	X	7.222	7.222	0	%100
96	MP2C	Z	4.169	4.169	0	%100
97	MP4C	X	7.222	7.222	0	%100
98	MP4C	Z	4.169	4.169	0	%100
99	MP2B	X	7.222	7.222	0	%100
100	MP2B	Z	4.169	4.169	0	%100
101	MP4B	X	7.222	7.222	0	%100
102	MP4B	Z	4.169	4.169	0	%100
103	M111	X	.285	.285	0	%100
104	M111	Z	.165	.165	0	%100
105	M115	X	4.73	4.73	0	%100





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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
106	M115	Z	2.731	2.731	0	%100
107	M116	X	1.183	1.183	0	%100
108	M116	Z	.683	.683	0	%100
109	M119	X	.285	.285	0	%100
110	M119	Z	.165	.165	0	%100
111	M123	X	4.73	4.73	0	%100
112	M123	Z	2.731	2.731	0	%100
113	M124	X	1.183	1.183	0	%100
114	M124	Z	.683	.683	0	%100
115	M127	X	1.14	1.14	0	%100
116	M127	Z	.658	.658	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	0	0	0	%100
119	M132	X	4.733	4.733	0	%100
120	M132	Z	2.733	2.733	0	%100
121	M135	X	9.122	9.122	0	%100
122	M135	Z	5.267	5.267	0	%100
123	M136	X	9.122	9.122	0	%100
124	M136	Z	5.267	5.267	0	%100
125	M137	X	9.122	9.122	0	%100
126	M137	Z	5.267	5.267	0	%100
127	M138	X	9.122	9.122	0	%100
128	M138	Z	5.267	5.267	0	%100
129	M139	X	5.569	5.569	0	%100
130	M139	Z	3.215	3.215	0	%100
131	M140	X	5.569	5.569	0	%100
132	M140	Z	3.215	3.215	0	%100
133	M141	X	2.534	2.534	0	%100
134	M141	Z	1.463	1.463	0	%100
135	M142	X	9.122	9.122	0	%100
136	M142	Z	5.267	5.267	0	%100
137	M143	X	9.122	9.122	0	%100
138	M143	Z	5.267	5.267	0	%100
139	M144	X	9.122	9.122	0	%100
140	M144	Z	5.267	5.267	0	%100
141	M145	X	9.122	9.122	0	%100
142	M145	Z	5.267	5.267	0	%100
143	M146	X	5.569	5.569	0	%100
144	M146	Z	3.215	3.215	0	%100
145	M147	X	5.569	5.569	0	%100
146	M147	Z	3.215	3.215	0	%100
147	M148	X	2.534	2.534	0	%100
148	M148	Z	1.463	1.463	0	%100
149	M149	X	9.122	9.122	0	%100
150	M149	Z	5.267	5.267	0	%100
151	M150	X	9.122	9.122	0	%100
152	M150	Z	5.267	5.267	0	%100
153	M151	X	9.122	9.122	0	%100
154	M151	Z	5.267	5.267	0	%100
155	M152	X	9.122	9.122	0	%100
156	M152	Z	5.267	5.267	0	%100
157	M153	X	10.135	10.135	0	%100
158	M153	Z	5.852	5.852	0	%100
159	M154	X	10.135	10.135	0	%100
160	M154	Z	5.852	5.852	0	%100
161	M155	X	10.135	10.135	0	%100
162	M155	Z	5.852	5.852	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
163	M148A	X	.781	.781	0	%100
164	M148A	Z	.451	.451	0	%100
165	M149A	X	.781	.781	0	%100
166	M149A	Z	.451	.451	0	%100
167	M150A	X	.781	.781	0	%100
168	M150A	Z	.451	.451	0	%100
169	M151A	X	.781	.781	0	%100
170	M151A	Z	.451	.451	0	%100
171	MP3C	X	6.131	6.131	0	%100
172	MP3C	Z	3.539	3.539	0	%100
173	M157	X	.781	.781	0	%100
174	M157	Z	.451	.451	0	%100
175	M158	X	.781	.781	0	%100
176	M158	Z	.451	.451	0	%100
177	M159	X	.781	.781	0	%100
178	M159	Z	.451	.451	0	%100
179	M160	X	.781	.781	0	%100
180	M160	Z	.451	.451	0	%100
181	MP3B	X	6.131	6.131	0	%100
182	MP3B	Z	3.539	3.539	0	%100
183	M166	X	0	0	0	%100
184	M166	Z	0	0	0	%100
185	M167	X	0	0	0	%100
186	M167	Z	0	0	0	%100
187	M168	X	0	0	0	%100
188	M168	Z	0	0	0	%100
189	M169	X	0	0	0	%100
190	M169	Z	0	0	0	%100
191	M174	X	1.805	1.805	0	%100
192	M174	Z	1.042	1.042	0	%100
193	M177	X	1.805	1.805	0	%100
194	M177	Z	1.042	1.042	0	%100
195	M180	X	7.222	7.222	0	%100
196	M180	Z	4.169	4.169	0	%100
197	M189	X	1.406	1.406	0	%100
198	M189	Z	.812	.812	0	%100
199	M190	X	1.406	1.406	0	%100
200	M190	Z	.812	.812	0	%100
201	M191	X	5.624	5.624	0	%100
202	M191	Z	3.247	3.247	0	%100
203	M192	X	11.496	11.496	0	%100
204	M192	Z	6.637	6.637	0	%100
205	M193	X	4.681	4.681	0	%100
206	M193	Z	2.703	2.703	0	%100
207	M194	X	4.425	4.425	0	%100
208	M194	Z	2.555	2.555	0	%100
209	M195	X	11.505	11.505	0	%100
210	M195	Z	6.642	6.642	0	%100
211	M196	X	6.89	6.89	0	%100
212	M196	Z	3.978	3.978	0	%100
213	M197	X	6.665	6.665	0	%100
214	M197	Z	3.848	3.848	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	8.814	8.814	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
2	M1	Z	15.267	15.267	0 %100
3	MP3A	X	3.539	3.539	0 %100
4	MP3A	Z	6.131	6.131	0 %100
5	MP2A	X	4.169	4.169	0 %100
6	MP2A	Z	7.222	7.222	0 %100
7	M10	X	0	0	0 %100
8	M10	Z	0	0	0 %100
9	M19	X	8.814	8.814	0 %100
10	M19	Z	15.267	15.267	0 %100
11	M28	X	8.448	8.448	0 %100
12	M28	Z	14.633	14.633	0 %100
13	M31	X	0	0	0 %100
14	M31	Z	0	0	0 %100
15	M34	X	8.448	8.448	0 %100
16	M34	Z	14.633	14.633	0 %100
17	M40	X	.494	.494	0 %100
18	M40	Z	.855	.855	0 %100
19	M46	X	0	0	0 %100
20	M46	Z	0	0	0 %100
21	M52	X	.494	.494	0 %100
22	M52	Z	.855	.855	0 %100
23	M55	X	7.548	7.548	0 %100
24	M55	Z	13.074	13.074	0 %100
25	M56	X	2.381	2.381	0 %100
26	M56	Z	4.125	4.125	0 %100
27	M57	X	5.852	5.852	0 %100
28	M57	Z	10.135	10.135	0 %100
29	M58	X	5.852	5.852	0 %100
30	M58	Z	10.135	10.135	0 %100
31	M59	X	.291	.291	0 %100
32	M59	Z	.503	.503	0 %100
33	M60	X	.291	.291	0 %100
34	M60	Z	.503	.503	0 %100
35	M61	X	.291	.291	0 %100
36	M61	Z	.503	.503	0 %100
37	M62	X	.291	.291	0 %100
38	M62	Z	.503	.503	0 %100
39	M63	X	.291	.291	0 %100
40	M63	Z	.503	.503	0 %100
41	M64	X	.291	.291	0 %100
42	M64	Z	.503	.503	0 %100
43	M65	X	.291	.291	0 %100
44	M65	Z	.503	.503	0 %100
45	M66	X	.393	.393	0 %100
46	M66	Z	.682	.682	0 %100
47	M75	X	6.583	6.583	0 %100
48	M75	Z	11.402	11.402	0 %100
49	M76	X	0	0	0 %100
50	M76	Z	0	0	0 %100
51	M77	X	6.583	6.583	0 %100
52	M77	Z	11.402	11.402	0 %100
53	M78	X	8.814	8.814	0 %100
54	M78	Z	15.267	15.267	0 %100
55	M79	X	0	0	0 %100
56	M79	Z	0	0	0 %100
57	M80	X	8.814	8.814	0 %100
58	M80	Z	15.267	15.267	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
59	MP4A	X	4.169	4.169	0	%100
60	MP4A	Z	7.222	7.222	0	%100
61	M52A	X	3.942	3.942	0	%100
62	M52A	Z	6.829	6.829	0	%100
63	M56A	X	1.845	1.845	0	%100
64	M56A	Z	3.196	3.196	0	%100
65	M67	X	.91	.91	0	%100
66	M67	Z	1.577	1.577	0	%100
67	M68	X	2.05	2.05	0	%100
68	M68	Z	3.55	3.55	0	%100
69	MP5B	X	4.169	4.169	0	%100
70	MP5B	Z	7.222	7.222	0	%100
71	MP1C	X	4.169	4.169	0	%100
72	MP1C	Z	7.222	7.222	0	%100
73	M74A	X	3.641	3.641	0	%100
74	M74A	Z	6.307	6.307	0	%100
75	M75A	X	0	0	0	%100
76	M75A	Z	0	0	0	%100
77	MP5A	X	4.169	4.169	0	%100
78	MP5A	Z	7.222	7.222	0	%100
79	MP1B	X	4.169	4.169	0	%100
80	MP1B	Z	7.222	7.222	0	%100
81	M81	X	.91	.91	0	%100
82	M81	Z	1.577	1.577	0	%100
83	M82	X	2.05	2.05	0	%100
84	M82	Z	3.55	3.55	0	%100
85	MP5C	X	4.169	4.169	0	%100
86	MP5C	Z	7.222	7.222	0	%100
87	MP1A	X	4.169	4.169	0	%100
88	MP1A	Z	7.222	7.222	0	%100
89	M90	X	6.583	6.583	0	%100
90	M90	Z	11.402	11.402	0	%100
91	M91	X	0	0	0	%100
92	M91	Z	0	0	0	%100
93	M92	X	6.583	6.583	0	%100
94	M92	Z	11.402	11.402	0	%100
95	MP2C	X	4.169	4.169	0	%100
96	MP2C	Z	7.222	7.222	0	%100
97	MP4C	X	4.169	4.169	0	%100
98	MP4C	Z	7.222	7.222	0	%100
99	MP2B	X	4.169	4.169	0	%100
100	MP2B	Z	7.222	7.222	0	%100
101	MP4B	X	4.169	4.169	0	%100
102	MP4B	Z	7.222	7.222	0	%100
103	M111	X	.494	.494	0	%100
104	M111	Z	.855	.855	0	%100
105	M115	X	.91	.91	0	%100
106	M115	Z	1.577	1.577	0	%100
107	M116	X	2.05	2.05	0	%100
108	M116	Z	3.55	3.55	0	%100
109	M119	X	0	0	0	%100
110	M119	Z	0	0	0	%100
111	M123	X	3.641	3.641	0	%100
112	M123	Z	6.307	6.307	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M127	X	.494	.494	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
116	M127	Z	.855	.855	0	%100
117	M131	X	.91	.91	0	%100
118	M131	Z	1.577	1.577	0	%100
119	M132	X	2.05	2.05	0	%100
120	M132	Z	3.55	3.55	0	%100
121	M135	X	5.267	5.267	0	%100
122	M135	Z	9.122	9.122	0	%100
123	M136	X	5.267	5.267	0	%100
124	M136	Z	9.122	9.122	0	%100
125	M137	X	5.267	5.267	0	%100
126	M137	Z	9.122	9.122	0	%100
127	M138	X	5.267	5.267	0	%100
128	M138	Z	9.122	9.122	0	%100
129	M139	X	4.973	4.973	0	%100
130	M139	Z	8.613	8.613	0	%100
131	M140	X	4.973	4.973	0	%100
132	M140	Z	8.613	8.613	0	%100
133	M141	X	4.389	4.389	0	%100
134	M141	Z	7.602	7.602	0	%100
135	M142	X	5.267	5.267	0	%100
136	M142	Z	9.122	9.122	0	%100
137	M143	X	5.267	5.267	0	%100
138	M143	Z	9.122	9.122	0	%100
139	M144	X	5.267	5.267	0	%100
140	M144	Z	9.122	9.122	0	%100
141	M145	X	5.267	5.267	0	%100
142	M145	Z	9.122	9.122	0	%100
143	M146	X	2.337	2.337	0	%100
144	M146	Z	4.047	4.047	0	%100
145	M147	X	2.337	2.337	0	%100
146	M147	Z	4.047	4.047	0	%100
147	M148	X	0	0	0	%100
148	M148	Z	0	0	0	%100
149	M149	X	5.267	5.267	0	%100
150	M149	Z	9.122	9.122	0	%100
151	M150	X	5.267	5.267	0	%100
152	M150	Z	9.122	9.122	0	%100
153	M151	X	5.267	5.267	0	%100
154	M151	Z	9.122	9.122	0	%100
155	M152	X	5.267	5.267	0	%100
156	M152	Z	9.122	9.122	0	%100
157	M153	X	4.973	4.973	0	%100
158	M153	Z	8.613	8.613	0	%100
159	M154	X	4.973	4.973	0	%100
160	M154	Z	8.613	8.613	0	%100
161	M155	X	4.389	4.389	0	%100
162	M155	Z	7.602	7.602	0	%100
163	M148A	X	.15	.15	0	%100
164	M148A	Z	.26	.26	0	%100
165	M149A	X	.15	.15	0	%100
166	M149A	Z	.26	.26	0	%100
167	M150A	X	.15	.15	0	%100
168	M150A	Z	.26	.26	0	%100
169	M151A	X	.15	.15	0	%100
170	M151A	Z	.26	.26	0	%100
171	MP3C	X	3.539	3.539	0	%100
172	MP3C	Z	6.131	6.131	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
173	M157	X	.601	.601	0	%100
174	M157	Z	1.042	1.042	0	%100
175	M158	X	.601	.601	0	%100
176	M158	Z	1.042	1.042	0	%100
177	M159	X	.601	.601	0	%100
178	M159	Z	1.042	1.042	0	%100
179	M160	X	.601	.601	0	%100
180	M160	Z	1.042	1.042	0	%100
181	MP3B	X	3.539	3.539	0	%100
182	MP3B	Z	6.131	6.131	0	%100
183	M166	X	.15	.15	0	%100
184	M166	Z	.26	.26	0	%100
185	M167	X	.15	.15	0	%100
186	M167	Z	.26	.26	0	%100
187	M168	X	.15	.15	0	%100
188	M168	Z	.26	.26	0	%100
189	M169	X	.15	.15	0	%100
190	M169	Z	.26	.26	0	%100
191	M174	X	3.127	3.127	0	%100
192	M174	Z	5.416	5.416	0	%100
193	M177	X	0	0	0	%100
194	M177	Z	0	0	0	%100
195	M180	X	3.127	3.127	0	%100
196	M180	Z	5.416	5.416	0	%100
197	M189	X	2.435	2.435	0	%100
198	M189	Z	4.218	4.218	0	%100
199	M190	X	0	0	0	%100
200	M190	Z	0	0	0	%100
201	M191	X	2.435	2.435	0	%100
202	M191	Z	4.218	4.218	0	%100
203	M192	X	6.225	6.225	0	%100
204	M192	Z	10.783	10.783	0	%100
205	M193	X	2.153	2.153	0	%100
206	M193	Z	3.729	3.729	0	%100
207	M194	X	4.802	4.802	0	%100
208	M194	Z	8.318	8.318	0	%100
209	M195	X	4.947	4.947	0	%100
210	M195	Z	8.569	8.569	0	%100
211	M196	X	2.143	2.143	0	%100
212	M196	Z	3.712	3.712	0	%100
213	M197	X	6.093	6.093	0	%100
214	M197	Z	10.553	10.553	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	0	0	0	%100
2	M1	Z	23.504	23.504	0	%100
3	MP3A	X	0	0	0	%100
4	MP3A	Z	7.079	7.079	0	%100
5	MP2A	X	0	0	0	%100
6	MP2A	Z	8.339	8.339	0	%100
7	M10	X	0	0	0	%100
8	M10	Z	5.876	5.876	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	5.876	5.876	0	%100
11	M28	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
12	M28	Z	22.529	22.529	0	%100
13	M31	X	0	0	0	%100
14	M31	Z	5.632	5.632	0	%100
15	M34	X	0	0	0	%100
16	M34	Z	5.632	5.632	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	1.317	1.317	0	%100
19	M46	X	0	0	0	%100
20	M46	Z	.329	.329	0	%100
21	M52	X	0	0	0	%100
22	M52	Z	.329	.329	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	20.128	20.128	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	0	0	0	%100
27	M57	X	0	0	0	%100
28	M57	Z	11.703	11.703	0	%100
29	M58	X	0	0	0	%100
30	M58	Z	11.703	11.703	0	%100
31	M59	X	0	0	0	%100
32	M59	Z	0	0	0	%100
33	M60	X	0	0	0	%100
34	M60	Z	0	0	0	%100
35	M61	X	0	0	0	%100
36	M61	Z	0	0	0	%100
37	M62	X	0	0	0	%100
38	M62	Z	0	0	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M65	X	0	0	0	%100
44	M65	Z	0	0	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	.356	.356	0	%100
47	M75	X	0	0	0	%100
48	M75	Z	17.555	17.555	0	%100
49	M76	X	0	0	0	%100
50	M76	Z	4.389	4.389	0	%100
51	M77	X	0	0	0	%100
52	M77	Z	4.389	4.389	0	%100
53	M78	X	0	0	0	%100
54	M78	Z	23.504	23.504	0	%100
55	M79	X	0	0	0	%100
56	M79	Z	5.876	5.876	0	%100
57	M80	X	0	0	0	%100
58	M80	Z	5.876	5.876	0	%100
59	MP4A	X	0	0	0	%100
60	MP4A	Z	8.339	8.339	0	%100
61	M52A	X	0	0	0	%100
62	M52A	Z	4.551	4.551	0	%100
63	M56A	X	0	0	0	%100
64	M56A	Z	7.454	7.454	0	%100
65	M67	X	0	0	0	%100
66	M67	Z	0	0	0	%100
67	M68	X	0	0	0	%100
68	M68	Z	5.466	5.466	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
69	MP5B	X	0	0	%100
70	MP5B	Z	8.339	8.339	%100
71	MP1C	X	0	0	%100
72	MP1C	Z	8.339	8.339	%100
73	M74A	X	0	0	%100
74	M74A	Z	5.462	5.462	%100
75	M75A	X	0	0	%100
76	M75A	Z	1.366	1.366	%100
77	MP5A	X	0	0	%100
78	MP5A	Z	8.339	8.339	%100
79	MP1B	X	0	0	%100
80	MP1B	Z	8.339	8.339	%100
81	M81	X	0	0	%100
82	M81	Z	5.462	5.462	%100
83	M82	X	0	0	%100
84	M82	Z	1.366	1.366	%100
85	MP5C	X	0	0	%100
86	MP5C	Z	8.339	8.339	%100
87	MP1A	X	0	0	%100
88	MP1A	Z	8.339	8.339	%100
89	M90	X	0	0	%100
90	M90	Z	17.555	17.555	%100
91	M91	X	0	0	%100
92	M91	Z	4.389	4.389	%100
93	M92	X	0	0	%100
94	M92	Z	4.389	4.389	%100
95	MP2C	X	0	0	%100
96	MP2C	Z	8.339	8.339	%100
97	MP4C	X	0	0	%100
98	MP4C	Z	8.339	8.339	%100
99	MP2B	X	0	0	%100
100	MP2B	Z	8.339	8.339	%100
101	MP4B	X	0	0	%100
102	MP4B	Z	8.339	8.339	%100
103	M111	X	0	0	%100
104	M111	Z	1.317	1.317	%100
105	M115	X	0	0	%100
106	M115	Z	0	0	%100
107	M116	X	0	0	%100
108	M116	Z	5.466	5.466	%100
109	M119	X	0	0	%100
110	M119	Z	.329	.329	%100
111	M123	X	0	0	%100
112	M123	Z	5.462	5.462	%100
113	M124	X	0	0	%100
114	M124	Z	1.366	1.366	%100
115	M127	X	0	0	%100
116	M127	Z	.329	.329	%100
117	M131	X	0	0	%100
118	M131	Z	5.462	5.462	%100
119	M132	X	0	0	%100
120	M132	Z	1.366	1.366	%100
121	M135	X	0	0	%100
122	M135	Z	10.533	10.533	%100
123	M136	X	0	0	%100
124	M136	Z	10.533	10.533	%100
125	M137	X	0	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
126	M137	Z	10.533	10.533	0 %100
127	M138	X	0	0	0 %100
128	M138	Z	10.533	10.533	0 %100
129	M139	X	0	0	0 %100
130	M139	Z	11.703	11.703	0 %100
131	M140	X	0	0	0 %100
132	M140	Z	11.703	11.703	0 %100
133	M141	X	0	0	0 %100
134	M141	Z	11.703	11.703	0 %100
135	M142	X	0	0	0 %100
136	M142	Z	10.533	10.533	0 %100
137	M143	X	0	0	0 %100
138	M143	Z	10.533	10.533	0 %100
139	M144	X	0	0	0 %100
140	M144	Z	10.533	10.533	0 %100
141	M145	X	0	0	0 %100
142	M145	Z	10.533	10.533	0 %100
143	M146	X	0	0	0 %100
144	M146	Z	6.431	6.431	0 %100
145	M147	X	0	0	0 %100
146	M147	Z	6.431	6.431	0 %100
147	M148	X	0	0	0 %100
148	M148	Z	2.926	2.926	0 %100
149	M149	X	0	0	0 %100
150	M149	Z	10.533	10.533	0 %100
151	M150	X	0	0	0 %100
152	M150	Z	10.533	10.533	0 %100
153	M151	X	0	0	0 %100
154	M151	Z	10.533	10.533	0 %100
155	M152	X	0	0	0 %100
156	M152	Z	10.533	10.533	0 %100
157	M153	X	0	0	0 %100
158	M153	Z	6.431	6.431	0 %100
159	M154	X	0	0	0 %100
160	M154	Z	6.431	6.431	0 %100
161	M155	X	0	0	0 %100
162	M155	Z	2.926	2.926	0 %100
163	M148A	X	0	0	0 %100
164	M148A	Z	0	0	0 %100
165	M149A	X	0	0	0 %100
166	M149A	Z	0	0	0 %100
167	M150A	X	0	0	0 %100
168	M150A	Z	0	0	0 %100
169	M151A	X	0	0	0 %100
170	M151A	Z	0	0	0 %100
171	MP3C	X	0	0	0 %100
172	MP3C	Z	7.079	7.079	0 %100
173	M157	X	0	0	0 %100
174	M157	Z	.902	.902	0 %100
175	M158	X	0	0	0 %100
176	M158	Z	.902	.902	0 %100
177	M159	X	0	0	0 %100
178	M159	Z	.902	.902	0 %100
179	M160	X	0	0	0 %100
180	M160	Z	.902	.902	0 %100
181	MP3B	X	0	0	0 %100
182	MP3B	Z	7.079	7.079	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in.%]	End Location[in.%]
183	M166	X	0	0	0	%100
184	M166	Z	.902	.902	0	%100
185	M167	X	0	0	0	%100
186	M167	Z	.902	.902	0	%100
187	M168	X	0	0	0	%100
188	M168	Z	.902	.902	0	%100
189	M169	X	0	0	0	%100
190	M169	Z	.902	.902	0	%100
191	M174	X	0	0	0	%100
192	M174	Z	8.339	8.339	0	%100
193	M177	X	0	0	0	%100
194	M177	Z	2.085	2.085	0	%100
195	M180	X	0	0	0	%100
196	M180	Z	2.085	2.085	0	%100
197	M189	X	0	0	0	%100
198	M189	Z	6.494	6.494	0	%100
199	M190	X	0	0	0	%100
200	M190	Z	1.623	1.623	0	%100
201	M191	X	0	0	0	%100
202	M191	Z	1.623	1.623	0	%100
203	M192	X	0	0	0	%100
204	M192	Z	7.956	7.956	0	%100
205	M193	X	0	0	0	%100
206	M193	Z	7.696	7.696	0	%100
207	M194	X	0	0	0	%100
208	M194	Z	13.275	13.275	0	%100
209	M195	X	0	0	0	%100
210	M195	Z	5.405	5.405	0	%100
211	M196	X	0	0	0	%100
212	M196	Z	5.11	5.11	0	%100
213	M197	X	0	0	0	%100
214	M197	Z	13.284	13.284	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in.%]	End Location[in.%]
1	M1	X	-8.814	-8.814	0	%100
2	M1	Z	15.267	15.267	0	%100
3	MP3A	X	-3.539	-3.539	0	%100
4	MP3A	Z	6.131	6.131	0	%100
5	MP2A	X	-4.169	-4.169	0	%100
6	MP2A	Z	7.222	7.222	0	%100
7	M10	X	-8.814	-8.814	0	%100
8	M10	Z	15.267	15.267	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	0	0	0	%100
11	M28	X	-8.448	-8.448	0	%100
12	M28	Z	14.633	14.633	0	%100
13	M31	X	-8.448	-8.448	0	%100
14	M31	Z	14.633	14.633	0	%100
15	M34	X	0	0	0	%100
16	M34	Z	0	0	0	%100
17	M40	X	-.494	-.494	0	%100
18	M40	Z	.855	.855	0	%100
19	M46	X	-.494	-.494	0	%100
20	M46	Z	.855	.855	0	%100
21	M52	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
22	M52	Z	0	0	0 %100
23	M55	X	-7.548	-7.548	0 %100
24	M55	Z	13.074	13.074	0 %100
25	M56	X	-2.381	-2.381	0 %100
26	M56	Z	4.125	4.125	0 %100
27	M57	X	-5.852	-5.852	0 %100
28	M57	Z	10.135	10.135	0 %100
29	M58	X	-5.852	-5.852	0 %100
30	M58	Z	10.135	10.135	0 %100
31	M59	X	-.291	-.291	0 %100
32	M59	Z	.503	.503	0 %100
33	M60	X	-.291	-.291	0 %100
34	M60	Z	.503	.503	0 %100
35	M61	X	-.291	-.291	0 %100
36	M61	Z	.503	.503	0 %100
37	M62	X	-.291	-.291	0 %100
38	M62	Z	.503	.503	0 %100
39	M63	X	-.291	-.291	0 %100
40	M63	Z	.503	.503	0 %100
41	M64	X	-.291	-.291	0 %100
42	M64	Z	.503	.503	0 %100
43	M65	X	-.291	-.291	0 %100
44	M65	Z	.503	.503	0 %100
45	M66	X	-1.845	-1.845	0 %100
46	M66	Z	3.196	3.196	0 %100
47	M75	X	-6.583	-6.583	0 %100
48	M75	Z	11.402	11.402	0 %100
49	M76	X	-6.583	-6.583	0 %100
50	M76	Z	11.402	11.402	0 %100
51	M77	X	0	0	0 %100
52	M77	Z	0	0	0 %100
53	M78	X	-8.814	-8.814	0 %100
54	M78	Z	15.267	15.267	0 %100
55	M79	X	-8.814	-8.814	0 %100
56	M79	Z	15.267	15.267	0 %100
57	M80	X	0	0	0 %100
58	M80	Z	0	0	0 %100
59	MP4A	X	-4.169	-4.169	0 %100
60	MP4A	Z	7.222	7.222	0 %100
61	M52A	X	-.393	-.393	0 %100
62	M52A	Z	.682	.682	0 %100
63	M56A	X	-3.942	-3.942	0 %100
64	M56A	Z	6.829	6.829	0 %100
65	M67	X	-.91	-.91	0 %100
66	M67	Z	1.577	1.577	0 %100
67	M68	X	-2.05	-2.05	0 %100
68	M68	Z	3.55	3.55	0 %100
69	MP5B	X	-4.169	-4.169	0 %100
70	MP5B	Z	7.222	7.222	0 %100
71	MP1C	X	-4.169	-4.169	0 %100
72	MP1C	Z	7.222	7.222	0 %100
73	M74A	X	-.91	-.91	0 %100
74	M74A	Z	1.577	1.577	0 %100
75	M75A	X	-2.05	-2.05	0 %100
76	M75A	Z	3.55	3.55	0 %100
77	MP5A	X	-4.169	-4.169	0 %100
78	MP5A	Z	7.222	7.222	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
79	MP1B	X	-4.169	-4.169	0 %100
80	MP1B	Z	7.222	7.222	0 %100
81	M81	X	-3.641	-3.641	0 %100
82	M81	Z	6.307	6.307	0 %100
83	M82	X	0	0	0 %100
84	M82	Z	0	0	0 %100
85	MP5C	X	-4.169	-4.169	0 %100
86	MP5C	Z	7.222	7.222	0 %100
87	MP1A	X	-4.169	-4.169	0 %100
88	MP1A	Z	7.222	7.222	0 %100
89	M90	X	-6.583	-6.583	0 %100
90	M90	Z	11.402	11.402	0 %100
91	M91	X	-6.583	-6.583	0 %100
92	M91	Z	11.402	11.402	0 %100
93	M92	X	0	0	0 %100
94	M92	Z	0	0	0 %100
95	MP2C	X	-4.169	-4.169	0 %100
96	MP2C	Z	7.222	7.222	0 %100
97	MP4C	X	-4.169	-4.169	0 %100
98	MP4C	Z	7.222	7.222	0 %100
99	MP2B	X	-4.169	-4.169	0 %100
100	MP2B	Z	7.222	7.222	0 %100
101	MP4B	X	-4.169	-4.169	0 %100
102	MP4B	Z	7.222	7.222	0 %100
103	M111	X	-.494	-.494	0 %100
104	M111	Z	.855	.855	0 %100
105	M115	X	-.91	-.91	0 %100
106	M115	Z	1.577	1.577	0 %100
107	M116	X	-2.05	-2.05	0 %100
108	M116	Z	3.55	3.55	0 %100
109	M119	X	-.494	-.494	0 %100
110	M119	Z	.855	.855	0 %100
111	M123	X	-.91	-.91	0 %100
112	M123	Z	1.577	1.577	0 %100
113	M124	X	-2.05	-2.05	0 %100
114	M124	Z	3.55	3.55	0 %100
115	M127	X	0	0	0 %100
116	M127	Z	0	0	0 %100
117	M131	X	-3.641	-3.641	0 %100
118	M131	Z	6.307	6.307	0 %100
119	M132	X	0	0	0 %100
120	M132	Z	0	0	0 %100
121	M135	X	-5.267	-5.267	0 %100
122	M135	Z	9.122	9.122	0 %100
123	M136	X	-5.267	-5.267	0 %100
124	M136	Z	9.122	9.122	0 %100
125	M137	X	-5.267	-5.267	0 %100
126	M137	Z	9.122	9.122	0 %100
127	M138	X	-5.267	-5.267	0 %100
128	M138	Z	9.122	9.122	0 %100
129	M139	X	-4.973	-4.973	0 %100
130	M139	Z	8.613	8.613	0 %100
131	M140	X	-4.973	-4.973	0 %100
132	M140	Z	8.613	8.613	0 %100
133	M141	X	-4.389	-4.389	0 %100
134	M141	Z	7.602	7.602	0 %100
135	M142	X	-5.267	-5.267	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
136	M142	Z	9.122	9.122	0 %100
137	M143	X	-5.267	-5.267	0 %100
138	M143	Z	9.122	9.122	0 %100
139	M144	X	-5.267	-5.267	0 %100
140	M144	Z	9.122	9.122	0 %100
141	M145	X	-5.267	-5.267	0 %100
142	M145	Z	9.122	9.122	0 %100
143	M146	X	-4.973	-4.973	0 %100
144	M146	Z	8.613	8.613	0 %100
145	M147	X	-4.973	-4.973	0 %100
146	M147	Z	8.613	8.613	0 %100
147	M148	X	-4.389	-4.389	0 %100
148	M148	Z	7.602	7.602	0 %100
149	M149	X	-5.267	-5.267	0 %100
150	M149	Z	9.122	9.122	0 %100
151	M150	X	-5.267	-5.267	0 %100
152	M150	Z	9.122	9.122	0 %100
153	M151	X	-5.267	-5.267	0 %100
154	M151	Z	9.122	9.122	0 %100
155	M152	X	-5.267	-5.267	0 %100
156	M152	Z	9.122	9.122	0 %100
157	M153	X	-2.337	-2.337	0 %100
158	M153	Z	4.047	4.047	0 %100
159	M154	X	-2.337	-2.337	0 %100
160	M154	Z	4.047	4.047	0 %100
161	M155	X	0	0	0 %100
162	M155	Z	0	0	0 %100
163	M148A	X	-.15	-.15	0 %100
164	M148A	Z	.26	.26	0 %100
165	M149A	X	-.15	-.15	0 %100
166	M149A	Z	.26	.26	0 %100
167	M150A	X	-.15	-.15	0 %100
168	M150A	Z	.26	.26	0 %100
169	M151A	X	-.15	-.15	0 %100
170	M151A	Z	.26	.26	0 %100
171	MP3C	X	-3.539	-3.539	0 %100
172	MP3C	Z	6.131	6.131	0 %100
173	M157	X	-.15	-.15	0 %100
174	M157	Z	.26	.26	0 %100
175	M158	X	-.15	-.15	0 %100
176	M158	Z	.26	.26	0 %100
177	M159	X	-.15	-.15	0 %100
178	M159	Z	.26	.26	0 %100
179	M160	X	-.15	-.15	0 %100
180	M160	Z	.26	.26	0 %100
181	MP3B	X	-3.539	-3.539	0 %100
182	MP3B	Z	6.131	6.131	0 %100
183	M166	X	-.601	-.601	0 %100
184	M166	Z	1.042	1.042	0 %100
185	M167	X	-.601	-.601	0 %100
186	M167	Z	1.042	1.042	0 %100
187	M168	X	-.601	-.601	0 %100
188	M168	Z	1.042	1.042	0 %100
189	M169	X	-.601	-.601	0 %100
190	M169	Z	1.042	1.042	0 %100
191	M174	X	-3.127	-3.127	0 %100
192	M174	Z	5.416	5.416	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
193	M177	X	-3.127	-3.127	0	%100
194	M177	Z	5.416	5.416	0	%100
195	M180	X	0	0	0	%100
196	M180	Z	0	0	0	%100
197	M189	X	-2.435	-2.435	0	%100
198	M189	Z	4.218	4.218	0	%100
199	M190	X	-2.435	-2.435	0	%100
200	M190	Z	4.218	4.218	0	%100
201	M191	X	0	0	0	%100
202	M191	Z	0	0	0	%100
203	M192	X	-2.143	-2.143	0	%100
204	M192	Z	3.712	3.712	0	%100
205	M193	X	-6.093	-6.093	0	%100
206	M193	Z	10.553	10.553	0	%100
207	M194	X	-6.225	-6.225	0	%100
208	M194	Z	10.783	10.783	0	%100
209	M195	X	-2.153	-2.153	0	%100
210	M195	Z	3.729	3.729	0	%100
211	M196	X	-4.802	-4.802	0	%100
212	M196	Z	8.318	8.318	0	%100
213	M197	X	-4.947	-4.947	0	%100
214	M197	Z	8.569	8.569	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	-5.089	-5.089	0	%100
2	M1	Z	2.938	2.938	0	%100
3	MP3A	X	-6.131	-6.131	0	%100
4	MP3A	Z	3.539	3.539	0	%100
5	MP2A	X	-7.222	-7.222	0	%100
6	MP2A	Z	4.169	4.169	0	%100
7	M10	X	-20.355	-20.355	0	%100
8	M10	Z	11.752	11.752	0	%100
9	M19	X	-5.089	-5.089	0	%100
10	M19	Z	2.938	2.938	0	%100
11	M28	X	-4.878	-4.878	0	%100
12	M28	Z	2.816	2.816	0	%100
13	M31	X	-19.511	-19.511	0	%100
14	M31	Z	11.265	11.265	0	%100
15	M34	X	-4.878	-4.878	0	%100
16	M34	Z	2.816	2.816	0	%100
17	M40	X	-.285	-.285	0	%100
18	M40	Z	.165	.165	0	%100
19	M46	X	-1.14	-1.14	0	%100
20	M46	Z	.658	.658	0	%100
21	M52	X	-.285	-.285	0	%100
22	M52	Z	.165	.165	0	%100
23	M55	X	-4.358	-4.358	0	%100
24	M55	Z	2.516	2.516	0	%100
25	M56	X	-12.374	-12.374	0	%100
26	M56	Z	7.144	7.144	0	%100
27	M57	X	-10.135	-10.135	0	%100
28	M57	Z	5.852	5.852	0	%100
29	M58	X	-10.135	-10.135	0	%100
30	M58	Z	5.852	5.852	0	%100
31	M59	X	-1.51	-1.51	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
32	M59	Z	.872	.872	0	%100
33	M60	X	-1.51	-1.51	0	%100
34	M60	Z	.872	.872	0	%100
35	M61	X	-1.51	-1.51	0	%100
36	M61	Z	.872	.872	0	%100
37	M62	X	-1.51	-1.51	0	%100
38	M62	Z	.872	.872	0	%100
39	M63	X	-1.51	-1.51	0	%100
40	M63	Z	.872	.872	0	%100
41	M64	X	-1.51	-1.51	0	%100
42	M64	Z	.872	.872	0	%100
43	M65	X	-1.51	-1.51	0	%100
44	M65	Z	.872	.872	0	%100
45	M66	X	-6.456	-6.456	0	%100
46	M66	Z	3.727	3.727	0	%100
47	M75	X	-3.801	-3.801	0	%100
48	M75	Z	2.194	2.194	0	%100
49	M76	X	-15.203	-15.203	0	%100
50	M76	Z	8.778	8.778	0	%100
51	M77	X	-3.801	-3.801	0	%100
52	M77	Z	2.194	2.194	0	%100
53	M78	X	-5.089	-5.089	0	%100
54	M78	Z	2.938	2.938	0	%100
55	M79	X	-20.355	-20.355	0	%100
56	M79	Z	11.752	11.752	0	%100
57	M80	X	-5.089	-5.089	0	%100
58	M80	Z	2.938	2.938	0	%100
59	MP4A	X	-7.222	-7.222	0	%100
60	MP4A	Z	4.169	4.169	0	%100
61	M52A	X	-.309	-.309	0	%100
62	M52A	Z	.178	.178	0	%100
63	M56A	X	-3.942	-3.942	0	%100
64	M56A	Z	2.276	2.276	0	%100
65	M67	X	-4.73	-4.73	0	%100
66	M67	Z	2.731	2.731	0	%100
67	M68	X	-1.183	-1.183	0	%100
68	M68	Z	.683	.683	0	%100
69	MP5B	X	-7.222	-7.222	0	%100
70	MP5B	Z	4.169	4.169	0	%100
71	MP1C	X	-7.222	-7.222	0	%100
72	MP1C	Z	4.169	4.169	0	%100
73	M74A	X	0	0	0	%100
74	M74A	Z	0	0	0	%100
75	M75A	X	-4.733	-4.733	0	%100
76	M75A	Z	2.733	2.733	0	%100
77	MP5A	X	-7.222	-7.222	0	%100
78	MP5A	Z	4.169	4.169	0	%100
79	MP1B	X	-7.222	-7.222	0	%100
80	MP1B	Z	4.169	4.169	0	%100
81	M81	X	-4.73	-4.73	0	%100
82	M81	Z	2.731	2.731	0	%100
83	M82	X	-1.183	-1.183	0	%100
84	M82	Z	.683	.683	0	%100
85	MP5C	X	-7.222	-7.222	0	%100
86	MP5C	Z	4.169	4.169	0	%100
87	MP1A	X	-7.222	-7.222	0	%100
88	MP1A	Z	4.169	4.169	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
89	M90	X	-3.801	-3.801	0 %100
90	M90	Z	2.194	2.194	0 %100
91	M91	X	-15.203	-15.203	0 %100
92	M91	Z	8.778	8.778	0 %100
93	M92	X	-3.801	-3.801	0 %100
94	M92	Z	2.194	2.194	0 %100
95	MP2C	X	-7.222	-7.222	0 %100
96	MP2C	Z	4.169	4.169	0 %100
97	MP4C	X	-7.222	-7.222	0 %100
98	MP4C	Z	4.169	4.169	0 %100
99	MP2B	X	-7.222	-7.222	0 %100
100	MP2B	Z	4.169	4.169	0 %100
101	MP4B	X	-7.222	-7.222	0 %100
102	MP4B	Z	4.169	4.169	0 %100
103	M111	X	-.285	-.285	0 %100
104	M111	Z	.165	.165	0 %100
105	M115	X	-4.73	-4.73	0 %100
106	M115	Z	2.731	2.731	0 %100
107	M116	X	-1.183	-1.183	0 %100
108	M116	Z	.683	.683	0 %100
109	M119	X	-1.14	-1.14	0 %100
110	M119	Z	.658	.658	0 %100
111	M123	X	0	0	0 %100
112	M123	Z	0	0	0 %100
113	M124	X	-4.733	-4.733	0 %100
114	M124	Z	2.733	2.733	0 %100
115	M127	X	-.285	-.285	0 %100
116	M127	Z	.165	.165	0 %100
117	M131	X	-4.73	-4.73	0 %100
118	M131	Z	2.731	2.731	0 %100
119	M132	X	-1.183	-1.183	0 %100
120	M132	Z	.683	.683	0 %100
121	M135	X	-9.122	-9.122	0 %100
122	M135	Z	5.267	5.267	0 %100
123	M136	X	-9.122	-9.122	0 %100
124	M136	Z	5.267	5.267	0 %100
125	M137	X	-9.122	-9.122	0 %100
126	M137	Z	5.267	5.267	0 %100
127	M138	X	-9.122	-9.122	0 %100
128	M138	Z	5.267	5.267	0 %100
129	M139	X	-5.569	-5.569	0 %100
130	M139	Z	3.215	3.215	0 %100
131	M140	X	-5.569	-5.569	0 %100
132	M140	Z	3.215	3.215	0 %100
133	M141	X	-2.534	-2.534	0 %100
134	M141	Z	1.463	1.463	0 %100
135	M142	X	-9.122	-9.122	0 %100
136	M142	Z	5.267	5.267	0 %100
137	M143	X	-9.122	-9.122	0 %100
138	M143	Z	5.267	5.267	0 %100
139	M144	X	-9.122	-9.122	0 %100
140	M144	Z	5.267	5.267	0 %100
141	M145	X	-9.122	-9.122	0 %100
142	M145	Z	5.267	5.267	0 %100
143	M146	X	-10.135	-10.135	0 %100
144	M146	Z	5.852	5.852	0 %100
145	M147	X	-10.135	-10.135	0 %100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
146	M147	Z	5.852	5.852	0 %100
147	M148	X	-10.135	-10.135	0 %100
148	M148	Z	5.852	5.852	0 %100
149	M149	X	-9.122	-9.122	0 %100
150	M149	Z	5.267	5.267	0 %100
151	M150	X	-9.122	-9.122	0 %100
152	M150	Z	5.267	5.267	0 %100
153	M151	X	-9.122	-9.122	0 %100
154	M151	Z	5.267	5.267	0 %100
155	M152	X	-9.122	-9.122	0 %100
156	M152	Z	5.267	5.267	0 %100
157	M153	X	-5.569	-5.569	0 %100
158	M153	Z	3.215	3.215	0 %100
159	M154	X	-5.569	-5.569	0 %100
160	M154	Z	3.215	3.215	0 %100
161	M155	X	-2.534	-2.534	0 %100
162	M155	Z	1.463	1.463	0 %100
163	M148A	X	-.781	-.781	0 %100
164	M148A	Z	.451	.451	0 %100
165	M149A	X	-.781	-.781	0 %100
166	M149A	Z	.451	.451	0 %100
167	M150A	X	-.781	-.781	0 %100
168	M150A	Z	.451	.451	0 %100
169	M151A	X	-.781	-.781	0 %100
170	M151A	Z	.451	.451	0 %100
171	MP3C	X	-6.131	-6.131	0 %100
172	MP3C	Z	3.539	3.539	0 %100
173	M157	X	0	0	0 %100
174	M157	Z	0	0	0 %100
175	M158	X	0	0	0 %100
176	M158	Z	0	0	0 %100
177	M159	X	0	0	0 %100
178	M159	Z	0	0	0 %100
179	M160	X	0	0	0 %100
180	M160	Z	0	0	0 %100
181	MP3B	X	-6.131	-6.131	0 %100
182	MP3B	Z	3.539	3.539	0 %100
183	M166	X	-.781	-.781	0 %100
184	M166	Z	.451	.451	0 %100
185	M167	X	-.781	-.781	0 %100
186	M167	Z	.451	.451	0 %100
187	M168	X	-.781	-.781	0 %100
188	M168	Z	.451	.451	0 %100
189	M169	X	-.781	-.781	0 %100
190	M169	Z	.451	.451	0 %100
191	M174	X	-1.805	-1.805	0 %100
192	M174	Z	1.042	1.042	0 %100
193	M177	X	-7.222	-7.222	0 %100
194	M177	Z	4.169	4.169	0 %100
195	M180	X	-1.805	-1.805	0 %100
196	M180	Z	1.042	1.042	0 %100
197	M189	X	-1.406	-1.406	0 %100
198	M189	Z	.812	.812	0 %100
199	M190	X	-5.624	-5.624	0 %100
200	M190	Z	3.247	3.247	0 %100
201	M191	X	-1.406	-1.406	0 %100
202	M191	Z	.812	.812	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in.%]	End Location[in.%]
203	M192	X	-4.425	-4.425	0	%100
204	M192	Z	2.555	2.555	0	%100
205	M193	X	-11.505	-11.505	0	%100
206	M193	Z	6.642	6.642	0	%100
207	M194	X	-6.89	-6.89	0	%100
208	M194	Z	3.978	3.978	0	%100
209	M195	X	-6.665	-6.665	0	%100
210	M195	Z	3.848	3.848	0	%100
211	M196	X	-11.496	-11.496	0	%100
212	M196	Z	6.637	6.637	0	%100
213	M197	X	-4.681	-4.681	0	%100
214	M197	Z	2.703	2.703	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in.%]	End Location[in.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	MP3A	X	-7.079	-7.079	0	%100
4	MP3A	Z	0	0	0	%100
5	MP2A	X	-8.339	-8.339	0	%100
6	MP2A	Z	0	0	0	%100
7	M10	X	-17.628	-17.628	0	%100
8	M10	Z	0	0	0	%100
9	M19	X	-17.628	-17.628	0	%100
10	M19	Z	0	0	0	%100
11	M28	X	0	0	0	%100
12	M28	Z	0	0	0	%100
13	M31	X	-16.897	-16.897	0	%100
14	M31	Z	0	0	0	%100
15	M34	X	-16.897	-16.897	0	%100
16	M34	Z	0	0	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	0	0	0	%100
19	M46	X	-0.987	-0.987	0	%100
20	M46	Z	0	0	0	%100
21	M52	X	-0.987	-0.987	0	%100
22	M52	Z	0	0	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	-19.051	-19.051	0	%100
26	M56	Z	0	0	0	%100
27	M57	X	-11.703	-11.703	0	%100
28	M57	Z	0	0	0	%100
29	M58	X	-11.703	-11.703	0	%100
30	M58	Z	0	0	0	%100
31	M59	X	-2.324	-2.324	0	%100
32	M59	Z	0	0	0	%100
33	M60	X	-2.324	-2.324	0	%100
34	M60	Z	0	0	0	%100
35	M61	X	-2.324	-2.324	0	%100
36	M61	Z	0	0	0	%100
37	M62	X	-2.324	-2.324	0	%100
38	M62	Z	0	0	0	%100
39	M63	X	-2.324	-2.324	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	-2.324	-2.324	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
42	M64	Z	0	0	%100
43	M65	X	-2.324	-2.324	%100
44	M65	Z	0	0	%100
45	M66	X	-7.885	-7.885	%100
46	M66	Z	0	0	%100
47	M75	X	0	0	%100
48	M75	Z	0	0	%100
49	M76	X	-13.166	-13.166	%100
50	M76	Z	0	0	%100
51	M77	X	-13.166	-13.166	%100
52	M77	Z	0	0	%100
53	M78	X	0	0	%100
54	M78	Z	0	0	%100
55	M79	X	-17.628	-17.628	%100
56	M79	Z	0	0	%100
57	M80	X	-17.628	-17.628	%100
58	M80	Z	0	0	%100
59	MP4A	X	-8.339	-8.339	%100
60	MP4A	Z	0	0	%100
61	M52A	X	-3.69	-3.69	%100
62	M52A	Z	0	0	%100
63	M56A	X	-.787	-.787	%100
64	M56A	Z	0	0	%100
65	M67	X	-7.282	-7.282	%100
66	M67	Z	0	0	%100
67	M68	X	0	0	%100
68	M68	Z	0	0	%100
69	MP5B	X	-8.339	-8.339	%100
70	MP5B	Z	0	0	%100
71	MP1C	X	-8.339	-8.339	%100
72	MP1C	Z	0	0	%100
73	M74A	X	-1.821	-1.821	%100
74	M74A	Z	0	0	%100
75	M75A	X	-4.099	-4.099	%100
76	M75A	Z	0	0	%100
77	MP5A	X	-8.339	-8.339	%100
78	MP5A	Z	0	0	%100
79	MP1B	X	-8.339	-8.339	%100
80	MP1B	Z	0	0	%100
81	M81	X	-1.821	-1.821	%100
82	M81	Z	0	0	%100
83	M82	X	-4.099	-4.099	%100
84	M82	Z	0	0	%100
85	MP5C	X	-8.339	-8.339	%100
86	MP5C	Z	0	0	%100
87	MP1A	X	-8.339	-8.339	%100
88	MP1A	Z	0	0	%100
89	M90	X	0	0	%100
90	M90	Z	0	0	%100
91	M91	X	-13.166	-13.166	%100
92	M91	Z	0	0	%100
93	M92	X	-13.166	-13.166	%100
94	M92	Z	0	0	%100
95	MP2C	X	-8.339	-8.339	%100
96	MP2C	Z	0	0	%100
97	MP4C	X	-8.339	-8.339	%100
98	MP4C	Z	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
99	MP2B	X	-8.339	-8.339	0	%100
100	MP2B	Z	0	0	0	%100
101	MP4B	X	-8.339	-8.339	0	%100
102	MP4B	Z	0	0	0	%100
103	M111	X	0	0	0	%100
104	M111	Z	0	0	0	%100
105	M115	X	-7.282	-7.282	0	%100
106	M115	Z	0	0	0	%100
107	M116	X	0	0	0	%100
108	M116	Z	0	0	0	%100
109	M119	X	-987	-987	0	%100
110	M119	Z	0	0	0	%100
111	M123	X	-1.821	-1.821	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-4.099	-4.099	0	%100
114	M124	Z	0	0	0	%100
115	M127	X	-987	-987	0	%100
116	M127	Z	0	0	0	%100
117	M131	X	-1.821	-1.821	0	%100
118	M131	Z	0	0	0	%100
119	M132	X	-4.099	-4.099	0	%100
120	M132	Z	0	0	0	%100
121	M135	X	-10.533	-10.533	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	-10.533	-10.533	0	%100
124	M136	Z	0	0	0	%100
125	M137	X	-10.533	-10.533	0	%100
126	M137	Z	0	0	0	%100
127	M138	X	-10.533	-10.533	0	%100
128	M138	Z	0	0	0	%100
129	M139	X	-4.673	-4.673	0	%100
130	M139	Z	0	0	0	%100
131	M140	X	-4.673	-4.673	0	%100
132	M140	Z	0	0	0	%100
133	M141	X	0	0	0	%100
134	M141	Z	0	0	0	%100
135	M142	X	-10.533	-10.533	0	%100
136	M142	Z	0	0	0	%100
137	M143	X	-10.533	-10.533	0	%100
138	M143	Z	0	0	0	%100
139	M144	X	-10.533	-10.533	0	%100
140	M144	Z	0	0	0	%100
141	M145	X	-10.533	-10.533	0	%100
142	M145	Z	0	0	0	%100
143	M146	X	-9.946	-9.946	0	%100
144	M146	Z	0	0	0	%100
145	M147	X	-9.946	-9.946	0	%100
146	M147	Z	0	0	0	%100
147	M148	X	-8.778	-8.778	0	%100
148	M148	Z	0	0	0	%100
149	M149	X	-10.533	-10.533	0	%100
150	M149	Z	0	0	0	%100
151	M150	X	-10.533	-10.533	0	%100
152	M150	Z	0	0	0	%100
153	M151	X	-10.533	-10.533	0	%100
154	M151	Z	0	0	0	%100
155	M152	X	-10.533	-10.533	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
156	M152	Z	0	0	0	%100
157	M153	X	-9.946	-9.946	0	%100
158	M153	Z	0	0	0	%100
159	M154	X	-9.946	-9.946	0	%100
160	M154	Z	0	0	0	%100
161	M155	X	-8.778	-8.778	0	%100
162	M155	Z	0	0	0	%100
163	M148A	X	-1.203	-1.203	0	%100
164	M148A	Z	0	0	0	%100
165	M149A	X	-1.203	-1.203	0	%100
166	M149A	Z	0	0	0	%100
167	M150A	X	-1.203	-1.203	0	%100
168	M150A	Z	0	0	0	%100
169	M151A	X	-1.203	-1.203	0	%100
170	M151A	Z	0	0	0	%100
171	MP3C	X	-7.079	-7.079	0	%100
172	MP3C	Z	0	0	0	%100
173	M157	X	-.301	-.301	0	%100
174	M157	Z	0	0	0	%100
175	M158	X	-.301	-.301	0	%100
176	M158	Z	0	0	0	%100
177	M159	X	-.301	-.301	0	%100
178	M159	Z	0	0	0	%100
179	M160	X	-.301	-.301	0	%100
180	M160	Z	0	0	0	%100
181	MP3B	X	-7.079	-7.079	0	%100
182	MP3B	Z	0	0	0	%100
183	M166	X	-.301	-.301	0	%100
184	M166	Z	0	0	0	%100
185	M167	X	-.301	-.301	0	%100
186	M167	Z	0	0	0	%100
187	M168	X	-.301	-.301	0	%100
188	M168	Z	0	0	0	%100
189	M169	X	-.301	-.301	0	%100
190	M169	Z	0	0	0	%100
191	M174	X	0	0	0	%100
192	M174	Z	0	0	0	%100
193	M177	X	-6.254	-6.254	0	%100
194	M177	Z	0	0	0	%100
195	M180	X	-6.254	-6.254	0	%100
196	M180	Z	0	0	0	%100
197	M189	X	0	0	0	%100
198	M189	Z	0	0	0	%100
199	M190	X	-4.87	-4.87	0	%100
200	M190	Z	0	0	0	%100
201	M191	X	-4.87	-4.87	0	%100
202	M191	Z	0	0	0	%100
203	M192	X	-9.605	-9.605	0	%100
204	M192	Z	0	0	0	%100
205	M193	X	-9.894	-9.894	0	%100
206	M193	Z	0	0	0	%100
207	M194	X	-4.286	-4.286	0	%100
208	M194	Z	0	0	0	%100
209	M195	X	-12.185	-12.185	0	%100
210	M195	Z	0	0	0	%100
211	M196	X	-12.451	-12.451	0	%100
212	M196	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in. %]	End Location[in. %]
213	M197	X	-4.306	-4.306	0	%100
214	M197	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in. %]	End Location[in. %]
1	M1	X	-5.089	-5.089	0	%100
2	M1	Z	-2.938	-2.938	0	%100
3	MP3A	X	-6.131	-6.131	0	%100
4	MP3A	Z	-3.539	-3.539	0	%100
5	MP2A	X	-7.222	-7.222	0	%100
6	MP2A	Z	-4.169	-4.169	0	%100
7	M10	X	-5.089	-5.089	0	%100
8	M10	Z	-2.938	-2.938	0	%100
9	M19	X	-20.355	-20.355	0	%100
10	M19	Z	-11.752	-11.752	0	%100
11	M28	X	-4.878	-4.878	0	%100
12	M28	Z	-2.816	-2.816	0	%100
13	M31	X	-4.878	-4.878	0	%100
14	M31	Z	-2.816	-2.816	0	%100
15	M34	X	-19.511	-19.511	0	%100
16	M34	Z	-11.265	-11.265	0	%100
17	M40	X	-.285	-.285	0	%100
18	M40	Z	-.165	-.165	0	%100
19	M46	X	-.285	-.285	0	%100
20	M46	Z	-.165	-.165	0	%100
21	M52	X	-1.14	-1.14	0	%100
22	M52	Z	-.658	-.658	0	%100
23	M55	X	-4.358	-4.358	0	%100
24	M55	Z	-2.516	-2.516	0	%100
25	M56	X	-12.374	-12.374	0	%100
26	M56	Z	-7.144	-7.144	0	%100
27	M57	X	-10.135	-10.135	0	%100
28	M57	Z	-5.852	-5.852	0	%100
29	M58	X	-10.135	-10.135	0	%100
30	M58	Z	-5.852	-5.852	0	%100
31	M59	X	-1.51	-1.51	0	%100
32	M59	Z	-.872	-.872	0	%100
33	M60	X	-1.51	-1.51	0	%100
34	M60	Z	-.872	-.872	0	%100
35	M61	X	-1.51	-1.51	0	%100
36	M61	Z	-.872	-.872	0	%100
37	M62	X	-1.51	-1.51	0	%100
38	M62	Z	-.872	-.872	0	%100
39	M63	X	-1.51	-1.51	0	%100
40	M63	Z	-.872	-.872	0	%100
41	M64	X	-1.51	-1.51	0	%100
42	M64	Z	-.872	-.872	0	%100
43	M65	X	-1.51	-1.51	0	%100
44	M65	Z	-.872	-.872	0	%100
45	M66	X	-3.942	-3.942	0	%100
46	M66	Z	-2.276	-2.276	0	%100
47	M75	X	-3.801	-3.801	0	%100
48	M75	Z	-2.194	-2.194	0	%100
49	M76	X	-3.801	-3.801	0	%100
50	M76	Z	-2.194	-2.194	0	%100
51	M77	X	-15.203	-15.203	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
52	M77	Z	-8.778	-8.778	0 %100
53	M78	X	-5.089	-5.089	0 %100
54	M78	Z	-2.938	-2.938	0 %100
55	M79	X	-5.089	-5.089	0 %100
56	M79	Z	-2.938	-2.938	0 %100
57	M80	X	-20.355	-20.355	0 %100
58	M80	Z	-11.752	-11.752	0 %100
59	MP4A	X	-7.222	-7.222	0 %100
60	MP4A	Z	-4.169	-4.169	0 %100
61	M52A	X	-6.456	-6.456	0 %100
62	M52A	Z	-3.727	-3.727	0 %100
63	M56A	X	-3.09	-3.09	0 %100
64	M56A	Z	-1.78	-1.78	0 %100
65	M67	X	-4.73	-4.73	0 %100
66	M67	Z	-2.731	-2.731	0 %100
67	M68	X	-1.183	-1.183	0 %100
68	M68	Z	-683	-683	0 %100
69	MP5B	X	-7.222	-7.222	0 %100
70	MP5B	Z	-4.169	-4.169	0 %100
71	MP1C	X	-7.222	-7.222	0 %100
72	MP1C	Z	-4.169	-4.169	0 %100
73	M74A	X	-4.73	-4.73	0 %100
74	M74A	Z	-2.731	-2.731	0 %100
75	M75A	X	-1.183	-1.183	0 %100
76	M75A	Z	-683	-683	0 %100
77	MP5A	X	-7.222	-7.222	0 %100
78	MP5A	Z	-4.169	-4.169	0 %100
79	MP1B	X	-7.222	-7.222	0 %100
80	MP1B	Z	-4.169	-4.169	0 %100
81	M81	X	0	0	0 %100
82	M81	Z	0	0	0 %100
83	M82	X	-4.733	-4.733	0 %100
84	M82	Z	-2.733	-2.733	0 %100
85	MP5C	X	-7.222	-7.222	0 %100
86	MP5C	Z	-4.169	-4.169	0 %100
87	MP1A	X	-7.222	-7.222	0 %100
88	MP1A	Z	-4.169	-4.169	0 %100
89	M90	X	-3.801	-3.801	0 %100
90	M90	Z	-2.194	-2.194	0 %100
91	M91	X	-3.801	-3.801	0 %100
92	M91	Z	-2.194	-2.194	0 %100
93	M92	X	-15.203	-15.203	0 %100
94	M92	Z	-8.778	-8.778	0 %100
95	MP2C	X	-7.222	-7.222	0 %100
96	MP2C	Z	-4.169	-4.169	0 %100
97	MP4C	X	-7.222	-7.222	0 %100
98	MP4C	Z	-4.169	-4.169	0 %100
99	MP2B	X	-7.222	-7.222	0 %100
100	MP2B	Z	-4.169	-4.169	0 %100
101	MP4B	X	-7.222	-7.222	0 %100
102	MP4B	Z	-4.169	-4.169	0 %100
103	M111	X	-285	-285	0 %100
104	M111	Z	-165	-165	0 %100
105	M115	X	-4.73	-4.73	0 %100
106	M115	Z	-2.731	-2.731	0 %100
107	M116	X	-1.183	-1.183	0 %100
108	M116	Z	-683	-683	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
109	M119	X	-0.285	-0.285	0	%100
110	M119	Z	-0.165	-0.165	0	%100
111	M123	X	-4.73	-4.73	0	%100
112	M123	Z	-2.731	-2.731	0	%100
113	M124	X	-1.183	-1.183	0	%100
114	M124	Z	-0.683	-0.683	0	%100
115	M127	X	-1.14	-1.14	0	%100
116	M127	Z	-0.658	-0.658	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	0	0	0	%100
119	M132	X	-4.733	-4.733	0	%100
120	M132	Z	-2.733	-2.733	0	%100
121	M135	X	-9.122	-9.122	0	%100
122	M135	Z	-5.267	-5.267	0	%100
123	M136	X	-9.122	-9.122	0	%100
124	M136	Z	-5.267	-5.267	0	%100
125	M137	X	-9.122	-9.122	0	%100
126	M137	Z	-5.267	-5.267	0	%100
127	M138	X	-9.122	-9.122	0	%100
128	M138	Z	-5.267	-5.267	0	%100
129	M139	X	-5.569	-5.569	0	%100
130	M139	Z	-3.215	-3.215	0	%100
131	M140	X	-5.569	-5.569	0	%100
132	M140	Z	-3.215	-3.215	0	%100
133	M141	X	-2.534	-2.534	0	%100
134	M141	Z	-1.463	-1.463	0	%100
135	M142	X	-9.122	-9.122	0	%100
136	M142	Z	-5.267	-5.267	0	%100
137	M143	X	-9.122	-9.122	0	%100
138	M143	Z	-5.267	-5.267	0	%100
139	M144	X	-9.122	-9.122	0	%100
140	M144	Z	-5.267	-5.267	0	%100
141	M145	X	-9.122	-9.122	0	%100
142	M145	Z	-5.267	-5.267	0	%100
143	M146	X	-5.569	-5.569	0	%100
144	M146	Z	-3.215	-3.215	0	%100
145	M147	X	-5.569	-5.569	0	%100
146	M147	Z	-3.215	-3.215	0	%100
147	M148	X	-2.534	-2.534	0	%100
148	M148	Z	-1.463	-1.463	0	%100
149	M149	X	-9.122	-9.122	0	%100
150	M149	Z	-5.267	-5.267	0	%100
151	M150	X	-9.122	-9.122	0	%100
152	M150	Z	-5.267	-5.267	0	%100
153	M151	X	-9.122	-9.122	0	%100
154	M151	Z	-5.267	-5.267	0	%100
155	M152	X	-9.122	-9.122	0	%100
156	M152	Z	-5.267	-5.267	0	%100
157	M153	X	-10.135	-10.135	0	%100
158	M153	Z	-5.852	-5.852	0	%100
159	M154	X	-10.135	-10.135	0	%100
160	M154	Z	-5.852	-5.852	0	%100
161	M155	X	-10.135	-10.135	0	%100
162	M155	Z	-5.852	-5.852	0	%100
163	M148A	X	-0.781	-0.781	0	%100
164	M148A	Z	-0.451	-0.451	0	%100
165	M149A	X	-0.781	-0.781	0	%100





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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
166	M149A	Z	-451	-451	0	%100
167	M150A	X	-781	-781	0	%100
168	M150A	Z	-451	-451	0	%100
169	M151A	X	-781	-781	0	%100
170	M151A	Z	-451	-451	0	%100
171	MP3C	X	-6.131	-6.131	0	%100
172	MP3C	Z	-3.539	-3.539	0	%100
173	M157	X	-781	-781	0	%100
174	M157	Z	-451	-451	0	%100
175	M158	X	-781	-781	0	%100
176	M158	Z	-451	-451	0	%100
177	M159	X	-781	-781	0	%100
178	M159	Z	-451	-451	0	%100
179	M160	X	-781	-781	0	%100
180	M160	Z	-451	-451	0	%100
181	MP3B	X	-6.131	-6.131	0	%100
182	MP3B	Z	-3.539	-3.539	0	%100
183	M166	X	0	0	0	%100
184	M166	Z	0	0	0	%100
185	M167	X	0	0	0	%100
186	M167	Z	0	0	0	%100
187	M168	X	0	0	0	%100
188	M168	Z	0	0	0	%100
189	M169	X	0	0	0	%100
190	M169	Z	0	0	0	%100
191	M174	X	-1.805	-1.805	0	%100
192	M174	Z	-1.042	-1.042	0	%100
193	M177	X	-1.805	-1.805	0	%100
194	M177	Z	-1.042	-1.042	0	%100
195	M180	X	-7.222	-7.222	0	%100
196	M180	Z	-4.169	-4.169	0	%100
197	M189	X	-1.406	-1.406	0	%100
198	M189	Z	-812	-812	0	%100
199	M190	X	-1.406	-1.406	0	%100
200	M190	Z	-812	-812	0	%100
201	M191	X	-5.624	-5.624	0	%100
202	M191	Z	-3.247	-3.247	0	%100
203	M192	X	-11.496	-11.496	0	%100
204	M192	Z	-6.637	-6.637	0	%100
205	M193	X	-4.681	-4.681	0	%100
206	M193	Z	-2.703	-2.703	0	%100
207	M194	X	-4.425	-4.425	0	%100
208	M194	Z	-2.555	-2.555	0	%100
209	M195	X	-11.505	-11.505	0	%100
210	M195	Z	-6.642	-6.642	0	%100
211	M196	X	-6.89	-6.89	0	%100
212	M196	Z	-3.978	-3.978	0	%100
213	M197	X	-6.665	-6.665	0	%100
214	M197	Z	-3.848	-3.848	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	-8.814	-8.814	0	%100
2	M1	Z	-15.267	-15.267	0	%100
3	MP3A	X	-3.539	-3.539	0	%100
4	MP3A	Z	-6.131	-6.131	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
5	MP2A	X	-4.169	-4.169	0 %100
6	MP2A	Z	-7.222	-7.222	0 %100
7	M10	X	0	0	0 %100
8	M10	Z	0	0	0 %100
9	M19	X	-8.814	-8.814	0 %100
10	M19	Z	-15.267	-15.267	0 %100
11	M28	X	-8.448	-8.448	0 %100
12	M28	Z	-14.633	-14.633	0 %100
13	M31	X	0	0	0 %100
14	M31	Z	0	0	0 %100
15	M34	X	-8.448	-8.448	0 %100
16	M34	Z	-14.633	-14.633	0 %100
17	M40	X	-494	-494	0 %100
18	M40	Z	-855	-855	0 %100
19	M46	X	0	0	0 %100
20	M46	Z	0	0	0 %100
21	M52	X	-494	-494	0 %100
22	M52	Z	-855	-855	0 %100
23	M55	X	-7.548	-7.548	0 %100
24	M55	Z	-13.074	-13.074	0 %100
25	M56	X	-2.381	-2.381	0 %100
26	M56	Z	-4.125	-4.125	0 %100
27	M57	X	-5.852	-5.852	0 %100
28	M57	Z	-10.135	-10.135	0 %100
29	M58	X	-5.852	-5.852	0 %100
30	M58	Z	-10.135	-10.135	0 %100
31	M59	X	-291	-291	0 %100
32	M59	Z	-503	-503	0 %100
33	M60	X	-291	-291	0 %100
34	M60	Z	-503	-503	0 %100
35	M61	X	-291	-291	0 %100
36	M61	Z	-503	-503	0 %100
37	M62	X	-291	-291	0 %100
38	M62	Z	-503	-503	0 %100
39	M63	X	-291	-291	0 %100
40	M63	Z	-503	-503	0 %100
41	M64	X	-291	-291	0 %100
42	M64	Z	-503	-503	0 %100
43	M65	X	-291	-291	0 %100
44	M65	Z	-503	-503	0 %100
45	M66	X	-393	-393	0 %100
46	M66	Z	-682	-682	0 %100
47	M75	X	-6.583	-6.583	0 %100
48	M75	Z	-11.402	-11.402	0 %100
49	M76	X	0	0	0 %100
50	M76	Z	0	0	0 %100
51	M77	X	-6.583	-6.583	0 %100
52	M77	Z	-11.402	-11.402	0 %100
53	M78	X	-8.814	-8.814	0 %100
54	M78	Z	-15.267	-15.267	0 %100
55	M79	X	0	0	0 %100
56	M79	Z	0	0	0 %100
57	M80	X	-8.814	-8.814	0 %100
58	M80	Z	-15.267	-15.267	0 %100
59	MP4A	X	-4.169	-4.169	0 %100
60	MP4A	Z	-7.222	-7.222	0 %100
61	M52A	X	-3.942	-3.942	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
62	M52A	Z	-6.829	-6.829	0 %100
63	M56A	X	-1.845	-1.845	0 %100
64	M56A	Z	-3.196	-3.196	0 %100
65	M67	X	-.91	-.91	0 %100
66	M67	Z	-1.577	-1.577	0 %100
67	M68	X	-2.05	-2.05	0 %100
68	M68	Z	-3.55	-3.55	0 %100
69	MP5B	X	-4.169	-4.169	0 %100
70	MP5B	Z	-7.222	-7.222	0 %100
71	MP1C	X	-4.169	-4.169	0 %100
72	MP1C	Z	-7.222	-7.222	0 %100
73	M74A	X	-3.641	-3.641	0 %100
74	M74A	Z	-6.307	-6.307	0 %100
75	M75A	X	0	0	0 %100
76	M75A	Z	0	0	0 %100
77	MP5A	X	-4.169	-4.169	0 %100
78	MP5A	Z	-7.222	-7.222	0 %100
79	MP1B	X	-4.169	-4.169	0 %100
80	MP1B	Z	-7.222	-7.222	0 %100
81	M81	X	-.91	-.91	0 %100
82	M81	Z	-1.577	-1.577	0 %100
83	M82	X	-2.05	-2.05	0 %100
84	M82	Z	-3.55	-3.55	0 %100
85	MP5C	X	-4.169	-4.169	0 %100
86	MP5C	Z	-7.222	-7.222	0 %100
87	MP1A	X	-4.169	-4.169	0 %100
88	MP1A	Z	-7.222	-7.222	0 %100
89	M90	X	-6.583	-6.583	0 %100
90	M90	Z	-11.402	-11.402	0 %100
91	M91	X	0	0	0 %100
92	M91	Z	0	0	0 %100
93	M92	X	-6.583	-6.583	0 %100
94	M92	Z	-11.402	-11.402	0 %100
95	MP2C	X	-4.169	-4.169	0 %100
96	MP2C	Z	-7.222	-7.222	0 %100
97	MP4C	X	-4.169	-4.169	0 %100
98	MP4C	Z	-7.222	-7.222	0 %100
99	MP2B	X	-4.169	-4.169	0 %100
100	MP2B	Z	-7.222	-7.222	0 %100
101	MP4B	X	-4.169	-4.169	0 %100
102	MP4B	Z	-7.222	-7.222	0 %100
103	M111	X	-.494	-.494	0 %100
104	M111	Z	-.855	-.855	0 %100
105	M115	X	-.91	-.91	0 %100
106	M115	Z	-1.577	-1.577	0 %100
107	M116	X	-2.05	-2.05	0 %100
108	M116	Z	-3.55	-3.55	0 %100
109	M119	X	0	0	0 %100
110	M119	Z	0	0	0 %100
111	M123	X	-3.641	-3.641	0 %100
112	M123	Z	-6.307	-6.307	0 %100
113	M124	X	0	0	0 %100
114	M124	Z	0	0	0 %100
115	M127	X	-.494	-.494	0 %100
116	M127	Z	-.855	-.855	0 %100
117	M131	X	-.91	-.91	0 %100
118	M131	Z	-1.577	-1.577	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
119	M132	X	-2.05	-2.05	0 %100
120	M132	Z	-3.55	-3.55	0 %100
121	M135	X	-5.267	-5.267	0 %100
122	M135	Z	-9.122	-9.122	0 %100
123	M136	X	-5.267	-5.267	0 %100
124	M136	Z	-9.122	-9.122	0 %100
125	M137	X	-5.267	-5.267	0 %100
126	M137	Z	-9.122	-9.122	0 %100
127	M138	X	-5.267	-5.267	0 %100
128	M138	Z	-9.122	-9.122	0 %100
129	M139	X	-4.973	-4.973	0 %100
130	M139	Z	-8.613	-8.613	0 %100
131	M140	X	-4.973	-4.973	0 %100
132	M140	Z	-8.613	-8.613	0 %100
133	M141	X	-4.389	-4.389	0 %100
134	M141	Z	-7.602	-7.602	0 %100
135	M142	X	-5.267	-5.267	0 %100
136	M142	Z	-9.122	-9.122	0 %100
137	M143	X	-5.267	-5.267	0 %100
138	M143	Z	-9.122	-9.122	0 %100
139	M144	X	-5.267	-5.267	0 %100
140	M144	Z	-9.122	-9.122	0 %100
141	M145	X	-5.267	-5.267	0 %100
142	M145	Z	-9.122	-9.122	0 %100
143	M146	X	-2.337	-2.337	0 %100
144	M146	Z	-4.047	-4.047	0 %100
145	M147	X	-2.337	-2.337	0 %100
146	M147	Z	-4.047	-4.047	0 %100
147	M148	X	0	0	0 %100
148	M148	Z	0	0	0 %100
149	M149	X	-5.267	-5.267	0 %100
150	M149	Z	-9.122	-9.122	0 %100
151	M150	X	-5.267	-5.267	0 %100
152	M150	Z	-9.122	-9.122	0 %100
153	M151	X	-5.267	-5.267	0 %100
154	M151	Z	-9.122	-9.122	0 %100
155	M152	X	-5.267	-5.267	0 %100
156	M152	Z	-9.122	-9.122	0 %100
157	M153	X	-4.973	-4.973	0 %100
158	M153	Z	-8.613	-8.613	0 %100
159	M154	X	-4.973	-4.973	0 %100
160	M154	Z	-8.613	-8.613	0 %100
161	M155	X	-4.389	-4.389	0 %100
162	M155	Z	-7.602	-7.602	0 %100
163	M148A	X	-.15	-.15	0 %100
164	M148A	Z	-.26	-.26	0 %100
165	M149A	X	-.15	-.15	0 %100
166	M149A	Z	-.26	-.26	0 %100
167	M150A	X	-.15	-.15	0 %100
168	M150A	Z	-.26	-.26	0 %100
169	M151A	X	-.15	-.15	0 %100
170	M151A	Z	-.26	-.26	0 %100
171	MP3C	X	-3.539	-3.539	0 %100
172	MP3C	Z	-6.131	-6.131	0 %100
173	M157	X	-.601	-.601	0 %100
174	M157	Z	-1.042	-1.042	0 %100
175	M158	X	-.601	-.601	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
176	M158	Z	-1.042	-1.042	0	%100
177	M159	X	-.601	-.601	0	%100
178	M159	Z	-1.042	-1.042	0	%100
179	M160	X	-.601	-.601	0	%100
180	M160	Z	-1.042	-1.042	0	%100
181	MP3B	X	-3.539	-3.539	0	%100
182	MP3B	Z	-6.131	-6.131	0	%100
183	M166	X	-.15	-.15	0	%100
184	M166	Z	-.26	-.26	0	%100
185	M167	X	-.15	-.15	0	%100
186	M167	Z	-.26	-.26	0	%100
187	M168	X	-.15	-.15	0	%100
188	M168	Z	-.26	-.26	0	%100
189	M169	X	-.15	-.15	0	%100
190	M169	Z	-.26	-.26	0	%100
191	M174	X	-3.127	-3.127	0	%100
192	M174	Z	-5.416	-5.416	0	%100
193	M177	X	0	0	0	%100
194	M177	Z	0	0	0	%100
195	M180	X	-3.127	-3.127	0	%100
196	M180	Z	-5.416	-5.416	0	%100
197	M189	X	-2.435	-2.435	0	%100
198	M189	Z	-4.218	-4.218	0	%100
199	M190	X	0	0	0	%100
200	M190	Z	0	0	0	%100
201	M191	X	-2.435	-2.435	0	%100
202	M191	Z	-4.218	-4.218	0	%100
203	M192	X	-6.225	-6.225	0	%100
204	M192	Z	-10.783	-10.783	0	%100
205	M193	X	-2.153	-2.153	0	%100
206	M193	Z	-3.729	-3.729	0	%100
207	M194	X	-4.802	-4.802	0	%100
208	M194	Z	-8.318	-8.318	0	%100
209	M195	X	-4.947	-4.947	0	%100
210	M195	Z	-8.569	-8.569	0	%100
211	M196	X	-2.143	-2.143	0	%100
212	M196	Z	-3.712	-3.712	0	%100
213	M197	X	-6.093	-6.093	0	%100
214	M197	Z	-10.553	-10.553	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	0	0	0	%100
2	M1	Z	-5.906	-5.906	0	%100
3	MP3A	X	0	0	0	%100
4	MP3A	Z	-2.615	-2.615	0	%100
5	MP2A	X	0	0	0	%100
6	MP2A	Z	-3.039	-3.039	0	%100
7	M10	X	0	0	0	%100
8	M10	Z	-1.476	-1.476	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	-1.476	-1.476	0	%100
11	M28	X	0	0	0	%100
12	M28	Z	-5.721	-5.721	0	%100
13	M31	X	0	0	0	%100
14	M31	Z	-1.43	-1.43	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
15	M34	X	0	0	0	%100
16	M34	Z	-1.43	-1.43	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	-1.157	-1.157	0	%100
19	M46	X	0	0	0	%100
20	M46	Z	-.289	-.289	0	%100
21	M52	X	0	0	0	%100
22	M52	Z	-.289	-.289	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	-4.987	-4.987	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	0	0	0	%100
27	M57	X	0	0	0	%100
28	M57	Z	-3.675	-3.675	0	%100
29	M58	X	0	0	0	%100
30	M58	Z	-3.675	-3.675	0	%100
31	M59	X	0	0	0	%100
32	M59	Z	0	0	0	%100
33	M60	X	0	0	0	%100
34	M60	Z	0	0	0	%100
35	M61	X	0	0	0	%100
36	M61	Z	0	0	0	%100
37	M62	X	0	0	0	%100
38	M62	Z	0	0	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M65	X	0	0	0	%100
44	M65	Z	0	0	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	-.116	-.116	0	%100
47	M75	X	0	0	0	%100
48	M75	Z	-4.251	-4.251	0	%100
49	M76	X	0	0	0	%100
50	M76	Z	-1.063	-1.063	0	%100
51	M77	X	0	0	0	%100
52	M77	Z	-1.063	-1.063	0	%100
53	M78	X	0	0	0	%100
54	M78	Z	-5.906	-5.906	0	%100
55	M79	X	0	0	0	%100
56	M79	Z	-1.476	-1.476	0	%100
57	M80	X	0	0	0	%100
58	M80	Z	-1.476	-1.476	0	%100
59	MP4A	X	0	0	0	%100
60	MP4A	Z	-3.039	-3.039	0	%100
61	M52A	X	0	0	0	%100
62	M52A	Z	-1.477	-1.477	0	%100
63	M56A	X	0	0	0	%100
64	M56A	Z	-2.42	-2.42	0	%100
65	M67	X	0	0	0	%100
66	M67	Z	0	0	0	%100
67	M68	X	0	0	0	%100
68	M68	Z	-2.034	-2.034	0	%100
69	MP5B	X	0	0	0	%100
70	MP5B	Z	-3.039	-3.039	0	%100
71	MP1C	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
72	MP1C	Z	-3.039	-3.039	0	%100
73	M74A	X	0	0	0	%100
74	M74A	Z	-1.88	-1.88	0	%100
75	M75A	X	0	0	0	%100
76	M75A	Z	-.508	-.508	0	%100
77	MP5A	X	0	0	0	%100
78	MP5A	Z	-3.039	-3.039	0	%100
79	MP1B	X	0	0	0	%100
80	MP1B	Z	-3.039	-3.039	0	%100
81	M81	X	0	0	0	%100
82	M81	Z	-1.88	-1.88	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-.508	-.508	0	%100
85	MP5C	X	0	0	0	%100
86	MP5C	Z	-3.039	-3.039	0	%100
87	MP1A	X	0	0	0	%100
88	MP1A	Z	-3.039	-3.039	0	%100
89	M90	X	0	0	0	%100
90	M90	Z	-4.781	-4.781	0	%100
91	M91	X	0	0	0	%100
92	M91	Z	-1.195	-1.195	0	%100
93	M92	X	0	0	0	%100
94	M92	Z	-1.195	-1.195	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-3.039	-3.039	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	-3.039	-3.039	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-3.039	-3.039	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-3.039	-3.039	0	%100
103	M111	X	0	0	0	%100
104	M111	Z	-1.157	-1.157	0	%100
105	M115	X	0	0	0	%100
106	M115	Z	0	0	0	%100
107	M116	X	0	0	0	%100
108	M116	Z	-2.034	-2.034	0	%100
109	M119	X	0	0	0	%100
110	M119	Z	-.289	-.289	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-1.88	-1.88	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-.508	-.508	0	%100
115	M127	X	0	0	0	%100
116	M127	Z	-.289	-.289	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	-1.88	-1.88	0	%100
119	M132	X	0	0	0	%100
120	M132	Z	-.508	-.508	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	-3.244	-3.244	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	-3.244	-3.244	0	%100
125	M137	X	0	0	0	%100
126	M137	Z	-3.244	-3.244	0	%100
127	M138	X	0	0	0	%100
128	M138	Z	-3.244	-3.244	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
129	M139	X	0	0	%100
130	M139	Z	-3.62	-3.62	%100
131	M140	X	0	0	%100
132	M140	Z	-3.62	-3.62	%100
133	M141	X	0	0	%100
134	M141	Z	-3.631	-3.631	%100
135	M142	X	0	0	%100
136	M142	Z	-3.244	-3.244	%100
137	M143	X	0	0	%100
138	M143	Z	-3.244	-3.244	%100
139	M144	X	0	0	%100
140	M144	Z	-3.244	-3.244	%100
141	M145	X	0	0	%100
142	M145	Z	-3.244	-3.244	%100
143	M146	X	0	0	%100
144	M146	Z	-1.989	-1.989	%100
145	M147	X	0	0	%100
146	M147	Z	-1.989	-1.989	%100
147	M148	X	0	0	%100
148	M148	Z	-.908	-.908	%100
149	M149	X	0	0	%100
150	M149	Z	-3.244	-3.244	%100
151	M150	X	0	0	%100
152	M150	Z	-3.244	-3.244	%100
153	M151	X	0	0	%100
154	M151	Z	-3.244	-3.244	%100
155	M152	X	0	0	%100
156	M152	Z	-3.244	-3.244	%100
157	M153	X	0	0	%100
158	M153	Z	-1.989	-1.989	%100
159	M154	X	0	0	%100
160	M154	Z	-1.989	-1.989	%100
161	M155	X	0	0	%100
162	M155	Z	-.908	-.908	%100
163	M148A	X	0	0	%100
164	M148A	Z	0	0	%100
165	M149A	X	0	0	%100
166	M149A	Z	0	0	%100
167	M150A	X	0	0	%100
168	M150A	Z	0	0	%100
169	M151A	X	0	0	%100
170	M151A	Z	0	0	%100
171	MP3C	X	0	0	%100
172	MP3C	Z	-2.615	-2.615	%100
173	M157	X	0	0	%100
174	M157	Z	-.81	-.81	%100
175	M158	X	0	0	%100
176	M158	Z	-.81	-.81	%100
177	M159	X	0	0	%100
178	M159	Z	-.81	-.81	%100
179	M160	X	0	0	%100
180	M160	Z	-.81	-.81	%100
181	MP3B	X	0	0	%100
182	MP3B	Z	-2.615	-2.615	%100
183	M166	X	0	0	%100
184	M166	Z	-.81	-.81	%100
185	M167	X	0	0	%100





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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
186	M167	Z	-0.81	-0.81	0	%100
187	M168	X	0	0	0	%100
188	M168	Z	-0.81	-0.81	0	%100
189	M169	X	0	0	0	%100
190	M169	Z	-0.81	-0.81	0	%100
191	M174	X	0	0	0	%100
192	M174	Z	-3.039	-3.039	0	%100
193	M177	X	0	0	0	%100
194	M177	Z	-0.76	-0.76	0	%100
195	M180	X	0	0	0	%100
196	M180	Z	-0.76	-0.76	0	%100
197	M189	X	0	0	0	%100
198	M189	Z	-2.394	-2.394	0	%100
199	M190	X	0	0	0	%100
200	M190	Z	-0.599	-0.599	0	%100
201	M191	X	0	0	0	%100
202	M191	Z	-0.599	-0.599	0	%100
203	M192	X	0	0	0	%100
204	M192	Z	-2.337	-2.337	0	%100
205	M193	X	0	0	0	%100
206	M193	Z	-2.259	-2.259	0	%100
207	M194	X	0	0	0	%100
208	M194	Z	-3.899	-3.899	0	%100
209	M195	X	0	0	0	%100
210	M195	Z	-1.587	-1.587	0	%100
211	M196	X	0	0	0	%100
212	M196	Z	-1.501	-1.501	0	%100
213	M197	X	0	0	0	%100
214	M197	Z	-3.899	-3.899	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	X	2.215	2.215	0	%100
2	M1	Z	-3.836	-3.836	0	%100
3	MP3A	X	1.308	1.308	0	%100
4	MP3A	Z	-2.265	-2.265	0	%100
5	MP2A	X	1.519	1.519	0	%100
6	MP2A	Z	-2.632	-2.632	0	%100
7	M10	X	2.215	2.215	0	%100
8	M10	Z	-3.836	-3.836	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	0	0	0	%100
11	M28	X	2.146	2.146	0	%100
12	M28	Z	-3.716	-3.716	0	%100
13	M31	X	2.146	2.146	0	%100
14	M31	Z	-3.716	-3.716	0	%100
15	M34	X	0	0	0	%100
16	M34	Z	0	0	0	%100
17	M40	X	.434	.434	0	%100
18	M40	Z	-0.752	-0.752	0	%100
19	M46	X	.434	.434	0	%100
20	M46	Z	-0.752	-0.752	0	%100
21	M52	X	0	0	0	%100
22	M52	Z	0	0	0	%100
23	M55	X	1.87	1.87	0	%100
24	M55	Z	-3.239	-3.239	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
25	M56	X	.585	.585	0	%100
26	M56	Z	-1.014	-1.014	0	%100
27	M57	X	1.837	1.837	0	%100
28	M57	Z	-3.183	-3.183	0	%100
29	M58	X	1.837	1.837	0	%100
30	M58	Z	-3.183	-3.183	0	%100
31	M59	X	.175	.175	0	%100
32	M59	Z	-.302	-.302	0	%100
33	M60	X	.175	.175	0	%100
34	M60	Z	-.302	-.302	0	%100
35	M61	X	.175	.175	0	%100
36	M61	Z	-.302	-.302	0	%100
37	M62	X	.175	.175	0	%100
38	M62	Z	-.302	-.302	0	%100
39	M63	X	.175	.175	0	%100
40	M63	Z	-.302	-.302	0	%100
41	M64	X	.175	.175	0	%100
42	M64	Z	-.302	-.302	0	%100
43	M65	X	.175	.175	0	%100
44	M65	Z	-.302	-.302	0	%100
45	M66	X	.599	.599	0	%100
46	M66	Z	-1.037	-1.037	0	%100
47	M75	X	1.594	1.594	0	%100
48	M75	Z	-2.761	-2.761	0	%100
49	M76	X	1.594	1.594	0	%100
50	M76	Z	-2.761	-2.761	0	%100
51	M77	X	0	0	0	%100
52	M77	Z	0	0	0	%100
53	M78	X	2.215	2.215	0	%100
54	M78	Z	-3.836	-3.836	0	%100
55	M79	X	2.215	2.215	0	%100
56	M79	Z	-3.836	-3.836	0	%100
57	M80	X	0	0	0	%100
58	M80	Z	0	0	0	%100
59	MP4A	X	1.519	1.519	0	%100
60	MP4A	Z	-2.632	-2.632	0	%100
61	M52A	X	.128	.128	0	%100
62	M52A	Z	-.221	-.221	0	%100
63	M56A	X	1.28	1.28	0	%100
64	M56A	Z	-2.217	-2.217	0	%100
65	M67	X	.313	.313	0	%100
66	M67	Z	-.543	-.543	0	%100
67	M68	X	.763	.763	0	%100
68	M68	Z	-1.321	-1.321	0	%100
69	MP5B	X	1.519	1.519	0	%100
70	MP5B	Z	-2.632	-2.632	0	%100
71	MP1C	X	1.519	1.519	0	%100
72	MP1C	Z	-2.632	-2.632	0	%100
73	M74A	X	.313	.313	0	%100
74	M74A	Z	-.543	-.543	0	%100
75	M75A	X	.763	.763	0	%100
76	M75A	Z	-1.321	-1.321	0	%100
77	MP5A	X	1.519	1.519	0	%100
78	MP5A	Z	-2.632	-2.632	0	%100
79	MP1B	X	1.519	1.519	0	%100
80	MP1B	Z	-2.632	-2.632	0	%100
81	M81	X	1.253	1.253	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
82	M81	Z	-2.17	-2.17	0 %100
83	M82	X	0	0	0 %100
84	M82	Z	0	0	0 %100
85	MP5C	X	1.519	1.519	0 %100
86	MP5C	Z	-2.632	-2.632	0 %100
87	MP1A	X	1.519	1.519	0 %100
88	MP1A	Z	-2.632	-2.632	0 %100
89	M90	X	1.793	1.793	0 %100
90	M90	Z	-3.105	-3.105	0 %100
91	M91	X	1.793	1.793	0 %100
92	M91	Z	-3.105	-3.105	0 %100
93	M92	X	0	0	0 %100
94	M92	Z	0	0	0 %100
95	MP2C	X	1.519	1.519	0 %100
96	MP2C	Z	-2.632	-2.632	0 %100
97	MP4C	X	1.519	1.519	0 %100
98	MP4C	Z	-2.632	-2.632	0 %100
99	MP2B	X	1.519	1.519	0 %100
100	MP2B	Z	-2.632	-2.632	0 %100
101	MP4B	X	1.519	1.519	0 %100
102	MP4B	Z	-2.632	-2.632	0 %100
103	M111	X	.434	.434	0 %100
104	M111	Z	-.752	-.752	0 %100
105	M115	X	.313	.313	0 %100
106	M115	Z	-.543	-.543	0 %100
107	M116	X	.763	.763	0 %100
108	M116	Z	-1.321	-1.321	0 %100
109	M119	X	.434	.434	0 %100
110	M119	Z	-.752	-.752	0 %100
111	M123	X	.313	.313	0 %100
112	M123	Z	-.543	-.543	0 %100
113	M124	X	.763	.763	0 %100
114	M124	Z	-1.321	-1.321	0 %100
115	M127	X	0	0	0 %100
116	M127	Z	0	0	0 %100
117	M131	X	1.253	1.253	0 %100
118	M131	Z	-2.17	-2.17	0 %100
119	M132	X	0	0	0 %100
120	M132	Z	0	0	0 %100
121	M135	X	1.622	1.622	0 %100
122	M135	Z	-2.809	-2.809	0 %100
123	M136	X	1.622	1.622	0 %100
124	M136	Z	-2.809	-2.809	0 %100
125	M137	X	1.622	1.622	0 %100
126	M137	Z	-2.809	-2.809	0 %100
127	M138	X	1.622	1.622	0 %100
128	M138	Z	-2.809	-2.809	0 %100
129	M139	X	1.538	1.538	0 %100
130	M139	Z	-2.664	-2.664	0 %100
131	M140	X	1.538	1.538	0 %100
132	M140	Z	-2.664	-2.664	0 %100
133	M141	X	1.362	1.362	0 %100
134	M141	Z	-2.358	-2.358	0 %100
135	M142	X	1.622	1.622	0 %100
136	M142	Z	-2.809	-2.809	0 %100
137	M143	X	1.622	1.622	0 %100
138	M143	Z	-2.809	-2.809	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
139	M144	X	1.622	1.622	0	%100
140	M144	Z	-2.809	-2.809	0	%100
141	M145	X	1.622	1.622	0	%100
142	M145	Z	-2.809	-2.809	0	%100
143	M146	X	1.538	1.538	0	%100
144	M146	Z	-2.664	-2.664	0	%100
145	M147	X	1.538	1.538	0	%100
146	M147	Z	-2.664	-2.664	0	%100
147	M148	X	1.362	1.362	0	%100
148	M148	Z	-2.358	-2.358	0	%100
149	M149	X	1.622	1.622	0	%100
150	M149	Z	-2.809	-2.809	0	%100
151	M150	X	1.622	1.622	0	%100
152	M150	Z	-2.809	-2.809	0	%100
153	M151	X	1.622	1.622	0	%100
154	M151	Z	-2.809	-2.809	0	%100
155	M152	X	1.622	1.622	0	%100
156	M152	Z	-2.809	-2.809	0	%100
157	M153	X	.723	.723	0	%100
158	M153	Z	-1.252	-1.252	0	%100
159	M154	X	.723	.723	0	%100
160	M154	Z	-1.252	-1.252	0	%100
161	M155	X	0	0	0	%100
162	M155	Z	0	0	0	%100
163	M148A	X	.135	.135	0	%100
164	M148A	Z	-.234	-.234	0	%100
165	M149A	X	.135	.135	0	%100
166	M149A	Z	-.234	-.234	0	%100
167	M150A	X	.135	.135	0	%100
168	M150A	Z	-.234	-.234	0	%100
169	M151A	X	.135	.135	0	%100
170	M151A	Z	-.234	-.234	0	%100
171	MP3C	X	1.308	1.308	0	%100
172	MP3C	Z	-2.265	-2.265	0	%100
173	M157	X	.135	.135	0	%100
174	M157	Z	-.234	-.234	0	%100
175	M158	X	.135	.135	0	%100
176	M158	Z	-.234	-.234	0	%100
177	M159	X	.135	.135	0	%100
178	M159	Z	-.234	-.234	0	%100
179	M160	X	.135	.135	0	%100
180	M160	Z	-.234	-.234	0	%100
181	MP3B	X	1.308	1.308	0	%100
182	MP3B	Z	-2.265	-2.265	0	%100
183	M166	X	.54	.54	0	%100
184	M166	Z	-.936	-.936	0	%100
185	M167	X	.54	.54	0	%100
186	M167	Z	-.936	-.936	0	%100
187	M168	X	.54	.54	0	%100
188	M168	Z	-.936	-.936	0	%100
189	M169	X	.54	.54	0	%100
190	M169	Z	-.936	-.936	0	%100
191	M174	X	1.14	1.14	0	%100
192	M174	Z	-1.974	-1.974	0	%100
193	M177	X	1.14	1.14	0	%100
194	M177	Z	-1.974	-1.974	0	%100
195	M180	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
196	M180	Z	0	0	0	%100
197	M189	X	.898	.898	0	%100
198	M189	Z	-1.555	-1.555	0	%100
199	M190	X	.898	.898	0	%100
200	M190	Z	-1.555	-1.555	0	%100
201	M191	X	0	0	0	%100
202	M191	Z	0	0	0	%100
203	M192	X	.629	.629	0	%100
204	M192	Z	-1.09	-1.09	0	%100
205	M193	X	1.788	1.788	0	%100
206	M193	Z	-3.098	-3.098	0	%100
207	M194	X	1.828	1.828	0	%100
208	M194	Z	-3.167	-3.167	0	%100
209	M195	X	.632	.632	0	%100
210	M195	Z	-1.095	-1.095	0	%100
211	M196	X	1.41	1.41	0	%100
212	M196	Z	-2.443	-2.443	0	%100
213	M197	X	1.452	1.452	0	%100
214	M197	Z	-2.515	-2.515	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	1.279	1.279	0	%100
2	M1	Z	-.738	-.738	0	%100
3	MP3A	X	2.265	2.265	0	%100
4	MP3A	Z	-1.308	-1.308	0	%100
5	MP2A	X	2.632	2.632	0	%100
6	MP2A	Z	-1.519	-1.519	0	%100
7	M10	X	5.114	5.114	0	%100
8	M10	Z	-2.953	-2.953	0	%100
9	M19	X	1.279	1.279	0	%100
10	M19	Z	-.738	-.738	0	%100
11	M28	X	1.239	1.239	0	%100
12	M28	Z	-.715	-.715	0	%100
13	M31	X	4.955	4.955	0	%100
14	M31	Z	-2.861	-2.861	0	%100
15	M34	X	1.239	1.239	0	%100
16	M34	Z	-.715	-.715	0	%100
17	M40	X	.251	.251	0	%100
18	M40	Z	-.145	-.145	0	%100
19	M46	X	1.002	1.002	0	%100
20	M46	Z	-.579	-.579	0	%100
21	M52	X	.251	.251	0	%100
22	M52	Z	-.145	-.145	0	%100
23	M55	X	1.08	1.08	0	%100
24	M55	Z	-.623	-.623	0	%100
25	M56	X	3.041	3.041	0	%100
26	M56	Z	-1.756	-1.756	0	%100
27	M57	X	3.183	3.183	0	%100
28	M57	Z	-1.837	-1.837	0	%100
29	M58	X	3.183	3.183	0	%100
30	M58	Z	-1.837	-1.837	0	%100
31	M59	X	.907	.907	0	%100
32	M59	Z	-.524	-.524	0	%100
33	M60	X	.907	.907	0	%100
34	M60	Z	-.524	-.524	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
35	M61	X	.907	.907	0	%100
36	M61	Z	-.524	-.524	0	%100
37	M62	X	.907	.907	0	%100
38	M62	Z	-.524	-.524	0	%100
39	M63	X	.907	.907	0	%100
40	M63	Z	-.524	-.524	0	%100
41	M64	X	.907	.907	0	%100
42	M64	Z	-.524	-.524	0	%100
43	M65	X	.907	.907	0	%100
44	M65	Z	-.524	-.524	0	%100
45	M66	X	2.096	2.096	0	%100
46	M66	Z	-1.21	-1.21	0	%100
47	M75	X	.92	.92	0	%100
48	M75	Z	-.531	-.531	0	%100
49	M76	X	3.682	3.682	0	%100
50	M76	Z	-2.126	-2.126	0	%100
51	M77	X	.92	.92	0	%100
52	M77	Z	-.531	-.531	0	%100
53	M78	X	1.279	1.279	0	%100
54	M78	Z	-.738	-.738	0	%100
55	M79	X	5.114	5.114	0	%100
56	M79	Z	-2.953	-2.953	0	%100
57	M80	X	1.279	1.279	0	%100
58	M80	Z	-.738	-.738	0	%100
59	MP4A	X	2.632	2.632	0	%100
60	MP4A	Z	-1.519	-1.519	0	%100
61	M52A	X	.1	.1	0	%100
62	M52A	Z	-.058	-.058	0	%100
63	M56A	X	1.279	1.279	0	%100
64	M56A	Z	-.739	-.739	0	%100
65	M67	X	1.628	1.628	0	%100
66	M67	Z	-.94	-.94	0	%100
67	M68	X	.44	.44	0	%100
68	M68	Z	-.254	-.254	0	%100
69	MP5B	X	2.632	2.632	0	%100
70	MP5B	Z	-1.519	-1.519	0	%100
71	MP1C	X	2.632	2.632	0	%100
72	MP1C	Z	-1.519	-1.519	0	%100
73	M74A	X	0	0	0	%100
74	M74A	Z	0	0	0	%100
75	M75A	X	1.761	1.761	0	%100
76	M75A	Z	-1.017	-1.017	0	%100
77	MP5A	X	2.632	2.632	0	%100
78	MP5A	Z	-1.519	-1.519	0	%100
79	MP1B	X	2.632	2.632	0	%100
80	MP1B	Z	-1.519	-1.519	0	%100
81	M81	X	1.628	1.628	0	%100
82	M81	Z	-.94	-.94	0	%100
83	M82	X	.44	.44	0	%100
84	M82	Z	-.254	-.254	0	%100
85	MP5C	X	2.632	2.632	0	%100
86	MP5C	Z	-1.519	-1.519	0	%100
87	MP1A	X	2.632	2.632	0	%100
88	MP1A	Z	-1.519	-1.519	0	%100
89	M90	X	1.035	1.035	0	%100
90	M90	Z	-.598	-.598	0	%100
91	M91	X	4.141	4.141	0	%100



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

	Member Label	Direction	Start Magnitude lb/ft,...	End Magnitude lb/ft,F...	Start Location[in, %]	End Location[in, %]
92	M91	Z	-2.391	-2.391	0	%100
93	M92	X	1.035	1.035	0	%100
94	M92	Z	-.598	-.598	0	%100
95	MP2C	X	2.632	2.632	0	%100
96	MP2C	Z	-1.519	-1.519	0	%100
97	MP4C	X	2.632	2.632	0	%100
98	MP4C	Z	-1.519	-1.519	0	%100
99	MP2B	X	2.632	2.632	0	%100
100	MP2B	Z	-1.519	-1.519	0	%100
101	MP4B	X	2.632	2.632	0	%100
102	MP4B	Z	-1.519	-1.519	0	%100
103	M111	X	.251	.251	0	%100
104	M111	Z	-.145	-.145	0	%100
105	M115	X	1.628	1.628	0	%100
106	M115	Z	-.94	-.94	0	%100
107	M116	X	.44	.44	0	%100
108	M116	Z	-.254	-.254	0	%100
109	M119	X	1.002	1.002	0	%100
110	M119	Z	-.579	-.579	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	1.761	1.761	0	%100
114	M124	Z	-1.017	-1.017	0	%100
115	M127	X	.251	.251	0	%100
116	M127	Z	-.145	-.145	0	%100
117	M131	X	1.628	1.628	0	%100
118	M131	Z	-.94	-.94	0	%100
119	M132	X	.44	.44	0	%100
120	M132	Z	-.254	-.254	0	%100
121	M135	X	2.809	2.809	0	%100
122	M135	Z	-1.622	-1.622	0	%100
123	M136	X	2.809	2.809	0	%100
124	M136	Z	-1.622	-1.622	0	%100
125	M137	X	2.809	2.809	0	%100
126	M137	Z	-1.622	-1.622	0	%100
127	M138	X	2.809	2.809	0	%100
128	M138	Z	-1.622	-1.622	0	%100
129	M139	X	1.723	1.723	0	%100
130	M139	Z	-.995	-.995	0	%100
131	M140	X	1.723	1.723	0	%100
132	M140	Z	-.995	-.995	0	%100
133	M141	X	.786	.786	0	%100
134	M141	Z	-.454	-.454	0	%100
135	M142	X	2.809	2.809	0	%100
136	M142	Z	-1.622	-1.622	0	%100
137	M143	X	2.809	2.809	0	%100
138	M143	Z	-1.622	-1.622	0	%100
139	M144	X	2.809	2.809	0	%100
140	M144	Z	-1.622	-1.622	0	%100
141	M145	X	2.809	2.809	0	%100
142	M145	Z	-1.622	-1.622	0	%100
143	M146	X	3.135	3.135	0	%100
144	M146	Z	-1.81	-1.81	0	%100
145	M147	X	3.135	3.135	0	%100
146	M147	Z	-1.81	-1.81	0	%100
147	M148	X	3.144	3.144	0	%100
148	M148	Z	-1.815	-1.815	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
149	M149	X	2.809	2.809	0	%100
150	M149	Z	-1.622	-1.622	0	%100
151	M150	X	2.809	2.809	0	%100
152	M150	Z	-1.622	-1.622	0	%100
153	M151	X	2.809	2.809	0	%100
154	M151	Z	-1.622	-1.622	0	%100
155	M152	X	2.809	2.809	0	%100
156	M152	Z	-1.622	-1.622	0	%100
157	M153	X	1.723	1.723	0	%100
158	M153	Z	-.995	-.995	0	%100
159	M154	X	1.723	1.723	0	%100
160	M154	Z	-.995	-.995	0	%100
161	M155	X	.786	.786	0	%100
162	M155	Z	-.454	-.454	0	%100
163	M148A	X	.702	.702	0	%100
164	M148A	Z	-.405	-.405	0	%100
165	M149A	X	.702	.702	0	%100
166	M149A	Z	-.405	-.405	0	%100
167	M150A	X	.702	.702	0	%100
168	M150A	Z	-.405	-.405	0	%100
169	M151A	X	.702	.702	0	%100
170	M151A	Z	-.405	-.405	0	%100
171	MP3C	X	2.265	2.265	0	%100
172	MP3C	Z	-1.308	-1.308	0	%100
173	M157	X	0	0	0	%100
174	M157	Z	0	0	0	%100
175	M158	X	0	0	0	%100
176	M158	Z	0	0	0	%100
177	M159	X	0	0	0	%100
178	M159	Z	0	0	0	%100
179	M160	X	0	0	0	%100
180	M160	Z	0	0	0	%100
181	MP3B	X	2.265	2.265	0	%100
182	MP3B	Z	-1.308	-1.308	0	%100
183	M166	X	.702	.702	0	%100
184	M166	Z	-.405	-.405	0	%100
185	M167	X	.702	.702	0	%100
186	M167	Z	-.405	-.405	0	%100
187	M168	X	.702	.702	0	%100
188	M168	Z	-.405	-.405	0	%100
189	M169	X	.702	.702	0	%100
190	M169	Z	-.405	-.405	0	%100
191	M174	X	.658	.658	0	%100
192	M174	Z	-.38	-.38	0	%100
193	M177	X	2.632	2.632	0	%100
194	M177	Z	-1.519	-1.519	0	%100
195	M180	X	.658	.658	0	%100
196	M180	Z	-.38	-.38	0	%100
197	M189	X	.518	.518	0	%100
198	M189	Z	-.299	-.299	0	%100
199	M190	X	2.073	2.073	0	%100
200	M190	Z	-1.197	-1.197	0	%100
201	M191	X	.518	.518	0	%100
202	M191	Z	-.299	-.299	0	%100
203	M192	X	1.3	1.3	0	%100
204	M192	Z	-.75	-.75	0	%100
205	M193	X	3.377	3.377	0	%100





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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
206	M193	Z	-1.95	-1.95	0	%100
207	M194	X	2.024	2.024	0	%100
208	M194	Z	-1.168	-1.168	0	%100
209	M195	X	1.956	1.956	0	%100
210	M195	Z	-1.13	-1.13	0	%100
211	M196	X	3.376	3.376	0	%100
212	M196	Z	-1.949	-1.949	0	%100
213	M197	X	1.374	1.374	0	%100
214	M197	Z	-.793	-.793	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	MP3A	X	2.615	2.615	0	%100
4	MP3A	Z	0	0	0	%100
5	MP2A	X	3.039	3.039	0	%100
6	MP2A	Z	0	0	0	%100
7	M10	X	4.429	4.429	0	%100
8	M10	Z	0	0	0	%100
9	M19	X	4.429	4.429	0	%100
10	M19	Z	0	0	0	%100
11	M28	X	0	0	0	%100
12	M28	Z	0	0	0	%100
13	M31	X	4.291	4.291	0	%100
14	M31	Z	0	0	0	%100
15	M34	X	4.291	4.291	0	%100
16	M34	Z	0	0	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	0	0	0	%100
19	M46	X	.868	.868	0	%100
20	M46	Z	0	0	0	%100
21	M52	X	.868	.868	0	%100
22	M52	Z	0	0	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	4.682	4.682	0	%100
26	M56	Z	0	0	0	%100
27	M57	X	3.675	3.675	0	%100
28	M57	Z	0	0	0	%100
29	M58	X	3.675	3.675	0	%100
30	M58	Z	0	0	0	%100
31	M59	X	1.397	1.397	0	%100
32	M59	Z	0	0	0	%100
33	M60	X	1.397	1.397	0	%100
34	M60	Z	0	0	0	%100
35	M61	X	1.397	1.397	0	%100
36	M61	Z	0	0	0	%100
37	M62	X	1.397	1.397	0	%100
38	M62	Z	0	0	0	%100
39	M63	X	1.397	1.397	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	1.397	1.397	0	%100
42	M64	Z	0	0	0	%100
43	M65	X	1.397	1.397	0	%100
44	M65	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
45	M66	X	2.56	2.56	0	%100
46	M66	Z	0	0	0	%100
47	M75	X	0	0	0	%100
48	M75	Z	0	0	0	%100
49	M76	X	3.189	3.189	0	%100
50	M76	Z	0	0	0	%100
51	M77	X	3.189	3.189	0	%100
52	M77	Z	0	0	0	%100
53	M78	X	0	0	0	%100
54	M78	Z	0	0	0	%100
55	M79	X	4.429	4.429	0	%100
56	M79	Z	0	0	0	%100
57	M80	X	4.429	4.429	0	%100
58	M80	Z	0	0	0	%100
59	MP4A	X	3.039	3.039	0	%100
60	MP4A	Z	0	0	0	%100
61	M52A	X	1.198	1.198	0	%100
62	M52A	Z	0	0	0	%100
63	M56A	X	.255	.255	0	%100
64	M56A	Z	0	0	0	%100
65	M67	X	2.506	2.506	0	%100
66	M67	Z	0	0	0	%100
67	M68	X	0	0	0	%100
68	M68	Z	0	0	0	%100
69	MP5B	X	3.039	3.039	0	%100
70	MP5B	Z	0	0	0	%100
71	MP1C	X	3.039	3.039	0	%100
72	MP1C	Z	0	0	0	%100
73	M74A	X	.627	.627	0	%100
74	M74A	Z	0	0	0	%100
75	M75A	X	1.525	1.525	0	%100
76	M75A	Z	0	0	0	%100
77	MP5A	X	3.039	3.039	0	%100
78	MP5A	Z	0	0	0	%100
79	MP1B	X	3.039	3.039	0	%100
80	MP1B	Z	0	0	0	%100
81	M81	X	.627	.627	0	%100
82	M81	Z	0	0	0	%100
83	M82	X	1.525	1.525	0	%100
84	M82	Z	0	0	0	%100
85	MP5C	X	3.039	3.039	0	%100
86	MP5C	Z	0	0	0	%100
87	MP1A	X	3.039	3.039	0	%100
88	MP1A	Z	0	0	0	%100
89	M90	X	0	0	0	%100
90	M90	Z	0	0	0	%100
91	M91	X	3.586	3.586	0	%100
92	M91	Z	0	0	0	%100
93	M92	X	3.586	3.586	0	%100
94	M92	Z	0	0	0	%100
95	MP2C	X	3.039	3.039	0	%100
96	MP2C	Z	0	0	0	%100
97	MP4C	X	3.039	3.039	0	%100
98	MP4C	Z	0	0	0	%100
99	MP2B	X	3.039	3.039	0	%100
100	MP2B	Z	0	0	0	%100
101	MP4B	X	3.039	3.039	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
102	MP4B	Z	0	0	0	%100
103	M111	X	0	0	0	%100
104	M111	Z	0	0	0	%100
105	M115	X	2.506	2.506	0	%100
106	M115	Z	0	0	0	%100
107	M116	X	0	0	0	%100
108	M116	Z	0	0	0	%100
109	M119	X	.868	.868	0	%100
110	M119	Z	0	0	0	%100
111	M123	X	.627	.627	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	1.525	1.525	0	%100
114	M124	Z	0	0	0	%100
115	M127	X	.868	.868	0	%100
116	M127	Z	0	0	0	%100
117	M131	X	.627	.627	0	%100
118	M131	Z	0	0	0	%100
119	M132	X	1.525	1.525	0	%100
120	M132	Z	0	0	0	%100
121	M135	X	3.244	3.244	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	3.244	3.244	0	%100
124	M136	Z	0	0	0	%100
125	M137	X	3.244	3.244	0	%100
126	M137	Z	0	0	0	%100
127	M138	X	3.244	3.244	0	%100
128	M138	Z	0	0	0	%100
129	M139	X	1.446	1.446	0	%100
130	M139	Z	0	0	0	%100
131	M140	X	1.446	1.446	0	%100
132	M140	Z	0	0	0	%100
133	M141	X	0	0	0	%100
134	M141	Z	0	0	0	%100
135	M142	X	3.244	3.244	0	%100
136	M142	Z	0	0	0	%100
137	M143	X	3.244	3.244	0	%100
138	M143	Z	0	0	0	%100
139	M144	X	3.244	3.244	0	%100
140	M144	Z	0	0	0	%100
141	M145	X	3.244	3.244	0	%100
142	M145	Z	0	0	0	%100
143	M146	X	3.077	3.077	0	%100
144	M146	Z	0	0	0	%100
145	M147	X	3.077	3.077	0	%100
146	M147	Z	0	0	0	%100
147	M148	X	2.723	2.723	0	%100
148	M148	Z	0	0	0	%100
149	M149	X	3.244	3.244	0	%100
150	M149	Z	0	0	0	%100
151	M150	X	3.244	3.244	0	%100
152	M150	Z	0	0	0	%100
153	M151	X	3.244	3.244	0	%100
154	M151	Z	0	0	0	%100
155	M152	X	3.244	3.244	0	%100
156	M152	Z	0	0	0	%100
157	M153	X	3.077	3.077	0	%100
158	M153	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
159	M154	X	3.077	3.077	0	%100
160	M154	Z	0	0	0	%100
161	M155	X	2.723	2.723	0	%100
162	M155	Z	0	0	0	%100
163	M148A	X	1.081	1.081	0	%100
164	M148A	Z	0	0	0	%100
165	M149A	X	1.081	1.081	0	%100
166	M149A	Z	0	0	0	%100
167	M150A	X	1.081	1.081	0	%100
168	M150A	Z	0	0	0	%100
169	M151A	X	1.081	1.081	0	%100
170	M151A	Z	0	0	0	%100
171	MP3C	X	2.615	2.615	0	%100
172	MP3C	Z	0	0	0	%100
173	M157	X	.27	.27	0	%100
174	M157	Z	0	0	0	%100
175	M158	X	.27	.27	0	%100
176	M158	Z	0	0	0	%100
177	M159	X	.27	.27	0	%100
178	M159	Z	0	0	0	%100
179	M160	X	.27	.27	0	%100
180	M160	Z	0	0	0	%100
181	MP3B	X	2.615	2.615	0	%100
182	MP3B	Z	0	0	0	%100
183	M166	X	.27	.27	0	%100
184	M166	Z	0	0	0	%100
185	M167	X	.27	.27	0	%100
186	M167	Z	0	0	0	%100
187	M168	X	.27	.27	0	%100
188	M168	Z	0	0	0	%100
189	M169	X	.27	.27	0	%100
190	M169	Z	0	0	0	%100
191	M174	X	0	0	0	%100
192	M174	Z	0	0	0	%100
193	M177	X	2.279	2.279	0	%100
194	M177	Z	0	0	0	%100
195	M180	X	2.279	2.279	0	%100
196	M180	Z	0	0	0	%100
197	M189	X	0	0	0	%100
198	M189	Z	0	0	0	%100
199	M190	X	1.796	1.796	0	%100
200	M190	Z	0	0	0	%100
201	M191	X	1.796	1.796	0	%100
202	M191	Z	0	0	0	%100
203	M192	X	2.821	2.821	0	%100
204	M192	Z	0	0	0	%100
205	M193	X	2.904	2.904	0	%100
206	M193	Z	0	0	0	%100
207	M194	X	1.259	1.259	0	%100
208	M194	Z	0	0	0	%100
209	M195	X	3.577	3.577	0	%100
210	M195	Z	0	0	0	%100
211	M196	X	3.657	3.657	0	%100
212	M196	Z	0	0	0	%100
213	M197	X	1.264	1.264	0	%100
214	M197	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	1.279	1.279	0	%100
2	M1	Z	.738	.738	0	%100
3	MP3A	X	2.265	2.265	0	%100
4	MP3A	Z	1.308	1.308	0	%100
5	MP2A	X	2.632	2.632	0	%100
6	MP2A	Z	1.519	1.519	0	%100
7	M10	X	1.279	1.279	0	%100
8	M10	Z	.738	.738	0	%100
9	M19	X	5.114	5.114	0	%100
10	M19	Z	2.953	2.953	0	%100
11	M28	X	1.239	1.239	0	%100
12	M28	Z	.715	.715	0	%100
13	M31	X	1.239	1.239	0	%100
14	M31	Z	.715	.715	0	%100
15	M34	X	4.955	4.955	0	%100
16	M34	Z	2.861	2.861	0	%100
17	M40	X	.251	.251	0	%100
18	M40	Z	.145	.145	0	%100
19	M46	X	.251	.251	0	%100
20	M46	Z	.145	.145	0	%100
21	M52	X	1.002	1.002	0	%100
22	M52	Z	.579	.579	0	%100
23	M55	X	1.08	1.08	0	%100
24	M55	Z	.623	.623	0	%100
25	M56	X	3.041	3.041	0	%100
26	M56	Z	1.756	1.756	0	%100
27	M57	X	3.183	3.183	0	%100
28	M57	Z	1.837	1.837	0	%100
29	M58	X	3.183	3.183	0	%100
30	M58	Z	1.837	1.837	0	%100
31	M59	X	.907	.907	0	%100
32	M59	Z	.524	.524	0	%100
33	M60	X	.907	.907	0	%100
34	M60	Z	.524	.524	0	%100
35	M61	X	.907	.907	0	%100
36	M61	Z	.524	.524	0	%100
37	M62	X	.907	.907	0	%100
38	M62	Z	.524	.524	0	%100
39	M63	X	.907	.907	0	%100
40	M63	Z	.524	.524	0	%100
41	M64	X	.907	.907	0	%100
42	M64	Z	.524	.524	0	%100
43	M65	X	.907	.907	0	%100
44	M65	Z	.524	.524	0	%100
45	M66	X	1.279	1.279	0	%100
46	M66	Z	.739	.739	0	%100
47	M75	X	.92	.92	0	%100
48	M75	Z	.531	.531	0	%100
49	M76	X	.92	.92	0	%100
50	M76	Z	.531	.531	0	%100
51	M77	X	3.682	3.682	0	%100
52	M77	Z	2.126	2.126	0	%100
53	M78	X	1.279	1.279	0	%100
54	M78	Z	.738	.738	0	%100
55	M79	X	1.279	1.279	0	%100
56	M79	Z	.738	.738	0	%100
57	M80	X	5.114	5.114	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
58	M80	Z	2.953	2.953	0 %100
59	MP4A	X	2.632	2.632	0 %100
60	MP4A	Z	1.519	1.519	0 %100
61	M52A	X	2.096	2.096	0 %100
62	M52A	Z	1.21	1.21	0 %100
63	M56A	X	.1	.1	0 %100
64	M56A	Z	.058	.058	0 %100
65	M67	X	1.628	1.628	0 %100
66	M67	Z	.94	.94	0 %100
67	M68	X	.44	.44	0 %100
68	M68	Z	.254	.254	0 %100
69	MP5B	X	2.632	2.632	0 %100
70	MP5B	Z	1.519	1.519	0 %100
71	MP1C	X	2.632	2.632	0 %100
72	MP1C	Z	1.519	1.519	0 %100
73	M74A	X	1.628	1.628	0 %100
74	M74A	Z	.94	.94	0 %100
75	M75A	X	.44	.44	0 %100
76	M75A	Z	.254	.254	0 %100
77	MP5A	X	2.632	2.632	0 %100
78	MP5A	Z	1.519	1.519	0 %100
79	MP1B	X	2.632	2.632	0 %100
80	MP1B	Z	1.519	1.519	0 %100
81	M81	X	0	0	0 %100
82	M81	Z	0	0	0 %100
83	M82	X	1.761	1.761	0 %100
84	M82	Z	1.017	1.017	0 %100
85	MP5C	X	2.632	2.632	0 %100
86	MP5C	Z	1.519	1.519	0 %100
87	MP1A	X	2.632	2.632	0 %100
88	MP1A	Z	1.519	1.519	0 %100
89	M90	X	1.035	1.035	0 %100
90	M90	Z	.598	.598	0 %100
91	M91	X	1.035	1.035	0 %100
92	M91	Z	.598	.598	0 %100
93	M92	X	4.141	4.141	0 %100
94	M92	Z	2.391	2.391	0 %100
95	MP2C	X	2.632	2.632	0 %100
96	MP2C	Z	1.519	1.519	0 %100
97	MP4C	X	2.632	2.632	0 %100
98	MP4C	Z	1.519	1.519	0 %100
99	MP2B	X	2.632	2.632	0 %100
100	MP2B	Z	1.519	1.519	0 %100
101	MP4B	X	2.632	2.632	0 %100
102	MP4B	Z	1.519	1.519	0 %100
103	M111	X	.251	.251	0 %100
104	M111	Z	.145	.145	0 %100
105	M115	X	1.628	1.628	0 %100
106	M115	Z	.94	.94	0 %100
107	M116	X	.44	.44	0 %100
108	M116	Z	.254	.254	0 %100
109	M119	X	.251	.251	0 %100
110	M119	Z	.145	.145	0 %100
111	M123	X	1.628	1.628	0 %100
112	M123	Z	.94	.94	0 %100
113	M124	X	.44	.44	0 %100
114	M124	Z	.254	.254	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
115	M127	X	1.002	1.002	0	%100
116	M127	Z	.579	.579	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	0	0	0	%100
119	M132	X	1.761	1.761	0	%100
120	M132	Z	1.017	1.017	0	%100
121	M135	X	2.809	2.809	0	%100
122	M135	Z	1.622	1.622	0	%100
123	M136	X	2.809	2.809	0	%100
124	M136	Z	1.622	1.622	0	%100
125	M137	X	2.809	2.809	0	%100
126	M137	Z	1.622	1.622	0	%100
127	M138	X	2.809	2.809	0	%100
128	M138	Z	1.622	1.622	0	%100
129	M139	X	1.723	1.723	0	%100
130	M139	Z	.995	.995	0	%100
131	M140	X	1.723	1.723	0	%100
132	M140	Z	.995	.995	0	%100
133	M141	X	.786	.786	0	%100
134	M141	Z	.454	.454	0	%100
135	M142	X	2.809	2.809	0	%100
136	M142	Z	1.622	1.622	0	%100
137	M143	X	2.809	2.809	0	%100
138	M143	Z	1.622	1.622	0	%100
139	M144	X	2.809	2.809	0	%100
140	M144	Z	1.622	1.622	0	%100
141	M145	X	2.809	2.809	0	%100
142	M145	Z	1.622	1.622	0	%100
143	M146	X	1.723	1.723	0	%100
144	M146	Z	.995	.995	0	%100
145	M147	X	1.723	1.723	0	%100
146	M147	Z	.995	.995	0	%100
147	M148	X	.786	.786	0	%100
148	M148	Z	.454	.454	0	%100
149	M149	X	2.809	2.809	0	%100
150	M149	Z	1.622	1.622	0	%100
151	M150	X	2.809	2.809	0	%100
152	M150	Z	1.622	1.622	0	%100
153	M151	X	2.809	2.809	0	%100
154	M151	Z	1.622	1.622	0	%100
155	M152	X	2.809	2.809	0	%100
156	M152	Z	1.622	1.622	0	%100
157	M153	X	3.135	3.135	0	%100
158	M153	Z	1.81	1.81	0	%100
159	M154	X	3.135	3.135	0	%100
160	M154	Z	1.81	1.81	0	%100
161	M155	X	3.144	3.144	0	%100
162	M155	Z	1.815	1.815	0	%100
163	M148A	X	.702	.702	0	%100
164	M148A	Z	.405	.405	0	%100
165	M149A	X	.702	.702	0	%100
166	M149A	Z	.405	.405	0	%100
167	M150A	X	.702	.702	0	%100
168	M150A	Z	.405	.405	0	%100
169	M151A	X	.702	.702	0	%100
170	M151A	Z	.405	.405	0	%100
171	MP3C	X	2.265	2.265	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
172	MP3C	Z	1.308	1.308	0	%100
173	M157	X	.702	.702	0	%100
174	M157	Z	.405	.405	0	%100
175	M158	X	.702	.702	0	%100
176	M158	Z	.405	.405	0	%100
177	M159	X	.702	.702	0	%100
178	M159	Z	.405	.405	0	%100
179	M160	X	.702	.702	0	%100
180	M160	Z	.405	.405	0	%100
181	MP3B	X	2.265	2.265	0	%100
182	MP3B	Z	1.308	1.308	0	%100
183	M166	X	0	0	0	%100
184	M166	Z	0	0	0	%100
185	M167	X	0	0	0	%100
186	M167	Z	0	0	0	%100
187	M168	X	0	0	0	%100
188	M168	Z	0	0	0	%100
189	M169	X	0	0	0	%100
190	M169	Z	0	0	0	%100
191	M174	X	.658	.658	0	%100
192	M174	Z	.38	.38	0	%100
193	M177	X	.658	.658	0	%100
194	M177	Z	.38	.38	0	%100
195	M180	X	2.632	2.632	0	%100
196	M180	Z	1.519	1.519	0	%100
197	M189	X	.518	.518	0	%100
198	M189	Z	.299	.299	0	%100
199	M190	X	.518	.518	0	%100
200	M190	Z	.299	.299	0	%100
201	M191	X	2.073	2.073	0	%100
202	M191	Z	1.197	1.197	0	%100
203	M192	X	3.376	3.376	0	%100
204	M192	Z	1.949	1.949	0	%100
205	M193	X	1.374	1.374	0	%100
206	M193	Z	.793	.793	0	%100
207	M194	X	1.3	1.3	0	%100
208	M194	Z	.75	.75	0	%100
209	M195	X	3.377	3.377	0	%100
210	M195	Z	1.95	1.95	0	%100
211	M196	X	2.024	2.024	0	%100
212	M196	Z	1.168	1.168	0	%100
213	M197	X	1.956	1.956	0	%100
214	M197	Z	1.13	1.13	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	X	2.215	2.215	0	%100
2	M1	Z	3.836	3.836	0	%100
3	MP3A	X	1.308	1.308	0	%100
4	MP3A	Z	2.265	2.265	0	%100
5	MP2A	X	1.519	1.519	0	%100
6	MP2A	Z	2.632	2.632	0	%100
7	M10	X	0	0	0	%100
8	M10	Z	0	0	0	%100
9	M19	X	2.215	2.215	0	%100
10	M19	Z	3.836	3.836	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
11	M28	X	2.146	2.146	0 %100
12	M28	Z	3.716	3.716	0 %100
13	M31	X	0	0	0 %100
14	M31	Z	0	0	0 %100
15	M34	X	2.146	2.146	0 %100
16	M34	Z	3.716	3.716	0 %100
17	M40	X	.434	.434	0 %100
18	M40	Z	.752	.752	0 %100
19	M46	X	0	0	0 %100
20	M46	Z	0	0	0 %100
21	M52	X	.434	.434	0 %100
22	M52	Z	.752	.752	0 %100
23	M55	X	1.87	1.87	0 %100
24	M55	Z	3.239	3.239	0 %100
25	M56	X	.585	.585	0 %100
26	M56	Z	1.014	1.014	0 %100
27	M57	X	1.837	1.837	0 %100
28	M57	Z	3.183	3.183	0 %100
29	M58	X	1.837	1.837	0 %100
30	M58	Z	3.183	3.183	0 %100
31	M59	X	.175	.175	0 %100
32	M59	Z	.302	.302	0 %100
33	M60	X	.175	.175	0 %100
34	M60	Z	.302	.302	0 %100
35	M61	X	.175	.175	0 %100
36	M61	Z	.302	.302	0 %100
37	M62	X	.175	.175	0 %100
38	M62	Z	.302	.302	0 %100
39	M63	X	.175	.175	0 %100
40	M63	Z	.302	.302	0 %100
41	M64	X	.175	.175	0 %100
42	M64	Z	.302	.302	0 %100
43	M65	X	.175	.175	0 %100
44	M65	Z	.302	.302	0 %100
45	M66	X	.128	.128	0 %100
46	M66	Z	.221	.221	0 %100
47	M75	X	1.594	1.594	0 %100
48	M75	Z	2.761	2.761	0 %100
49	M76	X	0	0	0 %100
50	M76	Z	0	0	0 %100
51	M77	X	1.594	1.594	0 %100
52	M77	Z	2.761	2.761	0 %100
53	M78	X	2.215	2.215	0 %100
54	M78	Z	3.836	3.836	0 %100
55	M79	X	0	0	0 %100
56	M79	Z	0	0	0 %100
57	M80	X	2.215	2.215	0 %100
58	M80	Z	3.836	3.836	0 %100
59	MP4A	X	1.519	1.519	0 %100
60	MP4A	Z	2.632	2.632	0 %100
61	M52A	X	1.28	1.28	0 %100
62	M52A	Z	2.217	2.217	0 %100
63	M56A	X	.599	.599	0 %100
64	M56A	Z	1.037	1.037	0 %100
65	M67	X	.313	.313	0 %100
66	M67	Z	.543	.543	0 %100
67	M68	X	.763	.763	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
68	M68	Z	1.321	1.321	0 %100
69	MP5B	X	1.519	1.519	0 %100
70	MP5B	Z	2.632	2.632	0 %100
71	MP1C	X	1.519	1.519	0 %100
72	MP1C	Z	2.632	2.632	0 %100
73	M74A	X	1.253	1.253	0 %100
74	M74A	Z	2.17	2.17	0 %100
75	M75A	X	0	0	0 %100
76	M75A	Z	0	0	0 %100
77	MP5A	X	1.519	1.519	0 %100
78	MP5A	Z	2.632	2.632	0 %100
79	MP1B	X	1.519	1.519	0 %100
80	MP1B	Z	2.632	2.632	0 %100
81	M81	X	.313	.313	0 %100
82	M81	Z	.543	.543	0 %100
83	M82	X	.763	.763	0 %100
84	M82	Z	1.321	1.321	0 %100
85	MP5C	X	1.519	1.519	0 %100
86	MP5C	Z	2.632	2.632	0 %100
87	MP1A	X	1.519	1.519	0 %100
88	MP1A	Z	2.632	2.632	0 %100
89	M90	X	1.793	1.793	0 %100
90	M90	Z	3.105	3.105	0 %100
91	M91	X	0	0	0 %100
92	M91	Z	0	0	0 %100
93	M92	X	1.793	1.793	0 %100
94	M92	Z	3.105	3.105	0 %100
95	MP2C	X	1.519	1.519	0 %100
96	MP2C	Z	2.632	2.632	0 %100
97	MP4C	X	1.519	1.519	0 %100
98	MP4C	Z	2.632	2.632	0 %100
99	MP2B	X	1.519	1.519	0 %100
100	MP2B	Z	2.632	2.632	0 %100
101	MP4B	X	1.519	1.519	0 %100
102	MP4B	Z	2.632	2.632	0 %100
103	M111	X	.434	.434	0 %100
104	M111	Z	.752	.752	0 %100
105	M115	X	.313	.313	0 %100
106	M115	Z	.543	.543	0 %100
107	M116	X	.763	.763	0 %100
108	M116	Z	1.321	1.321	0 %100
109	M119	X	0	0	0 %100
110	M119	Z	0	0	0 %100
111	M123	X	1.253	1.253	0 %100
112	M123	Z	2.17	2.17	0 %100
113	M124	X	0	0	0 %100
114	M124	Z	0	0	0 %100
115	M127	X	.434	.434	0 %100
116	M127	Z	.752	.752	0 %100
117	M131	X	.313	.313	0 %100
118	M131	Z	.543	.543	0 %100
119	M132	X	.763	.763	0 %100
120	M132	Z	1.321	1.321	0 %100
121	M135	X	1.622	1.622	0 %100
122	M135	Z	2.809	2.809	0 %100
123	M136	X	1.622	1.622	0 %100
124	M136	Z	2.809	2.809	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
125	M137	X	1.622	1.622	0 %100
126	M137	Z	2.809	2.809	0 %100
127	M138	X	1.622	1.622	0 %100
128	M138	Z	2.809	2.809	0 %100
129	M139	X	1.538	1.538	0 %100
130	M139	Z	2.664	2.664	0 %100
131	M140	X	1.538	1.538	0 %100
132	M140	Z	2.664	2.664	0 %100
133	M141	X	1.362	1.362	0 %100
134	M141	Z	2.358	2.358	0 %100
135	M142	X	1.622	1.622	0 %100
136	M142	Z	2.809	2.809	0 %100
137	M143	X	1.622	1.622	0 %100
138	M143	Z	2.809	2.809	0 %100
139	M144	X	1.622	1.622	0 %100
140	M144	Z	2.809	2.809	0 %100
141	M145	X	1.622	1.622	0 %100
142	M145	Z	2.809	2.809	0 %100
143	M146	X	.723	.723	0 %100
144	M146	Z	1.252	1.252	0 %100
145	M147	X	.723	.723	0 %100
146	M147	Z	1.252	1.252	0 %100
147	M148	X	0	0	0 %100
148	M148	Z	0	0	0 %100
149	M149	X	1.622	1.622	0 %100
150	M149	Z	2.809	2.809	0 %100
151	M150	X	1.622	1.622	0 %100
152	M150	Z	2.809	2.809	0 %100
153	M151	X	1.622	1.622	0 %100
154	M151	Z	2.809	2.809	0 %100
155	M152	X	1.622	1.622	0 %100
156	M152	Z	2.809	2.809	0 %100
157	M153	X	1.538	1.538	0 %100
158	M153	Z	2.664	2.664	0 %100
159	M154	X	1.538	1.538	0 %100
160	M154	Z	2.664	2.664	0 %100
161	M155	X	1.362	1.362	0 %100
162	M155	Z	2.358	2.358	0 %100
163	M148A	X	.135	.135	0 %100
164	M148A	Z	.234	.234	0 %100
165	M149A	X	.135	.135	0 %100
166	M149A	Z	.234	.234	0 %100
167	M150A	X	.135	.135	0 %100
168	M150A	Z	.234	.234	0 %100
169	M151A	X	.135	.135	0 %100
170	M151A	Z	.234	.234	0 %100
171	MP3C	X	1.308	1.308	0 %100
172	MP3C	Z	2.265	2.265	0 %100
173	M157	X	.54	.54	0 %100
174	M157	Z	.936	.936	0 %100
175	M158	X	.54	.54	0 %100
176	M158	Z	.936	.936	0 %100
177	M159	X	.54	.54	0 %100
178	M159	Z	.936	.936	0 %100
179	M160	X	.54	.54	0 %100
180	M160	Z	.936	.936	0 %100
181	MP3B	X	1.308	1.308	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
182	MP3B	Z	2.265	2.265	0	%100
183	M166	X	.135	.135	0	%100
184	M166	Z	.234	.234	0	%100
185	M167	X	.135	.135	0	%100
186	M167	Z	.234	.234	0	%100
187	M168	X	.135	.135	0	%100
188	M168	Z	.234	.234	0	%100
189	M169	X	.135	.135	0	%100
190	M169	Z	.234	.234	0	%100
191	M174	X	1.14	1.14	0	%100
192	M174	Z	1.974	1.974	0	%100
193	M177	X	0	0	0	%100
194	M177	Z	0	0	0	%100
195	M180	X	1.14	1.14	0	%100
196	M180	Z	1.974	1.974	0	%100
197	M189	X	.898	.898	0	%100
198	M189	Z	1.555	1.555	0	%100
199	M190	X	0	0	0	%100
200	M190	Z	0	0	0	%100
201	M191	X	.898	.898	0	%100
202	M191	Z	1.555	1.555	0	%100
203	M192	X	1.828	1.828	0	%100
204	M192	Z	3.167	3.167	0	%100
205	M193	X	.632	.632	0	%100
206	M193	Z	1.095	1.095	0	%100
207	M194	X	1.41	1.41	0	%100
208	M194	Z	2.443	2.443	0	%100
209	M195	X	1.452	1.452	0	%100
210	M195	Z	2.515	2.515	0	%100
211	M196	X	.629	.629	0	%100
212	M196	Z	1.09	1.09	0	%100
213	M197	X	1.788	1.788	0	%100
214	M197	Z	3.098	3.098	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	X	0	0	0	%100
2	M1	Z	5.906	5.906	0	%100
3	MP3A	X	0	0	0	%100
4	MP3A	Z	2.615	2.615	0	%100
5	MP2A	X	0	0	0	%100
6	MP2A	Z	3.039	3.039	0	%100
7	M10	X	0	0	0	%100
8	M10	Z	1.476	1.476	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	1.476	1.476	0	%100
11	M28	X	0	0	0	%100
12	M28	Z	5.721	5.721	0	%100
13	M31	X	0	0	0	%100
14	M31	Z	1.43	1.43	0	%100
15	M34	X	0	0	0	%100
16	M34	Z	1.43	1.43	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	1.157	1.157	0	%100
19	M46	X	0	0	0	%100
20	M46	Z	.289	.289	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
21	M52	X	0	0	%100
22	M52	Z	.289	.289	%100
23	M55	X	0	0	%100
24	M55	Z	4.987	4.987	%100
25	M56	X	0	0	%100
26	M56	Z	0	0	%100
27	M57	X	0	0	%100
28	M57	Z	3.675	3.675	%100
29	M58	X	0	0	%100
30	M58	Z	3.675	3.675	%100
31	M59	X	0	0	%100
32	M59	Z	0	0	%100
33	M60	X	0	0	%100
34	M60	Z	0	0	%100
35	M61	X	0	0	%100
36	M61	Z	0	0	%100
37	M62	X	0	0	%100
38	M62	Z	0	0	%100
39	M63	X	0	0	%100
40	M63	Z	0	0	%100
41	M64	X	0	0	%100
42	M64	Z	0	0	%100
43	M65	X	0	0	%100
44	M65	Z	0	0	%100
45	M66	X	0	0	%100
46	M66	Z	.116	.116	%100
47	M75	X	0	0	%100
48	M75	Z	4.251	4.251	%100
49	M76	X	0	0	%100
50	M76	Z	1.063	1.063	%100
51	M77	X	0	0	%100
52	M77	Z	1.063	1.063	%100
53	M78	X	0	0	%100
54	M78	Z	5.906	5.906	%100
55	M79	X	0	0	%100
56	M79	Z	1.476	1.476	%100
57	M80	X	0	0	%100
58	M80	Z	1.476	1.476	%100
59	MP4A	X	0	0	%100
60	MP4A	Z	3.039	3.039	%100
61	M52A	X	0	0	%100
62	M52A	Z	1.477	1.477	%100
63	M56A	X	0	0	%100
64	M56A	Z	2.42	2.42	%100
65	M67	X	0	0	%100
66	M67	Z	0	0	%100
67	M68	X	0	0	%100
68	M68	Z	2.034	2.034	%100
69	MP5B	X	0	0	%100
70	MP5B	Z	3.039	3.039	%100
71	MP1C	X	0	0	%100
72	MP1C	Z	3.039	3.039	%100
73	M74A	X	0	0	%100
74	M74A	Z	1.88	1.88	%100
75	M75A	X	0	0	%100
76	M75A	Z	.508	.508	%100
77	MP5A	X	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
78	MP5A	Z	3.039	3.039	0 %100
79	MP1B	X	0	0	0 %100
80	MP1B	Z	3.039	3.039	0 %100
81	M81	X	0	0	0 %100
82	M81	Z	1.88	1.88	0 %100
83	M82	X	0	0	0 %100
84	M82	Z	.508	.508	0 %100
85	MP5C	X	0	0	0 %100
86	MP5C	Z	3.039	3.039	0 %100
87	MP1A	X	0	0	0 %100
88	MP1A	Z	3.039	3.039	0 %100
89	M90	X	0	0	0 %100
90	M90	Z	4.781	4.781	0 %100
91	M91	X	0	0	0 %100
92	M91	Z	1.195	1.195	0 %100
93	M92	X	0	0	0 %100
94	M92	Z	1.195	1.195	0 %100
95	MP2C	X	0	0	0 %100
96	MP2C	Z	3.039	3.039	0 %100
97	MP4C	X	0	0	0 %100
98	MP4C	Z	3.039	3.039	0 %100
99	MP2B	X	0	0	0 %100
100	MP2B	Z	3.039	3.039	0 %100
101	MP4B	X	0	0	0 %100
102	MP4B	Z	3.039	3.039	0 %100
103	M111	X	0	0	0 %100
104	M111	Z	1.157	1.157	0 %100
105	M115	X	0	0	0 %100
106	M115	Z	0	0	0 %100
107	M116	X	0	0	0 %100
108	M116	Z	2.034	2.034	0 %100
109	M119	X	0	0	0 %100
110	M119	Z	.289	.289	0 %100
111	M123	X	0	0	0 %100
112	M123	Z	1.88	1.88	0 %100
113	M124	X	0	0	0 %100
114	M124	Z	.508	.508	0 %100
115	M127	X	0	0	0 %100
116	M127	Z	.289	.289	0 %100
117	M131	X	0	0	0 %100
118	M131	Z	1.88	1.88	0 %100
119	M132	X	0	0	0 %100
120	M132	Z	.508	.508	0 %100
121	M135	X	0	0	0 %100
122	M135	Z	3.244	3.244	0 %100
123	M136	X	0	0	0 %100
124	M136	Z	3.244	3.244	0 %100
125	M137	X	0	0	0 %100
126	M137	Z	3.244	3.244	0 %100
127	M138	X	0	0	0 %100
128	M138	Z	3.244	3.244	0 %100
129	M139	X	0	0	0 %100
130	M139	Z	3.62	3.62	0 %100
131	M140	X	0	0	0 %100
132	M140	Z	3.62	3.62	0 %100
133	M141	X	0	0	0 %100
134	M141	Z	3.631	3.631	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
135	M142	X	0	0	0	%100
136	M142	Z	3.244	3.244	0	%100
137	M143	X	0	0	0	%100
138	M143	Z	3.244	3.244	0	%100
139	M144	X	0	0	0	%100
140	M144	Z	3.244	3.244	0	%100
141	M145	X	0	0	0	%100
142	M145	Z	3.244	3.244	0	%100
143	M146	X	0	0	0	%100
144	M146	Z	1.989	1.989	0	%100
145	M147	X	0	0	0	%100
146	M147	Z	1.989	1.989	0	%100
147	M148	X	0	0	0	%100
148	M148	Z	.908	.908	0	%100
149	M149	X	0	0	0	%100
150	M149	Z	3.244	3.244	0	%100
151	M150	X	0	0	0	%100
152	M150	Z	3.244	3.244	0	%100
153	M151	X	0	0	0	%100
154	M151	Z	3.244	3.244	0	%100
155	M152	X	0	0	0	%100
156	M152	Z	3.244	3.244	0	%100
157	M153	X	0	0	0	%100
158	M153	Z	1.989	1.989	0	%100
159	M154	X	0	0	0	%100
160	M154	Z	1.989	1.989	0	%100
161	M155	X	0	0	0	%100
162	M155	Z	.908	.908	0	%100
163	M148A	X	0	0	0	%100
164	M148A	Z	0	0	0	%100
165	M149A	X	0	0	0	%100
166	M149A	Z	0	0	0	%100
167	M150A	X	0	0	0	%100
168	M150A	Z	0	0	0	%100
169	M151A	X	0	0	0	%100
170	M151A	Z	0	0	0	%100
171	MP3C	X	0	0	0	%100
172	MP3C	Z	2.615	2.615	0	%100
173	M157	X	0	0	0	%100
174	M157	Z	.81	.81	0	%100
175	M158	X	0	0	0	%100
176	M158	Z	.81	.81	0	%100
177	M159	X	0	0	0	%100
178	M159	Z	.81	.81	0	%100
179	M160	X	0	0	0	%100
180	M160	Z	.81	.81	0	%100
181	MP3B	X	0	0	0	%100
182	MP3B	Z	2.615	2.615	0	%100
183	M166	X	0	0	0	%100
184	M166	Z	.81	.81	0	%100
185	M167	X	0	0	0	%100
186	M167	Z	.81	.81	0	%100
187	M168	X	0	0	0	%100
188	M168	Z	.81	.81	0	%100
189	M169	X	0	0	0	%100
190	M169	Z	.81	.81	0	%100
191	M174	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in.%]	End Location[in.%]
192	M174	Z	3.039	3.039	0	%100
193	M177	X	0	0	0	%100
194	M177	Z	.76	.76	0	%100
195	M180	X	0	0	0	%100
196	M180	Z	.76	.76	0	%100
197	M189	X	0	0	0	%100
198	M189	Z	2.394	2.394	0	%100
199	M190	X	0	0	0	%100
200	M190	Z	.599	.599	0	%100
201	M191	X	0	0	0	%100
202	M191	Z	.599	.599	0	%100
203	M192	X	0	0	0	%100
204	M192	Z	2.337	2.337	0	%100
205	M193	X	0	0	0	%100
206	M193	Z	2.259	2.259	0	%100
207	M194	X	0	0	0	%100
208	M194	Z	3.899	3.899	0	%100
209	M195	X	0	0	0	%100
210	M195	Z	1.587	1.587	0	%100
211	M196	X	0	0	0	%100
212	M196	Z	1.501	1.501	0	%100
213	M197	X	0	0	0	%100
214	M197	Z	3.899	3.899	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in.%]	End Location[in.%]
1	M1	X	-2.215	-2.215	0	%100
2	M1	Z	3.836	3.836	0	%100
3	MP3A	X	-1.308	-1.308	0	%100
4	MP3A	Z	2.265	2.265	0	%100
5	MP2A	X	-1.519	-1.519	0	%100
6	MP2A	Z	2.632	2.632	0	%100
7	M10	X	-2.215	-2.215	0	%100
8	M10	Z	3.836	3.836	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	0	0	0	%100
11	M28	X	-2.146	-2.146	0	%100
12	M28	Z	3.716	3.716	0	%100
13	M31	X	-2.146	-2.146	0	%100
14	M31	Z	3.716	3.716	0	%100
15	M34	X	0	0	0	%100
16	M34	Z	0	0	0	%100
17	M40	X	-.434	-.434	0	%100
18	M40	Z	.752	.752	0	%100
19	M46	X	-.434	-.434	0	%100
20	M46	Z	.752	.752	0	%100
21	M52	X	0	0	0	%100
22	M52	Z	0	0	0	%100
23	M55	X	-1.87	-1.87	0	%100
24	M55	Z	3.239	3.239	0	%100
25	M56	X	-.585	-.585	0	%100
26	M56	Z	1.014	1.014	0	%100
27	M57	X	-1.837	-1.837	0	%100
28	M57	Z	3.183	3.183	0	%100
29	M58	X	-1.837	-1.837	0	%100
30	M58	Z	3.183	3.183	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
31	M59	X	-175	-175	0 %100
32	M59	Z	.302	.302	0 %100
33	M60	X	-175	-175	0 %100
34	M60	Z	.302	.302	0 %100
35	M61	X	-175	-175	0 %100
36	M61	Z	.302	.302	0 %100
37	M62	X	-175	-175	0 %100
38	M62	Z	.302	.302	0 %100
39	M63	X	-175	-175	0 %100
40	M63	Z	.302	.302	0 %100
41	M64	X	-175	-175	0 %100
42	M64	Z	.302	.302	0 %100
43	M65	X	-175	-175	0 %100
44	M65	Z	.302	.302	0 %100
45	M66	X	-599	-599	0 %100
46	M66	Z	1.037	1.037	0 %100
47	M75	X	-1.594	-1.594	0 %100
48	M75	Z	2.761	2.761	0 %100
49	M76	X	-1.594	-1.594	0 %100
50	M76	Z	2.761	2.761	0 %100
51	M77	X	0	0	0 %100
52	M77	Z	0	0	0 %100
53	M78	X	-2.215	-2.215	0 %100
54	M78	Z	3.836	3.836	0 %100
55	M79	X	-2.215	-2.215	0 %100
56	M79	Z	3.836	3.836	0 %100
57	M80	X	0	0	0 %100
58	M80	Z	0	0	0 %100
59	MP4A	X	-1.519	-1.519	0 %100
60	MP4A	Z	2.632	2.632	0 %100
61	M52A	X	-.128	-.128	0 %100
62	M52A	Z	.221	.221	0 %100
63	M56A	X	-1.28	-1.28	0 %100
64	M56A	Z	2.217	2.217	0 %100
65	M67	X	-.313	-.313	0 %100
66	M67	Z	.543	.543	0 %100
67	M68	X	-.763	-.763	0 %100
68	M68	Z	1.321	1.321	0 %100
69	MP5B	X	-1.519	-1.519	0 %100
70	MP5B	Z	2.632	2.632	0 %100
71	MP1C	X	-1.519	-1.519	0 %100
72	MP1C	Z	2.632	2.632	0 %100
73	M74A	X	-.313	-.313	0 %100
74	M74A	Z	.543	.543	0 %100
75	M75A	X	-.763	-.763	0 %100
76	M75A	Z	1.321	1.321	0 %100
77	MP5A	X	-1.519	-1.519	0 %100
78	MP5A	Z	2.632	2.632	0 %100
79	MP1B	X	-1.519	-1.519	0 %100
80	MP1B	Z	2.632	2.632	0 %100
81	M81	X	-1.253	-1.253	0 %100
82	M81	Z	2.17	2.17	0 %100
83	M82	X	0	0	0 %100
84	M82	Z	0	0	0 %100
85	MP5C	X	-1.519	-1.519	0 %100
86	MP5C	Z	2.632	2.632	0 %100
87	MP1A	X	-1.519	-1.519	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
88	MP1A	Z	2.632	2.632	0 %100
89	M90	X	-1.793	-1.793	0 %100
90	M90	Z	3.105	3.105	0 %100
91	M91	X	-1.793	-1.793	0 %100
92	M91	Z	3.105	3.105	0 %100
93	M92	X	0	0	0 %100
94	M92	Z	0	0	0 %100
95	MP2C	X	-1.519	-1.519	0 %100
96	MP2C	Z	2.632	2.632	0 %100
97	MP4C	X	-1.519	-1.519	0 %100
98	MP4C	Z	2.632	2.632	0 %100
99	MP2B	X	-1.519	-1.519	0 %100
100	MP2B	Z	2.632	2.632	0 %100
101	MP4B	X	-1.519	-1.519	0 %100
102	MP4B	Z	2.632	2.632	0 %100
103	M111	X	-.434	-.434	0 %100
104	M111	Z	.752	.752	0 %100
105	M115	X	-.313	-.313	0 %100
106	M115	Z	.543	.543	0 %100
107	M116	X	-.763	-.763	0 %100
108	M116	Z	1.321	1.321	0 %100
109	M119	X	-.434	-.434	0 %100
110	M119	Z	.752	.752	0 %100
111	M123	X	-.313	-.313	0 %100
112	M123	Z	.543	.543	0 %100
113	M124	X	-.763	-.763	0 %100
114	M124	Z	1.321	1.321	0 %100
115	M127	X	0	0	0 %100
116	M127	Z	0	0	0 %100
117	M131	X	-1.253	-1.253	0 %100
118	M131	Z	2.17	2.17	0 %100
119	M132	X	0	0	0 %100
120	M132	Z	0	0	0 %100
121	M135	X	-1.622	-1.622	0 %100
122	M135	Z	2.809	2.809	0 %100
123	M136	X	-1.622	-1.622	0 %100
124	M136	Z	2.809	2.809	0 %100
125	M137	X	-1.622	-1.622	0 %100
126	M137	Z	2.809	2.809	0 %100
127	M138	X	-1.622	-1.622	0 %100
128	M138	Z	2.809	2.809	0 %100
129	M139	X	-1.538	-1.538	0 %100
130	M139	Z	2.664	2.664	0 %100
131	M140	X	-1.538	-1.538	0 %100
132	M140	Z	2.664	2.664	0 %100
133	M141	X	-1.362	-1.362	0 %100
134	M141	Z	2.358	2.358	0 %100
135	M142	X	-1.622	-1.622	0 %100
136	M142	Z	2.809	2.809	0 %100
137	M143	X	-1.622	-1.622	0 %100
138	M143	Z	2.809	2.809	0 %100
139	M144	X	-1.622	-1.622	0 %100
140	M144	Z	2.809	2.809	0 %100
141	M145	X	-1.622	-1.622	0 %100
142	M145	Z	2.809	2.809	0 %100
143	M146	X	-1.538	-1.538	0 %100
144	M146	Z	2.664	2.664	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
145	M147	X	-1.538	-1.538	0	%100
146	M147	Z	2.664	2.664	0	%100
147	M148	X	-1.362	-1.362	0	%100
148	M148	Z	2.358	2.358	0	%100
149	M149	X	-1.622	-1.622	0	%100
150	M149	Z	2.809	2.809	0	%100
151	M150	X	-1.622	-1.622	0	%100
152	M150	Z	2.809	2.809	0	%100
153	M151	X	-1.622	-1.622	0	%100
154	M151	Z	2.809	2.809	0	%100
155	M152	X	-1.622	-1.622	0	%100
156	M152	Z	2.809	2.809	0	%100
157	M153	X	-.723	-.723	0	%100
158	M153	Z	1.252	1.252	0	%100
159	M154	X	-.723	-.723	0	%100
160	M154	Z	1.252	1.252	0	%100
161	M155	X	0	0	0	%100
162	M155	Z	0	0	0	%100
163	M148A	X	-.135	-.135	0	%100
164	M148A	Z	.234	.234	0	%100
165	M149A	X	-.135	-.135	0	%100
166	M149A	Z	.234	.234	0	%100
167	M150A	X	-.135	-.135	0	%100
168	M150A	Z	.234	.234	0	%100
169	M151A	X	-.135	-.135	0	%100
170	M151A	Z	.234	.234	0	%100
171	MP3C	X	-1.308	-1.308	0	%100
172	MP3C	Z	2.265	2.265	0	%100
173	M157	X	-.135	-.135	0	%100
174	M157	Z	.234	.234	0	%100
175	M158	X	-.135	-.135	0	%100
176	M158	Z	.234	.234	0	%100
177	M159	X	-.135	-.135	0	%100
178	M159	Z	.234	.234	0	%100
179	M160	X	-.135	-.135	0	%100
180	M160	Z	.234	.234	0	%100
181	MP3B	X	-1.308	-1.308	0	%100
182	MP3B	Z	2.265	2.265	0	%100
183	M166	X	-.54	-.54	0	%100
184	M166	Z	.936	.936	0	%100
185	M167	X	-.54	-.54	0	%100
186	M167	Z	.936	.936	0	%100
187	M168	X	-.54	-.54	0	%100
188	M168	Z	.936	.936	0	%100
189	M169	X	-.54	-.54	0	%100
190	M169	Z	.936	.936	0	%100
191	M174	X	-1.14	-1.14	0	%100
192	M174	Z	1.974	1.974	0	%100
193	M177	X	-1.14	-1.14	0	%100
194	M177	Z	1.974	1.974	0	%100
195	M180	X	0	0	0	%100
196	M180	Z	0	0	0	%100
197	M189	X	-.898	-.898	0	%100
198	M189	Z	1.555	1.555	0	%100
199	M190	X	-.898	-.898	0	%100
200	M190	Z	1.555	1.555	0	%100
201	M191	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
202	M191	Z	0	0	0	%100
203	M192	X	-629	-629	0	%100
204	M192	Z	1.09	1.09	0	%100
205	M193	X	-1.788	-1.788	0	%100
206	M193	Z	3.098	3.098	0	%100
207	M194	X	-1.828	-1.828	0	%100
208	M194	Z	3.167	3.167	0	%100
209	M195	X	-632	-632	0	%100
210	M195	Z	1.095	1.095	0	%100
211	M196	X	-1.41	-1.41	0	%100
212	M196	Z	2.443	2.443	0	%100
213	M197	X	-1.452	-1.452	0	%100
214	M197	Z	2.515	2.515	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	X	-1.279	-1.279	0	%100
2	M1	Z	.738	.738	0	%100
3	MP3A	X	-2.265	-2.265	0	%100
4	MP3A	Z	1.308	1.308	0	%100
5	MP2A	X	-2.632	-2.632	0	%100
6	MP2A	Z	1.519	1.519	0	%100
7	M10	X	-5.114	-5.114	0	%100
8	M10	Z	2.953	2.953	0	%100
9	M19	X	-1.279	-1.279	0	%100
10	M19	Z	.738	.738	0	%100
11	M28	X	-1.239	-1.239	0	%100
12	M28	Z	.715	.715	0	%100
13	M31	X	-4.955	-4.955	0	%100
14	M31	Z	2.861	2.861	0	%100
15	M34	X	-1.239	-1.239	0	%100
16	M34	Z	.715	.715	0	%100
17	M40	X	-.251	-.251	0	%100
18	M40	Z	.145	.145	0	%100
19	M46	X	-1.002	-1.002	0	%100
20	M46	Z	.579	.579	0	%100
21	M52	X	-.251	-.251	0	%100
22	M52	Z	.145	.145	0	%100
23	M55	X	-1.08	-1.08	0	%100
24	M55	Z	.623	.623	0	%100
25	M56	X	-3.041	-3.041	0	%100
26	M56	Z	1.756	1.756	0	%100
27	M57	X	-3.183	-3.183	0	%100
28	M57	Z	1.837	1.837	0	%100
29	M58	X	-3.183	-3.183	0	%100
30	M58	Z	1.837	1.837	0	%100
31	M59	X	-.907	-.907	0	%100
32	M59	Z	.524	.524	0	%100
33	M60	X	-.907	-.907	0	%100
34	M60	Z	.524	.524	0	%100
35	M61	X	-.907	-.907	0	%100
36	M61	Z	.524	.524	0	%100
37	M62	X	-.907	-.907	0	%100
38	M62	Z	.524	.524	0	%100
39	M63	X	-.907	-.907	0	%100
40	M63	Z	.524	.524	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
41	M64	X	-.907	-.907	0	%100
42	M64	Z	.524	.524	0	%100
43	M65	X	-.907	-.907	0	%100
44	M65	Z	.524	.524	0	%100
45	M66	X	-2.096	-2.096	0	%100
46	M66	Z	1.21	1.21	0	%100
47	M75	X	-.92	-.92	0	%100
48	M75	Z	.531	.531	0	%100
49	M76	X	-3.682	-3.682	0	%100
50	M76	Z	2.126	2.126	0	%100
51	M77	X	-.92	-.92	0	%100
52	M77	Z	.531	.531	0	%100
53	M78	X	-1.279	-1.279	0	%100
54	M78	Z	.738	.738	0	%100
55	M79	X	-5.114	-5.114	0	%100
56	M79	Z	2.953	2.953	0	%100
57	M80	X	-1.279	-1.279	0	%100
58	M80	Z	.738	.738	0	%100
59	MP4A	X	-2.632	-2.632	0	%100
60	MP4A	Z	1.519	1.519	0	%100
61	M52A	X	-.1	-.1	0	%100
62	M52A	Z	.058	.058	0	%100
63	M56A	X	-1.279	-1.279	0	%100
64	M56A	Z	.739	.739	0	%100
65	M67	X	-1.628	-1.628	0	%100
66	M67	Z	.94	.94	0	%100
67	M68	X	-.44	-.44	0	%100
68	M68	Z	.254	.254	0	%100
69	MP5B	X	-2.632	-2.632	0	%100
70	MP5B	Z	1.519	1.519	0	%100
71	MP1C	X	-2.632	-2.632	0	%100
72	MP1C	Z	1.519	1.519	0	%100
73	M74A	X	0	0	0	%100
74	M74A	Z	0	0	0	%100
75	M75A	X	-1.761	-1.761	0	%100
76	M75A	Z	1.017	1.017	0	%100
77	MP5A	X	-2.632	-2.632	0	%100
78	MP5A	Z	1.519	1.519	0	%100
79	MP1B	X	-2.632	-2.632	0	%100
80	MP1B	Z	1.519	1.519	0	%100
81	M81	X	-1.628	-1.628	0	%100
82	M81	Z	.94	.94	0	%100
83	M82	X	-.44	-.44	0	%100
84	M82	Z	.254	.254	0	%100
85	MP5C	X	-2.632	-2.632	0	%100
86	MP5C	Z	1.519	1.519	0	%100
87	MP1A	X	-2.632	-2.632	0	%100
88	MP1A	Z	1.519	1.519	0	%100
89	M90	X	-1.035	-1.035	0	%100
90	M90	Z	.598	.598	0	%100
91	M91	X	-4.141	-4.141	0	%100
92	M91	Z	2.391	2.391	0	%100
93	M92	X	-1.035	-1.035	0	%100
94	M92	Z	.598	.598	0	%100
95	MP2C	X	-2.632	-2.632	0	%100
96	MP2C	Z	1.519	1.519	0	%100
97	MP4C	X	-2.632	-2.632	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
98	MP4C	Z	1.519	1.519	0 %100
99	MP2B	X	-2.632	-2.632	0 %100
100	MP2B	Z	1.519	1.519	0 %100
101	MP4B	X	-2.632	-2.632	0 %100
102	MP4B	Z	1.519	1.519	0 %100
103	M111	X	-.251	-.251	0 %100
104	M111	Z	.145	.145	0 %100
105	M115	X	-1.628	-1.628	0 %100
106	M115	Z	.94	.94	0 %100
107	M116	X	-.44	-.44	0 %100
108	M116	Z	.254	.254	0 %100
109	M119	X	-1.002	-1.002	0 %100
110	M119	Z	.579	.579	0 %100
111	M123	X	0	0	0 %100
112	M123	Z	0	0	0 %100
113	M124	X	-1.761	-1.761	0 %100
114	M124	Z	1.017	1.017	0 %100
115	M127	X	-.251	-.251	0 %100
116	M127	Z	.145	.145	0 %100
117	M131	X	-1.628	-1.628	0 %100
118	M131	Z	.94	.94	0 %100
119	M132	X	-.44	-.44	0 %100
120	M132	Z	.254	.254	0 %100
121	M135	X	-2.809	-2.809	0 %100
122	M135	Z	1.622	1.622	0 %100
123	M136	X	-2.809	-2.809	0 %100
124	M136	Z	1.622	1.622	0 %100
125	M137	X	-2.809	-2.809	0 %100
126	M137	Z	1.622	1.622	0 %100
127	M138	X	-2.809	-2.809	0 %100
128	M138	Z	1.622	1.622	0 %100
129	M139	X	-1.723	-1.723	0 %100
130	M139	Z	.995	.995	0 %100
131	M140	X	-1.723	-1.723	0 %100
132	M140	Z	.995	.995	0 %100
133	M141	X	-.786	-.786	0 %100
134	M141	Z	.454	.454	0 %100
135	M142	X	-2.809	-2.809	0 %100
136	M142	Z	1.622	1.622	0 %100
137	M143	X	-2.809	-2.809	0 %100
138	M143	Z	1.622	1.622	0 %100
139	M144	X	-2.809	-2.809	0 %100
140	M144	Z	1.622	1.622	0 %100
141	M145	X	-2.809	-2.809	0 %100
142	M145	Z	1.622	1.622	0 %100
143	M146	X	-3.135	-3.135	0 %100
144	M146	Z	1.81	1.81	0 %100
145	M147	X	-3.135	-3.135	0 %100
146	M147	Z	1.81	1.81	0 %100
147	M148	X	-3.144	-3.144	0 %100
148	M148	Z	1.815	1.815	0 %100
149	M149	X	-2.809	-2.809	0 %100
150	M149	Z	1.622	1.622	0 %100
151	M150	X	-2.809	-2.809	0 %100
152	M150	Z	1.622	1.622	0 %100
153	M151	X	-2.809	-2.809	0 %100
154	M151	Z	1.622	1.622	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
155	M152	X	-2.809	-2.809	0 %100
156	M152	Z	1.622	1.622	0 %100
157	M153	X	-1.723	-1.723	0 %100
158	M153	Z	.995	.995	0 %100
159	M154	X	-1.723	-1.723	0 %100
160	M154	Z	.995	.995	0 %100
161	M155	X	-.786	-.786	0 %100
162	M155	Z	.454	.454	0 %100
163	M148A	X	-.702	-.702	0 %100
164	M148A	Z	.405	.405	0 %100
165	M149A	X	-.702	-.702	0 %100
166	M149A	Z	.405	.405	0 %100
167	M150A	X	-.702	-.702	0 %100
168	M150A	Z	.405	.405	0 %100
169	M151A	X	-.702	-.702	0 %100
170	M151A	Z	.405	.405	0 %100
171	MP3C	X	-2.265	-2.265	0 %100
172	MP3C	Z	1.308	1.308	0 %100
173	M157	X	0	0	0 %100
174	M157	Z	0	0	0 %100
175	M158	X	0	0	0 %100
176	M158	Z	0	0	0 %100
177	M159	X	0	0	0 %100
178	M159	Z	0	0	0 %100
179	M160	X	0	0	0 %100
180	M160	Z	0	0	0 %100
181	MP3B	X	-2.265	-2.265	0 %100
182	MP3B	Z	1.308	1.308	0 %100
183	M166	X	-.702	-.702	0 %100
184	M166	Z	.405	.405	0 %100
185	M167	X	-.702	-.702	0 %100
186	M167	Z	.405	.405	0 %100
187	M168	X	-.702	-.702	0 %100
188	M168	Z	.405	.405	0 %100
189	M169	X	-.702	-.702	0 %100
190	M169	Z	.405	.405	0 %100
191	M174	X	-.658	-.658	0 %100
192	M174	Z	.38	.38	0 %100
193	M177	X	-2.632	-2.632	0 %100
194	M177	Z	1.519	1.519	0 %100
195	M180	X	-.658	-.658	0 %100
196	M180	Z	.38	.38	0 %100
197	M189	X	-.518	-.518	0 %100
198	M189	Z	.299	.299	0 %100
199	M190	X	-2.073	-2.073	0 %100
200	M190	Z	1.197	1.197	0 %100
201	M191	X	-.518	-.518	0 %100
202	M191	Z	.299	.299	0 %100
203	M192	X	-1.3	-1.3	0 %100
204	M192	Z	.75	.75	0 %100
205	M193	X	-3.377	-3.377	0 %100
206	M193	Z	1.95	1.95	0 %100
207	M194	X	-2.024	-2.024	0 %100
208	M194	Z	1.168	1.168	0 %100
209	M195	X	-1.956	-1.956	0 %100
210	M195	Z	1.13	1.13	0 %100
211	M196	X	-3.376	-3.376	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
212	M196	Z	1.949	1.949	0	%100
213	M197	X	-1.374	-1.374	0	%100
214	M197	Z	.793	.793	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	MP3A	X	-2.615	-2.615	0	%100
4	MP3A	Z	0	0	0	%100
5	MP2A	X	-3.039	-3.039	0	%100
6	MP2A	Z	0	0	0	%100
7	M10	X	-4.429	-4.429	0	%100
8	M10	Z	0	0	0	%100
9	M19	X	-4.429	-4.429	0	%100
10	M19	Z	0	0	0	%100
11	M28	X	0	0	0	%100
12	M28	Z	0	0	0	%100
13	M31	X	-4.291	-4.291	0	%100
14	M31	Z	0	0	0	%100
15	M34	X	-4.291	-4.291	0	%100
16	M34	Z	0	0	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	0	0	0	%100
19	M46	X	-.868	-.868	0	%100
20	M46	Z	0	0	0	%100
21	M52	X	-.868	-.868	0	%100
22	M52	Z	0	0	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	-4.682	-4.682	0	%100
26	M56	Z	0	0	0	%100
27	M57	X	-3.675	-3.675	0	%100
28	M57	Z	0	0	0	%100
29	M58	X	-3.675	-3.675	0	%100
30	M58	Z	0	0	0	%100
31	M59	X	-1.397	-1.397	0	%100
32	M59	Z	0	0	0	%100
33	M60	X	-1.397	-1.397	0	%100
34	M60	Z	0	0	0	%100
35	M61	X	-1.397	-1.397	0	%100
36	M61	Z	0	0	0	%100
37	M62	X	-1.397	-1.397	0	%100
38	M62	Z	0	0	0	%100
39	M63	X	-1.397	-1.397	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	-1.397	-1.397	0	%100
42	M64	Z	0	0	0	%100
43	M65	X	-1.397	-1.397	0	%100
44	M65	Z	0	0	0	%100
45	M66	X	-2.56	-2.56	0	%100
46	M66	Z	0	0	0	%100
47	M75	X	0	0	0	%100
48	M75	Z	0	0	0	%100
49	M76	X	-3.189	-3.189	0	%100
50	M76	Z	0	0	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
51	M77	X	-3.189	-3.189	0 %100
52	M77	Z	0	0	0 %100
53	M78	X	0	0	0 %100
54	M78	Z	0	0	0 %100
55	M79	X	-4.429	-4.429	0 %100
56	M79	Z	0	0	0 %100
57	M80	X	-4.429	-4.429	0 %100
58	M80	Z	0	0	0 %100
59	MP4A	X	-3.039	-3.039	0 %100
60	MP4A	Z	0	0	0 %100
61	M52A	X	-1.198	-1.198	0 %100
62	M52A	Z	0	0	0 %100
63	M56A	X	-.255	-.255	0 %100
64	M56A	Z	0	0	0 %100
65	M67	X	-2.506	-2.506	0 %100
66	M67	Z	0	0	0 %100
67	M68	X	0	0	0 %100
68	M68	Z	0	0	0 %100
69	MP5B	X	-3.039	-3.039	0 %100
70	MP5B	Z	0	0	0 %100
71	MP1C	X	-3.039	-3.039	0 %100
72	MP1C	Z	0	0	0 %100
73	M74A	X	-.627	-.627	0 %100
74	M74A	Z	0	0	0 %100
75	M75A	X	-1.525	-1.525	0 %100
76	M75A	Z	0	0	0 %100
77	MP5A	X	-3.039	-3.039	0 %100
78	MP5A	Z	0	0	0 %100
79	MP1B	X	-3.039	-3.039	0 %100
80	MP1B	Z	0	0	0 %100
81	M81	X	-.627	-.627	0 %100
82	M81	Z	0	0	0 %100
83	M82	X	-1.525	-1.525	0 %100
84	M82	Z	0	0	0 %100
85	MP5C	X	-3.039	-3.039	0 %100
86	MP5C	Z	0	0	0 %100
87	MP1A	X	-3.039	-3.039	0 %100
88	MP1A	Z	0	0	0 %100
89	M90	X	0	0	0 %100
90	M90	Z	0	0	0 %100
91	M91	X	-3.586	-3.586	0 %100
92	M91	Z	0	0	0 %100
93	M92	X	-3.586	-3.586	0 %100
94	M92	Z	0	0	0 %100
95	MP2C	X	-3.039	-3.039	0 %100
96	MP2C	Z	0	0	0 %100
97	MP4C	X	-3.039	-3.039	0 %100
98	MP4C	Z	0	0	0 %100
99	MP2B	X	-3.039	-3.039	0 %100
100	MP2B	Z	0	0	0 %100
101	MP4B	X	-3.039	-3.039	0 %100
102	MP4B	Z	0	0	0 %100
103	M111	X	0	0	0 %100
104	M111	Z	0	0	0 %100
105	M115	X	-2.506	-2.506	0 %100
106	M115	Z	0	0	0 %100
107	M116	X	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
108	M116	Z	0	0	0	%100
109	M119	X	-0.868	-0.868	0	%100
110	M119	Z	0	0	0	%100
111	M123	X	-0.627	-0.627	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-1.525	-1.525	0	%100
114	M124	Z	0	0	0	%100
115	M127	X	-0.868	-0.868	0	%100
116	M127	Z	0	0	0	%100
117	M131	X	-0.627	-0.627	0	%100
118	M131	Z	0	0	0	%100
119	M132	X	-1.525	-1.525	0	%100
120	M132	Z	0	0	0	%100
121	M135	X	-3.244	-3.244	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	-3.244	-3.244	0	%100
124	M136	Z	0	0	0	%100
125	M137	X	-3.244	-3.244	0	%100
126	M137	Z	0	0	0	%100
127	M138	X	-3.244	-3.244	0	%100
128	M138	Z	0	0	0	%100
129	M139	X	-1.446	-1.446	0	%100
130	M139	Z	0	0	0	%100
131	M140	X	-1.446	-1.446	0	%100
132	M140	Z	0	0	0	%100
133	M141	X	0	0	0	%100
134	M141	Z	0	0	0	%100
135	M142	X	-3.244	-3.244	0	%100
136	M142	Z	0	0	0	%100
137	M143	X	-3.244	-3.244	0	%100
138	M143	Z	0	0	0	%100
139	M144	X	-3.244	-3.244	0	%100
140	M144	Z	0	0	0	%100
141	M145	X	-3.244	-3.244	0	%100
142	M145	Z	0	0	0	%100
143	M146	X	-3.077	-3.077	0	%100
144	M146	Z	0	0	0	%100
145	M147	X	-3.077	-3.077	0	%100
146	M147	Z	0	0	0	%100
147	M148	X	-2.723	-2.723	0	%100
148	M148	Z	0	0	0	%100
149	M149	X	-3.244	-3.244	0	%100
150	M149	Z	0	0	0	%100
151	M150	X	-3.244	-3.244	0	%100
152	M150	Z	0	0	0	%100
153	M151	X	-3.244	-3.244	0	%100
154	M151	Z	0	0	0	%100
155	M152	X	-3.244	-3.244	0	%100
156	M152	Z	0	0	0	%100
157	M153	X	-3.077	-3.077	0	%100
158	M153	Z	0	0	0	%100
159	M154	X	-3.077	-3.077	0	%100
160	M154	Z	0	0	0	%100
161	M155	X	-2.723	-2.723	0	%100
162	M155	Z	0	0	0	%100
163	M148A	X	-1.081	-1.081	0	%100
164	M148A	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
165	M149A	X	-1.081	-1.081	0	%100
166	M149A	Z	0	0	0	%100
167	M150A	X	-1.081	-1.081	0	%100
168	M150A	Z	0	0	0	%100
169	M151A	X	-1.081	-1.081	0	%100
170	M151A	Z	0	0	0	%100
171	MP3C	X	-2.615	-2.615	0	%100
172	MP3C	Z	0	0	0	%100
173	M157	X	-.27	-.27	0	%100
174	M157	Z	0	0	0	%100
175	M158	X	-.27	-.27	0	%100
176	M158	Z	0	0	0	%100
177	M159	X	-.27	-.27	0	%100
178	M159	Z	0	0	0	%100
179	M160	X	-.27	-.27	0	%100
180	M160	Z	0	0	0	%100
181	MP3B	X	-2.615	-2.615	0	%100
182	MP3B	Z	0	0	0	%100
183	M166	X	-.27	-.27	0	%100
184	M166	Z	0	0	0	%100
185	M167	X	-.27	-.27	0	%100
186	M167	Z	0	0	0	%100
187	M168	X	-.27	-.27	0	%100
188	M168	Z	0	0	0	%100
189	M169	X	-.27	-.27	0	%100
190	M169	Z	0	0	0	%100
191	M174	X	0	0	0	%100
192	M174	Z	0	0	0	%100
193	M177	X	-2.279	-2.279	0	%100
194	M177	Z	0	0	0	%100
195	M180	X	-2.279	-2.279	0	%100
196	M180	Z	0	0	0	%100
197	M189	X	0	0	0	%100
198	M189	Z	0	0	0	%100
199	M190	X	-1.796	-1.796	0	%100
200	M190	Z	0	0	0	%100
201	M191	X	-1.796	-1.796	0	%100
202	M191	Z	0	0	0	%100
203	M192	X	-2.821	-2.821	0	%100
204	M192	Z	0	0	0	%100
205	M193	X	-2.904	-2.904	0	%100
206	M193	Z	0	0	0	%100
207	M194	X	-1.259	-1.259	0	%100
208	M194	Z	0	0	0	%100
209	M195	X	-3.577	-3.577	0	%100
210	M195	Z	0	0	0	%100
211	M196	X	-3.657	-3.657	0	%100
212	M196	Z	0	0	0	%100
213	M197	X	-1.264	-1.264	0	%100
214	M197	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	-1.279	-1.279	0	%100
2	M1	Z	-.738	-.738	0	%100
3	MP3A	X	-2.265	-2.265	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
4	MP3A	Z	-1.308	-1.308	0 %100
5	MP2A	X	-2.632	-2.632	0 %100
6	MP2A	Z	-1.519	-1.519	0 %100
7	M10	X	-1.279	-1.279	0 %100
8	M10	Z	-.738	-.738	0 %100
9	M19	X	-5.114	-5.114	0 %100
10	M19	Z	-2.953	-2.953	0 %100
11	M28	X	-1.239	-1.239	0 %100
12	M28	Z	-.715	-.715	0 %100
13	M31	X	-1.239	-1.239	0 %100
14	M31	Z	-.715	-.715	0 %100
15	M34	X	-4.955	-4.955	0 %100
16	M34	Z	-2.861	-2.861	0 %100
17	M40	X	-.251	-.251	0 %100
18	M40	Z	-.145	-.145	0 %100
19	M46	X	-.251	-.251	0 %100
20	M46	Z	-.145	-.145	0 %100
21	M52	X	-1.002	-1.002	0 %100
22	M52	Z	-.579	-.579	0 %100
23	M55	X	-1.08	-1.08	0 %100
24	M55	Z	-.623	-.623	0 %100
25	M56	X	-3.041	-3.041	0 %100
26	M56	Z	-1.756	-1.756	0 %100
27	M57	X	-3.183	-3.183	0 %100
28	M57	Z	-1.837	-1.837	0 %100
29	M58	X	-3.183	-3.183	0 %100
30	M58	Z	-1.837	-1.837	0 %100
31	M59	X	-.907	-.907	0 %100
32	M59	Z	-.524	-.524	0 %100
33	M60	X	-.907	-.907	0 %100
34	M60	Z	-.524	-.524	0 %100
35	M61	X	-.907	-.907	0 %100
36	M61	Z	-.524	-.524	0 %100
37	M62	X	-.907	-.907	0 %100
38	M62	Z	-.524	-.524	0 %100
39	M63	X	-.907	-.907	0 %100
40	M63	Z	-.524	-.524	0 %100
41	M64	X	-.907	-.907	0 %100
42	M64	Z	-.524	-.524	0 %100
43	M65	X	-.907	-.907	0 %100
44	M65	Z	-.524	-.524	0 %100
45	M66	X	-1.279	-1.279	0 %100
46	M66	Z	-.739	-.739	0 %100
47	M75	X	-.92	-.92	0 %100
48	M75	Z	-.531	-.531	0 %100
49	M76	X	-.92	-.92	0 %100
50	M76	Z	-.531	-.531	0 %100
51	M77	X	-3.682	-3.682	0 %100
52	M77	Z	-2.126	-2.126	0 %100
53	M78	X	-1.279	-1.279	0 %100
54	M78	Z	-.738	-.738	0 %100
55	M79	X	-1.279	-1.279	0 %100
56	M79	Z	-.738	-.738	0 %100
57	M80	X	-5.114	-5.114	0 %100
58	M80	Z	-2.953	-2.953	0 %100
59	MP4A	X	-2.632	-2.632	0 %100
60	MP4A	Z	-1.519	-1.519	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
61	M52A	X	-2.096	-2.096	0 %100
62	M52A	Z	-1.21	-1.21	0 %100
63	M56A	X	-.1	-.1	0 %100
64	M56A	Z	-.058	-.058	0 %100
65	M67	X	-1.628	-1.628	0 %100
66	M67	Z	-.94	-.94	0 %100
67	M68	X	-.44	-.44	0 %100
68	M68	Z	-.254	-.254	0 %100
69	MP5B	X	-2.632	-2.632	0 %100
70	MP5B	Z	-1.519	-1.519	0 %100
71	MP1C	X	-2.632	-2.632	0 %100
72	MP1C	Z	-1.519	-1.519	0 %100
73	M74A	X	-1.628	-1.628	0 %100
74	M74A	Z	-.94	-.94	0 %100
75	M75A	X	-.44	-.44	0 %100
76	M75A	Z	-.254	-.254	0 %100
77	MP5A	X	-2.632	-2.632	0 %100
78	MP5A	Z	-1.519	-1.519	0 %100
79	MP1B	X	-2.632	-2.632	0 %100
80	MP1B	Z	-1.519	-1.519	0 %100
81	M81	X	0	0	0 %100
82	M81	Z	0	0	0 %100
83	M82	X	-1.761	-1.761	0 %100
84	M82	Z	-1.017	-1.017	0 %100
85	MP5C	X	-2.632	-2.632	0 %100
86	MP5C	Z	-1.519	-1.519	0 %100
87	MP1A	X	-2.632	-2.632	0 %100
88	MP1A	Z	-1.519	-1.519	0 %100
89	M90	X	-1.035	-1.035	0 %100
90	M90	Z	-.598	-.598	0 %100
91	M91	X	-1.035	-1.035	0 %100
92	M91	Z	-.598	-.598	0 %100
93	M92	X	-4.141	-4.141	0 %100
94	M92	Z	-2.391	-2.391	0 %100
95	MP2C	X	-2.632	-2.632	0 %100
96	MP2C	Z	-1.519	-1.519	0 %100
97	MP4C	X	-2.632	-2.632	0 %100
98	MP4C	Z	-1.519	-1.519	0 %100
99	MP2B	X	-2.632	-2.632	0 %100
100	MP2B	Z	-1.519	-1.519	0 %100
101	MP4B	X	-2.632	-2.632	0 %100
102	MP4B	Z	-1.519	-1.519	0 %100
103	M111	X	-.251	-.251	0 %100
104	M111	Z	-.145	-.145	0 %100
105	M115	X	-1.628	-1.628	0 %100
106	M115	Z	-.94	-.94	0 %100
107	M116	X	-.44	-.44	0 %100
108	M116	Z	-.254	-.254	0 %100
109	M119	X	-.251	-.251	0 %100
110	M119	Z	-.145	-.145	0 %100
111	M123	X	-1.628	-1.628	0 %100
112	M123	Z	-.94	-.94	0 %100
113	M124	X	-.44	-.44	0 %100
114	M124	Z	-.254	-.254	0 %100
115	M127	X	-1.002	-1.002	0 %100
116	M127	Z	-.579	-.579	0 %100
117	M131	X	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
118	M131	Z	0	0	%100
119	M132	X	-1.761	-1.761	%100
120	M132	Z	-1.017	-1.017	%100
121	M135	X	-2.809	-2.809	%100
122	M135	Z	-1.622	-1.622	%100
123	M136	X	-2.809	-2.809	%100
124	M136	Z	-1.622	-1.622	%100
125	M137	X	-2.809	-2.809	%100
126	M137	Z	-1.622	-1.622	%100
127	M138	X	-2.809	-2.809	%100
128	M138	Z	-1.622	-1.622	%100
129	M139	X	-1.723	-1.723	%100
130	M139	Z	-0.995	-0.995	%100
131	M140	X	-1.723	-1.723	%100
132	M140	Z	-0.995	-0.995	%100
133	M141	X	-0.786	-0.786	%100
134	M141	Z	-0.454	-0.454	%100
135	M142	X	-2.809	-2.809	%100
136	M142	Z	-1.622	-1.622	%100
137	M143	X	-2.809	-2.809	%100
138	M143	Z	-1.622	-1.622	%100
139	M144	X	-2.809	-2.809	%100
140	M144	Z	-1.622	-1.622	%100
141	M145	X	-2.809	-2.809	%100
142	M145	Z	-1.622	-1.622	%100
143	M146	X	-1.723	-1.723	%100
144	M146	Z	-0.995	-0.995	%100
145	M147	X	-1.723	-1.723	%100
146	M147	Z	-0.995	-0.995	%100
147	M148	X	-0.786	-0.786	%100
148	M148	Z	-0.454	-0.454	%100
149	M149	X	-2.809	-2.809	%100
150	M149	Z	-1.622	-1.622	%100
151	M150	X	-2.809	-2.809	%100
152	M150	Z	-1.622	-1.622	%100
153	M151	X	-2.809	-2.809	%100
154	M151	Z	-1.622	-1.622	%100
155	M152	X	-2.809	-2.809	%100
156	M152	Z	-1.622	-1.622	%100
157	M153	X	-3.135	-3.135	%100
158	M153	Z	-1.81	-1.81	%100
159	M154	X	-3.135	-3.135	%100
160	M154	Z	-1.81	-1.81	%100
161	M155	X	-3.144	-3.144	%100
162	M155	Z	-1.815	-1.815	%100
163	M148A	X	-0.702	-0.702	%100
164	M148A	Z	-0.405	-0.405	%100
165	M149A	X	-0.702	-0.702	%100
166	M149A	Z	-0.405	-0.405	%100
167	M150A	X	-0.702	-0.702	%100
168	M150A	Z	-0.405	-0.405	%100
169	M151A	X	-0.702	-0.702	%100
170	M151A	Z	-0.405	-0.405	%100
171	MP3C	X	-2.265	-2.265	%100
172	MP3C	Z	-1.308	-1.308	%100
173	M157	X	-0.702	-0.702	%100
174	M157	Z	-0.405	-0.405	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
175	M158	X	-0.702	-0.702	0	%100
176	M158	Z	-0.405	-0.405	0	%100
177	M159	X	-0.702	-0.702	0	%100
178	M159	Z	-0.405	-0.405	0	%100
179	M160	X	-0.702	-0.702	0	%100
180	M160	Z	-0.405	-0.405	0	%100
181	MP3B	X	-2.265	-2.265	0	%100
182	MP3B	Z	-1.308	-1.308	0	%100
183	M166	X	0	0	0	%100
184	M166	Z	0	0	0	%100
185	M167	X	0	0	0	%100
186	M167	Z	0	0	0	%100
187	M168	X	0	0	0	%100
188	M168	Z	0	0	0	%100
189	M169	X	0	0	0	%100
190	M169	Z	0	0	0	%100
191	M174	X	-0.658	-0.658	0	%100
192	M174	Z	-0.38	-0.38	0	%100
193	M177	X	-0.658	-0.658	0	%100
194	M177	Z	-0.38	-0.38	0	%100
195	M180	X	-2.632	-2.632	0	%100
196	M180	Z	-1.519	-1.519	0	%100
197	M189	X	-0.518	-0.518	0	%100
198	M189	Z	-0.299	-0.299	0	%100
199	M190	X	-0.518	-0.518	0	%100
200	M190	Z	-0.299	-0.299	0	%100
201	M191	X	-2.073	-2.073	0	%100
202	M191	Z	-1.197	-1.197	0	%100
203	M192	X	-3.376	-3.376	0	%100
204	M192	Z	-1.949	-1.949	0	%100
205	M193	X	-1.374	-1.374	0	%100
206	M193	Z	-0.793	-0.793	0	%100
207	M194	X	-1.3	-1.3	0	%100
208	M194	Z	-0.75	-0.75	0	%100
209	M195	X	-3.377	-3.377	0	%100
210	M195	Z	-1.95	-1.95	0	%100
211	M196	X	-2.024	-2.024	0	%100
212	M196	Z	-1.168	-1.168	0	%100
213	M197	X	-1.956	-1.956	0	%100
214	M197	Z	-1.13	-1.13	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	X	-2.215	-2.215	0	%100
2	M1	Z	-3.836	-3.836	0	%100
3	MP3A	X	-1.308	-1.308	0	%100
4	MP3A	Z	-2.265	-2.265	0	%100
5	MP2A	X	-1.519	-1.519	0	%100
6	MP2A	Z	-2.632	-2.632	0	%100
7	M10	X	0	0	0	%100
8	M10	Z	0	0	0	%100
9	M19	X	-2.215	-2.215	0	%100
10	M19	Z	-3.836	-3.836	0	%100
11	M28	X	-2.146	-2.146	0	%100
12	M28	Z	-3.716	-3.716	0	%100
13	M31	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
14	M31	Z	0	0	0	%100
15	M34	X	-2.146	-2.146	0	%100
16	M34	Z	-3.716	-3.716	0	%100
17	M40	X	-.434	-.434	0	%100
18	M40	Z	-.752	-.752	0	%100
19	M46	X	0	0	0	%100
20	M46	Z	0	0	0	%100
21	M52	X	-.434	-.434	0	%100
22	M52	Z	-.752	-.752	0	%100
23	M55	X	-1.87	-1.87	0	%100
24	M55	Z	-3.239	-3.239	0	%100
25	M56	X	-.585	-.585	0	%100
26	M56	Z	-1.014	-1.014	0	%100
27	M57	X	-1.837	-1.837	0	%100
28	M57	Z	-3.183	-3.183	0	%100
29	M58	X	-1.837	-1.837	0	%100
30	M58	Z	-3.183	-3.183	0	%100
31	M59	X	-.175	-.175	0	%100
32	M59	Z	-.302	-.302	0	%100
33	M60	X	-.175	-.175	0	%100
34	M60	Z	-.302	-.302	0	%100
35	M61	X	-.175	-.175	0	%100
36	M61	Z	-.302	-.302	0	%100
37	M62	X	-.175	-.175	0	%100
38	M62	Z	-.302	-.302	0	%100
39	M63	X	-.175	-.175	0	%100
40	M63	Z	-.302	-.302	0	%100
41	M64	X	-.175	-.175	0	%100
42	M64	Z	-.302	-.302	0	%100
43	M65	X	-.175	-.175	0	%100
44	M65	Z	-.302	-.302	0	%100
45	M66	X	-.128	-.128	0	%100
46	M66	Z	-.221	-.221	0	%100
47	M75	X	-1.594	-1.594	0	%100
48	M75	Z	-2.761	-2.761	0	%100
49	M76	X	0	0	0	%100
50	M76	Z	0	0	0	%100
51	M77	X	-1.594	-1.594	0	%100
52	M77	Z	-2.761	-2.761	0	%100
53	M78	X	-2.215	-2.215	0	%100
54	M78	Z	-3.836	-3.836	0	%100
55	M79	X	0	0	0	%100
56	M79	Z	0	0	0	%100
57	M80	X	-2.215	-2.215	0	%100
58	M80	Z	-3.836	-3.836	0	%100
59	MP4A	X	-1.519	-1.519	0	%100
60	MP4A	Z	-2.632	-2.632	0	%100
61	M52A	X	-1.28	-1.28	0	%100
62	M52A	Z	-2.217	-2.217	0	%100
63	M56A	X	-.599	-.599	0	%100
64	M56A	Z	-1.037	-1.037	0	%100
65	M67	X	-.313	-.313	0	%100
66	M67	Z	-.543	-.543	0	%100
67	M68	X	-.763	-.763	0	%100
68	M68	Z	-1.321	-1.321	0	%100
69	MP5B	X	-1.519	-1.519	0	%100
70	MP5B	Z	-2.632	-2.632	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
71	MP1C	X	-1.519	-1.519	0 %100
72	MP1C	Z	-2.632	-2.632	0 %100
73	M74A	X	-1.253	-1.253	0 %100
74	M74A	Z	-2.17	-2.17	0 %100
75	M75A	X	0	0	0 %100
76	M75A	Z	0	0	0 %100
77	MP5A	X	-1.519	-1.519	0 %100
78	MP5A	Z	-2.632	-2.632	0 %100
79	MP1B	X	-1.519	-1.519	0 %100
80	MP1B	Z	-2.632	-2.632	0 %100
81	M81	X	-.313	-.313	0 %100
82	M81	Z	-.543	-.543	0 %100
83	M82	X	-.763	-.763	0 %100
84	M82	Z	-1.321	-1.321	0 %100
85	MP5C	X	-1.519	-1.519	0 %100
86	MP5C	Z	-2.632	-2.632	0 %100
87	MP1A	X	-1.519	-1.519	0 %100
88	MP1A	Z	-2.632	-2.632	0 %100
89	M90	X	-1.793	-1.793	0 %100
90	M90	Z	-3.105	-3.105	0 %100
91	M91	X	0	0	0 %100
92	M91	Z	0	0	0 %100
93	M92	X	-1.793	-1.793	0 %100
94	M92	Z	-3.105	-3.105	0 %100
95	MP2C	X	-1.519	-1.519	0 %100
96	MP2C	Z	-2.632	-2.632	0 %100
97	MP4C	X	-1.519	-1.519	0 %100
98	MP4C	Z	-2.632	-2.632	0 %100
99	MP2B	X	-1.519	-1.519	0 %100
100	MP2B	Z	-2.632	-2.632	0 %100
101	MP4B	X	-1.519	-1.519	0 %100
102	MP4B	Z	-2.632	-2.632	0 %100
103	M111	X	-.434	-.434	0 %100
104	M111	Z	-.752	-.752	0 %100
105	M115	X	-.313	-.313	0 %100
106	M115	Z	-.543	-.543	0 %100
107	M116	X	-.763	-.763	0 %100
108	M116	Z	-1.321	-1.321	0 %100
109	M119	X	0	0	0 %100
110	M119	Z	0	0	0 %100
111	M123	X	-1.253	-1.253	0 %100
112	M123	Z	-2.17	-2.17	0 %100
113	M124	X	0	0	0 %100
114	M124	Z	0	0	0 %100
115	M127	X	-.434	-.434	0 %100
116	M127	Z	-.752	-.752	0 %100
117	M131	X	-.313	-.313	0 %100
118	M131	Z	-.543	-.543	0 %100
119	M132	X	-.763	-.763	0 %100
120	M132	Z	-1.321	-1.321	0 %100
121	M135	X	-1.622	-1.622	0 %100
122	M135	Z	-2.809	-2.809	0 %100
123	M136	X	-1.622	-1.622	0 %100
124	M136	Z	-2.809	-2.809	0 %100
125	M137	X	-1.622	-1.622	0 %100
126	M137	Z	-2.809	-2.809	0 %100
127	M138	X	-1.622	-1.622	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
128	M138	Z	-2.809	-2.809	0 %100
129	M139	X	-1.538	-1.538	0 %100
130	M139	Z	-2.664	-2.664	0 %100
131	M140	X	-1.538	-1.538	0 %100
132	M140	Z	-2.664	-2.664	0 %100
133	M141	X	-1.362	-1.362	0 %100
134	M141	Z	-2.358	-2.358	0 %100
135	M142	X	-1.622	-1.622	0 %100
136	M142	Z	-2.809	-2.809	0 %100
137	M143	X	-1.622	-1.622	0 %100
138	M143	Z	-2.809	-2.809	0 %100
139	M144	X	-1.622	-1.622	0 %100
140	M144	Z	-2.809	-2.809	0 %100
141	M145	X	-1.622	-1.622	0 %100
142	M145	Z	-2.809	-2.809	0 %100
143	M146	X	-.723	-.723	0 %100
144	M146	Z	-1.252	-1.252	0 %100
145	M147	X	-.723	-.723	0 %100
146	M147	Z	-1.252	-1.252	0 %100
147	M148	X	0	0	0 %100
148	M148	Z	0	0	0 %100
149	M149	X	-1.622	-1.622	0 %100
150	M149	Z	-2.809	-2.809	0 %100
151	M150	X	-1.622	-1.622	0 %100
152	M150	Z	-2.809	-2.809	0 %100
153	M151	X	-1.622	-1.622	0 %100
154	M151	Z	-2.809	-2.809	0 %100
155	M152	X	-1.622	-1.622	0 %100
156	M152	Z	-2.809	-2.809	0 %100
157	M153	X	-1.538	-1.538	0 %100
158	M153	Z	-2.664	-2.664	0 %100
159	M154	X	-1.538	-1.538	0 %100
160	M154	Z	-2.664	-2.664	0 %100
161	M155	X	-1.362	-1.362	0 %100
162	M155	Z	-2.358	-2.358	0 %100
163	M148A	X	-.135	-.135	0 %100
164	M148A	Z	-.234	-.234	0 %100
165	M149A	X	-.135	-.135	0 %100
166	M149A	Z	-.234	-.234	0 %100
167	M150A	X	-.135	-.135	0 %100
168	M150A	Z	-.234	-.234	0 %100
169	M151A	X	-.135	-.135	0 %100
170	M151A	Z	-.234	-.234	0 %100
171	MP3C	X	-1.308	-1.308	0 %100
172	MP3C	Z	-2.265	-2.265	0 %100
173	M157	X	-.54	-.54	0 %100
174	M157	Z	-.936	-.936	0 %100
175	M158	X	-.54	-.54	0 %100
176	M158	Z	-.936	-.936	0 %100
177	M159	X	-.54	-.54	0 %100
178	M159	Z	-.936	-.936	0 %100
179	M160	X	-.54	-.54	0 %100
180	M160	Z	-.936	-.936	0 %100
181	MP3B	X	-1.308	-1.308	0 %100
182	MP3B	Z	-2.265	-2.265	0 %100
183	M166	X	-.135	-.135	0 %100
184	M166	Z	-.234	-.234	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
185	M167	X	-135	-135	0	%100
186	M167	Z	-234	-234	0	%100
187	M168	X	-135	-135	0	%100
188	M168	Z	-234	-234	0	%100
189	M169	X	-135	-135	0	%100
190	M169	Z	-234	-234	0	%100
191	M174	X	-1.14	-1.14	0	%100
192	M174	Z	-1.974	-1.974	0	%100
193	M177	X	0	0	0	%100
194	M177	Z	0	0	0	%100
195	M180	X	-1.14	-1.14	0	%100
196	M180	Z	-1.974	-1.974	0	%100
197	M189	X	-898	-898	0	%100
198	M189	Z	-1.555	-1.555	0	%100
199	M190	X	0	0	0	%100
200	M190	Z	0	0	0	%100
201	M191	X	-898	-898	0	%100
202	M191	Z	-1.555	-1.555	0	%100
203	M192	X	-1.828	-1.828	0	%100
204	M192	Z	-3.167	-3.167	0	%100
205	M193	X	-632	-632	0	%100
206	M193	Z	-1.095	-1.095	0	%100
207	M194	X	-1.41	-1.41	0	%100
208	M194	Z	-2.443	-2.443	0	%100
209	M195	X	-1.452	-1.452	0	%100
210	M195	Z	-2.515	-2.515	0	%100
211	M196	X	-629	-629	0	%100
212	M196	Z	-1.09	-1.09	0	%100
213	M197	X	-1.788	-1.788	0	%100
214	M197	Z	-3.098	-3.098	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	X	0	0	0	%100
2	M1	Z	-1.6	-1.6	0	%100
3	MP3A	X	0	0	0	%100
4	MP3A	Z	-482	-482	0	%100
5	MP2A	X	0	0	0	%100
6	MP2A	Z	-567	-567	0	%100
7	M10	X	0	0	0	%100
8	M10	Z	-4	-4	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	-4	-4	0	%100
11	M28	X	0	0	0	%100
12	M28	Z	-1.533	-1.533	0	%100
13	M31	X	0	0	0	%100
14	M31	Z	-383	-383	0	%100
15	M34	X	0	0	0	%100
16	M34	Z	-383	-383	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	-.09	-.09	0	%100
19	M46	X	0	0	0	%100
20	M46	Z	-.022	-.022	0	%100
21	M52	X	0	0	0	%100
22	M52	Z	-.022	-.022	0	%100
23	M55	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
24	M55	Z	-1.37	-1.37	0 %100
25	M56	X	0	0	0 %100
26	M56	Z	0	0	0 %100
27	M57	X	0	0	0 %100
28	M57	Z	-.796	-.796	0 %100
29	M58	X	0	0	0 %100
30	M58	Z	-.796	-.796	0 %100
31	M59	X	0	0	0 %100
32	M59	Z	0	0	0 %100
33	M60	X	0	0	0 %100
34	M60	Z	0	0	0 %100
35	M61	X	0	0	0 %100
36	M61	Z	0	0	0 %100
37	M62	X	0	0	0 %100
38	M62	Z	0	0	0 %100
39	M63	X	0	0	0 %100
40	M63	Z	0	0	0 %100
41	M64	X	0	0	0 %100
42	M64	Z	0	0	0 %100
43	M65	X	0	0	0 %100
44	M65	Z	0	0	0 %100
45	M66	X	0	0	0 %100
46	M66	Z	-.024	-.024	0 %100
47	M75	X	0	0	0 %100
48	M75	Z	-1.195	-1.195	0 %100
49	M76	X	0	0	0 %100
50	M76	Z	-.299	-.299	0 %100
51	M77	X	0	0	0 %100
52	M77	Z	-.299	-.299	0 %100
53	M78	X	0	0	0 %100
54	M78	Z	-1.6	-1.6	0 %100
55	M79	X	0	0	0 %100
56	M79	Z	-.4	-.4	0 %100
57	M80	X	0	0	0 %100
58	M80	Z	-.4	-.4	0 %100
59	MP4A	X	0	0	0 %100
60	MP4A	Z	-.567	-.567	0 %100
61	M52A	X	0	0	0 %100
62	M52A	Z	-.31	-.31	0 %100
63	M56A	X	0	0	0 %100
64	M56A	Z	-.507	-.507	0 %100
65	M67	X	0	0	0 %100
66	M67	Z	0	0	0 %100
67	M68	X	0	0	0 %100
68	M68	Z	-.372	-.372	0 %100
69	MP5B	X	0	0	0 %100
70	MP5B	Z	-.567	-.567	0 %100
71	MP1C	X	0	0	0 %100
72	MP1C	Z	-.567	-.567	0 %100
73	M74A	X	0	0	0 %100
74	M74A	Z	-.372	-.372	0 %100
75	M75A	X	0	0	0 %100
76	M75A	Z	-.093	-.093	0 %100
77	MP5A	X	0	0	0 %100
78	MP5A	Z	-.567	-.567	0 %100
79	MP1B	X	0	0	0 %100
80	MP1B	Z	-.567	-.567	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
81	M81	X	0	0	0	%100
82	M81	Z	-0.372	-0.372	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-0.093	-0.093	0	%100
85	MP5C	X	0	0	0	%100
86	MP5C	Z	-0.567	-0.567	0	%100
87	MP1A	X	0	0	0	%100
88	MP1A	Z	-0.567	-0.567	0	%100
89	M90	X	0	0	0	%100
90	M90	Z	-1.195	-1.195	0	%100
91	M91	X	0	0	0	%100
92	M91	Z	-0.299	-0.299	0	%100
93	M92	X	0	0	0	%100
94	M92	Z	-0.299	-0.299	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-0.567	-0.567	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	-0.567	-0.567	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-0.567	-0.567	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-0.567	-0.567	0	%100
103	M111	X	0	0	0	%100
104	M111	Z	-0.09	-0.09	0	%100
105	M115	X	0	0	0	%100
106	M115	Z	0	0	0	%100
107	M116	X	0	0	0	%100
108	M116	Z	-0.372	-0.372	0	%100
109	M119	X	0	0	0	%100
110	M119	Z	-0.022	-0.022	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-0.372	-0.372	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-0.093	-0.093	0	%100
115	M127	X	0	0	0	%100
116	M127	Z	-0.022	-0.022	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	-0.372	-0.372	0	%100
119	M132	X	0	0	0	%100
120	M132	Z	-0.093	-0.093	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	-0.717	-0.717	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	-0.717	-0.717	0	%100
125	M137	X	0	0	0	%100
126	M137	Z	-0.717	-0.717	0	%100
127	M138	X	0	0	0	%100
128	M138	Z	-0.717	-0.717	0	%100
129	M139	X	0	0	0	%100
130	M139	Z	-0.796	-0.796	0	%100
131	M140	X	0	0	0	%100
132	M140	Z	-0.796	-0.796	0	%100
133	M141	X	0	0	0	%100
134	M141	Z	-0.796	-0.796	0	%100
135	M142	X	0	0	0	%100
136	M142	Z	-0.717	-0.717	0	%100
137	M143	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
138	M143	Z	-0.717	-0.717	0 %100
139	M144	X	0	0	0 %100
140	M144	Z	-0.717	-0.717	0 %100
141	M145	X	0	0	0 %100
142	M145	Z	-0.717	-0.717	0 %100
143	M146	X	0	0	0 %100
144	M146	Z	-0.438	-0.438	0 %100
145	M147	X	0	0	0 %100
146	M147	Z	-0.438	-0.438	0 %100
147	M148	X	0	0	0 %100
148	M148	Z	-0.199	-0.199	0 %100
149	M149	X	0	0	0 %100
150	M149	Z	-0.717	-0.717	0 %100
151	M150	X	0	0	0 %100
152	M150	Z	-0.717	-0.717	0 %100
153	M151	X	0	0	0 %100
154	M151	Z	-0.717	-0.717	0 %100
155	M152	X	0	0	0 %100
156	M152	Z	-0.717	-0.717	0 %100
157	M153	X	0	0	0 %100
158	M153	Z	-0.438	-0.438	0 %100
159	M154	X	0	0	0 %100
160	M154	Z	-0.438	-0.438	0 %100
161	M155	X	0	0	0 %100
162	M155	Z	-0.199	-0.199	0 %100
163	M148A	X	0	0	0 %100
164	M148A	Z	0	0	0 %100
165	M149A	X	0	0	0 %100
166	M149A	Z	0	0	0 %100
167	M150A	X	0	0	0 %100
168	M150A	Z	0	0	0 %100
169	M151A	X	0	0	0 %100
170	M151A	Z	0	0	0 %100
171	MP3C	X	0	0	0 %100
172	MP3C	Z	-0.482	-0.482	0 %100
173	M157	X	0	0	0 %100
174	M157	Z	-0.061	-0.061	0 %100
175	M158	X	0	0	0 %100
176	M158	Z	-0.061	-0.061	0 %100
177	M159	X	0	0	0 %100
178	M159	Z	-0.061	-0.061	0 %100
179	M160	X	0	0	0 %100
180	M160	Z	-0.061	-0.061	0 %100
181	MP3B	X	0	0	0 %100
182	MP3B	Z	-0.482	-0.482	0 %100
183	M166	X	0	0	0 %100
184	M166	Z	-0.061	-0.061	0 %100
185	M167	X	0	0	0 %100
186	M167	Z	-0.061	-0.061	0 %100
187	M168	X	0	0	0 %100
188	M168	Z	-0.061	-0.061	0 %100
189	M169	X	0	0	0 %100
190	M169	Z	-0.061	-0.061	0 %100
191	M174	X	0	0	0 %100
192	M174	Z	-0.567	-0.567	0 %100
193	M177	X	0	0	0 %100
194	M177	Z	-0.142	-0.142	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
195	M180	X	0	0	0	%100
196	M180	Z	-.142	-.142	0	%100
197	M189	X	0	0	0	%100
198	M189	Z	-.442	-.442	0	%100
199	M190	X	0	0	0	%100
200	M190	Z	-.11	-.11	0	%100
201	M191	X	0	0	0	%100
202	M191	Z	-.11	-.11	0	%100
203	M192	X	0	0	0	%100
204	M192	Z	-.541	-.541	0	%100
205	M193	X	0	0	0	%100
206	M193	Z	-.524	-.524	0	%100
207	M194	X	0	0	0	%100
208	M194	Z	-.903	-.903	0	%100
209	M195	X	0	0	0	%100
210	M195	Z	-.368	-.368	0	%100
211	M196	X	0	0	0	%100
212	M196	Z	-.348	-.348	0	%100
213	M197	X	0	0	0	%100
214	M197	Z	-.904	-.904	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	X	.6	.6	0	%100
2	M1	Z	-1.039	-1.039	0	%100
3	MP3A	X	.241	.241	0	%100
4	MP3A	Z	-.417	-.417	0	%100
5	MP2A	X	.284	.284	0	%100
6	MP2A	Z	-.491	-.491	0	%100
7	M10	X	.6	.6	0	%100
8	M10	Z	-1.039	-1.039	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	0	0	0	%100
11	M28	X	.575	.575	0	%100
12	M28	Z	-.996	-.996	0	%100
13	M31	X	.575	.575	0	%100
14	M31	Z	-.996	-.996	0	%100
15	M34	X	0	0	0	%100
16	M34	Z	0	0	0	%100
17	M40	X	.034	.034	0	%100
18	M40	Z	-.058	-.058	0	%100
19	M46	X	.034	.034	0	%100
20	M46	Z	-.058	-.058	0	%100
21	M52	X	0	0	0	%100
22	M52	Z	0	0	0	%100
23	M55	X	.514	.514	0	%100
24	M55	Z	-.89	-.89	0	%100
25	M56	X	.162	.162	0	%100
26	M56	Z	-.281	-.281	0	%100
27	M57	X	.398	.398	0	%100
28	M57	Z	-.69	-.69	0	%100
29	M58	X	.398	.398	0	%100
30	M58	Z	-.69	-.69	0	%100
31	M59	X	.02	.02	0	%100
32	M59	Z	-.034	-.034	0	%100
33	M60	X	.02	.02	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
34	M60	Z	-.034	-.034	0 %100
35	M61	X	.02	.02	0 %100
36	M61	Z	-.034	-.034	0 %100
37	M62	X	.02	.02	0 %100
38	M62	Z	-.034	-.034	0 %100
39	M63	X	.02	.02	0 %100
40	M63	Z	-.034	-.034	0 %100
41	M64	X	.02	.02	0 %100
42	M64	Z	-.034	-.034	0 %100
43	M65	X	.02	.02	0 %100
44	M65	Z	-.034	-.034	0 %100
45	M66	X	.126	.126	0 %100
46	M66	Z	-.217	-.217	0 %100
47	M75	X	.448	.448	0 %100
48	M75	Z	-.776	-.776	0 %100
49	M76	X	.448	.448	0 %100
50	M76	Z	-.776	-.776	0 %100
51	M77	X	0	0	0 %100
52	M77	Z	0	0	0 %100
53	M78	X	.6	.6	0 %100
54	M78	Z	-1.039	-1.039	0 %100
55	M79	X	.6	.6	0 %100
56	M79	Z	-1.039	-1.039	0 %100
57	M80	X	0	0	0 %100
58	M80	Z	0	0	0 %100
59	MP4A	X	.284	.284	0 %100
60	MP4A	Z	-.491	-.491	0 %100
61	M52A	X	.027	.027	0 %100
62	M52A	Z	-.046	-.046	0 %100
63	M56A	X	.268	.268	0 %100
64	M56A	Z	-.465	-.465	0 %100
65	M67	X	.062	.062	0 %100
66	M67	Z	-.107	-.107	0 %100
67	M68	X	.139	.139	0 %100
68	M68	Z	-.242	-.242	0 %100
69	MP5B	X	.284	.284	0 %100
70	MP5B	Z	-.491	-.491	0 %100
71	MP1C	X	.284	.284	0 %100
72	MP1C	Z	-.491	-.491	0 %100
73	M74A	X	.062	.062	0 %100
74	M74A	Z	-.107	-.107	0 %100
75	M75A	X	.139	.139	0 %100
76	M75A	Z	-.242	-.242	0 %100
77	MP5A	X	.284	.284	0 %100
78	MP5A	Z	-.491	-.491	0 %100
79	MP1B	X	.284	.284	0 %100
80	MP1B	Z	-.491	-.491	0 %100
81	M81	X	.248	.248	0 %100
82	M81	Z	-.429	-.429	0 %100
83	M82	X	0	0	0 %100
84	M82	Z	0	0	0 %100
85	MP5C	X	.284	.284	0 %100
86	MP5C	Z	-.491	-.491	0 %100
87	MP1A	X	.284	.284	0 %100
88	MP1A	Z	-.491	-.491	0 %100
89	M90	X	.448	.448	0 %100
90	M90	Z	-.776	-.776	0 %100





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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
91	M91	X	.448	.448	0	%100
92	M91	Z	-.776	-.776	0	%100
93	M92	X	0	0	0	%100
94	M92	Z	0	0	0	%100
95	MP2C	X	.284	.284	0	%100
96	MP2C	Z	-.491	-.491	0	%100
97	MP4C	X	.284	.284	0	%100
98	MP4C	Z	-.491	-.491	0	%100
99	MP2B	X	.284	.284	0	%100
100	MP2B	Z	-.491	-.491	0	%100
101	MP4B	X	.284	.284	0	%100
102	MP4B	Z	-.491	-.491	0	%100
103	M111	X	.034	.034	0	%100
104	M111	Z	-.058	-.058	0	%100
105	M115	X	.062	.062	0	%100
106	M115	Z	-.107	-.107	0	%100
107	M116	X	.139	.139	0	%100
108	M116	Z	-.242	-.242	0	%100
109	M119	X	.034	.034	0	%100
110	M119	Z	-.058	-.058	0	%100
111	M123	X	.062	.062	0	%100
112	M123	Z	-.107	-.107	0	%100
113	M124	X	.139	.139	0	%100
114	M124	Z	-.242	-.242	0	%100
115	M127	X	0	0	0	%100
116	M127	Z	0	0	0	%100
117	M131	X	.248	.248	0	%100
118	M131	Z	-.429	-.429	0	%100
119	M132	X	0	0	0	%100
120	M132	Z	0	0	0	%100
121	M135	X	.358	.358	0	%100
122	M135	Z	-.621	-.621	0	%100
123	M136	X	.358	.358	0	%100
124	M136	Z	-.621	-.621	0	%100
125	M137	X	.358	.358	0	%100
126	M137	Z	-.621	-.621	0	%100
127	M138	X	.358	.358	0	%100
128	M138	Z	-.621	-.621	0	%100
129	M139	X	.338	.338	0	%100
130	M139	Z	-.586	-.586	0	%100
131	M140	X	.338	.338	0	%100
132	M140	Z	-.586	-.586	0	%100
133	M141	X	.299	.299	0	%100
134	M141	Z	-.517	-.517	0	%100
135	M142	X	.358	.358	0	%100
136	M142	Z	-.621	-.621	0	%100
137	M143	X	.358	.358	0	%100
138	M143	Z	-.621	-.621	0	%100
139	M144	X	.358	.358	0	%100
140	M144	Z	-.621	-.621	0	%100
141	M145	X	.358	.358	0	%100
142	M145	Z	-.621	-.621	0	%100
143	M146	X	.338	.338	0	%100
144	M146	Z	-.586	-.586	0	%100
145	M147	X	.338	.338	0	%100
146	M147	Z	-.586	-.586	0	%100
147	M148	X	.299	.299	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
148	M148	Z	-.517	-.517	0 %100
149	M149	X	.358	.358	0 %100
150	M149	Z	-.621	-.621	0 %100
151	M150	X	.358	.358	0 %100
152	M150	Z	-.621	-.621	0 %100
153	M151	X	.358	.358	0 %100
154	M151	Z	-.621	-.621	0 %100
155	M152	X	.358	.358	0 %100
156	M152	Z	-.621	-.621	0 %100
157	M153	X	.159	.159	0 %100
158	M153	Z	-.275	-.275	0 %100
159	M154	X	.159	.159	0 %100
160	M154	Z	-.275	-.275	0 %100
161	M155	X	0	0	0 %100
162	M155	Z	0	0	0 %100
163	M148A	X	.01	.01	0 %100
164	M148A	Z	-.018	-.018	0 %100
165	M149A	X	.01	.01	0 %100
166	M149A	Z	-.018	-.018	0 %100
167	M150A	X	.01	.01	0 %100
168	M150A	Z	-.018	-.018	0 %100
169	M151A	X	.01	.01	0 %100
170	M151A	Z	-.018	-.018	0 %100
171	MP3C	X	.241	.241	0 %100
172	MP3C	Z	-.417	-.417	0 %100
173	M157	X	.01	.01	0 %100
174	M157	Z	-.018	-.018	0 %100
175	M158	X	.01	.01	0 %100
176	M158	Z	-.018	-.018	0 %100
177	M159	X	.01	.01	0 %100
178	M159	Z	-.018	-.018	0 %100
179	M160	X	.01	.01	0 %100
180	M160	Z	-.018	-.018	0 %100
181	MP3B	X	.241	.241	0 %100
182	MP3B	Z	-.417	-.417	0 %100
183	M166	X	.041	.041	0 %100
184	M166	Z	-.071	-.071	0 %100
185	M167	X	.041	.041	0 %100
186	M167	Z	-.071	-.071	0 %100
187	M168	X	.041	.041	0 %100
188	M168	Z	-.071	-.071	0 %100
189	M169	X	.041	.041	0 %100
190	M169	Z	-.071	-.071	0 %100
191	M174	X	.213	.213	0 %100
192	M174	Z	-.369	-.369	0 %100
193	M177	X	.213	.213	0 %100
194	M177	Z	-.369	-.369	0 %100
195	M180	X	0	0	0 %100
196	M180	Z	0	0	0 %100
197	M189	X	.166	.166	0 %100
198	M189	Z	-.287	-.287	0 %100
199	M190	X	.166	.166	0 %100
200	M190	Z	-.287	-.287	0 %100
201	M191	X	0	0	0 %100
202	M191	Z	0	0	0 %100
203	M192	X	.146	.146	0 %100
204	M192	Z	-.253	-.253	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
205	M193	X	.415	.415	0	%100
206	M193	Z	-.718	-.718	0	%100
207	M194	X	.424	.424	0	%100
208	M194	Z	-.734	-.734	0	%100
209	M195	X	.147	.147	0	%100
210	M195	Z	-.254	-.254	0	%100
211	M196	X	.327	.327	0	%100
212	M196	Z	-.566	-.566	0	%100
213	M197	X	.337	.337	0	%100
214	M197	Z	-.583	-.583	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	X	.346	.346	0	%100
2	M1	Z	-.2	-.2	0	%100
3	MP3A	X	.417	.417	0	%100
4	MP3A	Z	-.241	-.241	0	%100
5	MP2A	X	.491	.491	0	%100
6	MP2A	Z	-.284	-.284	0	%100
7	M10	X	1.385	1.385	0	%100
8	M10	Z	-.8	-.8	0	%100
9	M19	X	.346	.346	0	%100
10	M19	Z	-.2	-.2	0	%100
11	M28	X	.332	.332	0	%100
12	M28	Z	-.192	-.192	0	%100
13	M31	X	1.328	1.328	0	%100
14	M31	Z	-.767	-.767	0	%100
15	M34	X	.332	.332	0	%100
16	M34	Z	-.192	-.192	0	%100
17	M40	X	.019	.019	0	%100
18	M40	Z	-.011	-.011	0	%100
19	M46	X	.078	.078	0	%100
20	M46	Z	-.045	-.045	0	%100
21	M52	X	.019	.019	0	%100
22	M52	Z	-.011	-.011	0	%100
23	M55	X	.297	.297	0	%100
24	M55	Z	-.171	-.171	0	%100
25	M56	X	.842	.842	0	%100
26	M56	Z	-.486	-.486	0	%100
27	M57	X	.69	.69	0	%100
28	M57	Z	-.398	-.398	0	%100
29	M58	X	.69	.69	0	%100
30	M58	Z	-.398	-.398	0	%100
31	M59	X	.103	.103	0	%100
32	M59	Z	-.059	-.059	0	%100
33	M60	X	.103	.103	0	%100
34	M60	Z	-.059	-.059	0	%100
35	M61	X	.103	.103	0	%100
36	M61	Z	-.059	-.059	0	%100
37	M62	X	.103	.103	0	%100
38	M62	Z	-.059	-.059	0	%100
39	M63	X	.103	.103	0	%100
40	M63	Z	-.059	-.059	0	%100
41	M64	X	.103	.103	0	%100
42	M64	Z	-.059	-.059	0	%100
43	M65	X	.103	.103	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
44	M65	Z	-.059	-.059	0 %100
45	M66	X	.439	.439	0 %100
46	M66	Z	-.254	-.254	0 %100
47	M75	X	.259	.259	0 %100
48	M75	Z	-.149	-.149	0 %100
49	M76	X	1.035	1.035	0 %100
50	M76	Z	-.597	-.597	0 %100
51	M77	X	.259	.259	0 %100
52	M77	Z	-.149	-.149	0 %100
53	M78	X	.346	.346	0 %100
54	M78	Z	-.2	-.2	0 %100
55	M79	X	1.385	1.385	0 %100
56	M79	Z	-.8	-.8	0 %100
57	M80	X	.346	.346	0 %100
58	M80	Z	-.2	-.2	0 %100
59	MP4A	X	.491	.491	0 %100
60	MP4A	Z	-.284	-.284	0 %100
61	M52A	X	.021	.021	0 %100
62	M52A	Z	-.012	-.012	0 %100
63	M56A	X	.268	.268	0 %100
64	M56A	Z	-.155	-.155	0 %100
65	M67	X	.322	.322	0 %100
66	M67	Z	-.186	-.186	0 %100
67	M68	X	.081	.081	0 %100
68	M68	Z	-.046	-.046	0 %100
69	MP5B	X	.491	.491	0 %100
70	MP5B	Z	-.284	-.284	0 %100
71	MP1C	X	.491	.491	0 %100
72	MP1C	Z	-.284	-.284	0 %100
73	M74A	X	0	0	0 %100
74	M74A	Z	0	0	0 %100
75	M75A	X	.322	.322	0 %100
76	M75A	Z	-.186	-.186	0 %100
77	MP5A	X	.491	.491	0 %100
78	MP5A	Z	-.284	-.284	0 %100
79	MP1B	X	.491	.491	0 %100
80	MP1B	Z	-.284	-.284	0 %100
81	M81	X	.322	.322	0 %100
82	M81	Z	-.186	-.186	0 %100
83	M82	X	.081	.081	0 %100
84	M82	Z	-.046	-.046	0 %100
85	MP5C	X	.491	.491	0 %100
86	MP5C	Z	-.284	-.284	0 %100
87	MP1A	X	.491	.491	0 %100
88	MP1A	Z	-.284	-.284	0 %100
89	M90	X	.259	.259	0 %100
90	M90	Z	-.149	-.149	0 %100
91	M91	X	1.035	1.035	0 %100
92	M91	Z	-.597	-.597	0 %100
93	M92	X	.259	.259	0 %100
94	M92	Z	-.149	-.149	0 %100
95	MP2C	X	.491	.491	0 %100
96	MP2C	Z	-.284	-.284	0 %100
97	MP4C	X	.491	.491	0 %100
98	MP4C	Z	-.284	-.284	0 %100
99	MP2B	X	.491	.491	0 %100
100	MP2B	Z	-.284	-.284	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
101	MP4B	X	.491	.491	0 %100
102	MP4B	Z	-.284	-.284	0 %100
103	M111	X	.019	.019	0 %100
104	M111	Z	-.011	-.011	0 %100
105	M115	X	.322	.322	0 %100
106	M115	Z	-.186	-.186	0 %100
107	M116	X	.081	.081	0 %100
108	M116	Z	-.046	-.046	0 %100
109	M119	X	.078	.078	0 %100
110	M119	Z	-.045	-.045	0 %100
111	M123	X	0	0	0 %100
112	M123	Z	0	0	0 %100
113	M124	X	.322	.322	0 %100
114	M124	Z	-.186	-.186	0 %100
115	M127	X	.019	.019	0 %100
116	M127	Z	-.011	-.011	0 %100
117	M131	X	.322	.322	0 %100
118	M131	Z	-.186	-.186	0 %100
119	M132	X	.081	.081	0 %100
120	M132	Z	-.046	-.046	0 %100
121	M135	X	.621	.621	0 %100
122	M135	Z	-.358	-.358	0 %100
123	M136	X	.621	.621	0 %100
124	M136	Z	-.358	-.358	0 %100
125	M137	X	.621	.621	0 %100
126	M137	Z	-.358	-.358	0 %100
127	M138	X	.621	.621	0 %100
128	M138	Z	-.358	-.358	0 %100
129	M139	X	.379	.379	0 %100
130	M139	Z	-.219	-.219	0 %100
131	M140	X	.379	.379	0 %100
132	M140	Z	-.219	-.219	0 %100
133	M141	X	.172	.172	0 %100
134	M141	Z	-.1	-.1	0 %100
135	M142	X	.621	.621	0 %100
136	M142	Z	-.358	-.358	0 %100
137	M143	X	.621	.621	0 %100
138	M143	Z	-.358	-.358	0 %100
139	M144	X	.621	.621	0 %100
140	M144	Z	-.358	-.358	0 %100
141	M145	X	.621	.621	0 %100
142	M145	Z	-.358	-.358	0 %100
143	M146	X	.69	.69	0 %100
144	M146	Z	-.398	-.398	0 %100
145	M147	X	.69	.69	0 %100
146	M147	Z	-.398	-.398	0 %100
147	M148	X	.69	.69	0 %100
148	M148	Z	-.398	-.398	0 %100
149	M149	X	.621	.621	0 %100
150	M149	Z	-.358	-.358	0 %100
151	M150	X	.621	.621	0 %100
152	M150	Z	-.358	-.358	0 %100
153	M151	X	.621	.621	0 %100
154	M151	Z	-.358	-.358	0 %100
155	M152	X	.621	.621	0 %100
156	M152	Z	-.358	-.358	0 %100
157	M153	X	.379	.379	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
158	M153	Z	-.219	-.219	0 %100
159	M154	X	.379	.379	0 %100
160	M154	Z	-.219	-.219	0 %100
161	M155	X	.172	.172	0 %100
162	M155	Z	-.1	-.1	0 %100
163	M148A	X	.053	.053	0 %100
164	M148A	Z	-.031	-.031	0 %100
165	M149A	X	.053	.053	0 %100
166	M149A	Z	-.031	-.031	0 %100
167	M150A	X	.053	.053	0 %100
168	M150A	Z	-.031	-.031	0 %100
169	M151A	X	.053	.053	0 %100
170	M151A	Z	-.031	-.031	0 %100
171	MP3C	X	.417	.417	0 %100
172	MP3C	Z	-.241	-.241	0 %100
173	M157	X	0	0	0 %100
174	M157	Z	0	0	0 %100
175	M158	X	0	0	0 %100
176	M158	Z	0	0	0 %100
177	M159	X	0	0	0 %100
178	M159	Z	0	0	0 %100
179	M160	X	0	0	0 %100
180	M160	Z	0	0	0 %100
181	MP3B	X	.417	.417	0 %100
182	MP3B	Z	-.241	-.241	0 %100
183	M166	X	.053	.053	0 %100
184	M166	Z	-.031	-.031	0 %100
185	M167	X	.053	.053	0 %100
186	M167	Z	-.031	-.031	0 %100
187	M168	X	.053	.053	0 %100
188	M168	Z	-.031	-.031	0 %100
189	M169	X	.053	.053	0 %100
190	M169	Z	-.031	-.031	0 %100
191	M174	X	.123	.123	0 %100
192	M174	Z	-.071	-.071	0 %100
193	M177	X	.491	.491	0 %100
194	M177	Z	-.284	-.284	0 %100
195	M180	X	.123	.123	0 %100
196	M180	Z	-.071	-.071	0 %100
197	M189	X	.096	.096	0 %100
198	M189	Z	-.055	-.055	0 %100
199	M190	X	.383	.383	0 %100
200	M190	Z	-.221	-.221	0 %100
201	M191	X	.096	.096	0 %100
202	M191	Z	-.055	-.055	0 %100
203	M192	X	.301	.301	0 %100
204	M192	Z	-.174	-.174	0 %100
205	M193	X	.783	.783	0 %100
206	M193	Z	-.452	-.452	0 %100
207	M194	X	.469	.469	0 %100
208	M194	Z	-.271	-.271	0 %100
209	M195	X	.454	.454	0 %100
210	M195	Z	-.262	-.262	0 %100
211	M196	X	.782	.782	0 %100
212	M196	Z	-.452	-.452	0 %100
213	M197	X	.319	.319	0 %100
214	M197	Z	-.184	-.184	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	MP3A	X	.482	.482	0	%100
4	MP3A	Z	0	0	0	%100
5	MP2A	X	.567	.567	0	%100
6	MP2A	Z	0	0	0	%100
7	M10	X	1.2	1.2	0	%100
8	M10	Z	0	0	0	%100
9	M19	X	1.2	1.2	0	%100
10	M19	Z	0	0	0	%100
11	M28	X	0	0	0	%100
12	M28	Z	0	0	0	%100
13	M31	X	1.15	1.15	0	%100
14	M31	Z	0	0	0	%100
15	M34	X	1.15	1.15	0	%100
16	M34	Z	0	0	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	0	0	0	%100
19	M46	X	.067	.067	0	%100
20	M46	Z	0	0	0	%100
21	M52	X	.067	.067	0	%100
22	M52	Z	0	0	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	1.296	1.296	0	%100
26	M56	Z	0	0	0	%100
27	M57	X	.796	.796	0	%100
28	M57	Z	0	0	0	%100
29	M58	X	.796	.796	0	%100
30	M58	Z	0	0	0	%100
31	M59	X	.158	.158	0	%100
32	M59	Z	0	0	0	%100
33	M60	X	.158	.158	0	%100
34	M60	Z	0	0	0	%100
35	M61	X	.158	.158	0	%100
36	M61	Z	0	0	0	%100
37	M62	X	.158	.158	0	%100
38	M62	Z	0	0	0	%100
39	M63	X	.158	.158	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	.158	.158	0	%100
42	M64	Z	0	0	0	%100
43	M65	X	.158	.158	0	%100
44	M65	Z	0	0	0	%100
45	M66	X	.537	.537	0	%100
46	M66	Z	0	0	0	%100
47	M75	X	0	0	0	%100
48	M75	Z	0	0	0	%100
49	M76	X	.896	.896	0	%100
50	M76	Z	0	0	0	%100
51	M77	X	.896	.896	0	%100
52	M77	Z	0	0	0	%100
53	M78	X	0	0	0	%100
54	M78	Z	0	0	0	%100
55	M79	X	1.2	1.2	0	%100
56	M79	Z	0	0	0	%100
57	M80	X	1.2	1.2	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
58	M80	Z	0	0	%100
59	MP4A	X	.567	.567	%100
60	MP4A	Z	0	0	%100
61	M52A	X	.251	.251	%100
62	M52A	Z	0	0	%100
63	M56A	X	.054	.054	%100
64	M56A	Z	0	0	%100
65	M67	X	.496	.496	%100
66	M67	Z	0	0	%100
67	M68	X	0	0	%100
68	M68	Z	0	0	%100
69	MP5B	X	.567	.567	%100
70	MP5B	Z	0	0	%100
71	MP1C	X	.567	.567	%100
72	MP1C	Z	0	0	%100
73	M74A	X	.124	.124	%100
74	M74A	Z	0	0	%100
75	M75A	X	.279	.279	%100
76	M75A	Z	0	0	%100
77	MP5A	X	.567	.567	%100
78	MP5A	Z	0	0	%100
79	MP1B	X	.567	.567	%100
80	MP1B	Z	0	0	%100
81	M81	X	.124	.124	%100
82	M81	Z	0	0	%100
83	M82	X	.279	.279	%100
84	M82	Z	0	0	%100
85	MP5C	X	.567	.567	%100
86	MP5C	Z	0	0	%100
87	MP1A	X	.567	.567	%100
88	MP1A	Z	0	0	%100
89	M90	X	0	0	%100
90	M90	Z	0	0	%100
91	M91	X	.896	.896	%100
92	M91	Z	0	0	%100
93	M92	X	.896	.896	%100
94	M92	Z	0	0	%100
95	MP2C	X	.567	.567	%100
96	MP2C	Z	0	0	%100
97	MP4C	X	.567	.567	%100
98	MP4C	Z	0	0	%100
99	MP2B	X	.567	.567	%100
100	MP2B	Z	0	0	%100
101	MP4B	X	.567	.567	%100
102	MP4B	Z	0	0	%100
103	M111	X	0	0	%100
104	M111	Z	0	0	%100
105	M115	X	.496	.496	%100
106	M115	Z	0	0	%100
107	M116	X	0	0	%100
108	M116	Z	0	0	%100
109	M119	X	.067	.067	%100
110	M119	Z	0	0	%100
111	M123	X	.124	.124	%100
112	M123	Z	0	0	%100
113	M124	X	.279	.279	%100
114	M124	Z	0	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
115	M127	X	.067	.067	0 %100
116	M127	Z	0	0	0 %100
117	M131	X	.124	.124	0 %100
118	M131	Z	0	0	0 %100
119	M132	X	.279	.279	0 %100
120	M132	Z	0	0	0 %100
121	M135	X	.717	.717	0 %100
122	M135	Z	0	0	0 %100
123	M136	X	.717	.717	0 %100
124	M136	Z	0	0	0 %100
125	M137	X	.717	.717	0 %100
126	M137	Z	0	0	0 %100
127	M138	X	.717	.717	0 %100
128	M138	Z	0	0	0 %100
129	M139	X	.318	.318	0 %100
130	M139	Z	0	0	0 %100
131	M140	X	.318	.318	0 %100
132	M140	Z	0	0	0 %100
133	M141	X	0	0	0 %100
134	M141	Z	0	0	0 %100
135	M142	X	.717	.717	0 %100
136	M142	Z	0	0	0 %100
137	M143	X	.717	.717	0 %100
138	M143	Z	0	0	0 %100
139	M144	X	.717	.717	0 %100
140	M144	Z	0	0	0 %100
141	M145	X	.717	.717	0 %100
142	M145	Z	0	0	0 %100
143	M146	X	.677	.677	0 %100
144	M146	Z	0	0	0 %100
145	M147	X	.677	.677	0 %100
146	M147	Z	0	0	0 %100
147	M148	X	.597	.597	0 %100
148	M148	Z	0	0	0 %100
149	M149	X	.717	.717	0 %100
150	M149	Z	0	0	0 %100
151	M150	X	.717	.717	0 %100
152	M150	Z	0	0	0 %100
153	M151	X	.717	.717	0 %100
154	M151	Z	0	0	0 %100
155	M152	X	.717	.717	0 %100
156	M152	Z	0	0	0 %100
157	M153	X	.677	.677	0 %100
158	M153	Z	0	0	0 %100
159	M154	X	.677	.677	0 %100
160	M154	Z	0	0	0 %100
161	M155	X	.597	.597	0 %100
162	M155	Z	0	0	0 %100
163	M148A	X	.082	.082	0 %100
164	M148A	Z	0	0	0 %100
165	M149A	X	.082	.082	0 %100
166	M149A	Z	0	0	0 %100
167	M150A	X	.082	.082	0 %100
168	M150A	Z	0	0	0 %100
169	M151A	X	.082	.082	0 %100
170	M151A	Z	0	0	0 %100
171	MP3C	X	.482	.482	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
172	MP3C	Z	0	0	0	%100
173	M157	X	.02	.02	0	%100
174	M157	Z	0	0	0	%100
175	M158	X	.02	.02	0	%100
176	M158	Z	0	0	0	%100
177	M159	X	.02	.02	0	%100
178	M159	Z	0	0	0	%100
179	M160	X	.02	.02	0	%100
180	M160	Z	0	0	0	%100
181	MP3B	X	.482	.482	0	%100
182	MP3B	Z	0	0	0	%100
183	M166	X	.02	.02	0	%100
184	M166	Z	0	0	0	%100
185	M167	X	.02	.02	0	%100
186	M167	Z	0	0	0	%100
187	M168	X	.02	.02	0	%100
188	M168	Z	0	0	0	%100
189	M169	X	.02	.02	0	%100
190	M169	Z	0	0	0	%100
191	M174	X	0	0	0	%100
192	M174	Z	0	0	0	%100
193	M177	X	.426	.426	0	%100
194	M177	Z	0	0	0	%100
195	M180	X	.426	.426	0	%100
196	M180	Z	0	0	0	%100
197	M189	X	0	0	0	%100
198	M189	Z	0	0	0	%100
199	M190	X	.331	.331	0	%100
200	M190	Z	0	0	0	%100
201	M191	X	.331	.331	0	%100
202	M191	Z	0	0	0	%100
203	M192	X	.654	.654	0	%100
204	M192	Z	0	0	0	%100
205	M193	X	.673	.673	0	%100
206	M193	Z	0	0	0	%100
207	M194	X	.292	.292	0	%100
208	M194	Z	0	0	0	%100
209	M195	X	.829	.829	0	%100
210	M195	Z	0	0	0	%100
211	M196	X	.847	.847	0	%100
212	M196	Z	0	0	0	%100
213	M197	X	.293	.293	0	%100
214	M197	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	X	.346	.346	0	%100
2	M1	Z	.2	.2	0	%100
3	MP3A	X	.417	.417	0	%100
4	MP3A	Z	.241	.241	0	%100
5	MP2A	X	.491	.491	0	%100
6	MP2A	Z	.284	.284	0	%100
7	M10	X	.346	.346	0	%100
8	M10	Z	.2	.2	0	%100
9	M19	X	1.385	1.385	0	%100
10	M19	Z	.8	.8	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
11	M28	X	.332	.332	0 %100
12	M28	Z	.192	.192	0 %100
13	M31	X	.332	.332	0 %100
14	M31	Z	.192	.192	0 %100
15	M34	X	1.328	1.328	0 %100
16	M34	Z	.767	.767	0 %100
17	M40	X	.019	.019	0 %100
18	M40	Z	.011	.011	0 %100
19	M46	X	.019	.019	0 %100
20	M46	Z	.011	.011	0 %100
21	M52	X	.078	.078	0 %100
22	M52	Z	.045	.045	0 %100
23	M55	X	.297	.297	0 %100
24	M55	Z	.171	.171	0 %100
25	M56	X	.842	.842	0 %100
26	M56	Z	.486	.486	0 %100
27	M57	X	.69	.69	0 %100
28	M57	Z	.398	.398	0 %100
29	M58	X	.69	.69	0 %100
30	M58	Z	.398	.398	0 %100
31	M59	X	.103	.103	0 %100
32	M59	Z	.059	.059	0 %100
33	M60	X	.103	.103	0 %100
34	M60	Z	.059	.059	0 %100
35	M61	X	.103	.103	0 %100
36	M61	Z	.059	.059	0 %100
37	M62	X	.103	.103	0 %100
38	M62	Z	.059	.059	0 %100
39	M63	X	.103	.103	0 %100
40	M63	Z	.059	.059	0 %100
41	M64	X	.103	.103	0 %100
42	M64	Z	.059	.059	0 %100
43	M65	X	.103	.103	0 %100
44	M65	Z	.059	.059	0 %100
45	M66	X	.268	.268	0 %100
46	M66	Z	.155	.155	0 %100
47	M75	X	.259	.259	0 %100
48	M75	Z	.149	.149	0 %100
49	M76	X	.259	.259	0 %100
50	M76	Z	.149	.149	0 %100
51	M77	X	1.035	1.035	0 %100
52	M77	Z	.597	.597	0 %100
53	M78	X	.346	.346	0 %100
54	M78	Z	.2	.2	0 %100
55	M79	X	.346	.346	0 %100
56	M79	Z	.2	.2	0 %100
57	M80	X	1.385	1.385	0 %100
58	M80	Z	.8	.8	0 %100
59	MP4A	X	.491	.491	0 %100
60	MP4A	Z	.284	.284	0 %100
61	M52A	X	.439	.439	0 %100
62	M52A	Z	.254	.254	0 %100
63	M56A	X	.021	.021	0 %100
64	M56A	Z	.012	.012	0 %100
65	M67	X	.322	.322	0 %100
66	M67	Z	.186	.186	0 %100
67	M68	X	.081	.081	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
68	M68	Z	.046	.046	0 %100
69	MP5B	X	.491	.491	0 %100
70	MP5B	Z	.284	.284	0 %100
71	MP1C	X	.491	.491	0 %100
72	MP1C	Z	.284	.284	0 %100
73	M74A	X	.322	.322	0 %100
74	M74A	Z	.186	.186	0 %100
75	M75A	X	.081	.081	0 %100
76	M75A	Z	.046	.046	0 %100
77	MP5A	X	.491	.491	0 %100
78	MP5A	Z	.284	.284	0 %100
79	MP1B	X	.491	.491	0 %100
80	MP1B	Z	.284	.284	0 %100
81	M81	X	0	0	0 %100
82	M81	Z	0	0	0 %100
83	M82	X	.322	.322	0 %100
84	M82	Z	.186	.186	0 %100
85	MP5C	X	.491	.491	0 %100
86	MP5C	Z	.284	.284	0 %100
87	MP1A	X	.491	.491	0 %100
88	MP1A	Z	.284	.284	0 %100
89	M90	X	.259	.259	0 %100
90	M90	Z	.149	.149	0 %100
91	M91	X	.259	.259	0 %100
92	M91	Z	.149	.149	0 %100
93	M92	X	1.035	1.035	0 %100
94	M92	Z	.597	.597	0 %100
95	MP2C	X	.491	.491	0 %100
96	MP2C	Z	.284	.284	0 %100
97	MP4C	X	.491	.491	0 %100
98	MP4C	Z	.284	.284	0 %100
99	MP2B	X	.491	.491	0 %100
100	MP2B	Z	.284	.284	0 %100
101	MP4B	X	.491	.491	0 %100
102	MP4B	Z	.284	.284	0 %100
103	M111	X	.019	.019	0 %100
104	M111	Z	.011	.011	0 %100
105	M115	X	.322	.322	0 %100
106	M115	Z	.186	.186	0 %100
107	M116	X	.081	.081	0 %100
108	M116	Z	.046	.046	0 %100
109	M119	X	.019	.019	0 %100
110	M119	Z	.011	.011	0 %100
111	M123	X	.322	.322	0 %100
112	M123	Z	.186	.186	0 %100
113	M124	X	.081	.081	0 %100
114	M124	Z	.046	.046	0 %100
115	M127	X	.078	.078	0 %100
116	M127	Z	.045	.045	0 %100
117	M131	X	0	0	0 %100
118	M131	Z	0	0	0 %100
119	M132	X	.322	.322	0 %100
120	M132	Z	.186	.186	0 %100
121	M135	X	.621	.621	0 %100
122	M135	Z	.358	.358	0 %100
123	M136	X	.621	.621	0 %100
124	M136	Z	.358	.358	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
125	M137	X	.621	.621	0 %100
126	M137	Z	.358	.358	0 %100
127	M138	X	.621	.621	0 %100
128	M138	Z	.358	.358	0 %100
129	M139	X	.379	.379	0 %100
130	M139	Z	.219	.219	0 %100
131	M140	X	.379	.379	0 %100
132	M140	Z	.219	.219	0 %100
133	M141	X	.172	.172	0 %100
134	M141	Z	.1	.1	0 %100
135	M142	X	.621	.621	0 %100
136	M142	Z	.358	.358	0 %100
137	M143	X	.621	.621	0 %100
138	M143	Z	.358	.358	0 %100
139	M144	X	.621	.621	0 %100
140	M144	Z	.358	.358	0 %100
141	M145	X	.621	.621	0 %100
142	M145	Z	.358	.358	0 %100
143	M146	X	.379	.379	0 %100
144	M146	Z	.219	.219	0 %100
145	M147	X	.379	.379	0 %100
146	M147	Z	.219	.219	0 %100
147	M148	X	.172	.172	0 %100
148	M148	Z	.1	.1	0 %100
149	M149	X	.621	.621	0 %100
150	M149	Z	.358	.358	0 %100
151	M150	X	.621	.621	0 %100
152	M150	Z	.358	.358	0 %100
153	M151	X	.621	.621	0 %100
154	M151	Z	.358	.358	0 %100
155	M152	X	.621	.621	0 %100
156	M152	Z	.358	.358	0 %100
157	M153	X	.69	.69	0 %100
158	M153	Z	.398	.398	0 %100
159	M154	X	.69	.69	0 %100
160	M154	Z	.398	.398	0 %100
161	M155	X	.69	.69	0 %100
162	M155	Z	.398	.398	0 %100
163	M148A	X	.053	.053	0 %100
164	M148A	Z	.031	.031	0 %100
165	M149A	X	.053	.053	0 %100
166	M149A	Z	.031	.031	0 %100
167	M150A	X	.053	.053	0 %100
168	M150A	Z	.031	.031	0 %100
169	M151A	X	.053	.053	0 %100
170	M151A	Z	.031	.031	0 %100
171	MP3C	X	.417	.417	0 %100
172	MP3C	Z	.241	.241	0 %100
173	M157	X	.053	.053	0 %100
174	M157	Z	.031	.031	0 %100
175	M158	X	.053	.053	0 %100
176	M158	Z	.031	.031	0 %100
177	M159	X	.053	.053	0 %100
178	M159	Z	.031	.031	0 %100
179	M160	X	.053	.053	0 %100
180	M160	Z	.031	.031	0 %100
181	MP3B	X	.417	.417	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
182	MP3B	Z	.241	.241	0	%100
183	M166	X	0	0	0	%100
184	M166	Z	0	0	0	%100
185	M167	X	0	0	0	%100
186	M167	Z	0	0	0	%100
187	M168	X	0	0	0	%100
188	M168	Z	0	0	0	%100
189	M169	X	0	0	0	%100
190	M169	Z	0	0	0	%100
191	M174	X	.123	.123	0	%100
192	M174	Z	.071	.071	0	%100
193	M177	X	.123	.123	0	%100
194	M177	Z	.071	.071	0	%100
195	M180	X	.491	.491	0	%100
196	M180	Z	.284	.284	0	%100
197	M189	X	.096	.096	0	%100
198	M189	Z	.055	.055	0	%100
199	M190	X	.096	.096	0	%100
200	M190	Z	.055	.055	0	%100
201	M191	X	.383	.383	0	%100
202	M191	Z	.221	.221	0	%100
203	M192	X	.782	.782	0	%100
204	M192	Z	.452	.452	0	%100
205	M193	X	.319	.319	0	%100
206	M193	Z	.184	.184	0	%100
207	M194	X	.301	.301	0	%100
208	M194	Z	.174	.174	0	%100
209	M195	X	.783	.783	0	%100
210	M195	Z	.452	.452	0	%100
211	M196	X	.469	.469	0	%100
212	M196	Z	.271	.271	0	%100
213	M197	X	.454	.454	0	%100
214	M197	Z	.262	.262	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	.6	.6	0	%100
2	M1	Z	1.039	1.039	0	%100
3	MP3A	X	.241	.241	0	%100
4	MP3A	Z	.417	.417	0	%100
5	MP2A	X	.284	.284	0	%100
6	MP2A	Z	.491	.491	0	%100
7	M10	X	0	0	0	%100
8	M10	Z	0	0	0	%100
9	M19	X	.6	.6	0	%100
10	M19	Z	1.039	1.039	0	%100
11	M28	X	.575	.575	0	%100
12	M28	Z	.996	.996	0	%100
13	M31	X	0	0	0	%100
14	M31	Z	0	0	0	%100
15	M34	X	.575	.575	0	%100
16	M34	Z	.996	.996	0	%100
17	M40	X	.034	.034	0	%100
18	M40	Z	.058	.058	0	%100
19	M46	X	0	0	0	%100
20	M46	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
21	M52	X	.034	.034	0 %100
22	M52	Z	.058	.058	0 %100
23	M55	X	.514	.514	0 %100
24	M55	Z	.89	.89	0 %100
25	M56	X	.162	.162	0 %100
26	M56	Z	.281	.281	0 %100
27	M57	X	.398	.398	0 %100
28	M57	Z	.69	.69	0 %100
29	M58	X	.398	.398	0 %100
30	M58	Z	.69	.69	0 %100
31	M59	X	.02	.02	0 %100
32	M59	Z	.034	.034	0 %100
33	M60	X	.02	.02	0 %100
34	M60	Z	.034	.034	0 %100
35	M61	X	.02	.02	0 %100
36	M61	Z	.034	.034	0 %100
37	M62	X	.02	.02	0 %100
38	M62	Z	.034	.034	0 %100
39	M63	X	.02	.02	0 %100
40	M63	Z	.034	.034	0 %100
41	M64	X	.02	.02	0 %100
42	M64	Z	.034	.034	0 %100
43	M65	X	.02	.02	0 %100
44	M65	Z	.034	.034	0 %100
45	M66	X	.027	.027	0 %100
46	M66	Z	.046	.046	0 %100
47	M75	X	.448	.448	0 %100
48	M75	Z	.776	.776	0 %100
49	M76	X	0	0	0 %100
50	M76	Z	0	0	0 %100
51	M77	X	.448	.448	0 %100
52	M77	Z	.776	.776	0 %100
53	M78	X	.6	.6	0 %100
54	M78	Z	1.039	1.039	0 %100
55	M79	X	0	0	0 %100
56	M79	Z	0	0	0 %100
57	M80	X	.6	.6	0 %100
58	M80	Z	1.039	1.039	0 %100
59	MP4A	X	.284	.284	0 %100
60	MP4A	Z	.491	.491	0 %100
61	M52A	X	.268	.268	0 %100
62	M52A	Z	.465	.465	0 %100
63	M56A	X	.126	.126	0 %100
64	M56A	Z	.217	.217	0 %100
65	M67	X	.062	.062	0 %100
66	M67	Z	.107	.107	0 %100
67	M68	X	.139	.139	0 %100
68	M68	Z	.242	.242	0 %100
69	MP5B	X	.284	.284	0 %100
70	MP5B	Z	.491	.491	0 %100
71	MP1C	X	.284	.284	0 %100
72	MP1C	Z	.491	.491	0 %100
73	M74A	X	.248	.248	0 %100
74	M74A	Z	.429	.429	0 %100
75	M75A	X	0	0	0 %100
76	M75A	Z	0	0	0 %100
77	MP5A	X	.284	.284	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
78	MP5A	Z	.491	.491	0	%100
79	MP1B	X	.284	.284	0	%100
80	MP1B	Z	.491	.491	0	%100
81	M81	X	.062	.062	0	%100
82	M81	Z	.107	.107	0	%100
83	M82	X	.139	.139	0	%100
84	M82	Z	.242	.242	0	%100
85	MP5C	X	.284	.284	0	%100
86	MP5C	Z	.491	.491	0	%100
87	MP1A	X	.284	.284	0	%100
88	MP1A	Z	.491	.491	0	%100
89	M90	X	.448	.448	0	%100
90	M90	Z	.776	.776	0	%100
91	M91	X	0	0	0	%100
92	M91	Z	0	0	0	%100
93	M92	X	.448	.448	0	%100
94	M92	Z	.776	.776	0	%100
95	MP2C	X	.284	.284	0	%100
96	MP2C	Z	.491	.491	0	%100
97	MP4C	X	.284	.284	0	%100
98	MP4C	Z	.491	.491	0	%100
99	MP2B	X	.284	.284	0	%100
100	MP2B	Z	.491	.491	0	%100
101	MP4B	X	.284	.284	0	%100
102	MP4B	Z	.491	.491	0	%100
103	M111	X	.034	.034	0	%100
104	M111	Z	.058	.058	0	%100
105	M115	X	.062	.062	0	%100
106	M115	Z	.107	.107	0	%100
107	M116	X	.139	.139	0	%100
108	M116	Z	.242	.242	0	%100
109	M119	X	0	0	0	%100
110	M119	Z	0	0	0	%100
111	M123	X	.248	.248	0	%100
112	M123	Z	.429	.429	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M127	X	.034	.034	0	%100
116	M127	Z	.058	.058	0	%100
117	M131	X	.062	.062	0	%100
118	M131	Z	.107	.107	0	%100
119	M132	X	.139	.139	0	%100
120	M132	Z	.242	.242	0	%100
121	M135	X	.358	.358	0	%100
122	M135	Z	.621	.621	0	%100
123	M136	X	.358	.358	0	%100
124	M136	Z	.621	.621	0	%100
125	M137	X	.358	.358	0	%100
126	M137	Z	.621	.621	0	%100
127	M138	X	.358	.358	0	%100
128	M138	Z	.621	.621	0	%100
129	M139	X	.338	.338	0	%100
130	M139	Z	.586	.586	0	%100
131	M140	X	.338	.338	0	%100
132	M140	Z	.586	.586	0	%100
133	M141	X	.299	.299	0	%100
134	M141	Z	.517	.517	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
135	M142	X	.358	.358	0 %100
136	M142	Z	.621	.621	0 %100
137	M143	X	.358	.358	0 %100
138	M143	Z	.621	.621	0 %100
139	M144	X	.358	.358	0 %100
140	M144	Z	.621	.621	0 %100
141	M145	X	.358	.358	0 %100
142	M145	Z	.621	.621	0 %100
143	M146	X	.159	.159	0 %100
144	M146	Z	.275	.275	0 %100
145	M147	X	.159	.159	0 %100
146	M147	Z	.275	.275	0 %100
147	M148	X	0	0	0 %100
148	M148	Z	0	0	0 %100
149	M149	X	.358	.358	0 %100
150	M149	Z	.621	.621	0 %100
151	M150	X	.358	.358	0 %100
152	M150	Z	.621	.621	0 %100
153	M151	X	.358	.358	0 %100
154	M151	Z	.621	.621	0 %100
155	M152	X	.358	.358	0 %100
156	M152	Z	.621	.621	0 %100
157	M153	X	.338	.338	0 %100
158	M153	Z	.586	.586	0 %100
159	M154	X	.338	.338	0 %100
160	M154	Z	.586	.586	0 %100
161	M155	X	.299	.299	0 %100
162	M155	Z	.517	.517	0 %100
163	M148A	X	.01	.01	0 %100
164	M148A	Z	.018	.018	0 %100
165	M149A	X	.01	.01	0 %100
166	M149A	Z	.018	.018	0 %100
167	M150A	X	.01	.01	0 %100
168	M150A	Z	.018	.018	0 %100
169	M151A	X	.01	.01	0 %100
170	M151A	Z	.018	.018	0 %100
171	MP3C	X	.241	.241	0 %100
172	MP3C	Z	.417	.417	0 %100
173	M157	X	.041	.041	0 %100
174	M157	Z	.071	.071	0 %100
175	M158	X	.041	.041	0 %100
176	M158	Z	.071	.071	0 %100
177	M159	X	.041	.041	0 %100
178	M159	Z	.071	.071	0 %100
179	M160	X	.041	.041	0 %100
180	M160	Z	.071	.071	0 %100
181	MP3B	X	.241	.241	0 %100
182	MP3B	Z	.417	.417	0 %100
183	M166	X	.01	.01	0 %100
184	M166	Z	.018	.018	0 %100
185	M167	X	.01	.01	0 %100
186	M167	Z	.018	.018	0 %100
187	M168	X	.01	.01	0 %100
188	M168	Z	.018	.018	0 %100
189	M169	X	.01	.01	0 %100
190	M169	Z	.018	.018	0 %100
191	M174	X	.213	.213	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
192	M174	Z	.369	.369	0	%100
193	M177	X	0	0	0	%100
194	M177	Z	0	0	0	%100
195	M180	X	.213	.213	0	%100
196	M180	Z	.369	.369	0	%100
197	M189	X	.166	.166	0	%100
198	M189	Z	.287	.287	0	%100
199	M190	X	0	0	0	%100
200	M190	Z	0	0	0	%100
201	M191	X	.166	.166	0	%100
202	M191	Z	.287	.287	0	%100
203	M192	X	.424	.424	0	%100
204	M192	Z	.734	.734	0	%100
205	M193	X	.147	.147	0	%100
206	M193	Z	.254	.254	0	%100
207	M194	X	.327	.327	0	%100
208	M194	Z	.566	.566	0	%100
209	M195	X	.337	.337	0	%100
210	M195	Z	.583	.583	0	%100
211	M196	X	.146	.146	0	%100
212	M196	Z	.253	.253	0	%100
213	M197	X	.415	.415	0	%100
214	M197	Z	.718	.718	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	0	0	0	%100
2	M1	Z	1.6	1.6	0	%100
3	MP3A	X	0	0	0	%100
4	MP3A	Z	.482	.482	0	%100
5	MP2A	X	0	0	0	%100
6	MP2A	Z	.567	.567	0	%100
7	M10	X	0	0	0	%100
8	M10	Z	.4	.4	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	.4	.4	0	%100
11	M28	X	0	0	0	%100
12	M28	Z	1.533	1.533	0	%100
13	M31	X	0	0	0	%100
14	M31	Z	.383	.383	0	%100
15	M34	X	0	0	0	%100
16	M34	Z	.383	.383	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	.09	.09	0	%100
19	M46	X	0	0	0	%100
20	M46	Z	.022	.022	0	%100
21	M52	X	0	0	0	%100
22	M52	Z	.022	.022	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	1.37	1.37	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	0	0	0	%100
27	M57	X	0	0	0	%100
28	M57	Z	.796	.796	0	%100
29	M58	X	0	0	0	%100
30	M58	Z	.796	.796	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
31	M59	X	0	0	0	%100
32	M59	Z	0	0	0	%100
33	M60	X	0	0	0	%100
34	M60	Z	0	0	0	%100
35	M61	X	0	0	0	%100
36	M61	Z	0	0	0	%100
37	M62	X	0	0	0	%100
38	M62	Z	0	0	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M65	X	0	0	0	%100
44	M65	Z	0	0	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	.024	.024	0	%100
47	M75	X	0	0	0	%100
48	M75	Z	1.195	1.195	0	%100
49	M76	X	0	0	0	%100
50	M76	Z	.299	.299	0	%100
51	M77	X	0	0	0	%100
52	M77	Z	.299	.299	0	%100
53	M78	X	0	0	0	%100
54	M78	Z	1.6	1.6	0	%100
55	M79	X	0	0	0	%100
56	M79	Z	.4	.4	0	%100
57	M80	X	0	0	0	%100
58	M80	Z	.4	.4	0	%100
59	MP4A	X	0	0	0	%100
60	MP4A	Z	.567	.567	0	%100
61	M52A	X	0	0	0	%100
62	M52A	Z	.31	.31	0	%100
63	M56A	X	0	0	0	%100
64	M56A	Z	.507	.507	0	%100
65	M67	X	0	0	0	%100
66	M67	Z	0	0	0	%100
67	M68	X	0	0	0	%100
68	M68	Z	.372	.372	0	%100
69	MP5B	X	0	0	0	%100
70	MP5B	Z	.567	.567	0	%100
71	MP1C	X	0	0	0	%100
72	MP1C	Z	.567	.567	0	%100
73	M74A	X	0	0	0	%100
74	M74A	Z	.372	.372	0	%100
75	M75A	X	0	0	0	%100
76	M75A	Z	.093	.093	0	%100
77	MP5A	X	0	0	0	%100
78	MP5A	Z	.567	.567	0	%100
79	MP1B	X	0	0	0	%100
80	MP1B	Z	.567	.567	0	%100
81	M81	X	0	0	0	%100
82	M81	Z	.372	.372	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	.093	.093	0	%100
85	MP5C	X	0	0	0	%100
86	MP5C	Z	.567	.567	0	%100
87	MP1A	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
88	MP1A	Z	.567	.567	0 %100
89	M90	X	0	0	0 %100
90	M90	Z	1.195	1.195	0 %100
91	M91	X	0	0	0 %100
92	M91	Z	.299	.299	0 %100
93	M92	X	0	0	0 %100
94	M92	Z	.299	.299	0 %100
95	MP2C	X	0	0	0 %100
96	MP2C	Z	.567	.567	0 %100
97	MP4C	X	0	0	0 %100
98	MP4C	Z	.567	.567	0 %100
99	MP2B	X	0	0	0 %100
100	MP2B	Z	.567	.567	0 %100
101	MP4B	X	0	0	0 %100
102	MP4B	Z	.567	.567	0 %100
103	M111	X	0	0	0 %100
104	M111	Z	.09	.09	0 %100
105	M115	X	0	0	0 %100
106	M115	Z	0	0	0 %100
107	M116	X	0	0	0 %100
108	M116	Z	.372	.372	0 %100
109	M119	X	0	0	0 %100
110	M119	Z	.022	.022	0 %100
111	M123	X	0	0	0 %100
112	M123	Z	.372	.372	0 %100
113	M124	X	0	0	0 %100
114	M124	Z	.093	.093	0 %100
115	M127	X	0	0	0 %100
116	M127	Z	.022	.022	0 %100
117	M131	X	0	0	0 %100
118	M131	Z	.372	.372	0 %100
119	M132	X	0	0	0 %100
120	M132	Z	.093	.093	0 %100
121	M135	X	0	0	0 %100
122	M135	Z	.717	.717	0 %100
123	M136	X	0	0	0 %100
124	M136	Z	.717	.717	0 %100
125	M137	X	0	0	0 %100
126	M137	Z	.717	.717	0 %100
127	M138	X	0	0	0 %100
128	M138	Z	.717	.717	0 %100
129	M139	X	0	0	0 %100
130	M139	Z	.796	.796	0 %100
131	M140	X	0	0	0 %100
132	M140	Z	.796	.796	0 %100
133	M141	X	0	0	0 %100
134	M141	Z	.796	.796	0 %100
135	M142	X	0	0	0 %100
136	M142	Z	.717	.717	0 %100
137	M143	X	0	0	0 %100
138	M143	Z	.717	.717	0 %100
139	M144	X	0	0	0 %100
140	M144	Z	.717	.717	0 %100
141	M145	X	0	0	0 %100
142	M145	Z	.717	.717	0 %100
143	M146	X	0	0	0 %100
144	M146	Z	.438	.438	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
145	M147	X	0	0	0	%100
146	M147	Z	.438	.438	0	%100
147	M148	X	0	0	0	%100
148	M148	Z	.199	.199	0	%100
149	M149	X	0	0	0	%100
150	M149	Z	.717	.717	0	%100
151	M150	X	0	0	0	%100
152	M150	Z	.717	.717	0	%100
153	M151	X	0	0	0	%100
154	M151	Z	.717	.717	0	%100
155	M152	X	0	0	0	%100
156	M152	Z	.717	.717	0	%100
157	M153	X	0	0	0	%100
158	M153	Z	.438	.438	0	%100
159	M154	X	0	0	0	%100
160	M154	Z	.438	.438	0	%100
161	M155	X	0	0	0	%100
162	M155	Z	.199	.199	0	%100
163	M148A	X	0	0	0	%100
164	M148A	Z	0	0	0	%100
165	M149A	X	0	0	0	%100
166	M149A	Z	0	0	0	%100
167	M150A	X	0	0	0	%100
168	M150A	Z	0	0	0	%100
169	M151A	X	0	0	0	%100
170	M151A	Z	0	0	0	%100
171	MP3C	X	0	0	0	%100
172	MP3C	Z	.482	.482	0	%100
173	M157	X	0	0	0	%100
174	M157	Z	.061	.061	0	%100
175	M158	X	0	0	0	%100
176	M158	Z	.061	.061	0	%100
177	M159	X	0	0	0	%100
178	M159	Z	.061	.061	0	%100
179	M160	X	0	0	0	%100
180	M160	Z	.061	.061	0	%100
181	MP3B	X	0	0	0	%100
182	MP3B	Z	.482	.482	0	%100
183	M166	X	0	0	0	%100
184	M166	Z	.061	.061	0	%100
185	M167	X	0	0	0	%100
186	M167	Z	.061	.061	0	%100
187	M168	X	0	0	0	%100
188	M168	Z	.061	.061	0	%100
189	M169	X	0	0	0	%100
190	M169	Z	.061	.061	0	%100
191	M174	X	0	0	0	%100
192	M174	Z	.567	.567	0	%100
193	M177	X	0	0	0	%100
194	M177	Z	.142	.142	0	%100
195	M180	X	0	0	0	%100
196	M180	Z	.142	.142	0	%100
197	M189	X	0	0	0	%100
198	M189	Z	.442	.442	0	%100
199	M190	X	0	0	0	%100
200	M190	Z	.11	.11	0	%100
201	M191	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
202	M191	Z	.11	.11	0	%100
203	M192	X	0	0	0	%100
204	M192	Z	.541	.541	0	%100
205	M193	X	0	0	0	%100
206	M193	Z	.524	.524	0	%100
207	M194	X	0	0	0	%100
208	M194	Z	.903	.903	0	%100
209	M195	X	0	0	0	%100
210	M195	Z	.368	.368	0	%100
211	M196	X	0	0	0	%100
212	M196	Z	.348	.348	0	%100
213	M197	X	0	0	0	%100
214	M197	Z	.904	.904	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	X	-.6	-.6	0	%100
2	M1	Z	1.039	1.039	0	%100
3	MP3A	X	-.241	-.241	0	%100
4	MP3A	Z	.417	.417	0	%100
5	MP2A	X	-.284	-.284	0	%100
6	MP2A	Z	.491	.491	0	%100
7	M10	X	-.6	-.6	0	%100
8	M10	Z	1.039	1.039	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	0	0	0	%100
11	M28	X	-.575	-.575	0	%100
12	M28	Z	.996	.996	0	%100
13	M31	X	-.575	-.575	0	%100
14	M31	Z	.996	.996	0	%100
15	M34	X	0	0	0	%100
16	M34	Z	0	0	0	%100
17	M40	X	-.034	-.034	0	%100
18	M40	Z	.058	.058	0	%100
19	M46	X	-.034	-.034	0	%100
20	M46	Z	.058	.058	0	%100
21	M52	X	0	0	0	%100
22	M52	Z	0	0	0	%100
23	M55	X	-.514	-.514	0	%100
24	M55	Z	.89	.89	0	%100
25	M56	X	-.162	-.162	0	%100
26	M56	Z	.281	.281	0	%100
27	M57	X	-.398	-.398	0	%100
28	M57	Z	.69	.69	0	%100
29	M58	X	-.398	-.398	0	%100
30	M58	Z	.69	.69	0	%100
31	M59	X	-.02	-.02	0	%100
32	M59	Z	.034	.034	0	%100
33	M60	X	-.02	-.02	0	%100
34	M60	Z	.034	.034	0	%100
35	M61	X	-.02	-.02	0	%100
36	M61	Z	.034	.034	0	%100
37	M62	X	-.02	-.02	0	%100
38	M62	Z	.034	.034	0	%100
39	M63	X	-.02	-.02	0	%100
40	M63	Z	.034	.034	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
41	M64	X	-.02	-.02	0 %100
42	M64	Z	.034	.034	0 %100
43	M65	X	-.02	-.02	0 %100
44	M65	Z	.034	.034	0 %100
45	M66	X	-.126	-.126	0 %100
46	M66	Z	.217	.217	0 %100
47	M75	X	-.448	-.448	0 %100
48	M75	Z	.776	.776	0 %100
49	M76	X	-.448	-.448	0 %100
50	M76	Z	.776	.776	0 %100
51	M77	X	0	0	0 %100
52	M77	Z	0	0	0 %100
53	M78	X	-.6	-.6	0 %100
54	M78	Z	1.039	1.039	0 %100
55	M79	X	-.6	-.6	0 %100
56	M79	Z	1.039	1.039	0 %100
57	M80	X	0	0	0 %100
58	M80	Z	0	0	0 %100
59	MP4A	X	-.284	-.284	0 %100
60	MP4A	Z	.491	.491	0 %100
61	M52A	X	-.027	-.027	0 %100
62	M52A	Z	.046	.046	0 %100
63	M56A	X	-.268	-.268	0 %100
64	M56A	Z	.465	.465	0 %100
65	M67	X	-.062	-.062	0 %100
66	M67	Z	.107	.107	0 %100
67	M68	X	-.139	-.139	0 %100
68	M68	Z	.242	.242	0 %100
69	MP5B	X	-.284	-.284	0 %100
70	MP5B	Z	.491	.491	0 %100
71	MP1C	X	-.284	-.284	0 %100
72	MP1C	Z	.491	.491	0 %100
73	M74A	X	-.062	-.062	0 %100
74	M74A	Z	.107	.107	0 %100
75	M75A	X	-.139	-.139	0 %100
76	M75A	Z	.242	.242	0 %100
77	MP5A	X	-.284	-.284	0 %100
78	MP5A	Z	.491	.491	0 %100
79	MP1B	X	-.284	-.284	0 %100
80	MP1B	Z	.491	.491	0 %100
81	M81	X	-.248	-.248	0 %100
82	M81	Z	.429	.429	0 %100
83	M82	X	0	0	0 %100
84	M82	Z	0	0	0 %100
85	MP5C	X	-.284	-.284	0 %100
86	MP5C	Z	.491	.491	0 %100
87	MP1A	X	-.284	-.284	0 %100
88	MP1A	Z	.491	.491	0 %100
89	M90	X	-.448	-.448	0 %100
90	M90	Z	.776	.776	0 %100
91	M91	X	-.448	-.448	0 %100
92	M91	Z	.776	.776	0 %100
93	M92	X	0	0	0 %100
94	M92	Z	0	0	0 %100
95	MP2C	X	-.284	-.284	0 %100
96	MP2C	Z	.491	.491	0 %100
97	MP4C	X	-.284	-.284	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
98	MP4C	Z	.491	.491	0 %100
99	MP2B	X	-.284	-.284	0 %100
100	MP2B	Z	.491	.491	0 %100
101	MP4B	X	-.284	-.284	0 %100
102	MP4B	Z	.491	.491	0 %100
103	M111	X	-.034	-.034	0 %100
104	M111	Z	.058	.058	0 %100
105	M115	X	-.062	-.062	0 %100
106	M115	Z	.107	.107	0 %100
107	M116	X	-.139	-.139	0 %100
108	M116	Z	.242	.242	0 %100
109	M119	X	-.034	-.034	0 %100
110	M119	Z	.058	.058	0 %100
111	M123	X	-.062	-.062	0 %100
112	M123	Z	.107	.107	0 %100
113	M124	X	-.139	-.139	0 %100
114	M124	Z	.242	.242	0 %100
115	M127	X	0	0	0 %100
116	M127	Z	0	0	0 %100
117	M131	X	-.248	-.248	0 %100
118	M131	Z	.429	.429	0 %100
119	M132	X	0	0	0 %100
120	M132	Z	0	0	0 %100
121	M135	X	-.358	-.358	0 %100
122	M135	Z	.621	.621	0 %100
123	M136	X	-.358	-.358	0 %100
124	M136	Z	.621	.621	0 %100
125	M137	X	-.358	-.358	0 %100
126	M137	Z	.621	.621	0 %100
127	M138	X	-.358	-.358	0 %100
128	M138	Z	.621	.621	0 %100
129	M139	X	-.338	-.338	0 %100
130	M139	Z	.586	.586	0 %100
131	M140	X	-.338	-.338	0 %100
132	M140	Z	.586	.586	0 %100
133	M141	X	-.299	-.299	0 %100
134	M141	Z	.517	.517	0 %100
135	M142	X	-.358	-.358	0 %100
136	M142	Z	.621	.621	0 %100
137	M143	X	-.358	-.358	0 %100
138	M143	Z	.621	.621	0 %100
139	M144	X	-.358	-.358	0 %100
140	M144	Z	.621	.621	0 %100
141	M145	X	-.358	-.358	0 %100
142	M145	Z	.621	.621	0 %100
143	M146	X	-.338	-.338	0 %100
144	M146	Z	.586	.586	0 %100
145	M147	X	-.338	-.338	0 %100
146	M147	Z	.586	.586	0 %100
147	M148	X	-.299	-.299	0 %100
148	M148	Z	.517	.517	0 %100
149	M149	X	-.358	-.358	0 %100
150	M149	Z	.621	.621	0 %100
151	M150	X	-.358	-.358	0 %100
152	M150	Z	.621	.621	0 %100
153	M151	X	-.358	-.358	0 %100
154	M151	Z	.621	.621	0 %100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
155	M152	X	-.358	-.358	0 %100
156	M152	Z	.621	.621	0 %100
157	M153	X	-.159	-.159	0 %100
158	M153	Z	.275	.275	0 %100
159	M154	X	-.159	-.159	0 %100
160	M154	Z	.275	.275	0 %100
161	M155	X	0	0	0 %100
162	M155	Z	0	0	0 %100
163	M148A	X	-.01	-.01	0 %100
164	M148A	Z	.018	.018	0 %100
165	M149A	X	-.01	-.01	0 %100
166	M149A	Z	.018	.018	0 %100
167	M150A	X	-.01	-.01	0 %100
168	M150A	Z	.018	.018	0 %100
169	M151A	X	-.01	-.01	0 %100
170	M151A	Z	.018	.018	0 %100
171	MP3C	X	-.241	-.241	0 %100
172	MP3C	Z	.417	.417	0 %100
173	M157	X	-.01	-.01	0 %100
174	M157	Z	.018	.018	0 %100
175	M158	X	-.01	-.01	0 %100
176	M158	Z	.018	.018	0 %100
177	M159	X	-.01	-.01	0 %100
178	M159	Z	.018	.018	0 %100
179	M160	X	-.01	-.01	0 %100
180	M160	Z	.018	.018	0 %100
181	MP3B	X	-.241	-.241	0 %100
182	MP3B	Z	.417	.417	0 %100
183	M166	X	-.041	-.041	0 %100
184	M166	Z	.071	.071	0 %100
185	M167	X	-.041	-.041	0 %100
186	M167	Z	.071	.071	0 %100
187	M168	X	-.041	-.041	0 %100
188	M168	Z	.071	.071	0 %100
189	M169	X	-.041	-.041	0 %100
190	M169	Z	.071	.071	0 %100
191	M174	X	-.213	-.213	0 %100
192	M174	Z	.369	.369	0 %100
193	M177	X	-.213	-.213	0 %100
194	M177	Z	.369	.369	0 %100
195	M180	X	0	0	0 %100
196	M180	Z	0	0	0 %100
197	M189	X	-.166	-.166	0 %100
198	M189	Z	.287	.287	0 %100
199	M190	X	-.166	-.166	0 %100
200	M190	Z	.287	.287	0 %100
201	M191	X	0	0	0 %100
202	M191	Z	0	0	0 %100
203	M192	X	-.146	-.146	0 %100
204	M192	Z	.253	.253	0 %100
205	M193	X	-.415	-.415	0 %100
206	M193	Z	.718	.718	0 %100
207	M194	X	-.424	-.424	0 %100
208	M194	Z	.734	.734	0 %100
209	M195	X	-.147	-.147	0 %100
210	M195	Z	.254	.254	0 %100
211	M196	X	-.327	-.327	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
212	M196	Z	.566	.566	0	%100
213	M197	X	-.337	-.337	0	%100
214	M197	Z	.583	.583	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	-.346	-.346	0	%100
2	M1	Z	.2	.2	0	%100
3	MP3A	X	-.417	-.417	0	%100
4	MP3A	Z	.241	.241	0	%100
5	MP2A	X	-.491	-.491	0	%100
6	MP2A	Z	.284	.284	0	%100
7	M10	X	-1.385	-1.385	0	%100
8	M10	Z	.8	.8	0	%100
9	M19	X	-.346	-.346	0	%100
10	M19	Z	.2	.2	0	%100
11	M28	X	-.332	-.332	0	%100
12	M28	Z	.192	.192	0	%100
13	M31	X	-1.328	-1.328	0	%100
14	M31	Z	.767	.767	0	%100
15	M34	X	-.332	-.332	0	%100
16	M34	Z	.192	.192	0	%100
17	M40	X	-.019	-.019	0	%100
18	M40	Z	.011	.011	0	%100
19	M46	X	-.078	-.078	0	%100
20	M46	Z	.045	.045	0	%100
21	M52	X	-.019	-.019	0	%100
22	M52	Z	.011	.011	0	%100
23	M55	X	-.297	-.297	0	%100
24	M55	Z	.171	.171	0	%100
25	M56	X	-.842	-.842	0	%100
26	M56	Z	.486	.486	0	%100
27	M57	X	-.69	-.69	0	%100
28	M57	Z	.398	.398	0	%100
29	M58	X	-.69	-.69	0	%100
30	M58	Z	.398	.398	0	%100
31	M59	X	-.103	-.103	0	%100
32	M59	Z	.059	.059	0	%100
33	M60	X	-.103	-.103	0	%100
34	M60	Z	.059	.059	0	%100
35	M61	X	-.103	-.103	0	%100
36	M61	Z	.059	.059	0	%100
37	M62	X	-.103	-.103	0	%100
38	M62	Z	.059	.059	0	%100
39	M63	X	-.103	-.103	0	%100
40	M63	Z	.059	.059	0	%100
41	M64	X	-.103	-.103	0	%100
42	M64	Z	.059	.059	0	%100
43	M65	X	-.103	-.103	0	%100
44	M65	Z	.059	.059	0	%100
45	M66	X	-.439	-.439	0	%100
46	M66	Z	.254	.254	0	%100
47	M75	X	-.259	-.259	0	%100
48	M75	Z	.149	.149	0	%100
49	M76	X	-1.035	-1.035	0	%100
50	M76	Z	.597	.597	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
51	M77	X	-.259	-.259	0 %100
52	M77	Z	.149	.149	0 %100
53	M78	X	-.346	-.346	0 %100
54	M78	Z	.2	.2	0 %100
55	M79	X	-1.385	-1.385	0 %100
56	M79	Z	.8	.8	0 %100
57	M80	X	-.346	-.346	0 %100
58	M80	Z	.2	.2	0 %100
59	MP4A	X	-.491	-.491	0 %100
60	MP4A	Z	.284	.284	0 %100
61	M52A	X	-.021	-.021	0 %100
62	M52A	Z	.012	.012	0 %100
63	M56A	X	-.268	-.268	0 %100
64	M56A	Z	.155	.155	0 %100
65	M67	X	-.322	-.322	0 %100
66	M67	Z	.186	.186	0 %100
67	M68	X	-.081	-.081	0 %100
68	M68	Z	.046	.046	0 %100
69	MP5B	X	-.491	-.491	0 %100
70	MP5B	Z	.284	.284	0 %100
71	MP1C	X	-.491	-.491	0 %100
72	MP1C	Z	.284	.284	0 %100
73	M74A	X	0	0	0 %100
74	M74A	Z	0	0	0 %100
75	M75A	X	-.322	-.322	0 %100
76	M75A	Z	.186	.186	0 %100
77	MP5A	X	-.491	-.491	0 %100
78	MP5A	Z	.284	.284	0 %100
79	MP1B	X	-.491	-.491	0 %100
80	MP1B	Z	.284	.284	0 %100
81	M81	X	-.322	-.322	0 %100
82	M81	Z	.186	.186	0 %100
83	M82	X	-.081	-.081	0 %100
84	M82	Z	.046	.046	0 %100
85	MP5C	X	-.491	-.491	0 %100
86	MP5C	Z	.284	.284	0 %100
87	MP1A	X	-.491	-.491	0 %100
88	MP1A	Z	.284	.284	0 %100
89	M90	X	-.259	-.259	0 %100
90	M90	Z	.149	.149	0 %100
91	M91	X	-1.035	-1.035	0 %100
92	M91	Z	.597	.597	0 %100
93	M92	X	-.259	-.259	0 %100
94	M92	Z	.149	.149	0 %100
95	MP2C	X	-.491	-.491	0 %100
96	MP2C	Z	.284	.284	0 %100
97	MP4C	X	-.491	-.491	0 %100
98	MP4C	Z	.284	.284	0 %100
99	MP2B	X	-.491	-.491	0 %100
100	MP2B	Z	.284	.284	0 %100
101	MP4B	X	-.491	-.491	0 %100
102	MP4B	Z	.284	.284	0 %100
103	M111	X	-.019	-.019	0 %100
104	M111	Z	.011	.011	0 %100
105	M115	X	-.322	-.322	0 %100
106	M115	Z	.186	.186	0 %100
107	M116	X	-.081	-.081	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
108	M116	Z	.046	.046	0 %100
109	M119	X	-.078	-.078	0 %100
110	M119	Z	.045	.045	0 %100
111	M123	X	0	0	0 %100
112	M123	Z	0	0	0 %100
113	M124	X	-.322	-.322	0 %100
114	M124	Z	.186	.186	0 %100
115	M127	X	-.019	-.019	0 %100
116	M127	Z	.011	.011	0 %100
117	M131	X	-.322	-.322	0 %100
118	M131	Z	.186	.186	0 %100
119	M132	X	-.081	-.081	0 %100
120	M132	Z	.046	.046	0 %100
121	M135	X	-.621	-.621	0 %100
122	M135	Z	.358	.358	0 %100
123	M136	X	-.621	-.621	0 %100
124	M136	Z	.358	.358	0 %100
125	M137	X	-.621	-.621	0 %100
126	M137	Z	.358	.358	0 %100
127	M138	X	-.621	-.621	0 %100
128	M138	Z	.358	.358	0 %100
129	M139	X	-.379	-.379	0 %100
130	M139	Z	.219	.219	0 %100
131	M140	X	-.379	-.379	0 %100
132	M140	Z	.219	.219	0 %100
133	M141	X	-.172	-.172	0 %100
134	M141	Z	.1	.1	0 %100
135	M142	X	-.621	-.621	0 %100
136	M142	Z	.358	.358	0 %100
137	M143	X	-.621	-.621	0 %100
138	M143	Z	.358	.358	0 %100
139	M144	X	-.621	-.621	0 %100
140	M144	Z	.358	.358	0 %100
141	M145	X	-.621	-.621	0 %100
142	M145	Z	.358	.358	0 %100
143	M146	X	-.69	-.69	0 %100
144	M146	Z	.398	.398	0 %100
145	M147	X	-.69	-.69	0 %100
146	M147	Z	.398	.398	0 %100
147	M148	X	-.69	-.69	0 %100
148	M148	Z	.398	.398	0 %100
149	M149	X	-.621	-.621	0 %100
150	M149	Z	.358	.358	0 %100
151	M150	X	-.621	-.621	0 %100
152	M150	Z	.358	.358	0 %100
153	M151	X	-.621	-.621	0 %100
154	M151	Z	.358	.358	0 %100
155	M152	X	-.621	-.621	0 %100
156	M152	Z	.358	.358	0 %100
157	M153	X	-.379	-.379	0 %100
158	M153	Z	.219	.219	0 %100
159	M154	X	-.379	-.379	0 %100
160	M154	Z	.219	.219	0 %100
161	M155	X	-.172	-.172	0 %100
162	M155	Z	.1	.1	0 %100
163	M148A	X	-.053	-.053	0 %100
164	M148A	Z	.031	.031	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
165	M149A	X	-.053	-.053	0 %100
166	M149A	Z	.031	.031	0 %100
167	M150A	X	-.053	-.053	0 %100
168	M150A	Z	.031	.031	0 %100
169	M151A	X	-.053	-.053	0 %100
170	M151A	Z	.031	.031	0 %100
171	MP3C	X	-.417	-.417	0 %100
172	MP3C	Z	.241	.241	0 %100
173	M157	X	0	0	0 %100
174	M157	Z	0	0	0 %100
175	M158	X	0	0	0 %100
176	M158	Z	0	0	0 %100
177	M159	X	0	0	0 %100
178	M159	Z	0	0	0 %100
179	M160	X	0	0	0 %100
180	M160	Z	0	0	0 %100
181	MP3B	X	-.417	-.417	0 %100
182	MP3B	Z	.241	.241	0 %100
183	M166	X	-.053	-.053	0 %100
184	M166	Z	.031	.031	0 %100
185	M167	X	-.053	-.053	0 %100
186	M167	Z	.031	.031	0 %100
187	M168	X	-.053	-.053	0 %100
188	M168	Z	.031	.031	0 %100
189	M169	X	-.053	-.053	0 %100
190	M169	Z	.031	.031	0 %100
191	M174	X	-.123	-.123	0 %100
192	M174	Z	.071	.071	0 %100
193	M177	X	-.491	-.491	0 %100
194	M177	Z	.284	.284	0 %100
195	M180	X	-.123	-.123	0 %100
196	M180	Z	.071	.071	0 %100
197	M189	X	-.096	-.096	0 %100
198	M189	Z	.055	.055	0 %100
199	M190	X	-.383	-.383	0 %100
200	M190	Z	.221	.221	0 %100
201	M191	X	-.096	-.096	0 %100
202	M191	Z	.055	.055	0 %100
203	M192	X	-.301	-.301	0 %100
204	M192	Z	.174	.174	0 %100
205	M193	X	-.783	-.783	0 %100
206	M193	Z	.452	.452	0 %100
207	M194	X	-.469	-.469	0 %100
208	M194	Z	.271	.271	0 %100
209	M195	X	-.454	-.454	0 %100
210	M195	Z	.262	.262	0 %100
211	M196	X	-.782	-.782	0 %100
212	M196	Z	.452	.452	0 %100
213	M197	X	-.319	-.319	0 %100
214	M197	Z	.184	.184	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	0	0	0 %100
2	M1	Z	0	0	0 %100
3	MP3A	X	-.482	-.482	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
4	MP3A	Z	0	0	%100
5	MP2A	X	-.567	-.567	%100
6	MP2A	Z	0	0	%100
7	M10	X	-1.2	-1.2	%100
8	M10	Z	0	0	%100
9	M19	X	-1.2	-1.2	%100
10	M19	Z	0	0	%100
11	M28	X	0	0	%100
12	M28	Z	0	0	%100
13	M31	X	-1.15	-1.15	%100
14	M31	Z	0	0	%100
15	M34	X	-1.15	-1.15	%100
16	M34	Z	0	0	%100
17	M40	X	0	0	%100
18	M40	Z	0	0	%100
19	M46	X	-.067	-.067	%100
20	M46	Z	0	0	%100
21	M52	X	-.067	-.067	%100
22	M52	Z	0	0	%100
23	M55	X	0	0	%100
24	M55	Z	0	0	%100
25	M56	X	-1.296	-1.296	%100
26	M56	Z	0	0	%100
27	M57	X	-.796	-.796	%100
28	M57	Z	0	0	%100
29	M58	X	-.796	-.796	%100
30	M58	Z	0	0	%100
31	M59	X	-.158	-.158	%100
32	M59	Z	0	0	%100
33	M60	X	-.158	-.158	%100
34	M60	Z	0	0	%100
35	M61	X	-.158	-.158	%100
36	M61	Z	0	0	%100
37	M62	X	-.158	-.158	%100
38	M62	Z	0	0	%100
39	M63	X	-.158	-.158	%100
40	M63	Z	0	0	%100
41	M64	X	-.158	-.158	%100
42	M64	Z	0	0	%100
43	M65	X	-.158	-.158	%100
44	M65	Z	0	0	%100
45	M66	X	-.537	-.537	%100
46	M66	Z	0	0	%100
47	M75	X	0	0	%100
48	M75	Z	0	0	%100
49	M76	X	-.896	-.896	%100
50	M76	Z	0	0	%100
51	M77	X	-.896	-.896	%100
52	M77	Z	0	0	%100
53	M78	X	0	0	%100
54	M78	Z	0	0	%100
55	M79	X	-1.2	-1.2	%100
56	M79	Z	0	0	%100
57	M80	X	-1.2	-1.2	%100
58	M80	Z	0	0	%100
59	MP4A	X	-.567	-.567	%100
60	MP4A	Z	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
61	M52A	X	-0.251	-0.251	0 %100
62	M52A	Z	0	0	0 %100
63	M56A	X	-0.054	-0.054	0 %100
64	M56A	Z	0	0	0 %100
65	M67	X	-0.496	-0.496	0 %100
66	M67	Z	0	0	0 %100
67	M68	X	0	0	0 %100
68	M68	Z	0	0	0 %100
69	MP5B	X	-0.567	-0.567	0 %100
70	MP5B	Z	0	0	0 %100
71	MP1C	X	-0.567	-0.567	0 %100
72	MP1C	Z	0	0	0 %100
73	M74A	X	-0.124	-0.124	0 %100
74	M74A	Z	0	0	0 %100
75	M75A	X	-0.279	-0.279	0 %100
76	M75A	Z	0	0	0 %100
77	MP5A	X	-0.567	-0.567	0 %100
78	MP5A	Z	0	0	0 %100
79	MP1B	X	-0.567	-0.567	0 %100
80	MP1B	Z	0	0	0 %100
81	M81	X	-0.124	-0.124	0 %100
82	M81	Z	0	0	0 %100
83	M82	X	-0.279	-0.279	0 %100
84	M82	Z	0	0	0 %100
85	MP5C	X	-0.567	-0.567	0 %100
86	MP5C	Z	0	0	0 %100
87	MP1A	X	-0.567	-0.567	0 %100
88	MP1A	Z	0	0	0 %100
89	M90	X	0	0	0 %100
90	M90	Z	0	0	0 %100
91	M91	X	-0.896	-0.896	0 %100
92	M91	Z	0	0	0 %100
93	M92	X	-0.896	-0.896	0 %100
94	M92	Z	0	0	0 %100
95	MP2C	X	-0.567	-0.567	0 %100
96	MP2C	Z	0	0	0 %100
97	MP4C	X	-0.567	-0.567	0 %100
98	MP4C	Z	0	0	0 %100
99	MP2B	X	-0.567	-0.567	0 %100
100	MP2B	Z	0	0	0 %100
101	MP4B	X	-0.567	-0.567	0 %100
102	MP4B	Z	0	0	0 %100
103	M111	X	0	0	0 %100
104	M111	Z	0	0	0 %100
105	M115	X	-0.496	-0.496	0 %100
106	M115	Z	0	0	0 %100
107	M116	X	0	0	0 %100
108	M116	Z	0	0	0 %100
109	M119	X	-0.067	-0.067	0 %100
110	M119	Z	0	0	0 %100
111	M123	X	-0.124	-0.124	0 %100
112	M123	Z	0	0	0 %100
113	M124	X	-0.279	-0.279	0 %100
114	M124	Z	0	0	0 %100
115	M127	X	-0.067	-0.067	0 %100
116	M127	Z	0	0	0 %100
117	M131	X	-0.124	-0.124	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
118	M131	Z	0	0	0	%100
119	M132	X	-279	-279	0	%100
120	M132	Z	0	0	0	%100
121	M135	X	-717	-717	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	-717	-717	0	%100
124	M136	Z	0	0	0	%100
125	M137	X	-717	-717	0	%100
126	M137	Z	0	0	0	%100
127	M138	X	-717	-717	0	%100
128	M138	Z	0	0	0	%100
129	M139	X	-318	-318	0	%100
130	M139	Z	0	0	0	%100
131	M140	X	-318	-318	0	%100
132	M140	Z	0	0	0	%100
133	M141	X	0	0	0	%100
134	M141	Z	0	0	0	%100
135	M142	X	-717	-717	0	%100
136	M142	Z	0	0	0	%100
137	M143	X	-717	-717	0	%100
138	M143	Z	0	0	0	%100
139	M144	X	-717	-717	0	%100
140	M144	Z	0	0	0	%100
141	M145	X	-717	-717	0	%100
142	M145	Z	0	0	0	%100
143	M146	X	-677	-677	0	%100
144	M146	Z	0	0	0	%100
145	M147	X	-677	-677	0	%100
146	M147	Z	0	0	0	%100
147	M148	X	-597	-597	0	%100
148	M148	Z	0	0	0	%100
149	M149	X	-717	-717	0	%100
150	M149	Z	0	0	0	%100
151	M150	X	-717	-717	0	%100
152	M150	Z	0	0	0	%100
153	M151	X	-717	-717	0	%100
154	M151	Z	0	0	0	%100
155	M152	X	-717	-717	0	%100
156	M152	Z	0	0	0	%100
157	M153	X	-677	-677	0	%100
158	M153	Z	0	0	0	%100
159	M154	X	-677	-677	0	%100
160	M154	Z	0	0	0	%100
161	M155	X	-597	-597	0	%100
162	M155	Z	0	0	0	%100
163	M148A	X	-082	-082	0	%100
164	M148A	Z	0	0	0	%100
165	M149A	X	-082	-082	0	%100
166	M149A	Z	0	0	0	%100
167	M150A	X	-082	-082	0	%100
168	M150A	Z	0	0	0	%100
169	M151A	X	-082	-082	0	%100
170	M151A	Z	0	0	0	%100
171	MP3C	X	-482	-482	0	%100
172	MP3C	Z	0	0	0	%100
173	M157	X	-02	-02	0	%100
174	M157	Z	0	0	0	%100





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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
175	M158	X	-02	-02	0	%100
176	M158	Z	0	0	0	%100
177	M159	X	-02	-02	0	%100
178	M159	Z	0	0	0	%100
179	M160	X	-02	-02	0	%100
180	M160	Z	0	0	0	%100
181	MP3B	X	-482	-482	0	%100
182	MP3B	Z	0	0	0	%100
183	M166	X	-02	-02	0	%100
184	M166	Z	0	0	0	%100
185	M167	X	-02	-02	0	%100
186	M167	Z	0	0	0	%100
187	M168	X	-02	-02	0	%100
188	M168	Z	0	0	0	%100
189	M169	X	-02	-02	0	%100
190	M169	Z	0	0	0	%100
191	M174	X	0	0	0	%100
192	M174	Z	0	0	0	%100
193	M177	X	-426	-426	0	%100
194	M177	Z	0	0	0	%100
195	M180	X	-426	-426	0	%100
196	M180	Z	0	0	0	%100
197	M189	X	0	0	0	%100
198	M189	Z	0	0	0	%100
199	M190	X	-331	-331	0	%100
200	M190	Z	0	0	0	%100
201	M191	X	-331	-331	0	%100
202	M191	Z	0	0	0	%100
203	M192	X	-654	-654	0	%100
204	M192	Z	0	0	0	%100
205	M193	X	-673	-673	0	%100
206	M193	Z	0	0	0	%100
207	M194	X	-292	-292	0	%100
208	M194	Z	0	0	0	%100
209	M195	X	-829	-829	0	%100
210	M195	Z	0	0	0	%100
211	M196	X	-847	-847	0	%100
212	M196	Z	0	0	0	%100
213	M197	X	-293	-293	0	%100
214	M197	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	X	-346	-346	0	%100
2	M1	Z	-2	-2	0	%100
3	MP3A	X	-417	-417	0	%100
4	MP3A	Z	-241	-241	0	%100
5	MP2A	X	-491	-491	0	%100
6	MP2A	Z	-284	-284	0	%100
7	M10	X	-346	-346	0	%100
8	M10	Z	-2	-2	0	%100
9	M19	X	-1.385	-1.385	0	%100
10	M19	Z	-8	-8	0	%100
11	M28	X	-332	-332	0	%100
12	M28	Z	-192	-192	0	%100
13	M31	X	-332	-332	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
14	M31	Z	-.192	-.192	0	%100
15	M34	X	-1.328	-1.328	0	%100
16	M34	Z	-.767	-.767	0	%100
17	M40	X	-.019	-.019	0	%100
18	M40	Z	-.011	-.011	0	%100
19	M46	X	-.019	-.019	0	%100
20	M46	Z	-.011	-.011	0	%100
21	M52	X	-.078	-.078	0	%100
22	M52	Z	-.045	-.045	0	%100
23	M55	X	-.297	-.297	0	%100
24	M55	Z	-.171	-.171	0	%100
25	M56	X	-.842	-.842	0	%100
26	M56	Z	-.486	-.486	0	%100
27	M57	X	-.69	-.69	0	%100
28	M57	Z	-.398	-.398	0	%100
29	M58	X	-.69	-.69	0	%100
30	M58	Z	-.398	-.398	0	%100
31	M59	X	-.103	-.103	0	%100
32	M59	Z	-.059	-.059	0	%100
33	M60	X	-.103	-.103	0	%100
34	M60	Z	-.059	-.059	0	%100
35	M61	X	-.103	-.103	0	%100
36	M61	Z	-.059	-.059	0	%100
37	M62	X	-.103	-.103	0	%100
38	M62	Z	-.059	-.059	0	%100
39	M63	X	-.103	-.103	0	%100
40	M63	Z	-.059	-.059	0	%100
41	M64	X	-.103	-.103	0	%100
42	M64	Z	-.059	-.059	0	%100
43	M65	X	-.103	-.103	0	%100
44	M65	Z	-.059	-.059	0	%100
45	M66	X	-.268	-.268	0	%100
46	M66	Z	-.155	-.155	0	%100
47	M75	X	-.259	-.259	0	%100
48	M75	Z	-.149	-.149	0	%100
49	M76	X	-.259	-.259	0	%100
50	M76	Z	-.149	-.149	0	%100
51	M77	X	-1.035	-1.035	0	%100
52	M77	Z	-.597	-.597	0	%100
53	M78	X	-.346	-.346	0	%100
54	M78	Z	-.2	-.2	0	%100
55	M79	X	-.346	-.346	0	%100
56	M79	Z	-.2	-.2	0	%100
57	M80	X	-1.385	-1.385	0	%100
58	M80	Z	-.8	-.8	0	%100
59	MP4A	X	-.491	-.491	0	%100
60	MP4A	Z	-.284	-.284	0	%100
61	M52A	X	-.439	-.439	0	%100
62	M52A	Z	-.254	-.254	0	%100
63	M56A	X	-.021	-.021	0	%100
64	M56A	Z	-.012	-.012	0	%100
65	M67	X	-.322	-.322	0	%100
66	M67	Z	-.186	-.186	0	%100
67	M68	X	-.081	-.081	0	%100
68	M68	Z	-.046	-.046	0	%100
69	MP5B	X	-.491	-.491	0	%100
70	MP5B	Z	-.284	-.284	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft...	End Magnitude[lb/ft.F...	Start Location[in. %]	End Location[in. %]
71	MP1C	X	-491	-491	0 %100
72	MP1C	Z	-284	-284	0 %100
73	M74A	X	-322	-322	0 %100
74	M74A	Z	-186	-186	0 %100
75	M75A	X	-081	-081	0 %100
76	M75A	Z	-046	-046	0 %100
77	MP5A	X	-491	-491	0 %100
78	MP5A	Z	-284	-284	0 %100
79	MP1B	X	-491	-491	0 %100
80	MP1B	Z	-284	-284	0 %100
81	M81	X	0	0	0 %100
82	M81	Z	0	0	0 %100
83	M82	X	-322	-322	0 %100
84	M82	Z	-186	-186	0 %100
85	MP5C	X	-491	-491	0 %100
86	MP5C	Z	-284	-284	0 %100
87	MP1A	X	-491	-491	0 %100
88	MP1A	Z	-284	-284	0 %100
89	M90	X	-259	-259	0 %100
90	M90	Z	-149	-149	0 %100
91	M91	X	-259	-259	0 %100
92	M91	Z	-149	-149	0 %100
93	M92	X	-1.035	-1.035	0 %100
94	M92	Z	-.597	-.597	0 %100
95	MP2C	X	-491	-491	0 %100
96	MP2C	Z	-284	-284	0 %100
97	MP4C	X	-491	-491	0 %100
98	MP4C	Z	-284	-284	0 %100
99	MP2B	X	-491	-491	0 %100
100	MP2B	Z	-284	-284	0 %100
101	MP4B	X	-491	-491	0 %100
102	MP4B	Z	-284	-284	0 %100
103	M111	X	-.019	-.019	0 %100
104	M111	Z	-.011	-.011	0 %100
105	M115	X	-322	-322	0 %100
106	M115	Z	-186	-186	0 %100
107	M116	X	-081	-081	0 %100
108	M116	Z	-046	-046	0 %100
109	M119	X	-.019	-.019	0 %100
110	M119	Z	-.011	-.011	0 %100
111	M123	X	-322	-322	0 %100
112	M123	Z	-186	-186	0 %100
113	M124	X	-081	-081	0 %100
114	M124	Z	-046	-046	0 %100
115	M127	X	-.078	-.078	0 %100
116	M127	Z	-.045	-.045	0 %100
117	M131	X	0	0	0 %100
118	M131	Z	0	0	0 %100
119	M132	X	-322	-322	0 %100
120	M132	Z	-186	-186	0 %100
121	M135	X	-.621	-.621	0 %100
122	M135	Z	-.358	-.358	0 %100
123	M136	X	-.621	-.621	0 %100
124	M136	Z	-.358	-.358	0 %100
125	M137	X	-.621	-.621	0 %100
126	M137	Z	-.358	-.358	0 %100
127	M138	X	-.621	-.621	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
128	M138	Z	-358	-358	0 %100
129	M139	X	-379	-379	0 %100
130	M139	Z	-219	-219	0 %100
131	M140	X	-379	-379	0 %100
132	M140	Z	-219	-219	0 %100
133	M141	X	-172	-172	0 %100
134	M141	Z	-1	-1	0 %100
135	M142	X	-621	-621	0 %100
136	M142	Z	-358	-358	0 %100
137	M143	X	-621	-621	0 %100
138	M143	Z	-358	-358	0 %100
139	M144	X	-621	-621	0 %100
140	M144	Z	-358	-358	0 %100
141	M145	X	-621	-621	0 %100
142	M145	Z	-358	-358	0 %100
143	M146	X	-379	-379	0 %100
144	M146	Z	-219	-219	0 %100
145	M147	X	-379	-379	0 %100
146	M147	Z	-219	-219	0 %100
147	M148	X	-172	-172	0 %100
148	M148	Z	-1	-1	0 %100
149	M149	X	-621	-621	0 %100
150	M149	Z	-358	-358	0 %100
151	M150	X	-621	-621	0 %100
152	M150	Z	-358	-358	0 %100
153	M151	X	-621	-621	0 %100
154	M151	Z	-358	-358	0 %100
155	M152	X	-621	-621	0 %100
156	M152	Z	-358	-358	0 %100
157	M153	X	-69	-69	0 %100
158	M153	Z	-398	-398	0 %100
159	M154	X	-69	-69	0 %100
160	M154	Z	-398	-398	0 %100
161	M155	X	-69	-69	0 %100
162	M155	Z	-398	-398	0 %100
163	M148A	X	-053	-053	0 %100
164	M148A	Z	-031	-031	0 %100
165	M149A	X	-053	-053	0 %100
166	M149A	Z	-031	-031	0 %100
167	M150A	X	-053	-053	0 %100
168	M150A	Z	-031	-031	0 %100
169	M151A	X	-053	-053	0 %100
170	M151A	Z	-031	-031	0 %100
171	MP3C	X	-417	-417	0 %100
172	MP3C	Z	-241	-241	0 %100
173	M157	X	-053	-053	0 %100
174	M157	Z	-031	-031	0 %100
175	M158	X	-053	-053	0 %100
176	M158	Z	-031	-031	0 %100
177	M159	X	-053	-053	0 %100
178	M159	Z	-031	-031	0 %100
179	M160	X	-053	-053	0 %100
180	M160	Z	-031	-031	0 %100
181	MP3B	X	-417	-417	0 %100
182	MP3B	Z	-241	-241	0 %100
183	M166	X	0	0	0 %100
184	M166	Z	0	0	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
185	M167	X	0	0	0	%100
186	M167	Z	0	0	0	%100
187	M168	X	0	0	0	%100
188	M168	Z	0	0	0	%100
189	M169	X	0	0	0	%100
190	M169	Z	0	0	0	%100
191	M174	X	-.123	-.123	0	%100
192	M174	Z	-.071	-.071	0	%100
193	M177	X	-.123	-.123	0	%100
194	M177	Z	-.071	-.071	0	%100
195	M180	X	-.491	-.491	0	%100
196	M180	Z	-.284	-.284	0	%100
197	M189	X	-.096	-.096	0	%100
198	M189	Z	-.055	-.055	0	%100
199	M190	X	-.096	-.096	0	%100
200	M190	Z	-.055	-.055	0	%100
201	M191	X	-.383	-.383	0	%100
202	M191	Z	-.221	-.221	0	%100
203	M192	X	-.782	-.782	0	%100
204	M192	Z	-.452	-.452	0	%100
205	M193	X	-.319	-.319	0	%100
206	M193	Z	-.184	-.184	0	%100
207	M194	X	-.301	-.301	0	%100
208	M194	Z	-.174	-.174	0	%100
209	M195	X	-.783	-.783	0	%100
210	M195	Z	-.452	-.452	0	%100
211	M196	X	-.469	-.469	0	%100
212	M196	Z	-.271	-.271	0	%100
213	M197	X	-.454	-.454	0	%100
214	M197	Z	-.262	-.262	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	X	-.6	-.6	0	%100
2	M1	Z	-1.039	-1.039	0	%100
3	MP3A	X	-.241	-.241	0	%100
4	MP3A	Z	-.417	-.417	0	%100
5	MP2A	X	-.284	-.284	0	%100
6	MP2A	Z	-.491	-.491	0	%100
7	M10	X	0	0	0	%100
8	M10	Z	0	0	0	%100
9	M19	X	-.6	-.6	0	%100
10	M19	Z	-1.039	-1.039	0	%100
11	M28	X	-.575	-.575	0	%100
12	M28	Z	-.996	-.996	0	%100
13	M31	X	0	0	0	%100
14	M31	Z	0	0	0	%100
15	M34	X	-.575	-.575	0	%100
16	M34	Z	-.996	-.996	0	%100
17	M40	X	-.034	-.034	0	%100
18	M40	Z	-.058	-.058	0	%100
19	M46	X	0	0	0	%100
20	M46	Z	0	0	0	%100
21	M52	X	-.034	-.034	0	%100
22	M52	Z	-.058	-.058	0	%100
23	M55	X	-.514	-.514	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
24	M55	Z	-0.89	-0.89	0 %100
25	M56	X	-0.162	-0.162	0 %100
26	M56	Z	-0.281	-0.281	0 %100
27	M57	X	-0.398	-0.398	0 %100
28	M57	Z	-0.69	-0.69	0 %100
29	M58	X	-0.398	-0.398	0 %100
30	M58	Z	-0.69	-0.69	0 %100
31	M59	X	-0.02	-0.02	0 %100
32	M59	Z	-0.034	-0.034	0 %100
33	M60	X	-0.02	-0.02	0 %100
34	M60	Z	-0.034	-0.034	0 %100
35	M61	X	-0.02	-0.02	0 %100
36	M61	Z	-0.034	-0.034	0 %100
37	M62	X	-0.02	-0.02	0 %100
38	M62	Z	-0.034	-0.034	0 %100
39	M63	X	-0.02	-0.02	0 %100
40	M63	Z	-0.034	-0.034	0 %100
41	M64	X	-0.02	-0.02	0 %100
42	M64	Z	-0.034	-0.034	0 %100
43	M65	X	-0.02	-0.02	0 %100
44	M65	Z	-0.034	-0.034	0 %100
45	M66	X	-0.027	-0.027	0 %100
46	M66	Z	-0.046	-0.046	0 %100
47	M75	X	-0.448	-0.448	0 %100
48	M75	Z	-0.776	-0.776	0 %100
49	M76	X	0	0	0 %100
50	M76	Z	0	0	0 %100
51	M77	X	-0.448	-0.448	0 %100
52	M77	Z	-0.776	-0.776	0 %100
53	M78	X	-0.6	-0.6	0 %100
54	M78	Z	-1.039	-1.039	0 %100
55	M79	X	0	0	0 %100
56	M79	Z	0	0	0 %100
57	M80	X	-0.6	-0.6	0 %100
58	M80	Z	-1.039	-1.039	0 %100
59	MP4A	X	-0.284	-0.284	0 %100
60	MP4A	Z	-0.491	-0.491	0 %100
61	M52A	X	-0.268	-0.268	0 %100
62	M52A	Z	-0.465	-0.465	0 %100
63	M56A	X	-0.126	-0.126	0 %100
64	M56A	Z	-0.217	-0.217	0 %100
65	M67	X	-0.062	-0.062	0 %100
66	M67	Z	-0.107	-0.107	0 %100
67	M68	X	-0.139	-0.139	0 %100
68	M68	Z	-0.242	-0.242	0 %100
69	MP5B	X	-0.284	-0.284	0 %100
70	MP5B	Z	-0.491	-0.491	0 %100
71	MP1C	X	-0.284	-0.284	0 %100
72	MP1C	Z	-0.491	-0.491	0 %100
73	M74A	X	-0.248	-0.248	0 %100
74	M74A	Z	-0.429	-0.429	0 %100
75	M75A	X	0	0	0 %100
76	M75A	Z	0	0	0 %100
77	MP5A	X	-0.284	-0.284	0 %100
78	MP5A	Z	-0.491	-0.491	0 %100
79	MP1B	X	-0.284	-0.284	0 %100
80	MP1B	Z	-0.491	-0.491	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
81	M81	X	-062	-062	0 %100
82	M81	Z	-107	-107	0 %100
83	M82	X	-139	-139	0 %100
84	M82	Z	-242	-242	0 %100
85	MP5C	X	-284	-284	0 %100
86	MP5C	Z	-491	-491	0 %100
87	MP1A	X	-284	-284	0 %100
88	MP1A	Z	-491	-491	0 %100
89	M90	X	-448	-448	0 %100
90	M90	Z	-776	-776	0 %100
91	M91	X	0	0	0 %100
92	M91	Z	0	0	0 %100
93	M92	X	-448	-448	0 %100
94	M92	Z	-776	-776	0 %100
95	MP2C	X	-284	-284	0 %100
96	MP2C	Z	-491	-491	0 %100
97	MP4C	X	-284	-284	0 %100
98	MP4C	Z	-491	-491	0 %100
99	MP2B	X	-284	-284	0 %100
100	MP2B	Z	-491	-491	0 %100
101	MP4B	X	-284	-284	0 %100
102	MP4B	Z	-491	-491	0 %100
103	M111	X	-034	-034	0 %100
104	M111	Z	-058	-058	0 %100
105	M115	X	-062	-062	0 %100
106	M115	Z	-107	-107	0 %100
107	M116	X	-139	-139	0 %100
108	M116	Z	-242	-242	0 %100
109	M119	X	0	0	0 %100
110	M119	Z	0	0	0 %100
111	M123	X	-248	-248	0 %100
112	M123	Z	-429	-429	0 %100
113	M124	X	0	0	0 %100
114	M124	Z	0	0	0 %100
115	M127	X	-034	-034	0 %100
116	M127	Z	-058	-058	0 %100
117	M131	X	-062	-062	0 %100
118	M131	Z	-107	-107	0 %100
119	M132	X	-139	-139	0 %100
120	M132	Z	-242	-242	0 %100
121	M135	X	-358	-358	0 %100
122	M135	Z	-621	-621	0 %100
123	M136	X	-358	-358	0 %100
124	M136	Z	-621	-621	0 %100
125	M137	X	-358	-358	0 %100
126	M137	Z	-621	-621	0 %100
127	M138	X	-358	-358	0 %100
128	M138	Z	-621	-621	0 %100
129	M139	X	-338	-338	0 %100
130	M139	Z	-586	-586	0 %100
131	M140	X	-338	-338	0 %100
132	M140	Z	-586	-586	0 %100
133	M141	X	-299	-299	0 %100
134	M141	Z	-517	-517	0 %100
135	M142	X	-358	-358	0 %100
136	M142	Z	-621	-621	0 %100
137	M143	X	-358	-358	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
138	M143	Z	-621	-621	0	%100
139	M144	X	-358	-358	0	%100
140	M144	Z	-621	-621	0	%100
141	M145	X	-358	-358	0	%100
142	M145	Z	-621	-621	0	%100
143	M146	X	-159	-159	0	%100
144	M146	Z	-275	-275	0	%100
145	M147	X	-159	-159	0	%100
146	M147	Z	-275	-275	0	%100
147	M148	X	0	0	0	%100
148	M148	Z	0	0	0	%100
149	M149	X	-358	-358	0	%100
150	M149	Z	-621	-621	0	%100
151	M150	X	-358	-358	0	%100
152	M150	Z	-621	-621	0	%100
153	M151	X	-358	-358	0	%100
154	M151	Z	-621	-621	0	%100
155	M152	X	-358	-358	0	%100
156	M152	Z	-621	-621	0	%100
157	M153	X	-338	-338	0	%100
158	M153	Z	-586	-586	0	%100
159	M154	X	-338	-338	0	%100
160	M154	Z	-586	-586	0	%100
161	M155	X	-299	-299	0	%100
162	M155	Z	-517	-517	0	%100
163	M148A	X	-01	-01	0	%100
164	M148A	Z	-018	-018	0	%100
165	M149A	X	-01	-01	0	%100
166	M149A	Z	-018	-018	0	%100
167	M150A	X	-01	-01	0	%100
168	M150A	Z	-018	-018	0	%100
169	M151A	X	-01	-01	0	%100
170	M151A	Z	-018	-018	0	%100
171	MP3C	X	-241	-241	0	%100
172	MP3C	Z	-417	-417	0	%100
173	M157	X	-041	-041	0	%100
174	M157	Z	-071	-071	0	%100
175	M158	X	-041	-041	0	%100
176	M158	Z	-071	-071	0	%100
177	M159	X	-041	-041	0	%100
178	M159	Z	-071	-071	0	%100
179	M160	X	-041	-041	0	%100
180	M160	Z	-071	-071	0	%100
181	MP3B	X	-241	-241	0	%100
182	MP3B	Z	-417	-417	0	%100
183	M166	X	-01	-01	0	%100
184	M166	Z	-018	-018	0	%100
185	M167	X	-01	-01	0	%100
186	M167	Z	-018	-018	0	%100
187	M168	X	-01	-01	0	%100
188	M168	Z	-018	-018	0	%100
189	M169	X	-01	-01	0	%100
190	M169	Z	-018	-018	0	%100
191	M174	X	-213	-213	0	%100
192	M174	Z	-369	-369	0	%100
193	M177	X	0	0	0	%100
194	M177	Z	0	0	0	%100





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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
195	M180	X	-213	-213	0	%100
196	M180	Z	-369	-369	0	%100
197	M189	X	-166	-166	0	%100
198	M189	Z	-287	-287	0	%100
199	M190	X	0	0	0	%100
200	M190	Z	0	0	0	%100
201	M191	X	-166	-166	0	%100
202	M191	Z	-287	-287	0	%100
203	M192	X	-424	-424	0	%100
204	M192	Z	-734	-734	0	%100
205	M193	X	-147	-147	0	%100
206	M193	Z	-254	-254	0	%100
207	M194	X	-327	-327	0	%100
208	M194	Z	-566	-566	0	%100
209	M195	X	-337	-337	0	%100
210	M195	Z	-583	-583	0	%100
211	M196	X	-146	-146	0	%100
212	M196	Z	-253	-253	0	%100
213	M197	X	-415	-415	0	%100
214	M197	Z	-718	-718	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	Y	-155	-2.732	0	13.2
2	M1	Y	-2.732	-5.484	13.2	26.4
3	M1	Y	-5.484	-5.172	26.4	39.6
4	M1	Y	-5.172	-2.26	39.6	52.8
5	M1	Y	-2.26	-155	52.8	66
6	M31	Y	-439	-3.795	0	11.2
7	M31	Y	-3.795	-5.305	11.2	22.4
8	M31	Y	-5.305	-5.008	22.4	33.6
9	M31	Y	-5.008	-3.525	33.6	44.8
10	M31	Y	-3.525	-815	44.8	56
11	M32	Y	-299	-299	.223	1.754
12	M33	Y	-299	-299	.223	1.754
13	M80	Y	-191	-2.285	0	13.2
14	M80	Y	-2.285	-5.198	13.2	26.4
15	M80	Y	-5.198	-6.33	26.4	39.6
16	M80	Y	-6.33	-3.72	39.6	52.8
17	M80	Y	-3.72	-191	52.8	66
18	M105	Y	-4.387	-4.387	0	2
19	M10	Y	-191	-3.7	0	13.2
20	M10	Y	-3.7	-6.612	13.2	26.4
21	M10	Y	-6.612	-5.473	26.4	39.6
22	M10	Y	-5.473	-2.258	39.6	52.8
23	M10	Y	-2.258	-191	52.8	66
24	M34	Y	-802	-3.55	0	11.2
25	M34	Y	-3.55	-5.047	11.2	22.4
26	M34	Y	-5.047	-5.328	22.4	33.6
27	M34	Y	-5.328	-3.801	33.6	44.8
28	M34	Y	-3.801	-431	44.8	56
29	M35	Y	-299	-299	.223	1.754
30	M36	Y	-299	-299	.223	1.754
31	M78	Y	-155	-2.268	0	13.2
32	M78	Y	-2.268	-5.213	13.2	26.4
33	M78	Y	-5.213	-5.517	26.4	39.6



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
34	M78	Y	-5.517	-2.733	39.6	52.8
35	M78	Y	-2.733	-.155	52.8	66
36	M28	Y	-.107	-3.655	16.8	24.64
37	M28	Y	-3.655	-6.032	24.64	32.48
38	M28	Y	-6.032	-4.141	32.48	40.32
39	M28	Y	-4.141	-2.353	40.32	48.16
40	M28	Y	-2.353	-.216	48.16	56
41	M30	Y	-.317	-.317	.238	1.756
42	M55	Y	-2.652	-3.678	9.686	20.987
43	M55	Y	-3.678	-4.703	20.987	32.287
44	M56	Y	-3.788	-3.788	.166	24
45	M79	Y	-.003	-.871	0	7.92
46	M79	Y	-.871	-3.023	7.92	15.84
47	M79	Y	-3.023	-3.752	15.84	23.76
48	M79	Y	-3.752	-1.585	23.76	31.68
49	M79	Y	-1.585	-.003	31.68	39.6
50	M19	Y	-1.565	-3.527	8.693	12.795
51	M19	Y	-3.527	-2.2	12.795	16.896
52	M19	Y	-2.2	-1.734	16.896	20.997
53	M19	Y	-1.734	-5.419	20.997	25.099
54	M55	Y	-3.469	-2.709	0	16.144
55	M55	Y	-2.709	-1.95	16.144	32.287
56	M79	Y	-1.347	-1.347	33	66

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	Y	-.293	-5.153	0	13.2
2	M1	Y	-5.153	-10.343	13.2	26.4
3	M1	Y	-10.343	-9.755	26.4	39.6
4	M1	Y	-9.755	-4.262	39.6	52.8
5	M1	Y	-4.262	-.293	52.8	66
6	M31	Y	-.828	-7.157	0	11.2
7	M31	Y	-7.157	-10.005	11.2	22.4
8	M31	Y	-10.005	-9.446	22.4	33.6
9	M31	Y	-9.446	-6.648	33.6	44.8
10	M31	Y	-6.648	-1.537	44.8	56
11	M32	Y	-.564	-.564	.223	1.754
12	M33	Y	-.564	-.564	.223	1.754
13	M80	Y	-.36	-4.31	0	13.2
14	M80	Y	-4.31	-9.803	13.2	26.4
15	M80	Y	-9.803	-11.94	26.4	39.6
16	M80	Y	-11.94	-7.016	39.6	52.8
17	M80	Y	-7.016	-.36	52.8	66
18	M105	Y	-8.274	-8.274	0	2
19	M10	Y	-.36	-6.98	0	13.2
20	M10	Y	-6.98	-12.471	13.2	26.4
21	M10	Y	-12.471	-10.323	26.4	39.6
22	M10	Y	-10.323	-4.259	39.6	52.8
23	M10	Y	-4.259	-.36	52.8	66
24	M34	Y	-1.512	-6.696	0	11.2
25	M34	Y	-6.696	-9.519	11.2	22.4
26	M34	Y	-9.519	-10.049	22.4	33.6
27	M34	Y	-10.049	-7.17	33.6	44.8
28	M34	Y	-7.17	-.814	44.8	56
29	M35	Y	-.564	-.564	.223	1.754
30	M36	Y	-.564	-.564	.223	1.754



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
31	M78	Y	-.293	-4.278	0	13.2
32	M78	Y	-4.278	-9.833	13.2	26.4
33	M78	Y	-9.833	-10.405	26.4	39.6
34	M78	Y	-10.405	-5.154	39.6	52.8
35	M78	Y	-5.154	-.293	52.8	66
36	M19	Y	.219	.219	52.8	56.1
37	M19	Y	.219	-.799	56.1	59.4
38	M19	Y	-.799	-3.571	59.4	62.7
39	M19	Y	-3.571	-7.079	62.7	66
40	M28	Y	-4.908	-4.052	0	2.24
41	M28	Y	-4.052	-2.308	2.24	4.48
42	M28	Y	-2.308	-.475	4.48	6.72
43	M28	Y	-.475	.043	6.72	8.96
44	M28	Y	.043	.043	8.96	11.2
45	M29	Y	-.768	-.768	0	2
46	M31	Y	.004	.004	44.8	47.6
47	M31	Y	.004	-1.442	47.6	50.4
48	M31	Y	-1.442	-2.919	50.4	53.2
49	M31	Y	-2.919	-2.979	53.2	56
50	M33	Y	-.283	-1.344	0	1
51	M33	Y	-1.344	-2.405	1	2
52	M77	Y	-2.861	-5.615	0	2.4
53	M77	Y	-5.615	-4.427	2.4	4.8
54	M77	Y	-4.427	-1.454	4.8	7.2
55	M77	Y	-1.454	-1.179	7.2	9.6
56	M77	Y	-1.179	-1.447	9.6	12
57	M80	Y	-.26	-1.376	0	2.64
58	M80	Y	-1.376	-.995	2.64	5.28
59	M80	Y	-.995	-.056	5.28	7.92
60	M80	Y	-.056	-.056	7.92	10.56
61	M80	Y	-.056	-.056	10.56	13.2
62	M168	Y	-16.782	-7.682	0	.8
63	M168	Y	-7.682	-2.863	.8	1.6
64	M168	Y	-2.863	-2.048	1.6	2.4
65	M168	Y	-2.048	-.524	2.4	3.2
66	M168	Y	-.524	.455	3.2	4
67	M169	Y	-12.958	-5.844	0	1.333
68	M169	Y	-5.844	-1.2	1.333	2.667
69	M169	Y	-1.2	.492	2.667	4
70	M172	Y	-2.029	-3.131	0	1
71	M172	Y	-3.131	-4.232	1	2
72	M173	Y	-3.476	-4.369	0	1
73	M173	Y	-4.369	-5.261	1	2
74	M10	Y	.219	.219	52.8	56.1
75	M10	Y	.219	-.799	56.1	59.4
76	M10	Y	-.799	-3.572	59.4	62.7
77	M10	Y	-3.572	-7.083	62.7	66
78	M28	Y	-.011	-.011	44.8	47.04
79	M28	Y	-.011	-.526	47.04	49.28
80	M28	Y	-.526	-2.133	49.28	51.52
81	M28	Y	-2.133	-3.113	51.52	53.76
82	M28	Y	-3.113	-2.886	53.76	56
83	M30	Y	.038	-1.145	0	1
84	M30	Y	-1.145	-2.478	1	2
85	M34	Y	-4.901	-4.05	0	2.24
86	M34	Y	-4.05	-2.308	2.24	4.48
87	M34	Y	-2.308	-.475	4.48	6.72



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
88	M34	Y	-4.75	.043	6.72	8.96
89	M34	Y	.043	.043	8.96	11.2
90	M35	Y	-.767	-.767	0	2
91	M76	Y	-2.88	-5.618	0	2.4
92	M76	Y	-5.618	-4.422	2.4	4.8
93	M76	Y	-4.422	-1.45	4.8	7.2
94	M76	Y	-1.45	-1.178	7.2	9.6
95	M76	Y	-1.178	-1.446	9.6	12
96	M79	Y	-.109	-1.341	0	2.64
97	M79	Y	-1.341	-1.175	2.64	5.28
98	M79	Y	-1.175	-.227	5.28	7.92
99	M79	Y	-.227	-.062	7.92	10.56
100	M79	Y	-.062	-.062	10.56	13.2
101	M159	Y	-12.958	-6.209	0	1
102	M159	Y	-6.209	-2.823	1	2
103	M159	Y	-2.823	-1.451	2	3
104	M159	Y	-1.451	.365	3	4
105	M160	Y	-12.963	-5.846	0	1.333
106	M160	Y	-5.846	-1.2	1.333	2.667
107	M160	Y	-1.2	.492	2.667	4
108	M163	Y	-2.112	-3.165	0	1
109	M163	Y	-3.165	-4.219	1	2
110	M164	Y	-3.474	-4.367	0	1
111	M164	Y	-4.367	-5.261	1	2
112	M1	Y	.219	.219	52.8	56.1
113	M1	Y	.219	-.799	56.1	59.4
114	M1	Y	-.799	-3.572	59.4	62.7
115	M1	Y	-3.572	-7.083	62.7	66
116	M31	Y	-4.901	-4.05	0	2.24
117	M31	Y	-4.05	-2.308	2.24	4.48
118	M31	Y	-2.308	-.475	4.48	6.72
119	M31	Y	-.475	.043	6.72	8.96
120	M31	Y	.043	.043	8.96	11.2
121	M32	Y	-.767	-.767	0	2
122	M34	Y	-.009	-.009	44.8	47.04
123	M34	Y	-.009	-.526	47.04	49.28
124	M34	Y	-.526	-2.143	49.28	51.52
125	M34	Y	-2.143	-3.15	51.52	53.76
126	M34	Y	-3.15	-2.962	53.76	56
127	M36	Y	-.221	-1.466	0	1
128	M36	Y	-1.466	-2.712	1	2
129	M75	Y	-2.88	-5.618	0	2.4
130	M75	Y	-5.618	-4.422	2.4	4.8
131	M75	Y	-4.422	-1.45	4.8	7.2
132	M75	Y	-1.45	-1.178	7.2	9.6
133	M75	Y	-1.178	-1.446	9.6	12
134	M78	Y	-.067	-1.425	0	2.64
135	M78	Y	-1.425	-1.092	2.64	5.28
136	M78	Y	-1.092	-.067	5.28	7.92
137	M78	Y	-.067	-.067	7.92	10.56
138	M78	Y	-.067	-.067	10.56	13.2
139	M150A	Y	-12.715	-6.096	0	1
140	M150A	Y	-6.096	-2.786	1	2
141	M150A	Y	-2.786	-1.44	2	3
142	M150A	Y	-1.44	.357	3	4
143	M151A	Y	-12.963	-5.846	0	1.333
144	M151A	Y	-5.846	-1.2	1.333	2.667



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
145	M151A	Y	-1.2	.492	2.667	4
146	M154A	Y	-2.099	-3.159	0	1
147	M154A	Y	-3.159	-4.219	1	2
148	M155A	Y	-3.474	-4.367	0	1
149	M155A	Y	-4.367	-5.261	1	2
150	M28	Y	-.202	-6.894	16.8	24.64
151	M28	Y	-6.894	-11.377	24.64	32.48
152	M28	Y	-11.377	-7.811	32.48	40.32
153	M28	Y	-7.811	-4.439	40.32	48.16
154	M28	Y	-4.439	-.408	48.16	56
155	M30	Y	-.599	-.599	.238	1.756
156	M55	Y	-5.002	-6.936	9.686	20.987
157	M55	Y	-6.936	-8.87	20.987	32.287
158	M56	Y	-7.145	-7.145	.166	24
159	M79	Y	-.006	-1.643	0	7.92
160	M79	Y	-1.643	-5.703	7.92	15.84
161	M79	Y	-5.703	-7.077	15.84	23.76
162	M79	Y	-7.077	-2.989	23.76	31.68
163	M79	Y	-2.989	-.006	31.68	39.6
164	M19	Y	-2.952	-6.652	8.693	12.795
165	M19	Y	-6.652	-4.15	12.795	16.896
166	M19	Y	-4.15	-3.271	16.896	20.997
167	M19	Y	-3.271	-10.22	20.997	25.099
168	M55	Y	-6.542	-5.11	0	16.144
169	M55	Y	-5.11	-3.679	16.144	32.287
170	M79	Y	-2.54	-2.54	33	66

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N74	N73	N44	N5	Y	Two Way	-.005
2	N80	N79	N4	N25	Y	Two Way	-.005
3	N83	N24	N85	N84	Y	Two Way	-.005
4	N86	N85	N67A	N68B	Y	Two Way	-.005

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N74	N73	N44	N5	Y	Two Way	-.01
2	N80	N79	N4	N25	Y	Two Way	-.01
3	N431	N431A	N44	N45	Y	Two Way	-.01
4	N429A	N432	N25	N24	Y	Two Way	-.01
5	N433	N430A	N5	N4	Y	Two Way	-.01
6	N83	N24	N85	N84	Y	Two Way	-.01
7	N86	N85	N67A	N68B	Y	Two Way	-.01

**Envelope Joint Reactions**

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N109	max	444.259	10	2867.756	19	-1644.859	1	3.558	13	1.049	4	.051	4
2		min	-2023.657	4	1218.581	1	-8104.906	19	1.661	31	-1.105	10	-.261	10
3	N386A	max	-1154.025	9	2681.226	14	5445.05	13	-.821	12	.826	12	-1.31	7
4		min	-6047.016	15	1122.688	9	1267.488	7	-1.769	18	-.814	6	-2.79	24
5	N394B	max	7655.86	23	2629.472	22	2660.248	22	-.604	2	.709	8	2.849	18
6		min	1739.685	5	1094.934	5	71.483	5	-1.481	20	-.757	2	1.359	49
7	N618	max	426.105	10	791.497	7	767.409	1	-.002	5	0	4	0	10



**Envelope Joint Reactions (Continued)**

Joint	X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
8	min -379.306	4	-606.691	1	-954.567	7	-.006	23	0	10	0	4
9	N619 max 682.284	10	784.429	3	575.998	2	.003	19	0	12	.005	16
10	min -871.226	4	-581.294	9	-482.502	8	.001	9	0	6	.002	10
11	N622 max 815.17	11	799.785	11	685.573	12	.003	24	0	8	-.002	9
12	min -646.721	5	-580.643	5	-519.968	6	0	6	0	2	-.006	15
13	Totals: max 5972.935	10	8700.019	13	5992.69	1						
14	min -5972.936	4	4462.388	8	-5992.69	7						

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

Member	Shape	Code Check	Loc[...]	LC	Shear Check	Loc[in]	Dir	LC	phi*Pnc...	phi*Pnt...	phi*Mn...	phi*Mn...Cb	Eqn	
1	M1	C5X6.7	.440	60.5	3	.164	46.063	y	1	24375.2...	63828	1.604	9.585	1...H1-1b
2	MP3A	PIPE 2.0	.017	12.5	7	.061	0		3	28122.4...	32130	1.872	1.872	1...H1-1b
3	MP2A	PIPE 2.0	.065	18	23	.138	40		7	14916.0...	32130	1.872	1.872	1...H1-1b
4	M10	C5X6.7	.399	60.5	11	.140	46.062	y	9	24375.2...	63828	1.604	9.585	1...H1-1b
5	M19	C5X6.7	.453	60.5	4	.141	46.062	y	5	24375.2...	63828	1.604	9.585	2...H1-1b
6	M28	C5X9	.612	28	7	.138	28	y	13	42540.9...	85536	1.909	11.853	1...H1-1b
7	M31	C5X9	.550	28	3	.086	28	y	21	42540.9...	85536	1.909	11.853	1...H1-1b
8	M34	C5X9	.514	28	11	.086	28	y	17	42540.9...	85536	1.909	11.853	1...H1-1b
9	M40	PL3/8x8	.039	10	16	.114	5	y	17	62024.8...	97200	.759	16.2	1...H1-1b
10	M46	PL3/8x8	.051	10	11	.113	5	y	13	62024.8...	97200	.759	16.2	1...H1-1b
11	M52	PL3/8x8	.049	10	7	.116	5	y	21	62024.8...	97200	.759	16.2	1...H1-1b
12	M55	C5X9	.264	0	17	.133	3.027	z	19	67812.9...	85536	1.909	11.853	1...H1-1b
13	M56	C5X9	.281	24	9	.142	5	z	4	75237.2...	85536	1.909	11.853	1...H1-1b
14	M57	L2x2x3	.256	24.5	10	.026	23.625	z	7	3497.983	23392.8	.558	1.123	2...H2-1
15	M58	L2x2x3	.252	24.5	4	.019	24.5	y	7	3497.983	23392.8	.558	1.126	2...H2-1
16	M59	SR 0.75	.024	0	7	.013	14		13	10673.2...	14313.8...	.179	.179	2...H1-1b
17	M60	SR 0.75	.088	0	1	.013	14		7	10673.2...	14313.8...	.179	.179	2...H1-1b
18	M61	SR 0.75	.109	0	1	.021	14		7	10673.2...	14313.8...	.179	.179	2...H1-1b
19	M62	SR 0.75	.113	0	1	.026	14		7	10673.2...	14313.8...	.179	.179	2...H1-1b
20	M63	SR 0.75	.075	0	1	.021	14		7	10673.2...	14313.8...	.179	.179	2...H1-1b
21	M64	SR 0.75	.018	0	7	.014	14		24	10673.2...	14313.8...	.179	.179	2...H1-1b
22	M65	SR 0.75	.069	0	1	.007	14		7	10673.2...	14313.8...	.179	.179	2...H1-1b
23	M66	HSS3X3X6	.370	27	22	.143	27	y	16	134307...	140346	11.213	11.213	2...H1-1b
24	M75	C5X6.7	.251	0	3	.055	9	z	3	61831.7...	63828	1.604	9.585	1...H1-1b
25	M76	C5X6.7	.231	0	11	.062	9	z	11	61831.7...	63828	1.604	9.585	1...H1-1b
26	M77	C5X6.7	.255	0	4	.051	9	z	7	61831.7...	63828	1.604	9.585	1...H1-1b
27	M78	C5X6.7	.413	5.5	3	.152	19.938	y	24	24375.2...	63828	1.604	9.585	2...H1-1b
28	M79	C5X6.7	.373	5.5	11	.292	34.375	y	20	24375.2...	63828	1.604	9.585	1...H1-1b
29	M80	C5X6.7	.404	5.5	3	.151	19.938	y	16	24375.2...	63828	1.604	9.585	1...H1-1b
30	MP4A	PIPE 2.0	.111	40	8	.132	18		7	14916.0...	32130	1.872	1.872	1...H1-1b
31	M52A	HSS3X3X6	.336	27	24	.137	27	y	13	134307...	140346	11.213	11.213	2...H1-1b
32	M56A	HSS3X3X6	.328	27	14	.130	27	y	20	134307...	140346	11.213	11.213	2...H1-1b
33	M67	C6X8.2	.107	28	23	.016	13.125	z	22	67078.7...	77436	2.108	13.932	1...H1-1b
34	M68	HSS2X2X4	.058	8.75	7	.043	8.75	y	13	59964.1...	62514	3.326	3.326	1...H1-1b
35	MP5B	PIPE 2.0	.077	57.5	18	.034	58.333		3	18857.4...	32130	1.872	1.872	1...H1-1b
36	MP1C	PIPE 2.0	.052	12.5	23	.020	57.5		5	18857.4...	32130	1.872	1.872	1...H1-1b
37	M74A	C6X8.2	.106	28	20	.015	13.708	y	6	67078.7...	77436	2.108	13.932	1...H1-1b
38	M75A	HSS2X2X4	.051	8.75	4	.042	8.75	y	21	59964.1...	62514	3.326	3.326	1...H1-1b
39	MP5A	PIPE 2.0	.074	57.5	14	.034	58.333		11	18857.4...	32130	1.872	1.872	2...H1-1b
40	MP1B	PIPE 2.0	.055	57.5	15	.016	57.5		24	18857.4...	32130	1.872	1.872	2...H1-1b
41	M81	C6X8.2	.112	28	16	.016	13.125	z	14	67078.7...	77436	2.108	13.932	1...H1-1b
42	M82	HSS2X2X4	.057	8.75	11	.045	8.75	y	17	59964.1...	62514	3.326	3.326	2...H1-1b
43	MP5C	PIPE 2.0	.079	57.5	22	.033	58.333		2	18857.4...	32130	1.872	1.872	1...H1-1b
44	MP1A	PIPE 2.0	.058	57.5	23	.016	57.5		21	18857.4...	32130	1.872	1.872	2...H1-1b
45	M90	L3X3X5	.100	108...	8	.166	40.479	y	2	7611.8	57672	2.015	4.322	2...H2-1



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

Member	Shape	Code Check	Loc...	LC	Shear Check	Loc(in)	Dir	LC	phi*Pnc...	phi*Pnt...	phi*Mn...	phi*Mn...	Cb	Eqn
46	M91	L3X3X5	.107	36.2...	3	.147	40.479	y	10	7611.8	57672	2.015	4.479	3... H2-1
47	M92	L3X3X5	.103	108...	12	.152	40.479	y	6	7611.8	57672	2.015	4.242	2... H2-1
48	MP2C	PIPE 2.0	.067	78	21	.131	18	2	14916.0...	32130	1.872	1.872	1... H1-1b	
49	MP4C	PIPE 2.0	.113	40	4	.129	18	3	14916.0...	32130	1.872	1.872	1... H1-1b	
50	MP2B	PIPE 2.0	.065	18	15	.133	40	11	14916.0...	32130	1.872	1.872	1... H1-1b	
51	MP4B	PIPE 2.0	.122	40	12	.139	18	11	14916.0...	32130	1.872	1.872	1... H1-1b	
52	M111	PL3/8x8	.056	0	17	.104	5	y	22	62024.8...	97200	.759	15.74	1... H1-1b
53	M115	C6X8.2	.110	28	17	.015	13.125	z	17	67078.7...	77436	2.108	13.932	1... H1-1b
54	M116	HSS2X2X4	.047	8.75	2	.044	8.75	y	18	59964.1...	62514	3.326	3.326	2... H1-1b
55	M119	PL3/8x8	.057	10	17	.106	5	y	18	62024.8...	97200	.759	16.2	1... H1-1b
56	M123	C6X8.2	.107	28	13	.014	13.125	z	24	67078.7...	77436	2.108	13.932	1... H1-1b
57	M124	HSS2X2X4	.051	8.75	9	.042	8.75	y	14	59964.1...	62514	3.326	3.326	2... H1-1b
58	M127	PL3/8x8	.055	10	13	.111	5	y	20	62024.8...	97200	.759	16.2	1... H1-1b
59	M131	C6X8.2	.113	28	21	.016	13.125	z	21	67078.7...	77436	2.108	13.932	1... H1-1b
60	M132	HSS2X2X4	.057	8.75	5	.044	8.75	y	22	59964.1...	62514	3.326	3.326	2... H1-1b
61	M135	L1.75X1.75...	.097	2.771	9	.091	2.771	y	9	38245.2...	66841.2	1.16	2.282	2... H2-1
62	M136	L1.75X1.75...	.162	35.2...	9	.099	38	z	8	38245.2...	66841.2	1.16	2.282	3... H2-1
63	M137	L1.75X1.75...	.122	0	21	.099	2.771	z	18	38245.2...	66841.2	1.16	2.282	3... H2-1
64	M138	L1.75X1.75...	.207	35.2...	15	.096	38	y	6	38245.2...	66841.2	1.16	2.282	2... H2-1
65	M139	L1.75X1.75...	.124	50.6...	15	.007	50.642	y	3	24744.4...	66841.2	1.16	2.282	2... H2-1
66	M140	L1.75X1.75...	.121	50.6...	9	.007	50.642	z	9	24744.4...	66841.2	1.16	2.282	2... H2-1
67	M141	L1.75X1.75...	.063	0	33	.008	0	y	9	23926.3...	66841.2	1.16	2.282	2... H2-1
68	M142	L1.75X1.75...	.114	0	17	.110	2.771	y	5	38245.2...	66841.2	1.16	2.282	2.1 H2-1
69	M143	L1.75X1.75...	.194	35.2...	5	.108	38	z	17	38245.2...	66841.2	1.16	2.282	3... H2-1
70	M144	L1.75X1.75...	.125	0	17	.095	2.771	z	14	38245.2...	66841.2	1.16	2.282	3... H2-1
71	M145	L1.75X1.75...	.191	35.2...	23	.089	38	y	2	38245.2...	66841.2	1.16	2.282	2... H2-1
72	M146	L1.75X1.75...	.113	50.6...	23	.007	50.642	y	11	24744.4...	66841.2	1.16	2.282	2... H2-1
73	M147	L1.75X1.75...	.139	50.6...	5	.009	50.642	z	5	24744.4...	66841.2	1.16	2.282	2... H2-1
74	M148	L1.75X1.75...	.066	0	5	.009	0	y	5	23926.3...	66841.2	1.16	2.282	2... H2-1
75	M149	L1.75X1.75...	.097	2.771	1	.098	2.771	y	1	38245.2...	66841.2	1.16	2.282	2... H2-1
76	M150	L1.75X1.75...	.170	35.2...	1	.104	38	z	12	38245.2...	66841.2	1.16	2.282	3... H2-1
77	M151	L1.75X1.75...	.130	0	22	.102	2.771	z	22	38245.2...	66841.2	1.16	2.282	2... H2-1
78	M152	L1.75X1.75...	.207	35.2...	19	.104	38	y	9	38245.2...	66841.2	1.16	2.282	2... H2-1
79	M153	L1.75X1.75...	.126	50.6...	19	.007	50.642	y	18	24744.4...	66841.2	1.16	2.282	2... H2-1
80	M154	L1.75X1.75...	.127	50.6...	1	.007	50.642	z	1	24744.4...	66841.2	1.16	2.282	2... H2-1
81	M155	L1.75X1.75...	.064	0	1	.008	0	y	1	23926.3...	66841.2	1.16	2.282	2... H2-1
82	M148A	SR 0.5	.069	4	9	.024	0	25	6010.373	6350.4	.052	.052	1... H1-1b	
83	M149A	SR 0.5	.063	4	3	.022	0	25	6010.373	6350.4	.052	.052	1... H1-1b	
84	M150A	SR 0.5	.270	4	24	.179	4	13	6010.373	6350.4	.052	.052	1... H1-1b	
85	M151A	SR 0.5	.251	4	24	.167	4	13	6010.373	6350.4	.052	.052	1... H1-1b	
86	MP3C	PIPE 2.0	.037	20.8...	3	.060	0	11	28122.4...	32130	1.872	1.872	1... H1-1b	
87	M157	SR 0.5	.126	4	4	.074	4	3	6010.373	6350.4	.052	.052	1... H1-1b	
88	M158	SR 0.5	.125	4	4	.072	4	3	6010.373	6350.4	.052	.052	1... H1-1b	
89	M159	SR 0.5	.436	4	22	.300	4	21	6010.373	6350.4	.052	.052	1... H1-1b	
90	M160	SR 0.5	.408	4	22	.278	4	21	6010.373	6350.4	.052	.052	1... H1-1b	
91	MP3B	PIPE 2.0	.016	12.5	4	.061	0	1	28122.4...	32130	1.872	1.872	1... H1-1b	
92	M166	SR 0.5	.066	4	7	.019	4	11	6010.373	6350.4	.052	.052	1... H1-1b	
93	M167	SR 0.5	.064	4	7	.020	4	11	6010.373	6350.4	.052	.052	1... H1-1b	
94	M168	SR 0.5	.278	4	16	.182	4	17	6010.373	6350.4	.052	.052	1... H1-1b	
95	M169	SR 0.5	.258	4	16	.171	4	17	6010.373	6350.4	.052	.052	1... H1-1b	
96	M174	PIPE 2.0	.259	86.25	6	.094	32.5	8	9836.597	32130	1.872	1.872	1... H1-1b	
97	M177	PIPE 2.0	.261	86.25	2	.093	32.5	4	9836.597	32130	1.872	1.872	1... H1-1b	
98	M180	PIPE 2.0	.258	86.25	10	.097	32.5	12	9836.597	32130	1.872	1.872	1... H1-1b	
99	M189	PIPE 2.0	.007	0	1	.078	0	10	30869.0...	32130	1.872	1.872	1... H1-1b*	
100	M190	PIPE 2.0	.007	0	9	.080	21.928	12	30869.0...	32130	1.872	1.872	1... H1-1b*	
101	M191	PIPE 2.0	.007	21.9...	5	.078	21.928	2	30869.0...	32130	1.872	1.872	1... H1-1b*	
102	M192	L2.5x2.5x3	.058	25.7...	2	.053	0	y	23	15968.9...	29192.4	.873	1.683	1... H2-1



Company : Maser Consulting  
 Designer : NL  
 Job Number : 21777017A  
 Model Name : Mount Analysis

Mar 31, 2021  
 11:39 AM  
 Checked By: DX

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

Member	Shape	Code Check	Loc[...]	LC	Shear Check	Loc[in]	Dir	LC	phi*Pnc...	phi*Pnt...	phi*Mn...	phi*Mn...	Cb	Eqn
103	M193	L2.5x2.5x3	.058	25.3...	1	.052	0	z	23	16317.2...	29192.4	.873	1.691	1.. H2-1
104	M194	L2.5x2.5x3	.059	25.7...	10	.053	51.597	y	19	15968.9...	29192.4	.873	1.683	1.. H2-1
105	M195	L2.5x2.5x3	.056	25.3...	9	.052	0	z	16	16317.2...	29192.4	.873	1.691	1.. H2-1
106	M196	L2.5x2.5x3	.058	25.7...	6	.054	51.597	y	15	15968.9...	29192.4	.873	1.683	1.. H2-1
107	M197	L2.5x2.5x3	.057	25.3...	5	.053	50.666	z	15	16317.2...	29192.4	.873	1.691	1.. H2-1

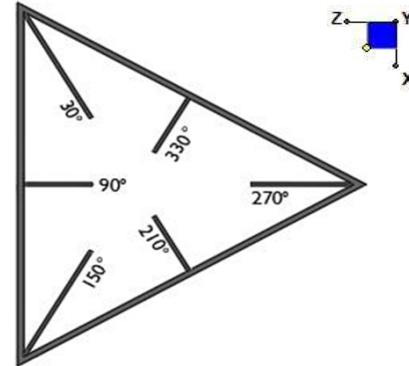




### I. Mount-to-Tower Connection Check

RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
N386A	30
N394B	150
N109	270



TYPICAL PLATFORM

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:

W1 (in):

W2 (in):

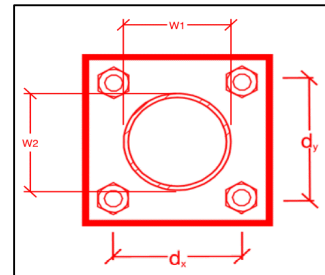
Weld Size (1/16 in):

Phi\*Rn (kip/in):

Required Weld Strength (kip/in):

Weld Capacity:

Rect
3
3
5
6.96
4.18
<b>60.1%</b>



**Plate Check:**

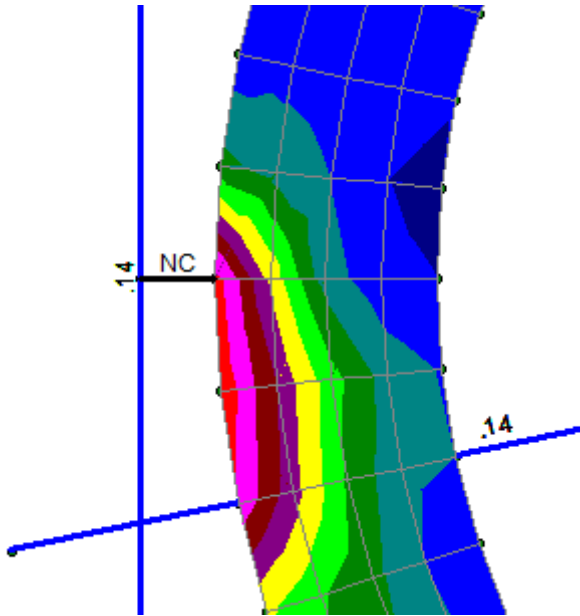


Plate		S...	Sigma1 [...	L...	Sigma2 [...	L...	Tau Max ...	L...	Angle [rad]	LC	Von Mises [ksi]	LC
P212	max	T	15.365	14	.887	7	7.425	14	.388	12	<b>15.114</b>	14
	min		7.067	8	-.263	1	3.14	8	.261	6	6.708	8
	max	B	1.312	24	-3.613	7	5.748	13	2.349	7	10.9	13
	min		.569	5	-10.184	13	2.112	7	2.112	1	3.954	7

Maximum Applied Stress:  $\sigma_{app} := 15.1 \text{ ksi}$  (Obtained from Risa 3D)

Design Stress:  $\sigma_d := 36 \text{ ksi} \cdot 0.9 = 32.4 \text{ ksi}$  (36 KSI Steel assumed)

Stress Check: 
$$\text{Check} := \begin{cases} \text{"OK"} & \text{if } \sigma_{app} < \sigma_d \\ \text{"NO GOOD"} & \text{otherwise} \end{cases}$$
  
 Check = "OK"



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

### Documents & Photos Required from Contractor – Passing Mount Analysis

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**Purpose** – to provide Maser Consulting Connecticut the proper documentation in order to complete the required Mount Desktop review of the Post Modification Inspection Report.

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

#### **Base Requirements:**


















- Any special photos outside of the standard requirements will be indicated on the passing MA
- Verification that loading is as communicated in the Passing Mount Analysis. NOTE If loading is different than what is conveyed contact Maser Consulting Connecticut immediately.
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope.
- The photos in the file structure should be uploaded to <https://pmi.vzsmart.com> as depicted on the drawings

#### **Photo Requirements:**

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



**Schedule A – Photo & Document File Structure**

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

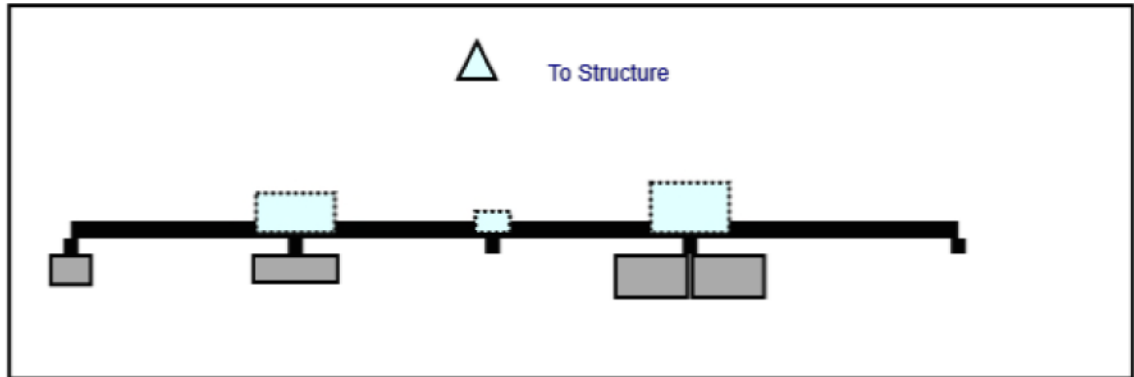
Sector: **A**  
 Structure Type: Monopole  
 Mount Elev: 87.00

3/30/2021

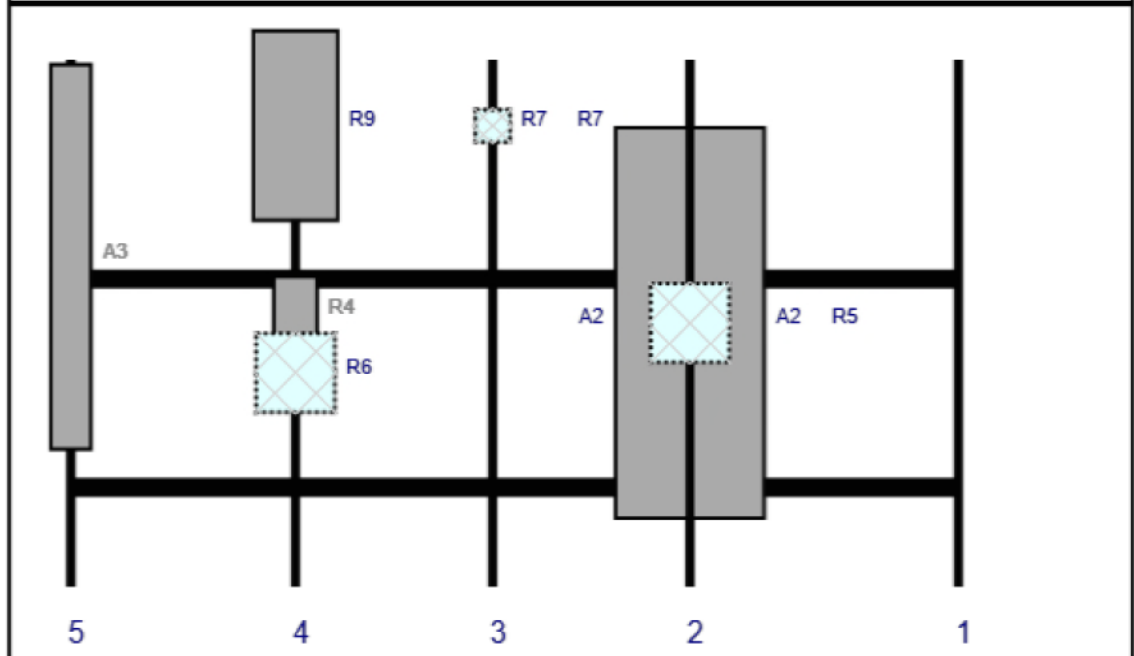
Page: 1



Plan View



Front View  
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	JAHH-65B-R3B	72	13.8	113	2	a	Front	48	7	Retained	02/25/2021
A2	JAHH-65B-R3B	72	13.8	113	2	b	Front	48	-7	Retained	02/25/2021
R5	B2/B66A RRR-BR049	15	15	113	2	a	Behind	48	0	Retained	02/25/2021
R7	CBC78T-DS-43	6.4	6.9	77	3	a	Behind	12	0	Retained	02/25/2021
R7	CBC78T-DS-43	6.4	6.9	77	3	b	Behind	12	0	Retained	02/25/2021
R4	XXDWMM-12.5-65-8T-CBRS	13.9	8.6	41	4	a	Front	46.2	0	Retained	02/25/2021
R6	B5/B13 RRR-BR04C	15	15	41	4	a	Behind	57	0	Retained	02/25/2021
R9	MT6407-77A	35.1	16.1	41	4	a	Front	12	0	Added	
A3	BXA-80080-6CF	71	8	0	5	a	Front	36	0	Retained	02/25/2021

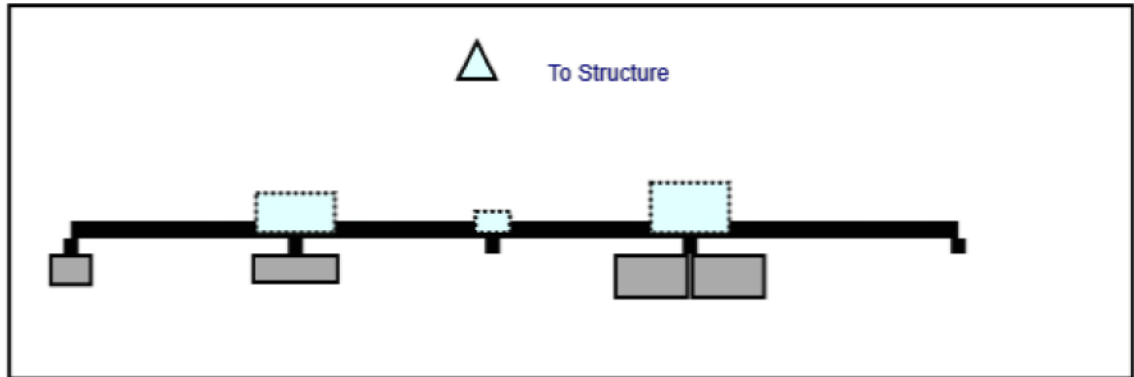
Sector: **B**  
 Structure Type: Monopole  
 Mount Elev: 87.00

3/30/2021

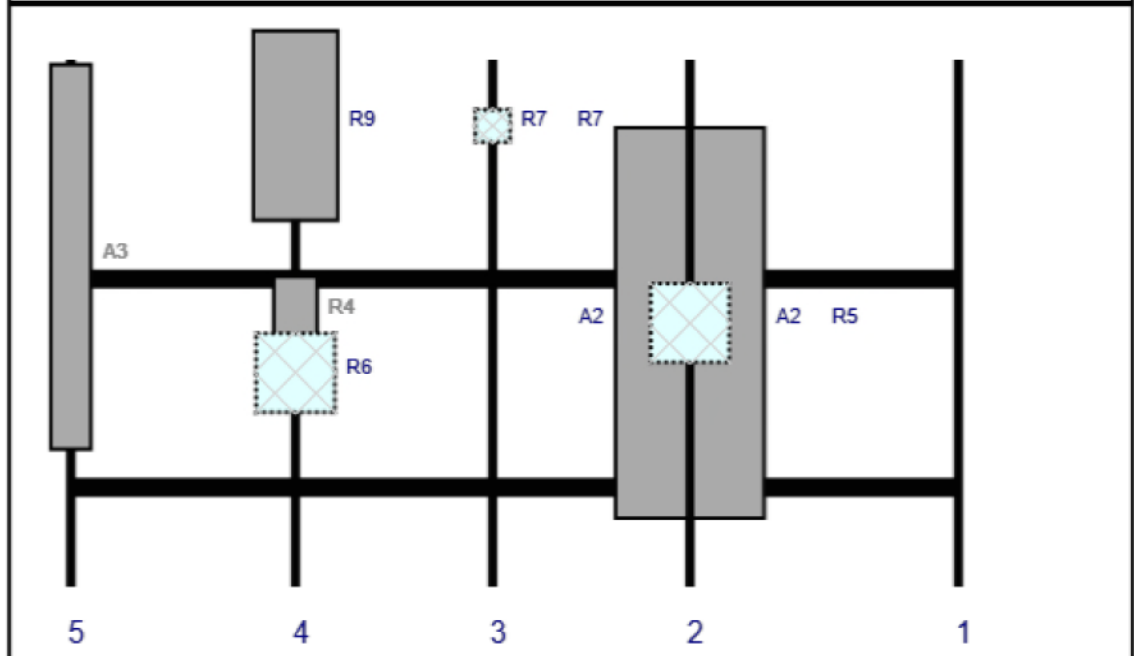
Page: 2



Plan View



Front View  
Looking at Structure

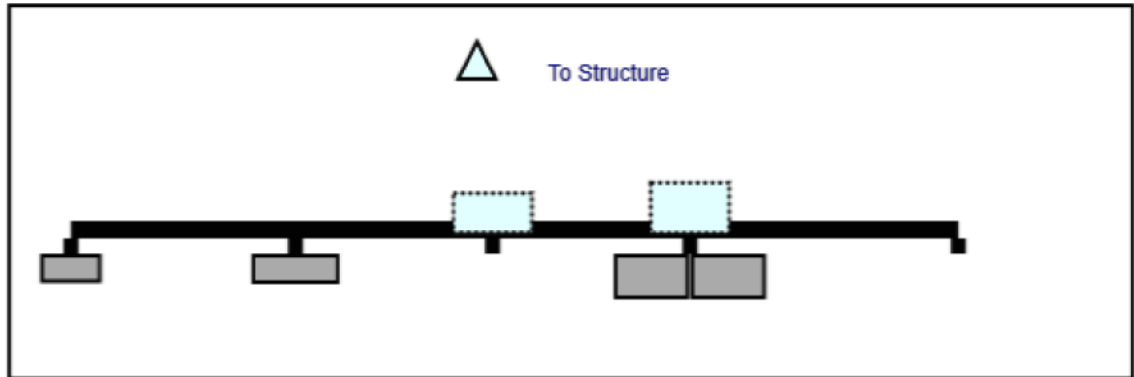


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	JAHH-65B-R3B	72	13.8	113	2	a	Front	48	7	Retained	02/25/2021
A2	JAHH-65B-R3B	72	13.8	113	2	b	Front	48	-7	Retained	02/25/2021
R5	B2/B66A RRR-BR049	15	15	113	2	a	Behind	48	0	Retained	02/25/2021
R7	CBC78T-DS-43	6.4	6.9	77	3	a	Behind	12	0	Retained	02/25/2021
R7	CBC78T-DS-43	6.4	6.9	77	3	b	Behind	12	0	Retained	02/25/2021
R4	XXDWMM-12.5-65-8T-CBRS	13.9	8.6	41	4	a	Front	46.2	0	Retained	02/25/2021
R6	B5/B13 RRR-BR04C	15	15	41	4	a	Behind	57	0	Retained	02/25/2021
R9	MT6407-77A	35.1	16.1	41	4	a	Front	12	0	Added	
A3	BXA-80080-6CF	71	8	0	5	a	Front	36	0	Retained	02/25/2021

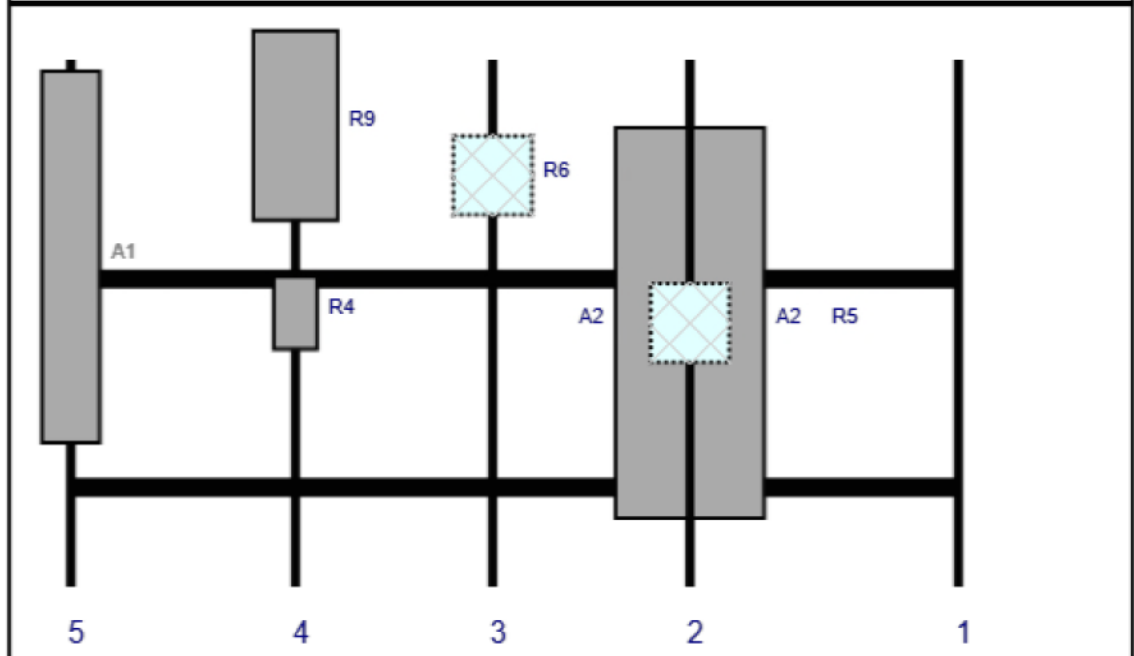
Sector: C  
 Structure Type: Monopole  
 Mount Elev: 87.00

3/30/2021

Plan View



Front View  
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	JAHH-65B-R3B	72	13.8	113	2	a	Front	48	7	Retained	02/25/2021
A2	JAHH-65B-R3B	72	13.8	113	2	b	Front	48	-7	Retained	02/25/2021
R5	B2/B66A RRR-BR049	15	15	113	2	a	Behind	48	0	Retained	02/25/2021
R6	B5/B13 RRR-BR04C	15	15	77	3	a	Behind	21	0	Retained	02/25/2021
R4	XXDWMM-12.5-65-8T-CBRS	13.9	8.6	41	4	a	Front	46.2	0	Retained	02/25/2021
R9	MT6407-77A	35.1	16.1	41	4	a	Front	12	0	Added	
A1	BXA-80063-6BF-EDIN-0	68.6	11.2	0	5	a	Front	36	0	Retained	02/25/2021



# Maser Consulting Connecticut

## Site Information

Site ID: 469404-VZW / Germantown CT  
Site Name: Germantown CT  
Carrier Name: Verizon Wireless  
Address: 50 Newtown Rd  
Danbury, Connecticut 06810  
Fairfield County  
Latitude: 41.403428°  
Longitude: -73.424010°

## Structure Information

Tower Type: 100-Ft Monopole  
Mount Type: 12.00-Ft Platform

**FUZE ID # 16231826**

To Whom It May Concern,

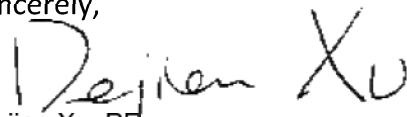
We respectfully submit the above referenced Antenna Mount Structural Analysis report in conformance with ANSI/TIA-222-H, Structural Standard for Antenna Supporting Structures and Antennas and Small Wind Turbine Support Structures.

The 2018 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.

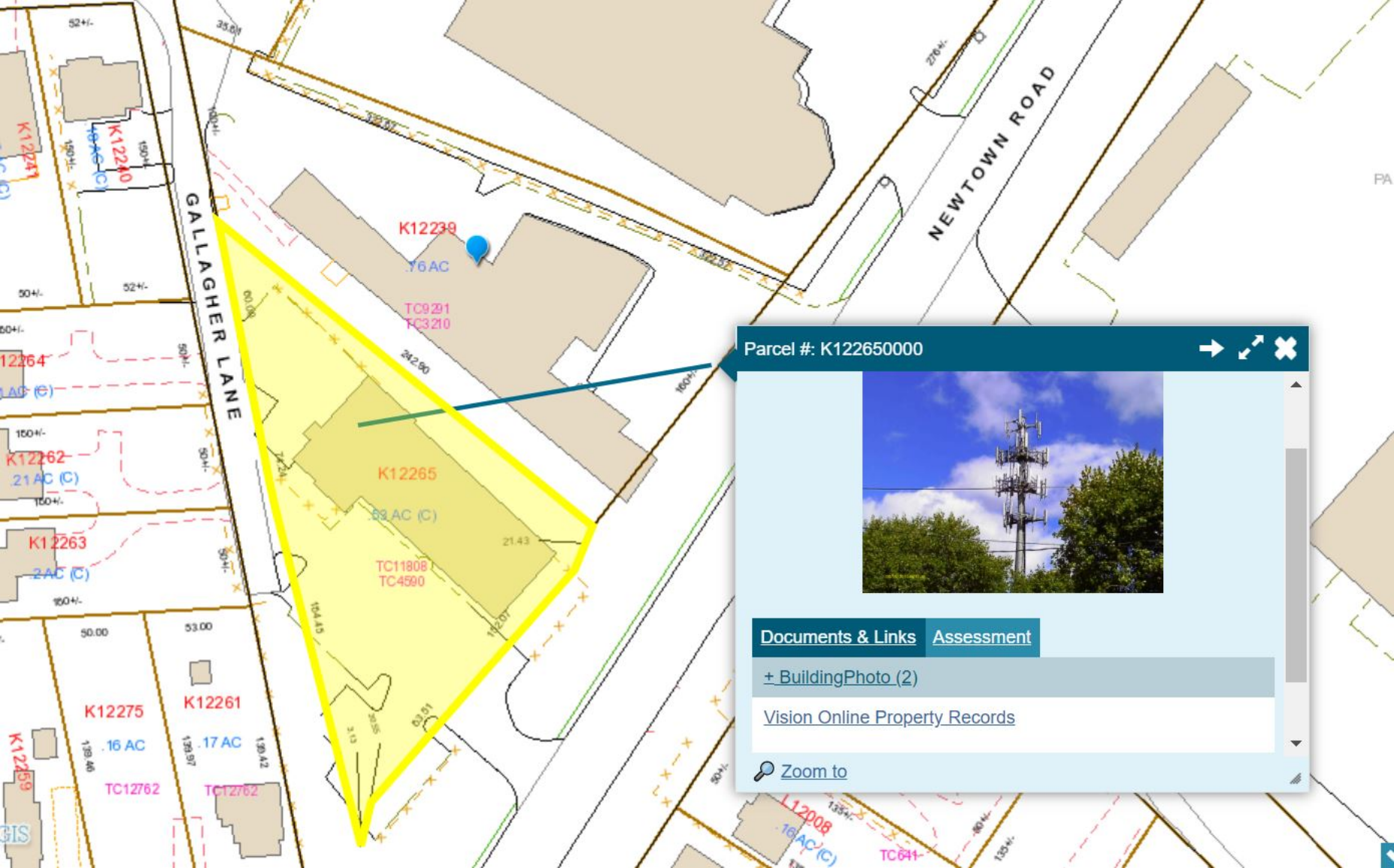
The TIA-222-H standard clarifies these specific requirements for the antenna mount analysis such as modeling methods, seismic analysis, 30-degree increment wind directions and maintenance loading. Therefore, it is our opinion that TIA-222-H is the most appropriate standard for antenna mount structural 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

# **ATTACHMENT 5**




Parcel #: K122650000

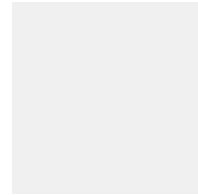


**Documents & Links** Assessment

+ BuildingPhoto (2)

[Vision Online Property Records](#)

 [Zoom to](#)



## Danbury,CT

48 NEWTOWN

### Location

48 NEWTOWN

### Mblu

K12/ / 265/ /

### Acct#

### Owner

48 NEWTOWN ROAD CORPORATION

### Assessment

\$909,000

### Appraisal

\$1,298,500

### PID

7333

### Building Count

1

Current Value

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**Appraisal**

Valuation Year	Improvements	Land	Total
2020	\$904,400	\$394,100	\$1,298,500

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**Assessment**

Valuation Year	Improvements	Land	Total
2020	\$633,100	\$275,900	\$909,000

**Owner of Record****Owner** 48 NEWTOWN ROAD CORPORATION**Co-Owner****Address** 50 NEWTOWN RD  
DANBURY, CT 06810**Sale Price** \$0**Book & Page** 1706/ 908**Sale Date** 11/08/2004**Instrument** 29

## Ownership History

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**Ownership History**

Owner	Sale Price	Book & Page	Instrument	Sale Date
48 NEWTOWN ROAD CORPORATION	\$0	1706/ 908	29	11/08/2004
MORRIS JULIA B NOMINEE	\$0	1706/ 906	29	11/08/2004
FORTY EIGHT NEWTOWN ROAD	\$0	1041/0377		03/04/1993

## Building Information

Building 1 : Section 1

**Year Built:** 1988**Living Area:** 5,680**Replacement Cost:** \$725,793**Building Percent Good:** 81

# **ATTACHMENT 6**



GERMANTOWN  
**Certificate of Mailing — Firm**

Name and Address of Sender  Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103	TOTAL NO. of Pieces Listed by Sender  <div style="font-size: 2em; text-align: center;">3</div>	TOTAL NO. of Pieces Received at Post Office™  <div style="font-size: 2em; text-align: center;">3</div>	Affix Stamp Here <i>Postmark with Date of Receipt.</i>  <div style="text-align: right; color: magenta;">             neopost              09/08/2021  <b>US POSTAGE \$002.99</b> </div> <div style="text-align: right; color: magenta; margin-top: 10px;">              ZIP 06103              041L12203937           </div>
Postmaster, per (name of receiving employee)  <div style="font-size: 2em; text-align: center;">0</div>			

USPS® Tracking Number Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Joseph M. Cavo, Mayor City of Danbury 155 Deer Hill Avenue Danbury, CT 06810				
2.	Sharon Calitro, AICP, Director of Planning City of Danbury 155 Deer Hill Avenue Danbury, CT 06810				
3.	48 Newtown Road Corporation 50 Danbury Road Danbury, CT 06810				
4.					
5.					
6.					

